



Municipalité de
RUSSELL
Township



Russell Township Transportation Master Plan Update May 2025



now





Municipalité de
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Township

Russell Township Transportation Master Plan Update

May 28, 2025

Prepared for:
Russell Township

Prepared by:
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Project Number:
132800158

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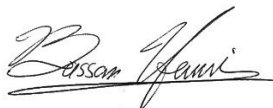


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Executive Summary

The Transportation Master Plan (TMP) Update for Russell Township is aimed at addressing transportation needs for the Township over the next twenty years, from 2025 to 2044. It emphasizes the importance of a multi-modal transportation system that integrates walking, cycling, public transit, and driving, while considering environmental sustainability and community needs.

Russell Township Today

The TMP assesses the current state of the transportation system in Russell Township, focusing on key performance indicators such as mode share and roadway operations. It evaluates how well the transportation network supports for various modes including transit, walking, cycling, and driving. Driving continues to be the preferred mode for commuting, accounting for over 87% of trips in 2021, with public transit, walking and cycling making up less than 5% of the total trips.

Emerging Trends & Future Needs

There are numerous demographic changes within the Township that present an opportunity to strengthen active and sustainable mode options and improve the equity of the transportation system. These include:

- A significant population increase of 18.6% from 2016 to 2021
- Shifts in commuting patterns influenced by the COVID-19 pandemic
- An increase in younger families moving to the community, alongside a growing population of people aged 65 and older.
- An increase in employment within Russell, lowering the population to employment ratio and supporting more trips within the Township.

Vision and Principles

Through consultation with the Stakeholder and Advisory Committees, the following Vision Statement was developed to guide the planning effort:

- Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township, without compromising environmental sustainability.

The Vision Statement is supported by several key principles, including Sustainability & Equity; Goods Movement & Economic Prosperity; Downtown Vitality; and, Affordability

Implementation & Financial Strategy

The TMP outlines an implementation plan with high-priority projects to be completed by the 2034 and 2044 horizons, as well as projects for consideration beyond 2044. The total capital cost estimated to implement the TMP is approximately \$46 million, including \$22 million for roadway improvements and \$24 million for active transportation improvements. Potential strategies for funding the TMP recommendations include cost-sharing agreements, dedicated funding programs from provincial and federal governments, and development charges. Recommended improvements to the transportation network are summarized below by horizon.

Short-Term (by 2034)

- Traffic signals at Concession / Craig and Concession / Castor.
- Notre-Dame Street upgrades, St-Guillaume to Blais, including a multi-use pathway.
- Roundabout at Notre-Dame / Limoges.
- Multi-use pathways on Concession Street, Eadie Road, and Wade Road.
- Sidewalks on South Russell Road and St-Pierre Road.

Mid-Term (by 2044)

- Roundabout at St-Guillaume / Enterprise.
- Roundabout at St-Guillaume / Route 200.
- Multi-use pathways on Forced Road and Castor Street.
- Sidewalks on Castor Street, Eldon Street, George Street, Ste-Marie Street, Ste-Thérèse Boulevard, Castlebeau Street, and St-Augustin Road.

Long-Term (beyond 2044)

- Left turn lanes at Notre-Dame / Ste-Jacques.
- Traffic signals at Notre-Dame / St-Joseph and Notre-Dame / St-Thomas.
- Extension of New York Central Fitness Trail to Boundary Road.
- Multi-use pathways on Castor Street and St-Andre Road.
- Sidewalks on Olde Towne Avenue, Church Street, St-Jean Baptiste Street, Centenaire Street, Notre-Dame Street, St-Joseph Road, and St-Thomas Road.

Numerous supporting policies and actions are recommended, including a sidewalk policy, right-of-way lighting policy, neighbourhood traffic calming policy, transportation demand management, complete streets policy, Vision Zero and Safe System Approach, and winter maintenance standards and policy, amongst others.

1 Introduction

The Township of Russell is updating their Transportation Master Plan (TMP) to meet the Township's transportation needs over the next twenty years. A TMP is a strategic, long-term policy document that guides transportation infrastructure investments. It integrates land-use planning, transportation needs, and environmental considerations to address growth and mobility challenges. TMPs are developed under municipal Official Plans (The Ontario Planning Act) and informed by environmental assessment principles. The process involves stakeholder consultations, such as members of the public, agencies, and Indigenous communities, and aligns with Phases 1-2 of the Municipal Class EA process. The development of this TMP document entailed assessing existing and future travel needs as they relate to all modes of transportation, considering future development and redevelopment in the Township, identifies and evaluates alternative improvements to the transportation network, and establishes implementation priorities and funding requirements. This TMP covers a twenty-year horizon, up to the year 2044. The main sections of the TMP are as follows:

- **Russell Township Today** Summarizes the current state of the transportation system by examining key performance indicators such as mode share and roadway operations. It assesses how the transportation network currently functions for transit, walking, cycling, and driving.
- **Emerging Trends & Future Needs** Discusses how the Township plans to adapt and respond to changing mobility dynamics, ensuring that the transportation system remains efficient, sustainable, and responsive to the needs of the community. It also explores how factors such as the relationship between population, employment and land use, social trends, and disruptors may shape the Township's transportation network in the future.
- **Vision, Principles & Problem Statement** Outlines the comprehensive vision for Russell's transportation network, and expresses the Township's commitment to promoting and increasing usage of sustainable travel modes such as walking, cycling, and transit.
- **Implementation & Financial Strategy** Provides an overview of the implementation plan, as well as the high priority policies and projects that the Township should focus on and put into action by 2044.

The TMP is based on a multi-modal foundation that is inclusive of all modes of transportation, including walking, cycling, transit, and driving. This reflects the best practices in transportation planning, which recognizes the health, safety, environmental, social, and economic benefits of balanced transportation systems. The underlying vision for the TMP is to develop a safe and accessible transportation network that provides connectivity for all modes of transportation while supporting future development and economic growth in the Township without compromising environmental sustainability.

1.1 Why an Updated Plan is Needed

Russell is changing in many ways. The Township is one of the fastest growing areas in eastern Ontario, with a population increase of 18.6% from 2016 to 2021 according to the Canadian census. There are emerging employment hubs nearby at the 417 Industrial Park and Amazon Fulfillment Centre and the Township has also expanded its Settlement Areas to accommodate forecasted growth in population and employment. Additionally, there have been shifts in social, employment, and housing choices brought on by the COVID-19 pandemic, with a greater prevalence of remote work arrangements and moving away from urban centres. These are multi-faceted changes that result in changing demands on the transportation network, and evolving travel behaviours and needs of the community. This presents an opportunity to strengthen active and sustainable mode options and improve the equity of the transportation system within the Township.

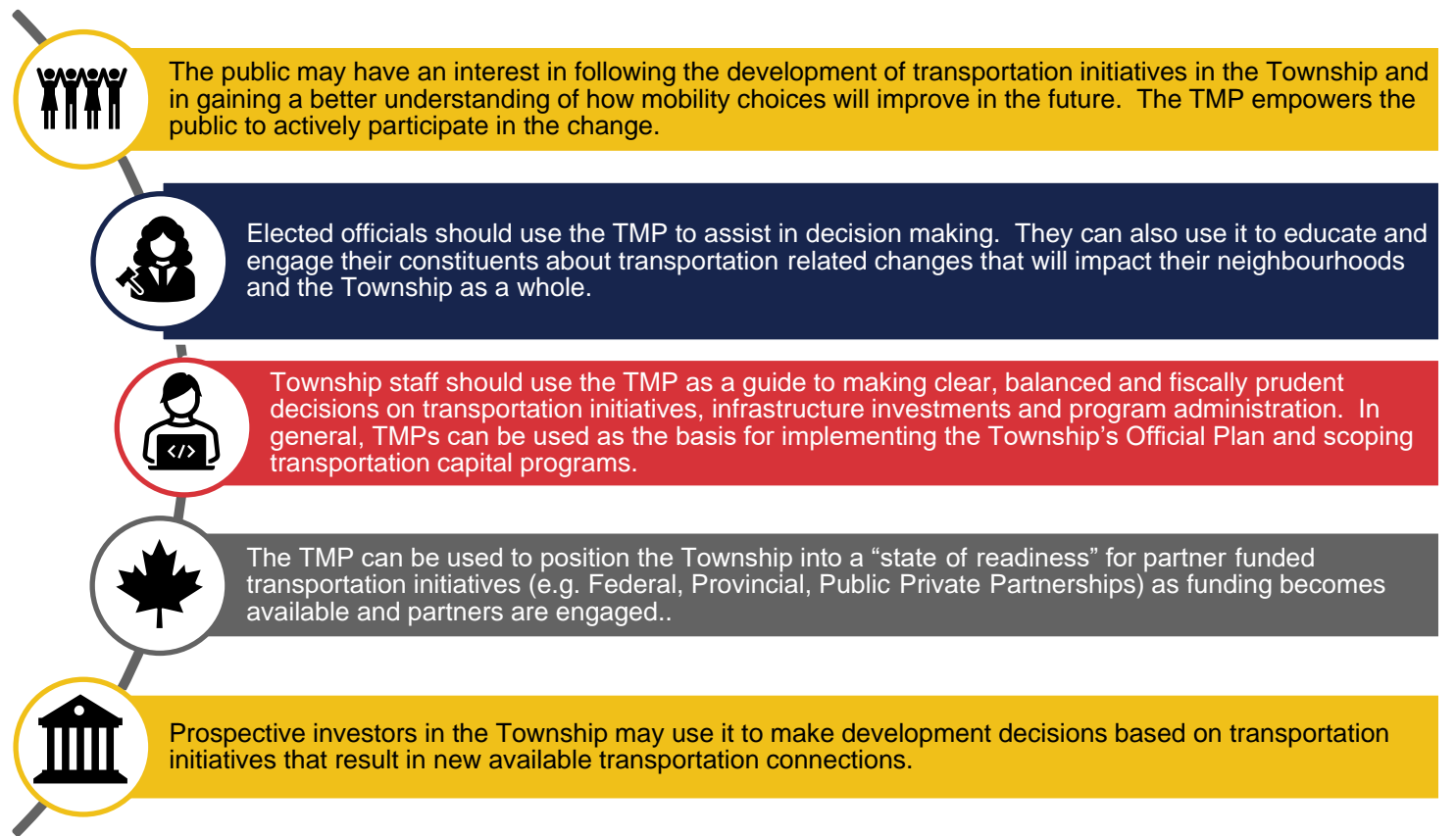
To ensure that the framework for making transportation infrastructure decisions is accurate and holistic, an assessment of existing conditions, challenges, needs and opportunities is undertaken. This TMP builds on the 2016 Transportation Master Plan Update and is informed by other recent plans such as the 2018 Official Plan, the 2024 Official Plan, the 2019 Cycling Plan, and the 2018 Transit Feasibility Study. An updated plan ensures that the changes from the previous TMP study are captured and addressed moving forward in transportation infrastructure decisions, and that findings from other relevant studies are integrated in a comprehensive manner.

1.2 How to Use this Plan

The TMP has a long-term planning horizon and will guide the Township’s decisions related to all aspects of the transportation network. It provides a vision, goals, and recommendations as well as supportive policies and programs that can achieve the overall aspirations of the Township. Long-term planning documents such as TMPs are intended to be reviewed and updated as communities grow and change. The TMP should ideally be reviewed and updated within the same time period as the Official Plan. Regular updates to the TMP will ensure that this plan adjusts as needed to accommodate the Township’s needs. Full updates to TMPs generally occur every 10 to 20 years depending on the pace of change.

The TMP is meant to be used by stakeholders as both a reference and a guiding document for developing strategies and making investment decisions. It may also be used as a starting point for developing more detailed plans and analyses for transportation-related studies, projects and initiatives. This is underpinned by the Township’s transportation vision, goals, strategy and initiatives to help the Township grow into the future.

More specific examples illustrating how the TMP may be used include:



1.3 The Environmental Assessment (EA) Process

An Environmental Assessment (EA) process is a planning and decision-making process that examines the impacts of projects on the natural, social, economic, cultural, and built environment. The Municipal Class EA is a streamlined approach that consists of up to five phases. The process ensures that projects are comprehensive and address key environmental planning principles through a strategic, long-range, systems-based approach. Transportation Master Plans address at least the first two phases in the Municipal Class EA process.

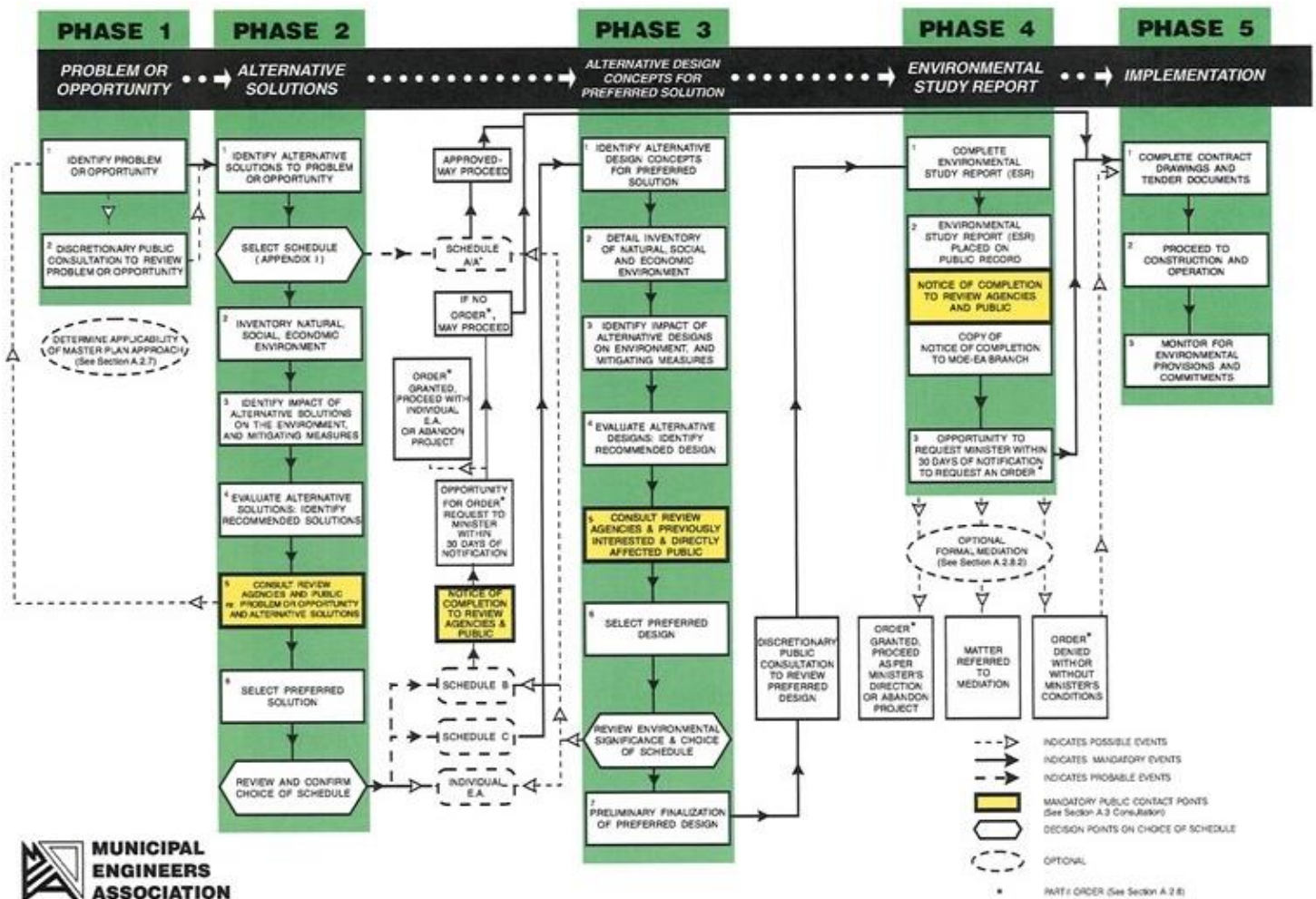


Figure 1-1: Municipal Class EA Process

This TMP was carried out in accordance with the Municipal Class EA process, in particular Phases 1 and 2 which deal with problem or opportunity, as well as evaluation of alternative solutions. It was also informed and supported by a meaningful and inclusive stakeholder and public consultation process. Individual transportation projects from the TMP must undertake further steps in the EA process.

1.4 Public Consultation

Stakeholder engagement is an important component of the EA process and there are requirements for notifications and consultation with public, agencies, and other stakeholders at key phases of the process. This allows stakeholder ideas, issues and priorities to be incorporated into the plan in a meaningful way. The following consultation sessions were conducted throughout the study:

- Notice of Study Commencement: Issued March 22, 2024.
- Public Information Session #1: Held June 19, 2024.
- Public Information Session #2: Held March 18, 2025.

In addition to public consultation, consultation was also held with two key committees. A Stakeholder Committee was developed, which comprised of Township and United Counties of Prescott and Russell (UCPR) staff from key departments. In addition, an Advisory Committee was organized, which comprised of Township and UCPR staff, as well as members of the local community and Township council. Meetings were held regularly with both committees throughout the project to glean additional insight from those who know the Township intimately.

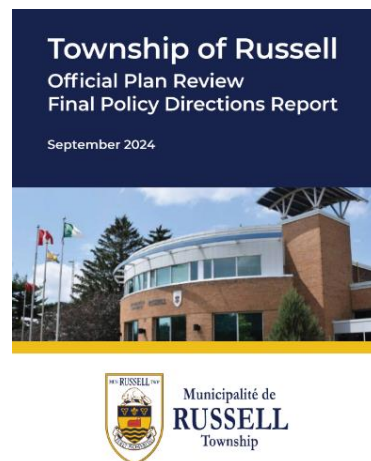
Consultation was also held with the Algonquins of Pikwakanagan First Nation, to confirm that the recommended projects in the TMP are rooted in general consensus before the projects are carried forward to future stages to design.

Throughout the entire study process stakeholders were able to provide their email or contact information so that they could directly be informed of the study's progress or upcoming engagement sessions. Public consultation data, including boards from public notices, public information sessions, and comment sheets, are provided in Appendix A.

1.5 Other Guiding Documents and Plans

There are a number of recent and ongoing Township initiatives, strategies, and plans that help to inform the TMP. These studies are listed below, with general information regarding each study provided alongside how it advised the TMP.

Township of Russell Official Plan Review (2024) – A review of the 2018 Official Plan (OP) was ongoing parallel to the TMP. At the time of the TMP Update the Final Policy Directions Report was available, which provides recommendations for key policy updates to guide growth and development in the Township to the year 2046. The Final Policy Directions Report highlights how numerous changes to Provincial legislation in Ontario impact the Township, specifically focused on accelerating the construction of additional housing. Some of the recommended updates to the Township OP that impact the TMP are to provide stronger emphasis in preparing for the regional and local impacts of a changing climate throughout the OP; create more direct policy linkages between intensification and supporting the potential for future expansion of transit; and, update administrative policies regarding Settlement Area Boundary changes.



United Counties of Prescott and Russell Official Plan Review (2022) – Similar to the Township, UCPR undertook a review of their OP to ensure it is consistent with the Provincial Policy Statement. The key change from the UCPR OP that impacts the TMP is the changes to the Settlement Areas in Russell and Embrun, as well as the 417 Industrial Park. Maps showing the changes to each Settlement Area, excerpted from the OP, are shown on the subsequent page.

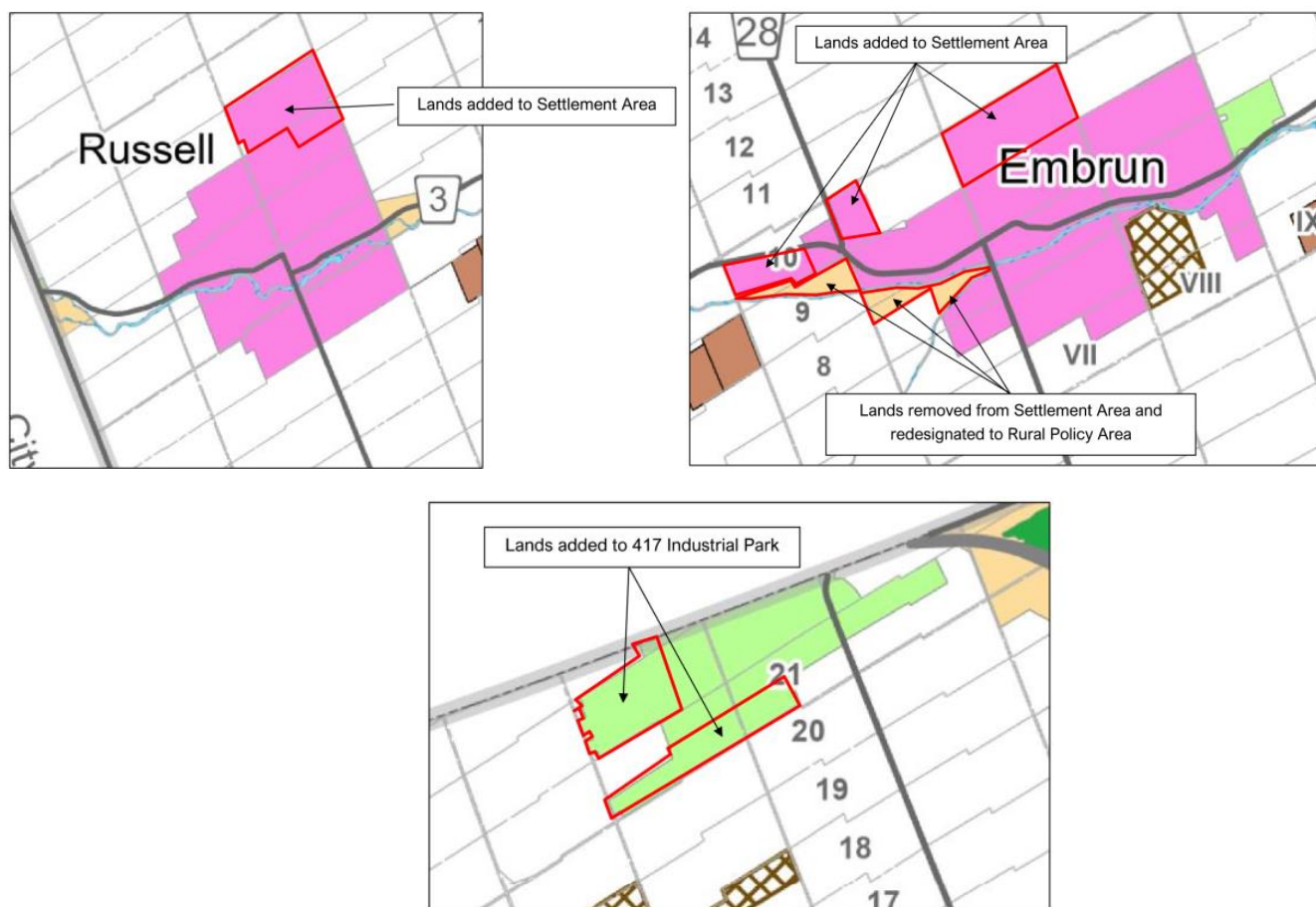
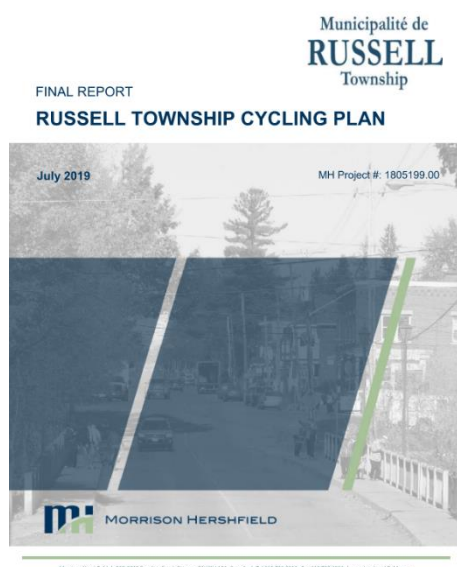


Figure 1-2: Changes to the Settlement Area Boundary of the Russell, Embrun and 417 Industrial Park Implemented in UCPR OP Schedule 2A (Excerpt)



Township of Russell Cycling Plan (2019) – Russell’s Cycling Plan was completed in 2019 by Morrison Hershfield, the Township’s first cycling plan. The plan developed a connected, safe and appealing cycling network that meets Ontario standards, fulfills policies in the Russell Township Official Plan, promotes commuter and high-frequency cycling, and provides seamless connections to the rest of the UCPR and the City of Ottawa. Given the recency of the study, a fulsome review of the cycling network was not within the scope of work for this TMP. Instead, some recommendations were made to enhance the proposed network from the Cycling Plan, such as the provision of safer cycling facilities (e.g., multi-use pathways instead of paved shoulders) or new connections not previously identified.

Township of Russell Transit Feasibility Study (2018) – The Transit Feasibility Study undertook a review of the transit operations within Russell at the time of the study. Since that time, there have been numerous changes to

the Township’s transit service. Additional details on this study and a more detailed discussion on the transit history in Russell are provided in Section 2.7.

Township of Russell Community Traffic Impact Study (2018) – This study developed traffic forecasts for 19 future subdivisions within the Township, spread out across 7 phases. The conclusion of the study identified mitigation measures at numerous intersections and roadways across the Township.

2 Russell Township Today

2.1 Community

Russell Township is a municipal township located in the United Counties of Prescott and Russell (UCPR), southeast of Ottawa. Russell is bound by the City of Ottawa to the north and west, the Municipality of the Nation to the east, and the Township of North Stormont and Township of North Dundas to the south. A study area map is shown in Figure 2-1.

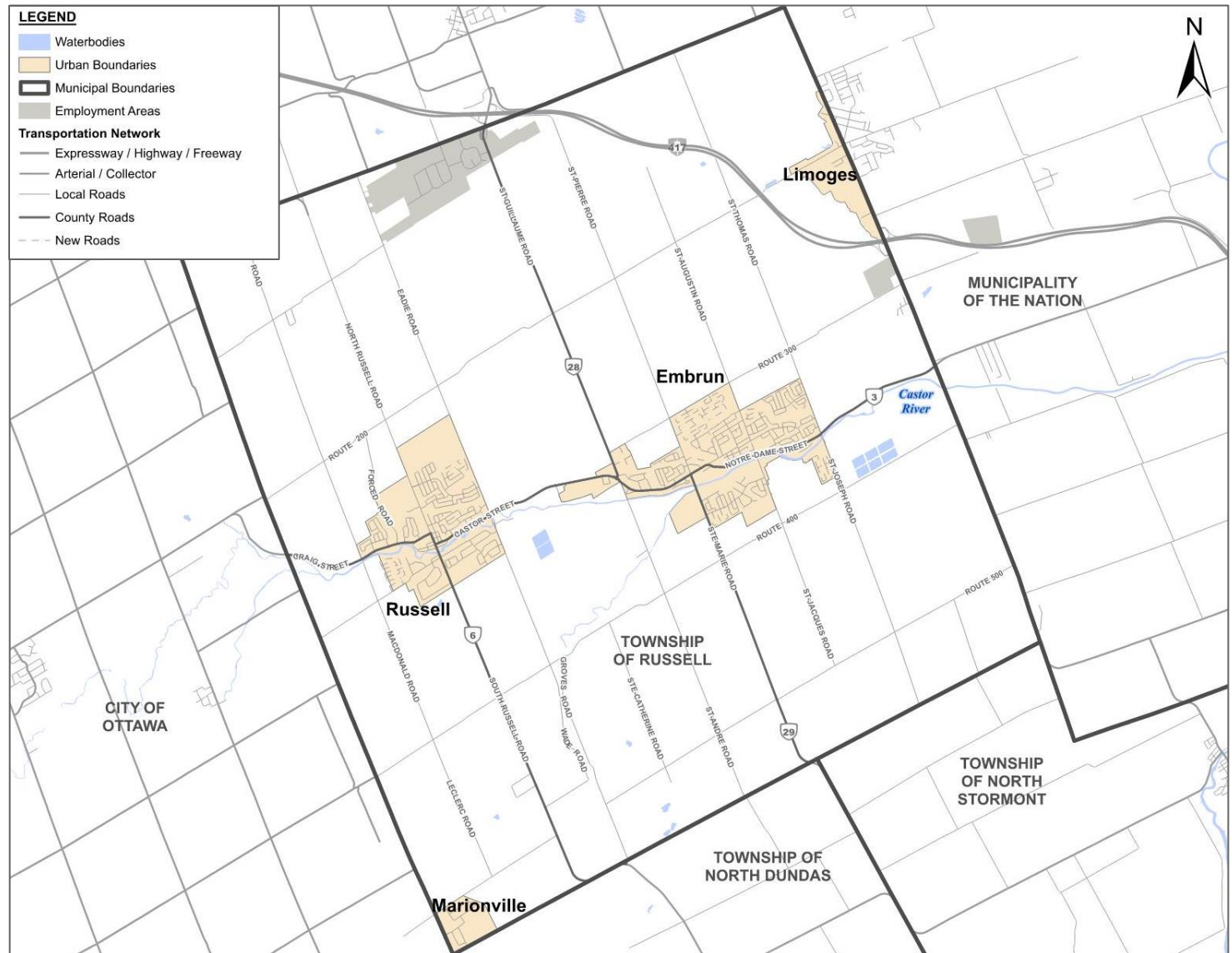


Figure 2-1: Study Area

Major roadways within Russell boundaries include Highway 417 that passes through the northern limits of the Township, and County Roads 3, 6, 28, and 29 that support travel across the UCPR and into adjacent municipalities. Russell's population is approximately 20,000 based on the 2021 Canadian census, primarily located in the Russell and Embrun communities.

Significant employment generators around or close to the Township include the 417 Industrial Park at the north end of the Township, the Amazon Distribution Centre on Boundary Road near Highway 417 outside of the Township, and Calypso Water Park in Limoges just outside the Township.

2.2 People

Russell Township has the second largest population of the eight lower-tier municipalities located within the United Counties of Prescott and Russell (UCPR), with a total population of 19,600 according to the 2021 Canadian Census. Russell has a large French-speaking community, with French as a first language for 39% of the population in 2021. In comparison, French is a first language for 59% of UCPR, 14% of Ottawa, and 3% of Ontario as a whole.

Table 2-1: Historical Population, Employment and Housing Information (Source: Canadian Census)

Category	2011	2016	2021
Population	15,250	16,520	19,600
Employment	2,580	3,440	4,335
Housing	5,345	6,010	7,335

The median age of the Township is 40 years old, two years younger than the median age for Ontario. The median age of the Township residents is fairly consistent, at 41 in 2016, and 39 in 2011. The population breakdown by age is shown below, compared against data from the 2016 and 2011 census data for the Township, as well as against the 2021 data for Ontario.

Table 2-2: Age Characteristics of Russell Township (Source: Canadian Census)

Age Characteristics	Russell Township	Percentage	vs 2016	vs 2011	vs Ontario
Under 14 years	3,855	20%	0%	-1%	4%
15 to 24 years	2,070	11%	-2%	-3%	-1%
25 to 34 years	2,450	13%	2%	2%	-1%
35 to 44 years	2,835	14%	1%	-1%	2%
45 to 54 years	2,615	13%	-4%	-6%	0%
54 years to 65 years	2,970	15%	1%	3%	1%
65 years and over	2,810	14%	2%	5%	-4%
Total	19,600	100%	0%	0%	0%

A comparison of age characteristics from 2011 and 2021 shows that there has been an increase in the number of residents in late 20s and early 30s with young children, increased number of residents in their late 50s and older, and the departure of young adults in their teens and early 20s to seek education or employment opportunities outside of Russell.

The standard labour force of between 15 to 64 years old accounts for 66% of the population. Major occupation categories in Russell are business, finance and administration (22% of all occupations), sales and service (18%), education, law, social, community, and government services (18%), and trades, transport and equipment operation (17%).

Working from home (WFH) is a trend that increased during the COVID-19 pandemic, with 34% of the Russell employed labour force WFH in 2021, versus 8% in 2016. As of November 2023, approximately 20% of Canadians worked the majority of their hours from home, compared to 40% in April 2020, and 30% in January 2022. This indicates that while the 34% of residents who WFH in 2021 may be higher than the current reality in 2025, the WFH trend is here to stay and will not approach the 8% seen in 2016.

There is still a large proportion of the employed labour force that commute to a workplace outside of Russell. In 2021, 61% of the employed labour force who commute to work (i.e., don't work from home) was reported to commute to a different census division within province or territory of residence, the majority of these likely to Ottawa.

2.3 Streets & Roads

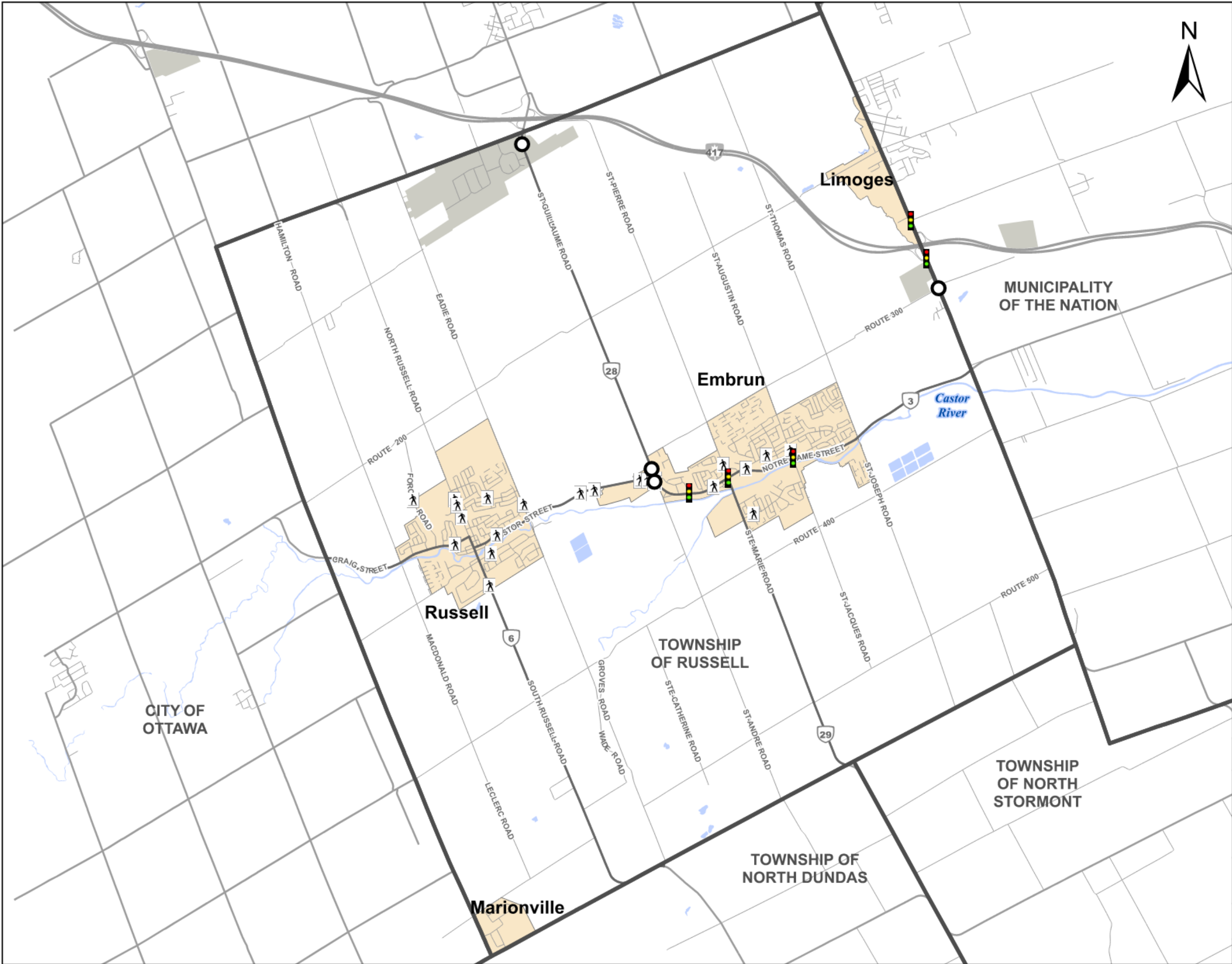
There are various key roadways in the Township, providing access between village centres, adjacent municipalities, and Highway 417. Key roadways in the network include:

- **Highway 417** – High-capacity and high-speed, controlled access freeway. Connects to Ottawa to the west and continues east toward Montreal. There are three interchanges in proximity to Russell: at Boundary, at County Road 28 / St-Guillaume, and at County Road 5 / Limoges. There are also major employment areas near the three interchanges, including Amazon, Highway 417 Industrial Park, and Calypso Water Park.
- **County Road 3** – Also known as **Craig Street** and **Castor Street** in Russell, and **Notre-Dame Street** in Embrun. It is the main roadway connecting Russell and Embrun Village centres and connects to the City of Ottawa and Municipality of the Nation beyond the Township's boundaries.
- **County Road 6** – Also known as **South Russell Road**. A north-south connection between Marionville, and the Township of North Dundas to Russell village centre. Continues north of County Road 3 as **North Russell Road**.
- **County Road 28** – Also known as **St-Guillaume Road**. A north-south connection between the Highway 417 interchange, Highway 417 Industrial Park, and Embrun.
- **County Road 29** – Also known as **Ste-Marie Road**. A north-south connection between Township of North Dundas and Township of North Stormont to Embrun village centre. Continues north of County Road 3 as **St-Pierre Road**.

All roads in the Township follow the classification in the Township's Official Plan Schedule 'B':

- Rural Arterial – Located outside of village centres, move high volumes of traffic efficiently at high speeds and connect to other major roads with limited access to adjacent land uses.
- Village Main Street – Commercial and retail-focused roadways in village centres.
- County Major Collector - Collectors are intended to connect Rural Arterial roads and Local Roads while providing some access to adjacent land uses.
- Village Major Collector – County Major Collectors turn into Village Major Collectors within village boundaries.
- Village Minor Collector – Township roads that are designated as Local Streets in the UCPR Official Plan.
- Local Road – Low-volume, low-speed roads intended to provide access to adjacent land uses and connect them to Collectors.

Figure 2-2 shows the existing roadways and intersections throughout the Township, highlighting locations with roundabouts, traffic signals, and pedestrian crossovers (PXOs).



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LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Existing Facilities**
 - Roundabout
 - Traffic Light
 - Pedestrian Crossover (PXO)

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
Existing Road Network

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: April 2025 Figure 2-2

2.4 Mode Share

Commutes are made primarily as an auto driver, accounting for more than 87% of trips to work in 2021. The share of driver trips has increased since 2006, but have consistently been above 80%. Auto driver trips are followed by passenger trips at 7% of commutes. This number has been declining since 2006. Public transit (1%), walking (3%), cycling (0.4%), and other (2.2%) make up the remaining share of commuting trips in 2021. Since 2006, walking and transit trips have decreased over time, while cycling and other have increased.

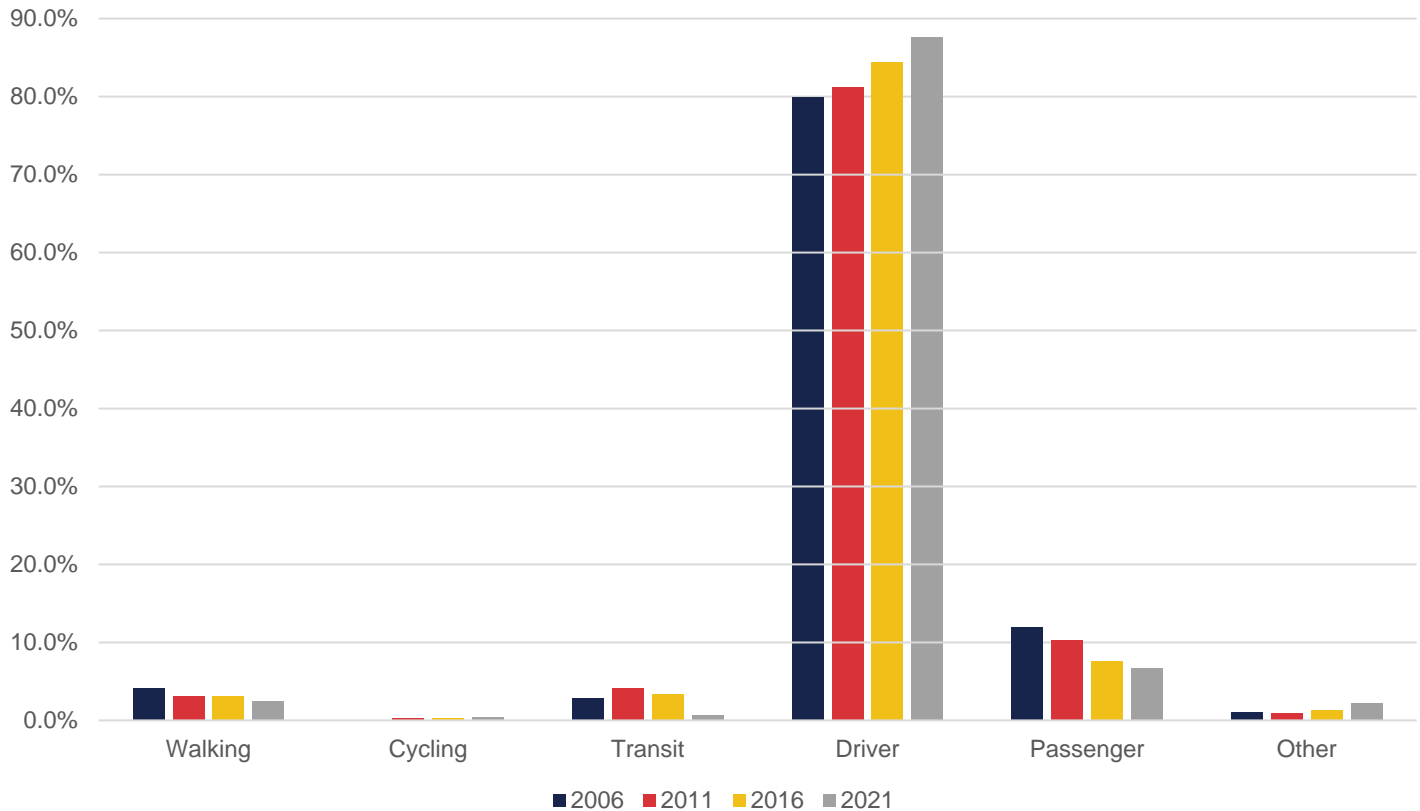


Figure 2-3: Commute Mode Share

It should be noted that the 2021 census data was collected during the COVID-19 pandemic, which likely had an impact on the reporting of mode shares. For example, the sharp decrease in transit mode share is due to loss of the Russell Transpo transit system, which closed in 2020 from falling ridership (additional details in Section 2.7). In addition, due to the flexible nature of working conditions in 2021 (e.g., teleworking, remote working, etc.) it likely made carpooling less convenient, hence a drop in passenger mode share and increase in driver mode share.

To contextualize Russell's sustainable mode share, a comparison was made to similar sized communities that are located within commuting distance to Ottawa. As shown in Figure 2-4, the sustainable mode share in Russell is similar to that in UCPR and municipalities such as Mississippi Mills, North Grenville, McNab / Braeside, and La Pêche. Census data from 2016 was used as a more representative condition of post-COVID commuting patterns. This comparison allows for the identification of opportunities to observe how similar municipalities have supported sustainable modes, and how the Township may be able to implement changes. For example, Arnprior and Smiths Falls show higher mode share for walking, Clarence-Rockland shows higher mode share for transit, and La Pêche and Smiths Falls show higher mode share for automobile passengers. Cycling mode share is generally consistent across the communities at 0.4%, with Arnprior the highest at 0.9%.

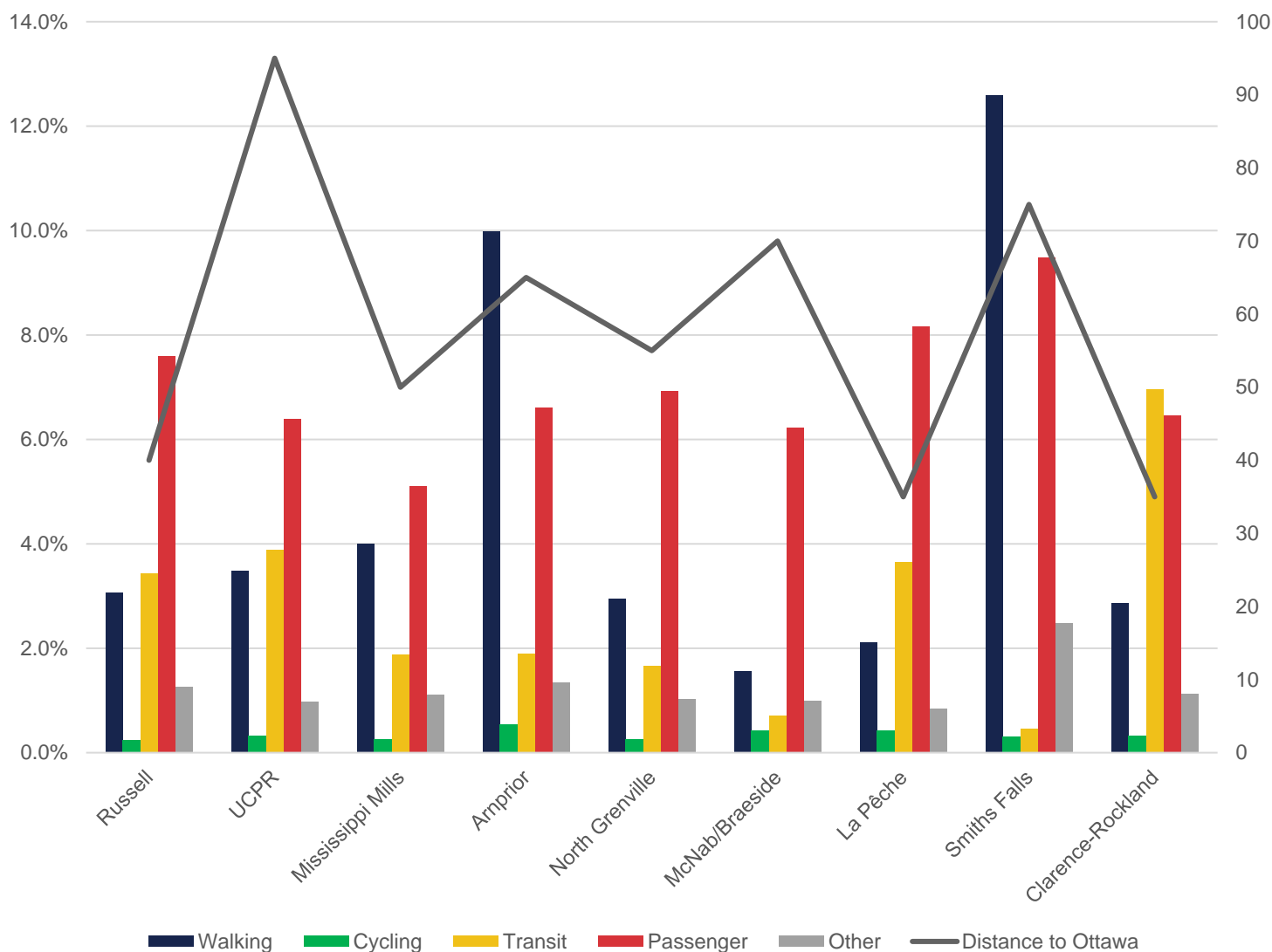


Figure 2-4: Sustainable Mode Share Comparisons, 2016

2.5 Walking

The existing pedestrian network within the Township is especially strong within the village centres of Russell and Embrun, with sidewalks along the majority of Village Main Streets, and on a large portion of Village Major Collectors. There are fewer facilities along Village Minor Collector and Local Roads, and no sidewalks on Rural Arterials or County Major Collectors. The table below summarizes the total kilometres of existing pedestrian infrastructure by road classification. This allows for the identification of which types of roadways require additional pedestrian infrastructure, and where to prioritize recommendations for new sidewalks or multi-use pathways (MUPs).

Table 2-3: Total Kilometres of Existing Pedestrian Infrastructure by Road Classification)

	Township Roadways				County Roadways				Total
	Rural Arterial	Village Main Street	Village Major Collector	Village Minor Collector	Local Road	Village Main Street	Village Major Collector	County Major Collector	
Roadways	1.7	0.5	10.1	19.6	222	2.5	14.2	76.0	346.6
Existing Sidewalks	0.0	0.6	1.6	5.4	14.2	4.2	9.3	0.0	35.3
Total Coverage	0%	60%	8%	14%	3%	84%	33%	0%	5%

As shown in Table 2-3, Village Main Streets have great coverage today, with opportunities for improvement. Village Major Collectors have less than 50% coverage, however a lot of this is due to the fact that Village Major Collectors are located at the outskirts of the villages, where pedestrian connectivity may not be as important. Village Minor Collectors have less than 15% coverage, which is a significant opportunity for improvement as these tend to be roadways that will carry pedestrian volumes.

The New York Central Fitness Trail (NYCFT) is a 10km multi-use pathway and key active transportation corridor in the Township that provides a walking and cycling connection between the Russell and Embrun villages. It forms the backbone of active transportation travel between the villages, as there are no other east-west pedestrian or cycling facilities that connect Russell and Embrun. Several pedestrian crossovers (PXOs) are present where the NYCFT crosses roadways, providing safe facilities for pedestrians and cyclists. Other existing multi-use pathways are short neighborhood cut-throughs that provide access to the NYCFT or parks.

Figure 2-5 shows the existing and planned pedestrian facilities in the Township.

2.6 Cycling

Designated cycling facilities in the Township are limited. Existing designated cycling facilities include the NYCFT, paved shoulders on Hamilton, and the on-road multi-use pathway on Blais. The Township's first Cycling Plan was completed in 2019, and the implementation of recommended projects are ongoing, with the Hamilton project being the first project implemented from that plan.

Figure 2-6 and Figure 2-7 show the cycling facilities in Russell and Embrun, including existing cycling facilities, as well as those proposed as part of the Cycling Plan.

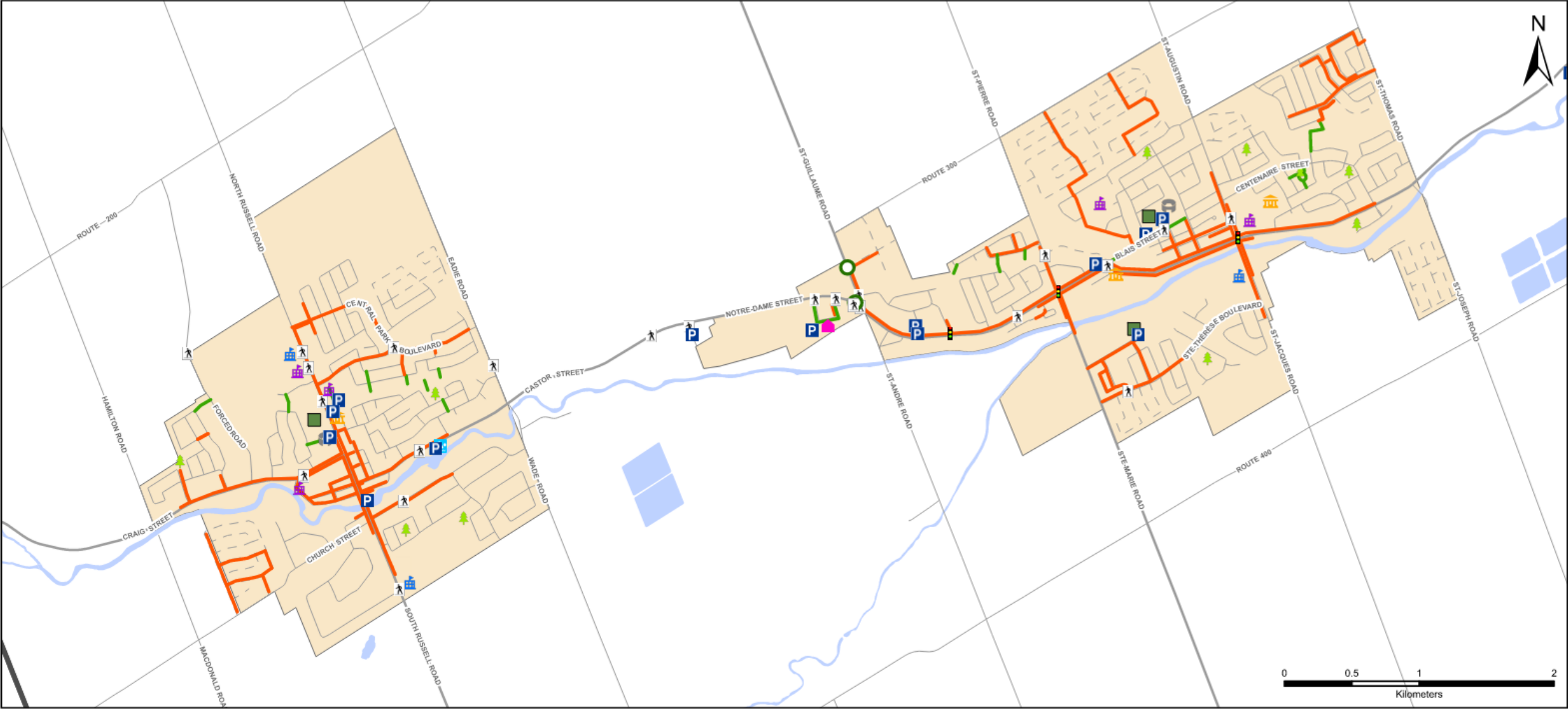
Marionville



Limoges



Russell and Embrun



Municipalité de
RUSSELL
Township

LEGEND

- Waterbodies
- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light
- Multi-Use Pathway
- Sidewalk

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

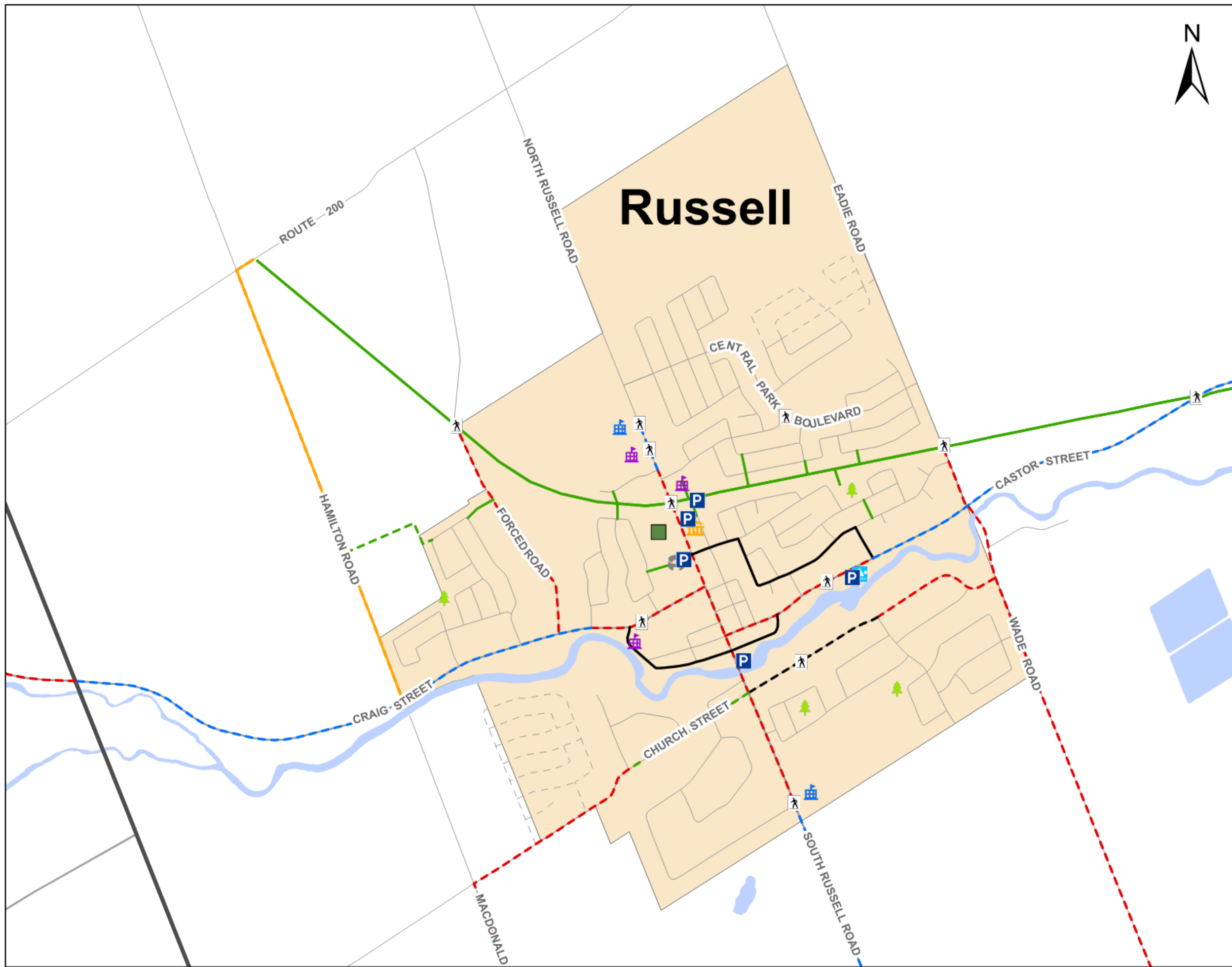


TITLE:
Existing & Planned Pedestrian Facilities

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
May 2025

Figure 2-5



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light

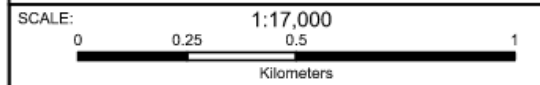
Existing Cycling Facilities

- Multi-Use Pathway
- Paved Shoulders

Planned Cycling Facilities

- Multi-Use Pathway
- Designated Shared Lanes
- Painted Bike Lanes
- Buffered Paved Shoulders
- Paved Shoulders

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

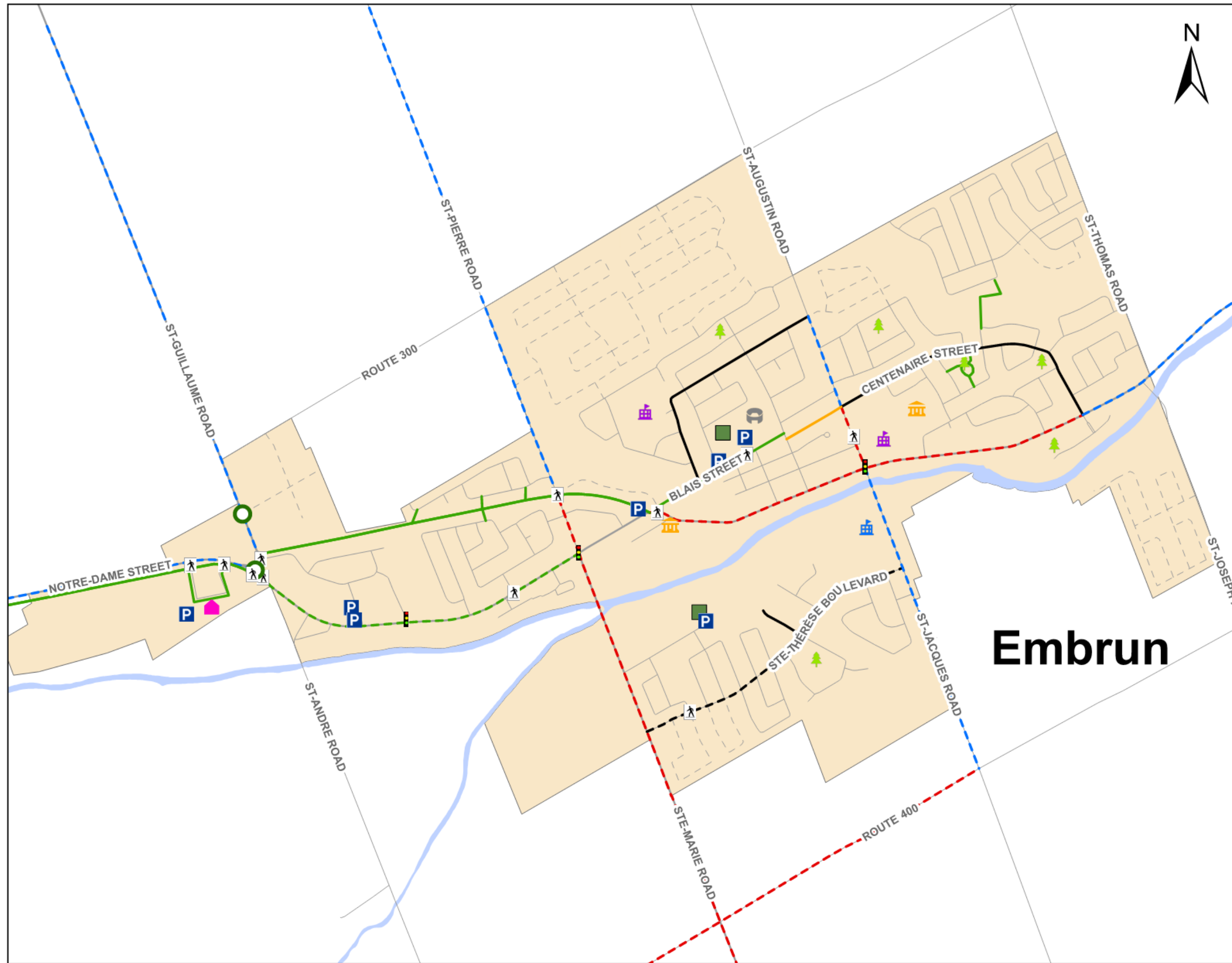


TITLE:
Existing & Planned Cycling Facilities - Russell

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
May 2025

Figure 2-6



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light

Existing Cycling Facilities

- Multi-Use Pathway
- Paved Shoulders

Planned Cycling Facilities

- Multi-Use Pathway
- Designated Shared Lanes
- Painted Bike Lanes
- Buffered Paved Shoulders
- Paved Shoulders

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



SCALE: 1:17,000
0 0.25 0.5 1
Kilometers

TITLE:
Existing & Planned Cycling Facilities - Embrun

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
May 2025

Figure 2-7

2.7 Transit

Transit service in Russell has shifted over the last five years. Transit was not a major focus of the previous TMP, and a transit feasibility study was completed in 2019 that reviewed transit service for the Township. However, since that time the main provider of public transit for the Township, Russell Transpo, ceased operations. Other service providers have attempted to fill the gap since then. The graphic below provides a summary of transit service providers within the Township, overlaid on the transit mode share data from the Canadian census.

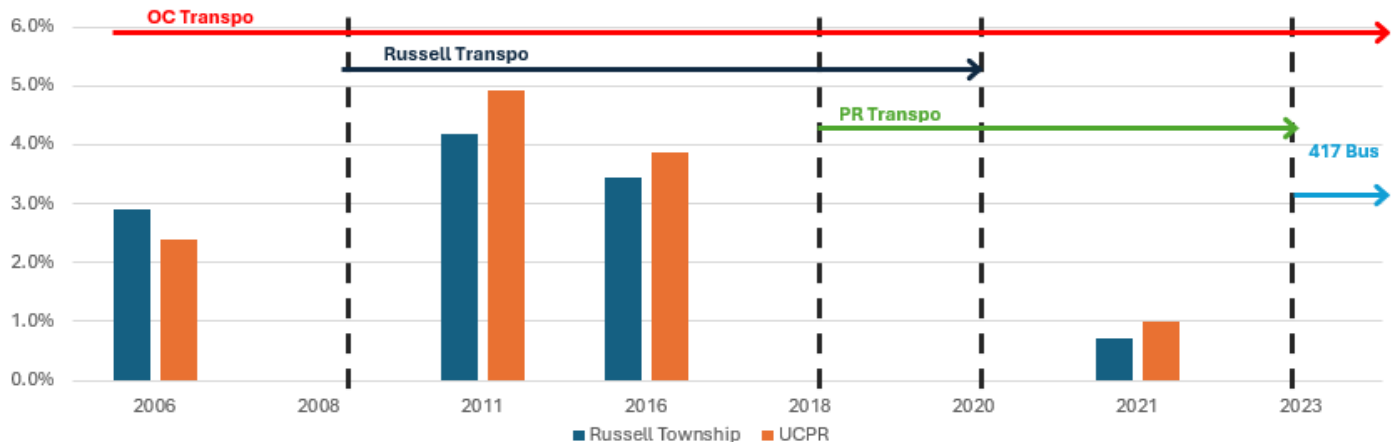


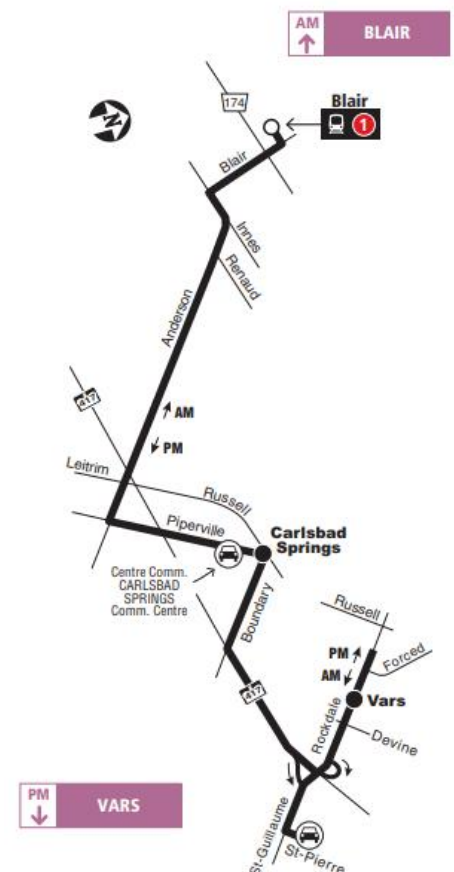
Figure 2-8: Transit Service & Mode Share Through the Years

OC Transpo has consistently provided transit service to the Township, dating back to 2006 or earlier. The current service is provided via Route 222, which connects the Vars Park & Ride to Blair Station in eastern Ottawa. The connection to Blair Station allows transfers to OC Transpo's bus network, or to the Confederation LRT Line.

- Frequency: Weekdays only, three trips per day in each direction (to Ottawa in the AM peak, to Russell in the PM peak)
- Cost: Monthly pass = \$135, single ride = \$4.05 (free transfers within 90 minutes)

The Vars Park & Ride is located at the northeast corner of the St-Guillaume / Burton – St-Pierre roundabout, close to the 417 Industrial Park. It has a capacity of approximately 200 spots with minimal customer amenities. While there are no consistent statistics about park & ride usage, anecdotal reports from the Township indicate standard usage during 2024 was in the order of about 20% (40 cars). OC Transpo was unable to provide data related to boardings and alightings for Route 222 to confirm ridership numbers or park & ride usage.

Russell Transpo provided public transit service for the Township from 2008 to 2020, connecting downtown Russell and Embrun to Ottawa/Gatineau. It operated four different routes, two of which started in downtown Russell and travelled through Embrun before connecting to Highway 417, and the other two which started in downtown Embrun and travelled through downtown Russell before connecting to Highway 417. All four routes served downtown Ottawa and terminated in downtown Gatineau, QC, ensuring federal government workers from the Township could connect to offices in Gatineau.



- Frequency: Weekdays only, three routes per day in each direction (to Ottawa in the AM peak, to Russell in the PM peak)
- Cost: Monthly pass = \$245, package of 10 one-way rides = \$102, single ride = \$15.

The transit feasibility study completed in 2019 was focused on how to make operations for Russell Transpo more cost effective, such as shortening the routes to serve only downtown Ottawa or to serve an LRT station. In December 2020, Russell Transpo service was terminated.

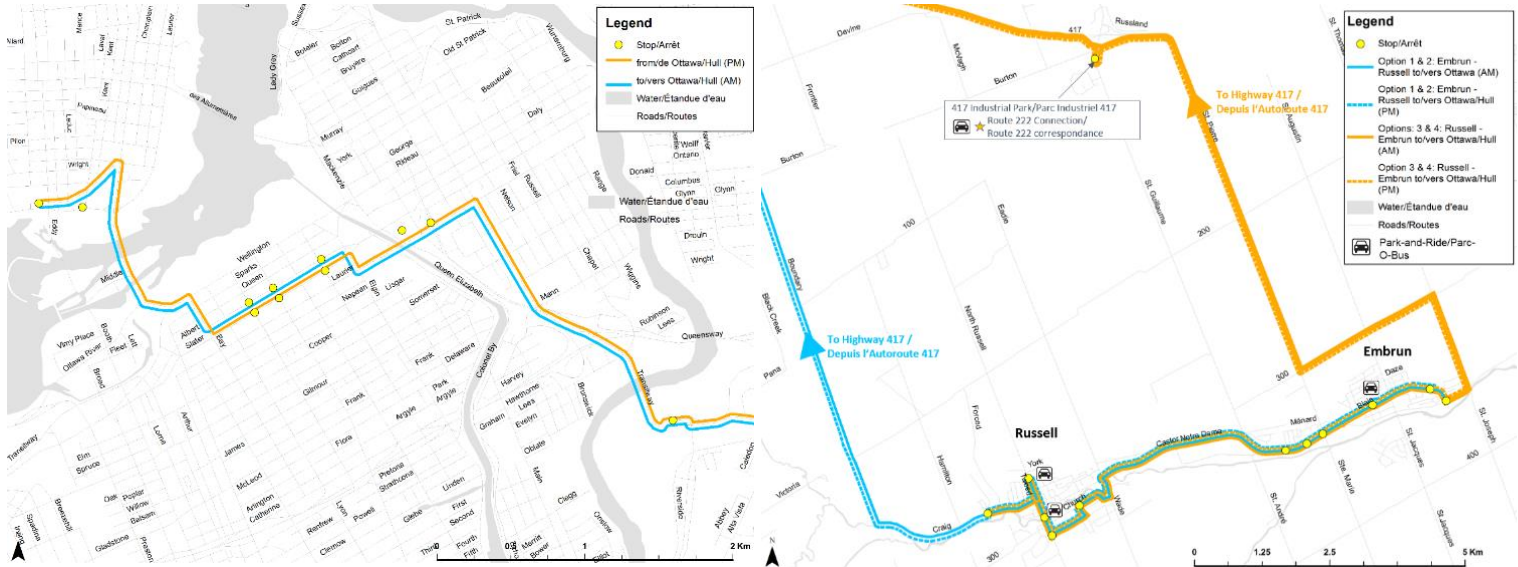


Figure 2-9: Former Russell Transpo Service

Private service similar to that provided by Russell Transpo is now provided by a private operator, **417 Bus Line Ltd.** This service became available in 2023, offering connections from downtown Russell and Embrun to Ottawa via Route 528.

- Frequency: Tuesdays to Thursdays only, one route per day in each direction (to Ottawa in the AM peak, to Russell in the PM peak)
- Cost: Monthly pass = \$300, package of 10 one-way rides = \$225, single ride = \$25.



Figure 2-10: 417 Bus Line Service

In 2019 the United Counties of Prescott and Russell launched **PR Transpo** to provide public transit service within UCPR. While initially operating on a fixed route schedule, it eventually shifted to on-demand service due to low ridership. However, the service was terminated in 2023 due to a lack of ridership.

- Frequency: Initially fixed routes varied by day. Ultimately shifted to on-demand service within UCPR.
- Cost: Package of 10 one-way rides = \$45, single ride = \$5.

2.8 Traffic

Various levels of traffic data were available at the outset of the study, including intersection turning movement counts, and roadway segment counts between intersections. Given the impact of the COVID-19 pandemic on travel patterns within the National Capital Region (NCR), it was felt that new traffic counts were required to supplement this data. This ensured that the TMP was based on the most recent and accurate information possible. Traffic volume data was collected between March 2024 and April 2024 for the weekday morning (AM) and afternoon (PM) peak hours, when traffic volumes tend to be the highest due to commuter traffic. Raw traffic counts collected as part of the TMP are provided in Appendix B. Figure 2-11 and Figure 2-12 show a summary of existing AM and PM peak hour trip volumes by corridor.

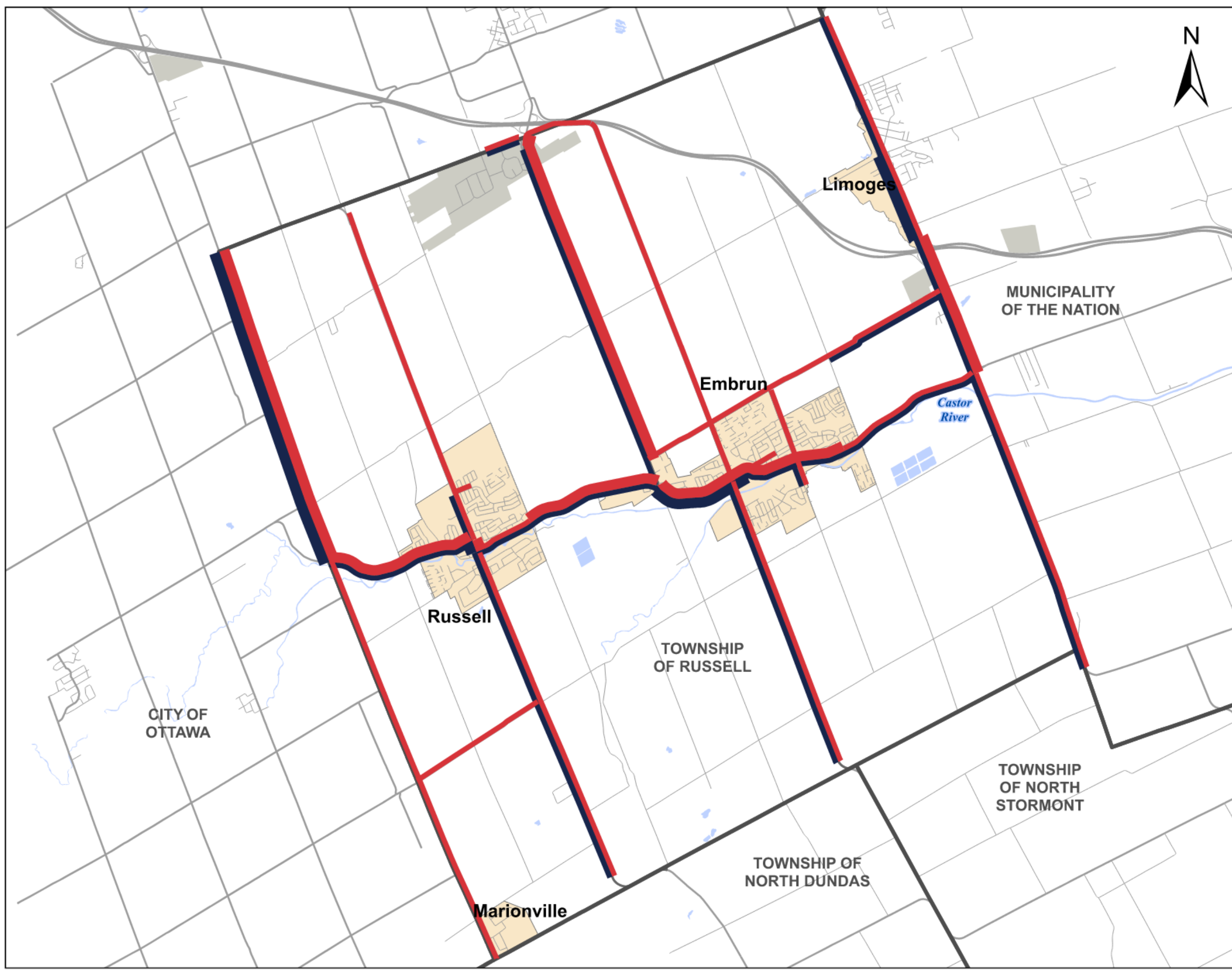
An analysis of the existing intersection operations was undertaken for key intersections across the Township. The analysis was undertaken using Synchro traffic modelling software to calculate signalized intersection operation level of service, and Arcady roundabout modelling software to calculate roundabout operation level of service. Intersection performance for motorists is based on the concept of Level of Service (LOS). In general, LOS ranges from 'A' to 'F' with 'F' representing failure conditions. For intersections, the Highway Capacity Manual (HCM) defines LOS in terms of delay, a surrogate measure which accounts for driver discomfort and frustration, fuel consumption, and increased travel time. Table 2-4 illustrates the HCM LOS ratings based on signalized intersection delays.

Table 2-4: Level of Service Definitions

Level of Service	HCM Signalized Delay	HCM Stop Control Delay
A	≤ 10 s	≤ 10 s
B	> 10 – 20 s	> 10 – 15 s
C	> 20 – 35 s	> 15 – 25 s
D	> 35 – 55 s	> 25 – 35 s
E	> 55 – 80 s	> 35 – 50 s
F	> 80 s	> 50 s

Figure 2-13 summarizes intersection operational analysis for the key intersections across the Township for the AM and PM peak hours. Under existing (2024) peak hour traffic conditions most intersections operate at acceptable levels of service meaning motorists experience few delays (LOS 'A'-'C') when moving through an intersection.

Only one intersection, Notre-Dame / Limoges in the PM peak hour, operates at a LOS 'D' or worse, which indicates that motorists may begin to experience noticeable delays (LOS 'D' or greater). In addition, there are some approaches to intersections that operate with notable delays during the PM peak hour. These include the eastbound approach at St-Guillaume / Enterprise, and the southbound approaches to Notre-Dame / Ste-Marie, Notre-Dame / Limoges, and Notre-Dame / Independent Grocery Store Commercial Access.



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound AM



0 300 500 1000 Vehicles per Hour (vph)

Eastbound and Southbound AM



0 300 500 1000 Vehicles per Hour (vph)

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

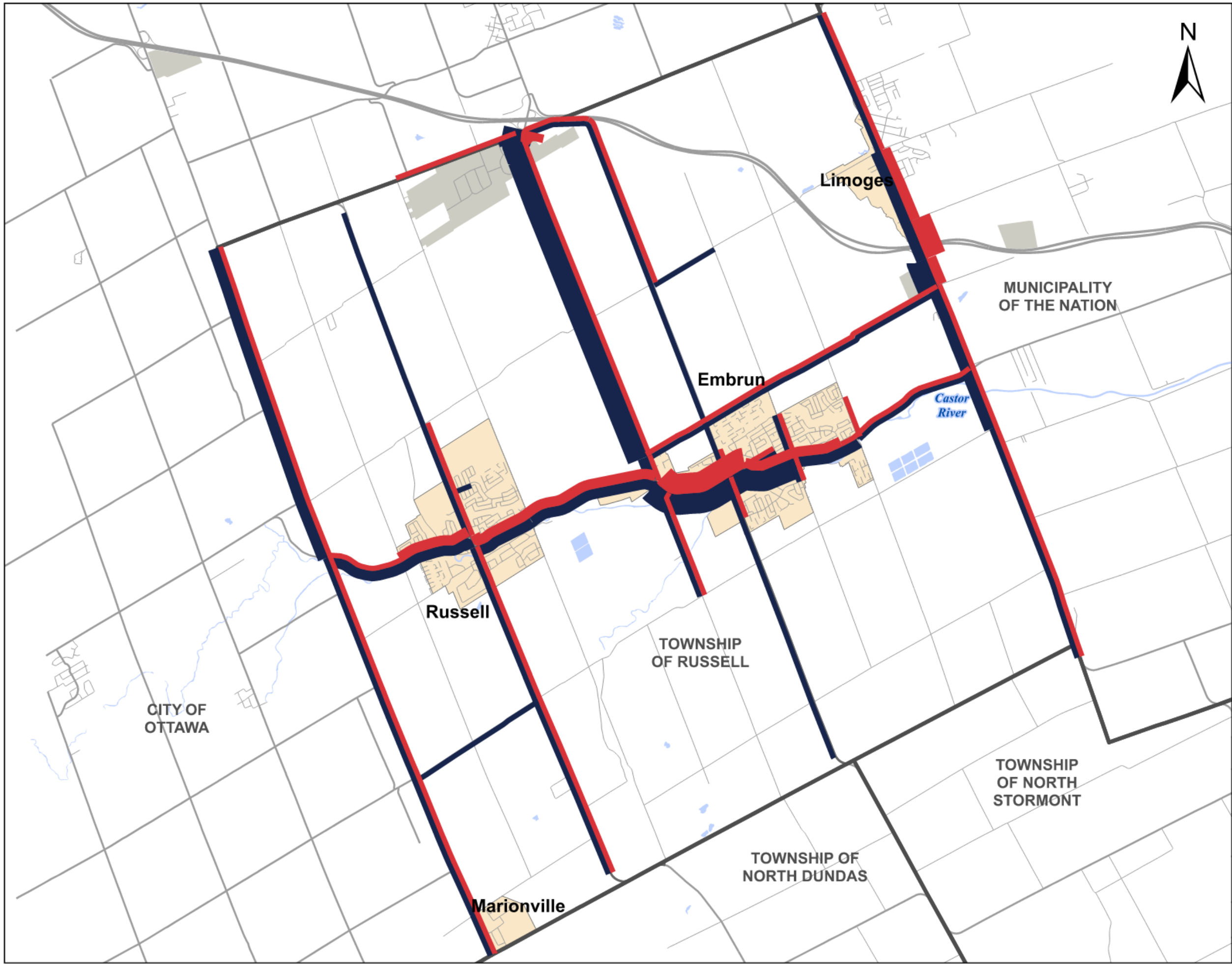


TITLE:
Existing AM Peak Hour Traffic Volumes

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
April 2025

Figure 2-11



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound PM



Eastbound and Southbound PM



Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

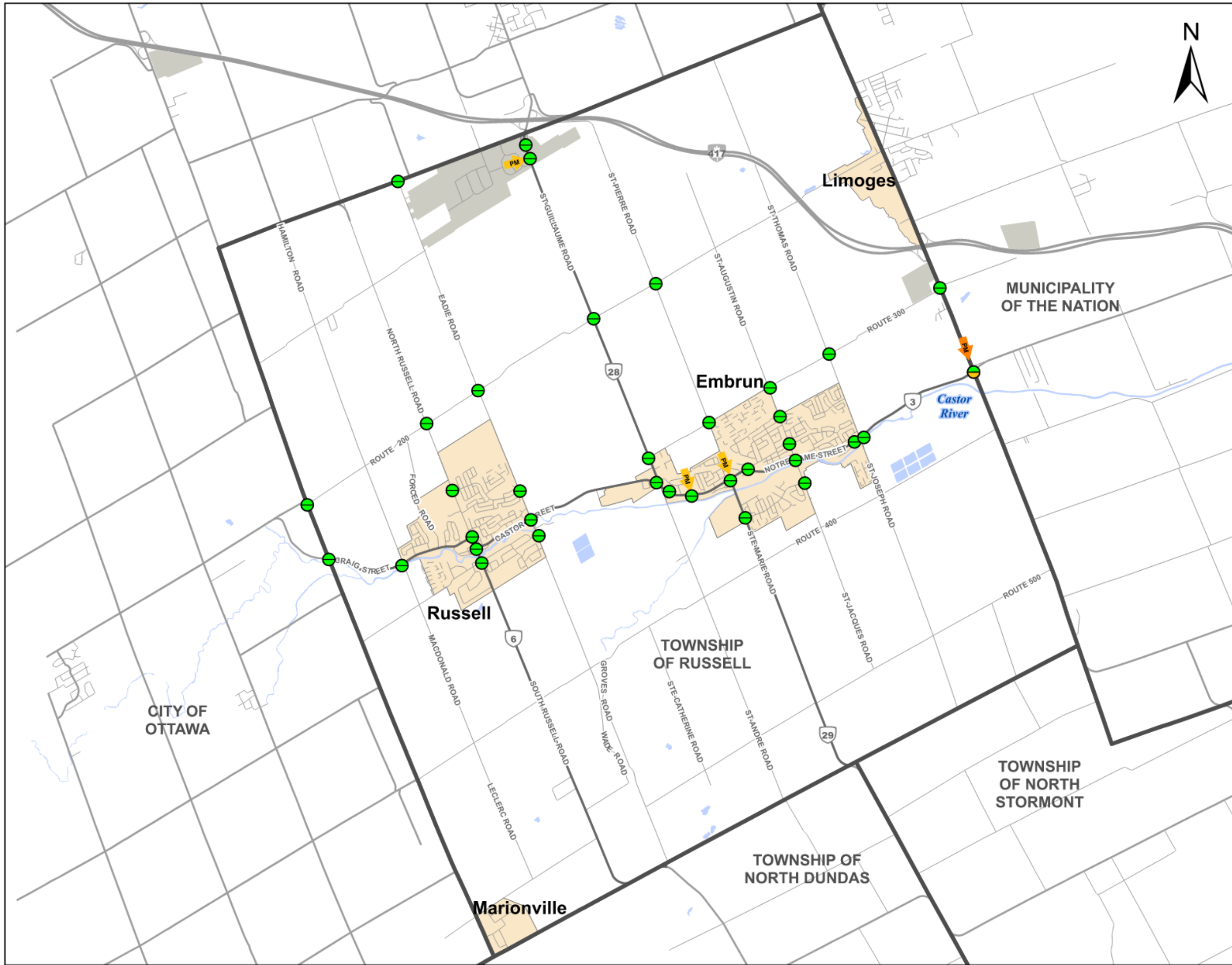



TITLE:
Existing PM Peak Hour Traffic Volumes

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
April 2025

Figure 2-12





Municipalité de
RUSSELL
Township

LEGEND

Urban Boundaries

Municipal Boundaries

Employment Areas

Transportation Network

Expressway / Highway / Freeway

Arterial / Collector

Local Roads

County Roads

New Roads

Intersection Level of Service (LOS)

AM
PM

A - C

D

E

F



Approach Level of Service (LOS)

D

E

F

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

now 

SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
Existing Traffic Operations

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
April 2025

Figure 2-13

2.9 Collisions

Collision data available from 2014 to 2023 indicates intersections and road segments that may be concerning from a road safety perspective. A total of 129 intersection collisions were recorded in the ten-year period. St-Guillaume / Route 200 and Castor / Eadie - Wade had the highest number of intersection collisions (7). Intersections along Route 200 are among the top intersection collisions, including St-Guillaume, Eadie, St-Pierre, and Boundary.

There were 93 total midblock collisions. Notre-Dame between St-Andre and St-Pierre-Ste-Marie, and St-Guillaume between Route 100 and Route 200 had the highest number of collisions (8). Detailed collision data can help assess location-specific road safety issues and support data-driven safety improvement initiatives.

Table 2-5: Collision Data

Intersections	Intersection Collisions (129 Total)
St-Guillaume / Route 200	7
Eadie / Route 200	4
St-Pierre / Route 200	6
Boundary / Route 200	5
Gregoire / Route 300	4
North Russell / Burton	5
Castor / Eadie - Wade	7
St-Thomas / Notre-Dame	6
Concession / Mill	4
Segments	Segment Collisions (93 Total)
Notre-Dame between St-Andre and St-Pierre - Ste-Marie	8
Notre-Dame between Blais and St-Augustin - St-Jacques Road	5
Notre-Dame between St-Thomas and Limoges	5
St-Guillaume between Route 100 and Route 200	8

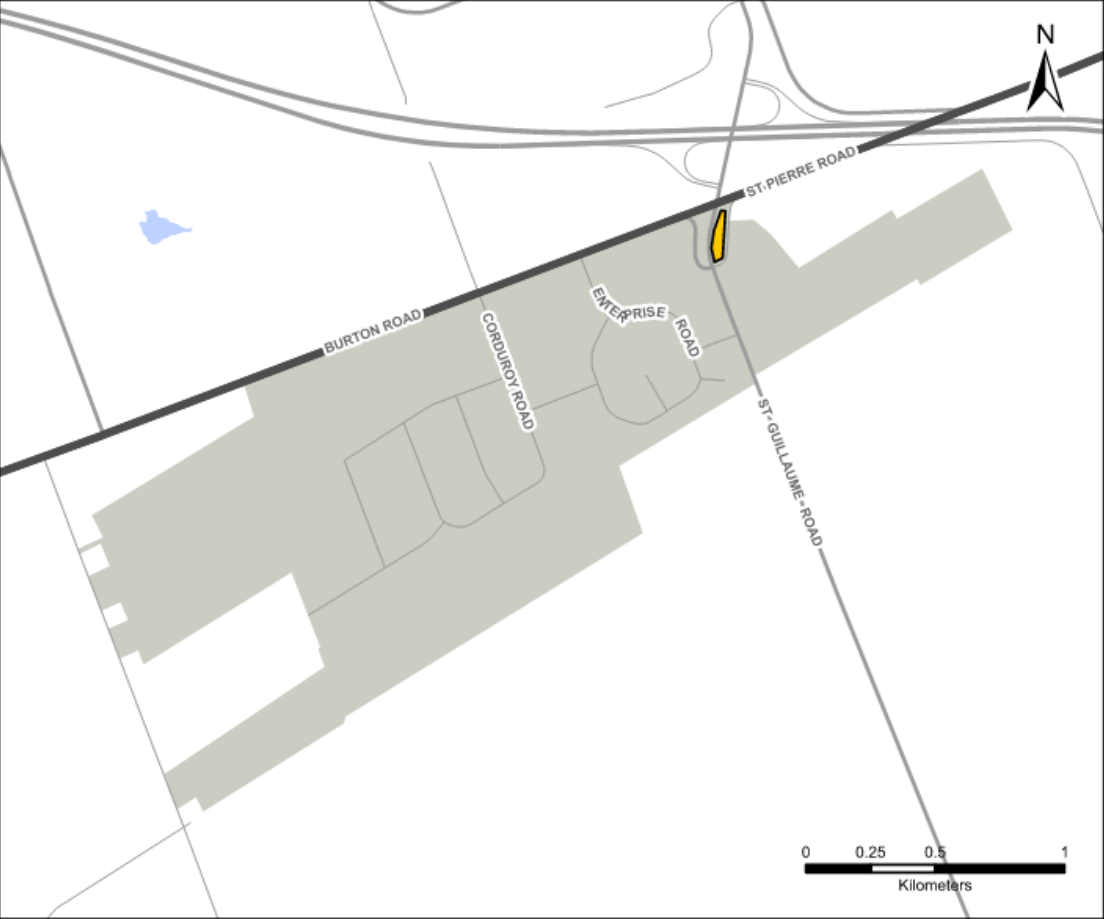
2.10 Parking

There are 16 parking lots maintained by Russell and their locations are shown in Figure 2-14. The parking lots support recreational and community services.

- Recreation – Embrun Arena, Richelieu Park, Sportsplex, Dog Park, Yahoo Park, Russell Arena, Duncanville Park, Russell Pool, NYCFT parking at Route 200 and Blais Street
- Other Community Services – Town Hall, Russell Library, Russell Ride Share, Vars Car Park

On-street parking is generally permitted for three hours unless posted regulatory signs suggest otherwise. From November 1 to April 1, nightly on-street parking is permitted except when Winter Parking Ban Alerts are issued. During snow removal, temporary “No Parking” signs may be posted as well. Designated overnight parking areas are provided in 48 parking spots at four locations during a winter parking ban.

Highway 417 Industrial Park



Russell



Embrun



Municipalité de
RUSSELL
Township

LEGEND

- Multi-Use Pathway
- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Parking Lots

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



now



TITLE:

Parking Lots

PROJECT:

Transportation Master Plan Update,
Township of Russell

DATE:

April 2025

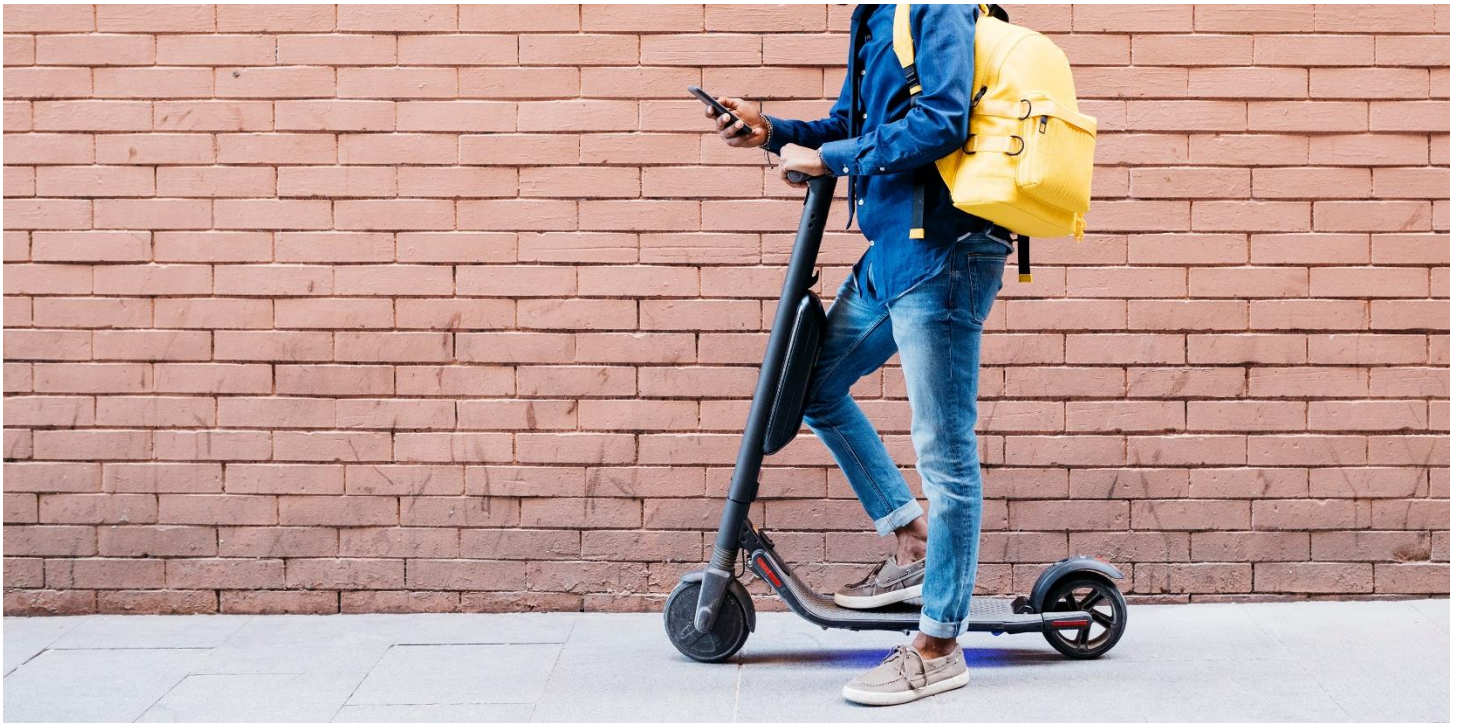
Figure 2-14

2.11 Goods Movement

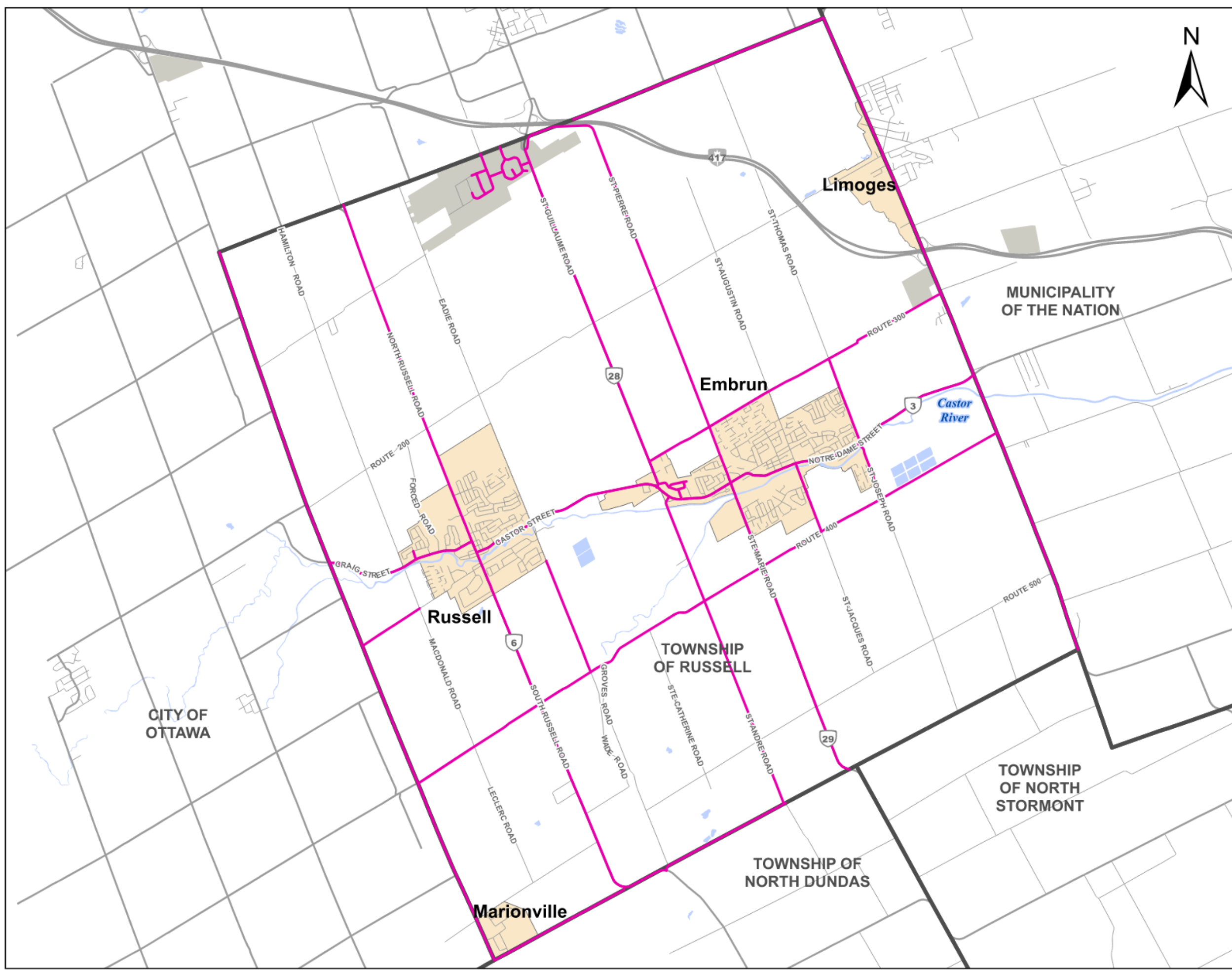
Heavy truck routes are provided throughout the Township, generally located outside of the village centres. This is beneficial to residents, as it minimizes conflicts between heavy vehicles and other transportation users, improving safety for the Township. Notably, east-west heavy trucks are required to travel on Route 300 or Route 400, while north-south heavy trucks are required to travel on North Russell Road and St-Andre. The only roadways within the villages that heavy trucks can travel on are North Russell Road, Wade, St-Andre, St-Pierre, St-Jacques, St-Thomas, St-Joseph, and Broadway. In addition, heavy trucks are permitted within the industrial area around Industrial and Bay. Figure 2-15 shows the heavy truck routes through the Township.

2.12 New Mobility

New mobility refers to innovative and sustainable transportation solutions that have emerged in response to evolving societal needs and advances in technology. New mobility includes ride-sharing, bike-sharing, electric scooters, autonomous vehicles, and other innovative approaches designed to enhance efficiency, accessibility, and environmental sustainability in the transportation sector. Currently, the Township doesn't have any by-laws that address new mobility.



The emergence of new mobility will continue to challenge communities, and Russell must be prepared to embrace new mobility solutions to meet the evolving needs of its residents and ensure sustainable transportation options for the future. With advancements in technology and changing demographics, the traditional modes of transportation are undergoing transformation. By proactively planning and implementing policies and infrastructure to support these innovations, the Township can foster a more efficient, accessible, and equitable transportation system. Embracing new mobility requires collaboration with stakeholders, robust regulatory frameworks, and investments in infrastructure and technology to create a seamless and integrated transportation network that serves the diverse needs of the community.

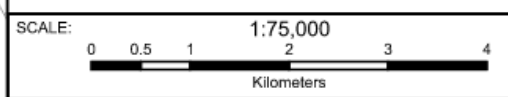


Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
 - Heavy Truck Routes

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE:
Heavy Truck Routes

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: May 2025

Figure 2-15

3 Emerging Trends & Future Needs

3.1 Demographic Trends

According to a recent Growth Management Strategy Update by Hemson, population growth in the United Counties of Prescott and Russell (UCPR) has been and will continue to be the result of net migration of people from the City of Ottawa. Although slowing from 2031 to 2046 as the population ages, the major driver of the growth is young families seeking affordable single-detached homes. The rate of housing growth in the UCPR will outpace the rate of population growth over the next 25 years, with a shift from single-detached homes towards medium- and higher-density housing forms that encourage intensification, transit-supportive communities, and a more compact urban form. From a transportation perspective, the implications of these demographic shifts could be far-reaching:

- When younger families move into a community, transportation dynamics shift in several ways:
 - An increase in demand for family-friendly infrastructure. More families mean a greater need for safe pedestrian pathways, cycling facilities, and accessible public transit.
 - Traffic patterns change due to school drop-offs, daycare commutes, and family-oriented activities that can lead to peak-hour congestion in areas where these institutions are located.
 - Increase in demand for transit, as younger families often rely on public transportation, prompting necessary improvements to routes and service.
 - Walkability and safety become priorities, requiring communities to invest in better sidewalks, crosswalks, and traffic-calming measures to accommodate families with young children.
- In addition, communities with a growing population of people aged 65 and older may shift the transportation dynamics in other ways.
 - As individuals age, mobility challenges such as reduced physical ability, vision impairments, and chronic health conditions can limit the capacity to drive. This creates a growing demand for accessible, affordable, and reliable transportation options tailored to older adults.
 - Communities may face increased pressure to provide alternative transportation solutions, such as paratransit services, senior shuttles, or ride-sharing programs. In rural areas where public transit is often limited, these challenges are even more pronounced. Without adequate transportation, older adults risk social isolation and reduced access to essential services like healthcare, which can negatively impact their overall well-being.



- Moving beyond transportation, it will be important to develop urban design and land use policies that address the needs of older residents. In particular, policies are needed that encourage compact, mixed-use, walkable communities. Seniors housing should be located in close proximity to shops and services, and well-served by transit.

There has also been a growth in employment within Russell, which has come to better support the growing population as shown in Figure 3-1. The population to employment (P/E) ratio has declined by an annual rate of 2.5% from 2011 to 2021, and is projected to decline by an annual rate of 0.6% from 2021 to 2045. This is a positive change for the Township, as it indicates employment opportunities are growing within the municipality, resulting in a higher share of internal trips (i.e., trips that both start and end within the Township). These trips tend to be shorter in distance, and therefore are easier to encourage residents to shift from driving to alternative modes of transportation, such as walking, cycling, or transit.

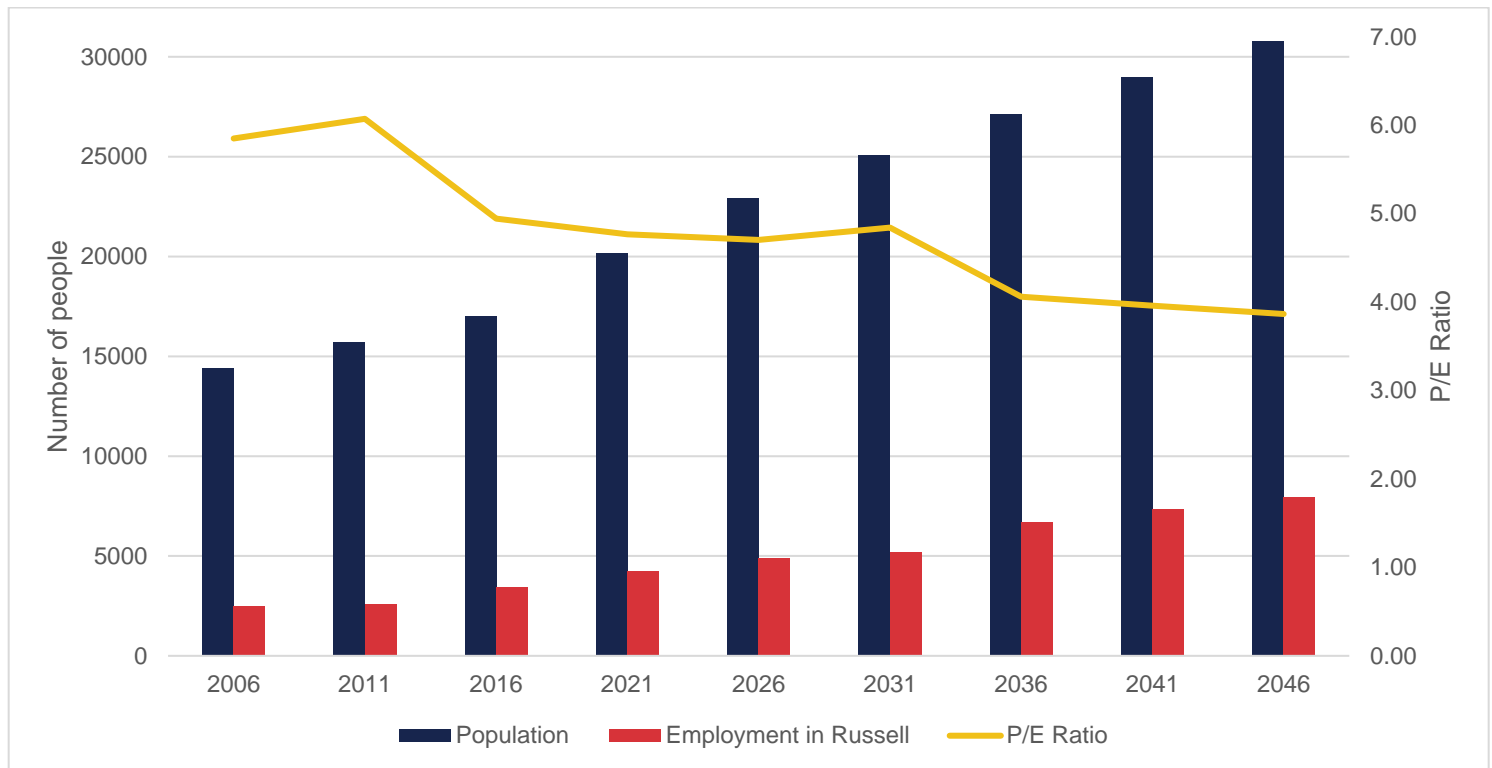


Figure 3-1: Population/Employment Ratio

Another demographic change that may have an impact on the Township's transportation network is that certain major retailers will not look to enter a market until a minimum population threshold is met. So as the Township grows it may become more attractive to major retailers, which in turn will create more employment opportunities within the community.

3.2 Social Trends

Today's teenagers and younger adults aged 16 to 30 are making less trips and shorter trips than their similarly aged counterparts in the past. This can be attributed to several notable trends, such as:

- **Lower licensing rates and reduced car ownership:** Fewer teens are getting driver's licenses compared to previous generations. For example, in the U.S., the percentage of 16-year-olds with a driver's license dropped from around 46% in 1983 to under 25% in recent years. Economic factors, urban living, and shifting values (less emphasis on car ownership as a status symbol) contribute to this trend.

- **Public transit and active transportation:**

While still limited by coverage in many cities, including Russell, young adults are more likely to use transit, especially in urban areas. Walking and biking have gained popularity due to environmental concerns, health consciousness, and urban design improvements like protected cycling facilities.

- **Micromobility and car-sharing services:**

Shared scooters and bikes have seen increased usage, especially for short urban trips, while car-sharing (e.g., Communauto, Zipcar, etc.) also appeals to young adults seeking flexibility without the costs of ownership.

- Apps like **Uber and Lyft** are widely used by younger populations, both as a convenience and as a substitute for owning a car.

- **Climate change awareness and sustainability values** influence transportation choices (see below).

- **Urbanization and lifestyle preferences** favoring mixed-use, walkable communities reduce reliance on personal vehicles.



3.3 Sustainability & Climate Change

Climate change is one of the most pressing issues facing the world today. From a transportation perspective, changing climate patterns pose two major challenges:

1. Transportation infrastructure must be able to withstand climate changes that are already underway
2. Greenhouse gas emissions from transportation must be reduced to avert further climate impacts



The first challenge will require upgrading existing infrastructure where necessary and adopting new design standards and practices to ensure that roads, bridges, and culverts can withstand projected temperature changes and storm events that are more frequent and severe. The second challenge will require a host of strategies targeting vehicle fuel efficiency and travel behaviour.

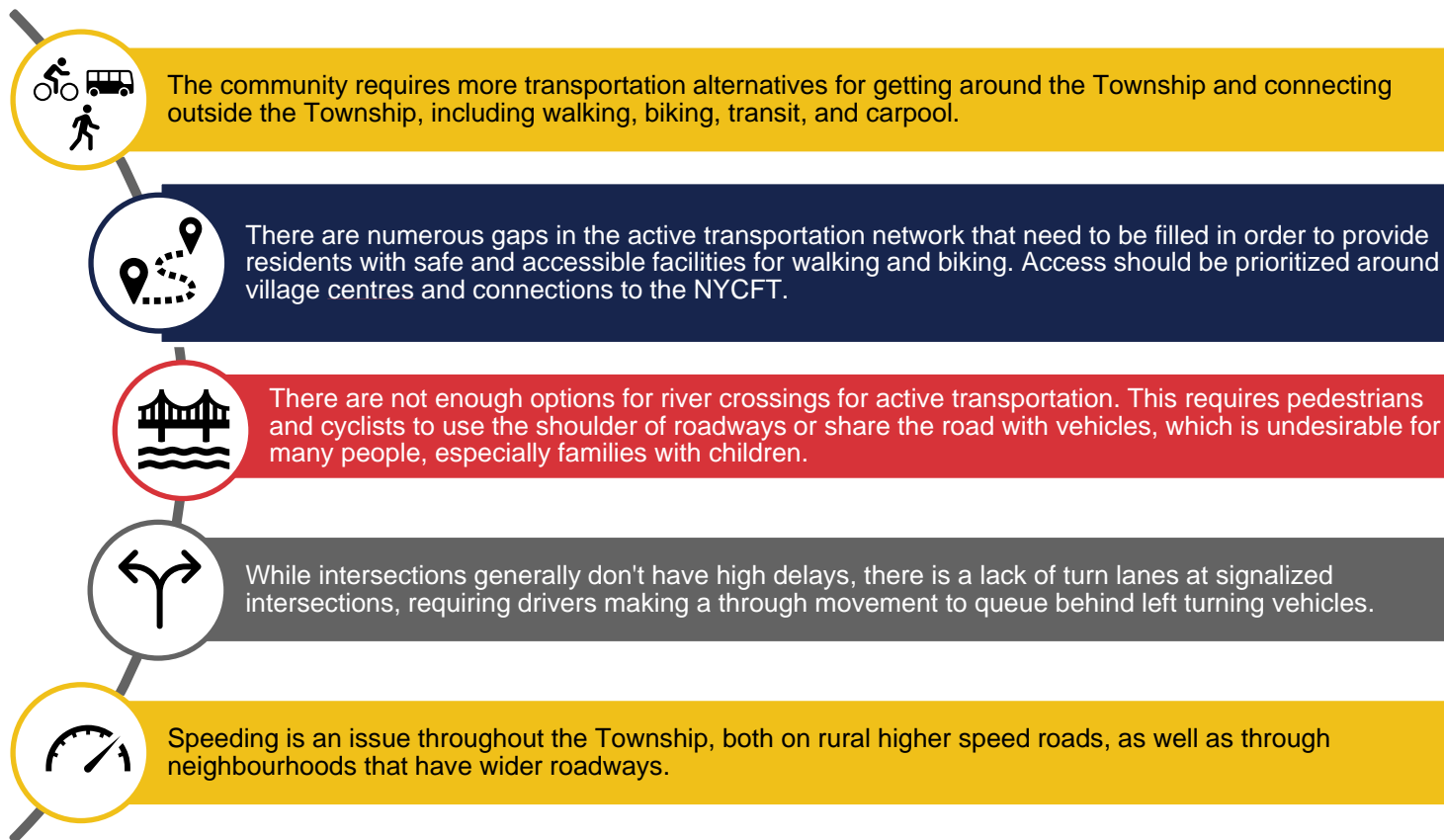
In response to the climate change challenge and other social and environmental issues that have come to the forefront in recent years, there is a growing awareness of the negative impacts of automobile use and the importance of sustainability, prompting a change in social values. Such change is evidenced by the much greater attention being given to alternative travel modes in municipalities across North America. Indeed, one of the key changes to the Provincial Policy Statement (“PPS”) is an “Increased recognition of the need to prepare for the regional and local impacts of a changing climate”. This change will be included in Russell Township’s new Official Plan, expected to be released in the same time period as this study. The vision for the Russell TMP, as outlined in Section 4, calls for a sustainable transportation system that accommodates all modes.

3.4 Future Needs & Opportunities

3.4.1 WHAT WE HEARD

Residents and stakeholders had multiple opportunities to provide valuable feedback on shaping the Russell TMP, including numerous stakeholder and advisory committee meetings, as well as two public information sessions. The feedback received from residents is of utmost importance to the development of the Needs & Opportunities, as few people understand the transportation network of a community better than its residents.

The following provides a general overview of the major takeaways we heard regarding the transportation network within Russell Township.



3.4.2 DEVELOPMENTS & TRAFFIC FORECASTS

To forecast traffic growth at an intersection level within Russell Township, specific lands that are anticipated to be developed or redeveloped within the horizon of the TMP were provided by Township staff. As the development of the TMP was occurring in parallel with the update to the Official Plan, the development lands are consistent with the assumptions in the OP. Most developments are located within the existing urban boundaries for Russell, Embrun, Limoges, or the 417 Industrial Park, and consist of low- to mid-density residential, commercial or industrial development.

Industrial developments were isolated to the 417 Industrial Park, as well as the lands around Industrial and Bay in Embrun. Commercial development was restricted to areas around Village Main Streets such as Notre-Dame, Castor, Concession and Craig, or in the commercial area around St-Guillaume / Notre-Dame and St-Guillaume / Route 300. Residential developments were spread across the Township, with larger amounts focused in North Russell and North Embrun.

Trip generation followed the Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th Edition for appropriate land uses, including low- and mid-rise residential, commercial, and industrial, amongst others. Trips were generated using equations from the ITE Trip Generation Manual for the peak hour of the roadway. A reduction was applied to the trips to account for the increase in work from home (WFH) following the COVID-19 pandemic, largely felt to be in the order of 30% as of 2024 data.

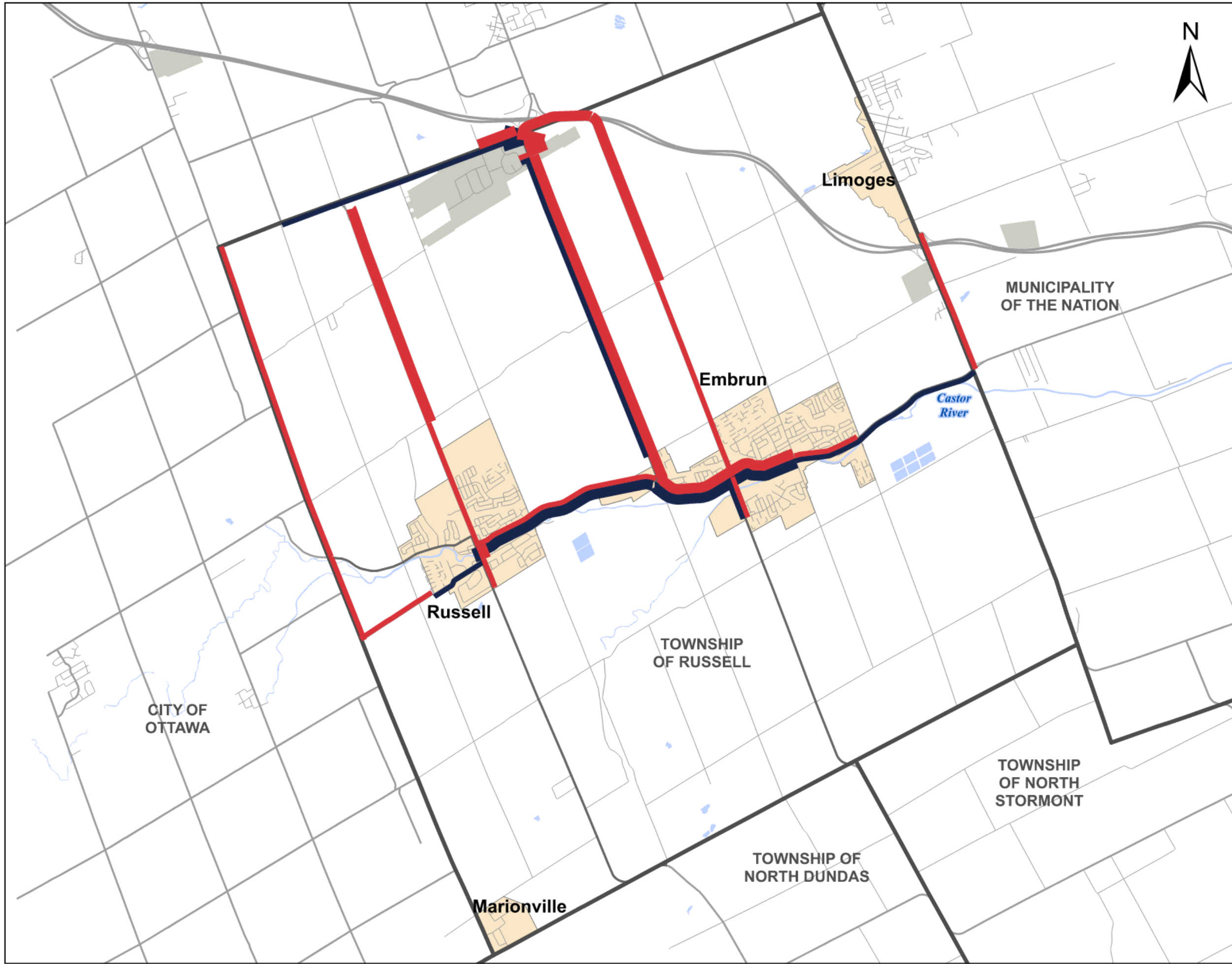
Trip distribution to the roadway network followed 2021 Canadian Census data, as shown in the table below. The majority of commuter trips are to and from the City of Ottawa or remain within the Township. Trips remaining within the Township were split proportionally according to population and employment numbers for the villages.

Table 3-1: Russell Township Commuter Destinations (Source: 2021 Canadian Census)

Percentage	Destination
45%	Ottawa / Gatineau
44%	within Russell Township
3%	The Nation
3%	Casselman
3%	South (SGD, Cornwall, etc.)
1%	North (Clarence Rockland)
1%	East (North Glengarry, Hawkesbury, Champlain)
100%	Total

Trips were assigned to the most direct route from each individual development to the destination. As development lands are pushed further north in Russell and Embrun, this resulted in an increase in traffic on roadways north of the villages that currently carry lower volumes, such as Route 200 and Route 300.

Figure 3-2 through Figure 3-5 show the volume of trips generated for the 2034 and 2044 horizons in the AM and PM peaks.



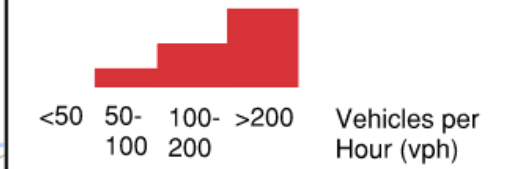
Municipalité de
RUSSELL
Township

LEGEND

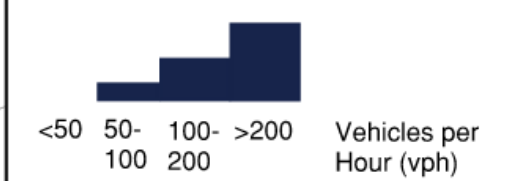
- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound AM



Eastbound and Southbound AM



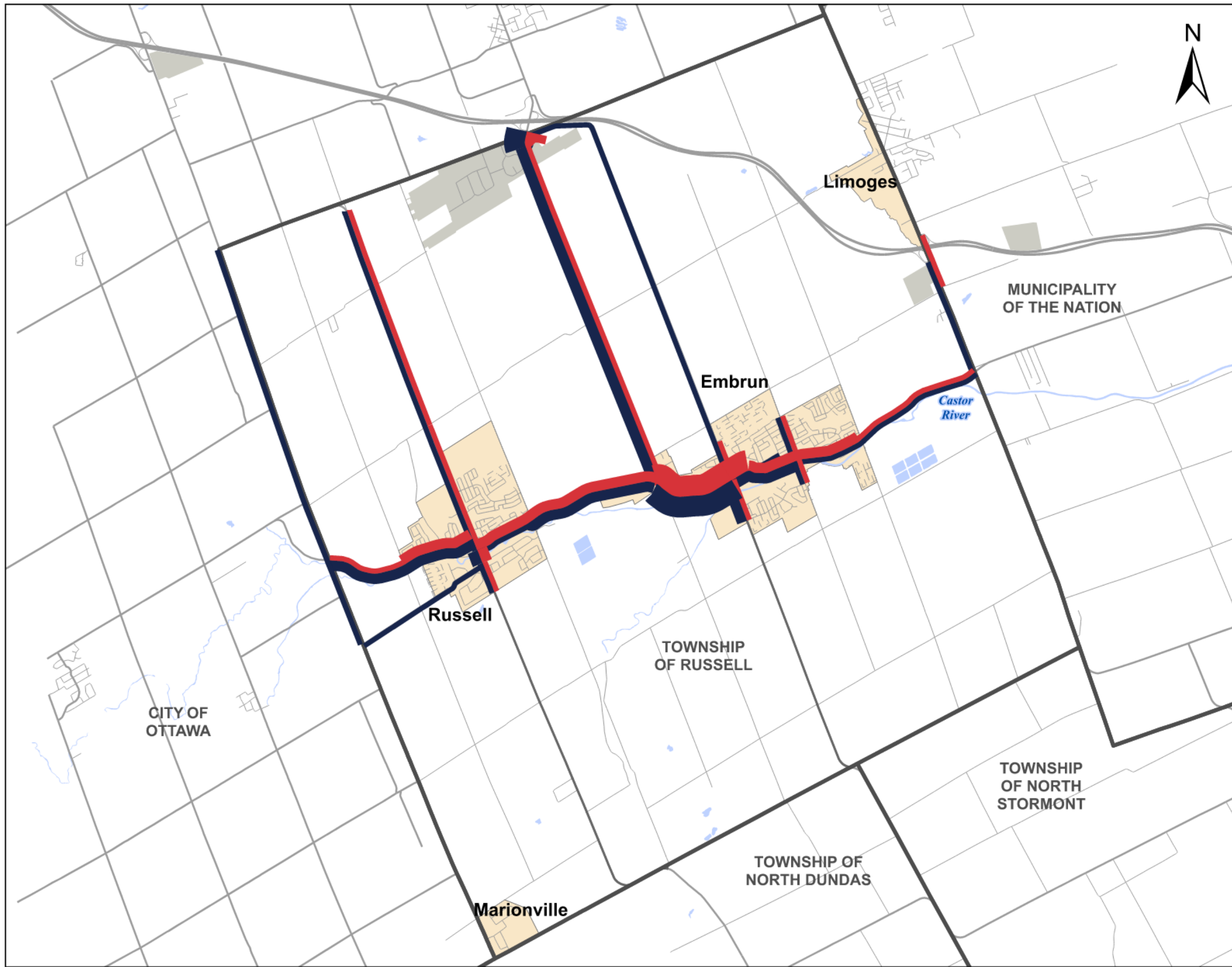
Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE:
2034 Horizon AM Peak Hour Trips

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: April 2025



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LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound PM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Eastbound and Southbound PM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



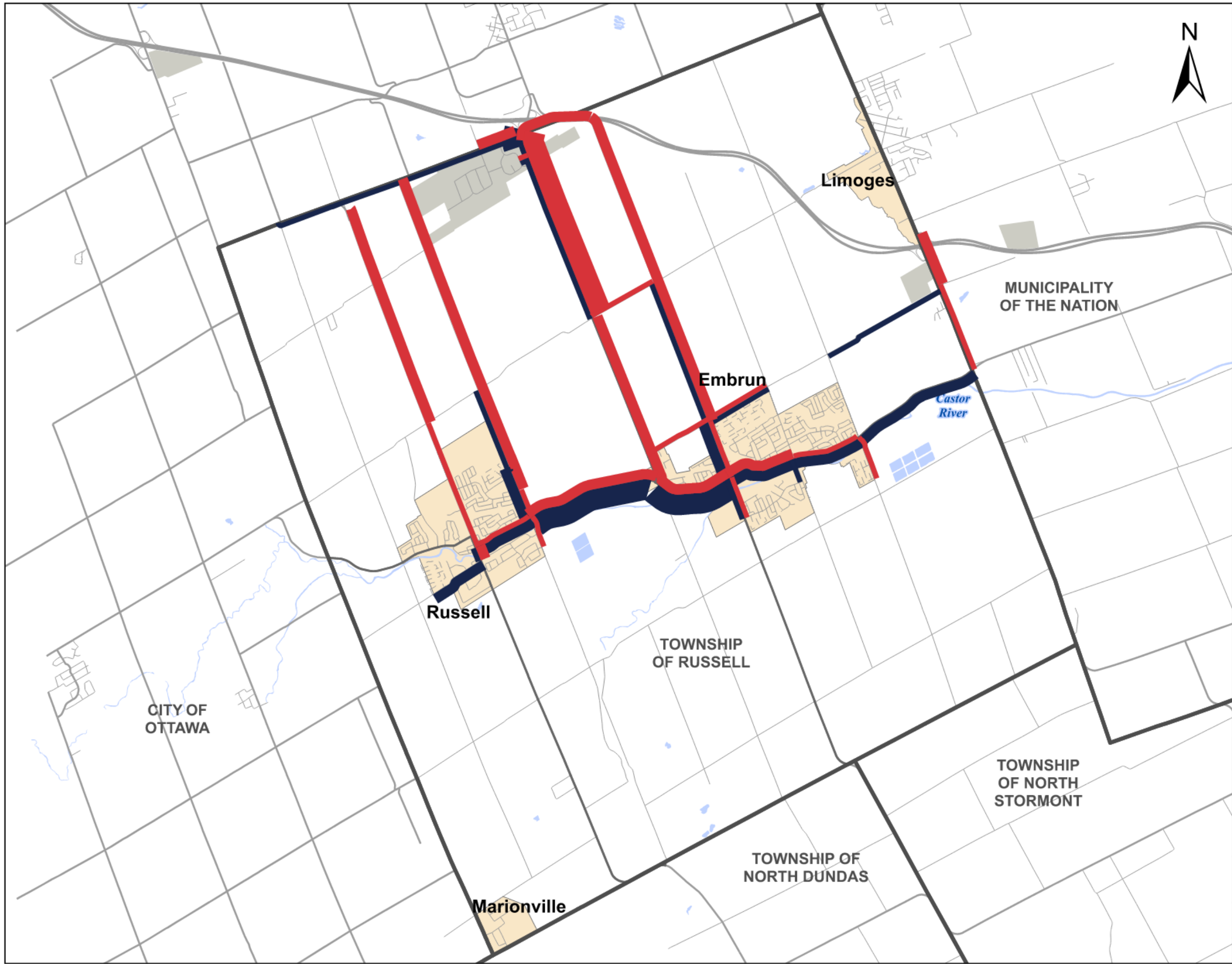
SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
2034 Horizon PM Peak Hour Trips

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
April 2025

Figure 3-3



Municipalité de
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Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound AM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Eastbound and Southbound AM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



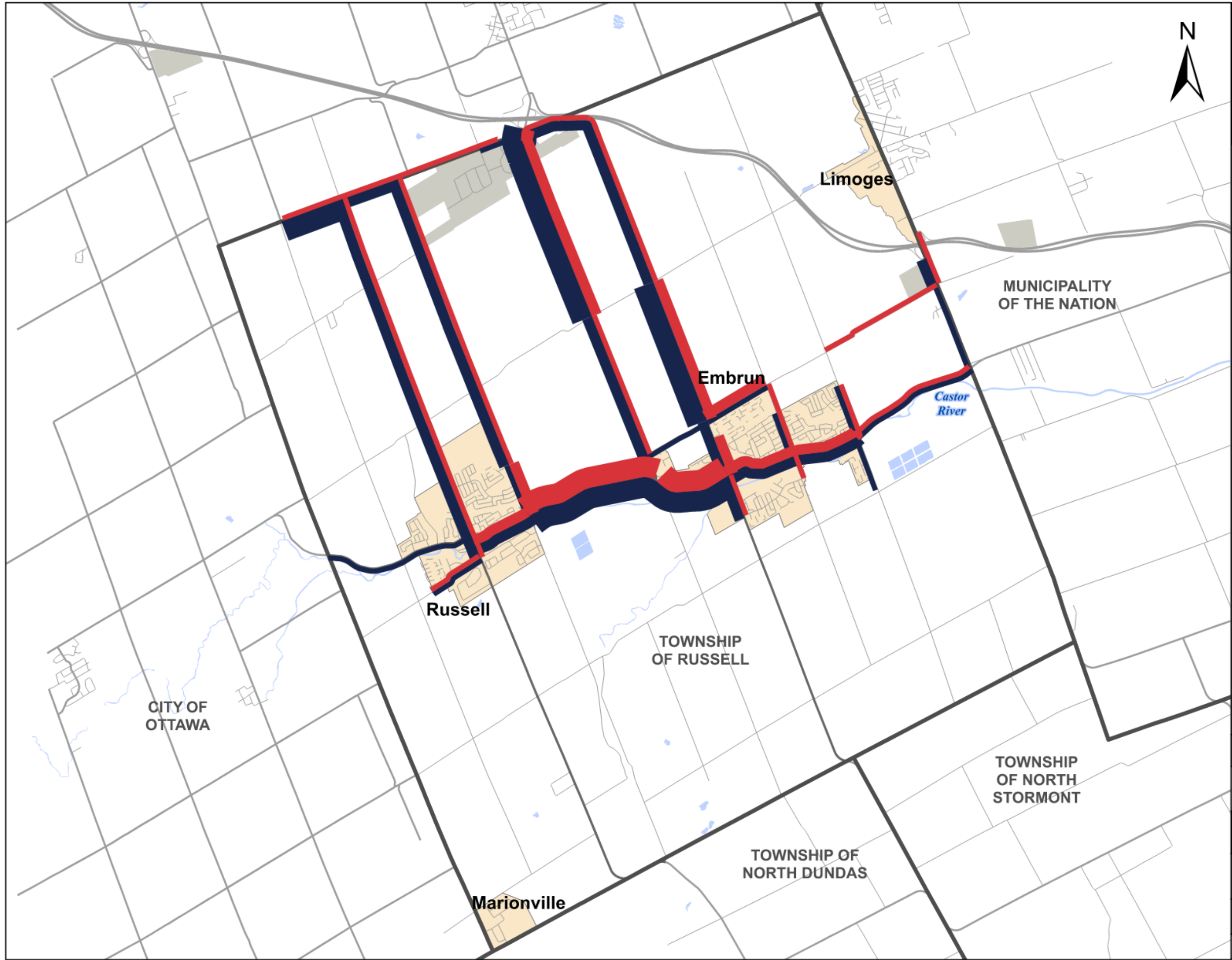
SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:

2044 Horizon AM Peak Hour Trips

PROJECT: Transportation Master Plan Update,
Township of Russell

DATE: April 2025 Figure 3-4



Municipalité de
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Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas

Peak Hour Traffic Volumes

Westbound and Northbound PM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Eastbound and Southbound PM



<50 50- 100- >200 Vehicles per
100 200 Hour (vph)

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
2044 Horizon PM Peak Hour Trips

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: April 2025 Figure 3-5

3.4.3 RECENT & COMMITTED IMPROVEMENTS

As the Township has been undergoing rapid growth, there have been numerous recent improvements and changes to the transportation network. Some of those changes are listed below, alongside committed projects. The distinction of “committed improvements” is important, as it only applies to projects that have an approved budget by the Township.

- **Recent Improvements**

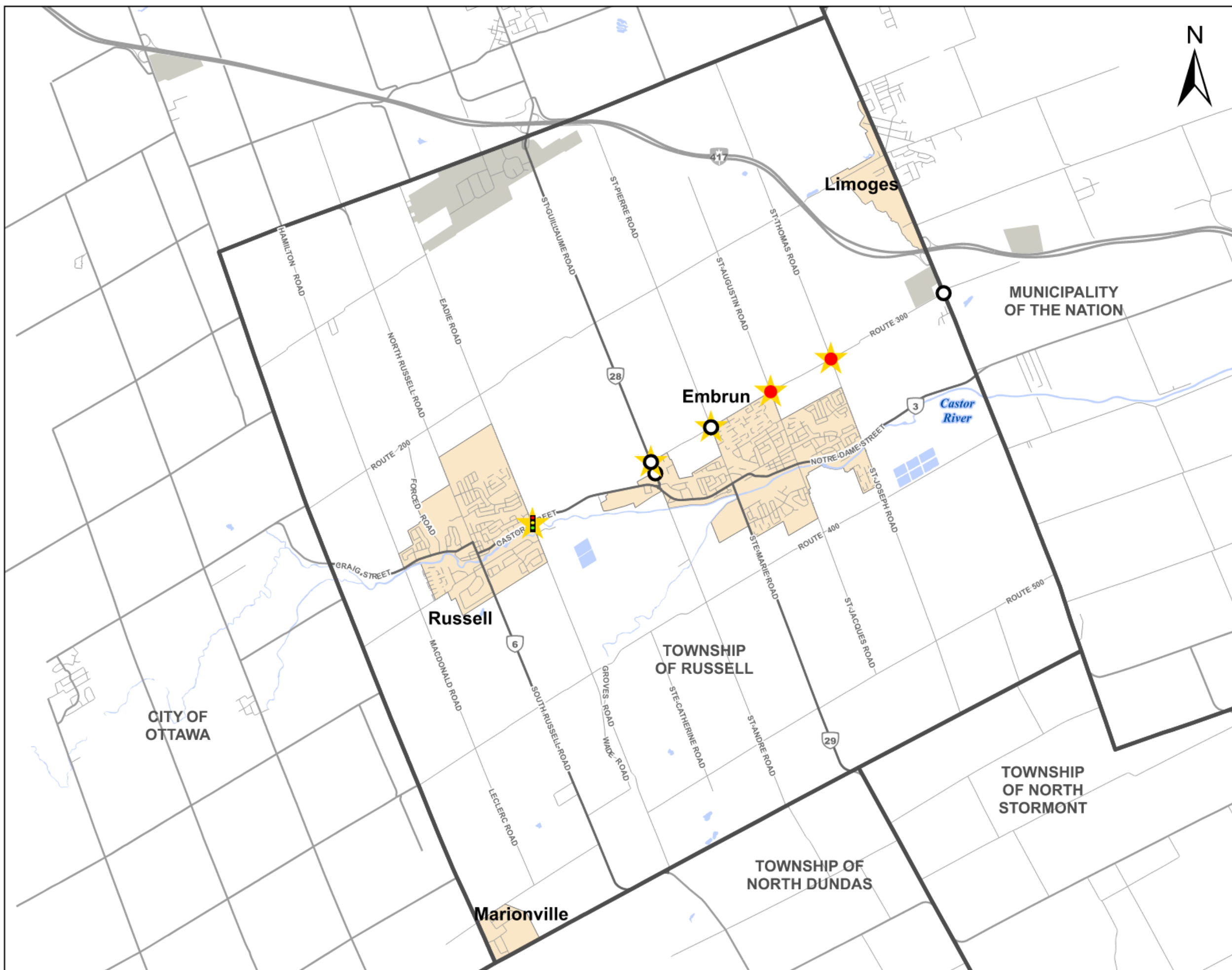
- A new roundabout located between Notre-Dame Street and Route 300, providing access to the expanding commercial area in Embrun.
- A new roundabout at the intersection of Limoges / Route 300, as shown in the figure below.



- **Committed Improvements**

- A traffic signal at the intersection of Castor / Eadie – Wade, including crosswalks on all four approaches of the intersection. Construction is planned for 2025.
- Route 300 Intersection Improvements Project, including roundabouts at the intersection of Route 300 / St-Guillaume and Route 300 / St-Pierre, and turning lanes at Route 300 / St-Augustin and Route 300 / St-Thomas. Construction is planned for 2026.

Figure 3-6 shows the location of the recent and committed improvements to the roadway network. The “Recent Improvements” were already included in the existing conditions operational analysis. The “Committed Improvements” will be included in the future traffic operations analysis.



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LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Recent Improvement**
 - Roundabout
- Committed New Improvement**
 - Roundabout
 - Intersection Improvement
 - Traffic Signal

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE: **Recent & Committed Road Network Improvements**

PROJECT: **Transportation Master Plan Update, Township of Russell**

DATE: **May 2025** **Figure 3-6**

3.4.4 OTHER STUDIES

While Section 1.5 summarized other guiding plans and studies that helped to shape the Transportation Master Plan, this section highlights some of the ongoing or completed studies parallel to the TMP that had a bearing on the assessment of future conditions and opportunities. The recommendations from these studies do not fall in the “Planned Improvements” highlighted in Section 3.4.3, as they do not have confirmed budgets or timelines for construction.

- **417 Industrial Park Traffic Impact Study, January 2025** – This study reviewed the impact to the transportation network from the proposed development of 58 acres (23 hectares) of land in the industrial park. Intersection operation analysis was undertaken at five intersections including Burton / Eadie, St-Guillaume / Enterprise, Burton / Corduroy, Burton / Enterprise, and St-Guillaume / Burton – St-Pierre. The study found that the existing road network could accommodate all trips from the proposed development. The only movement operating poorly was the eastbound approach to St-Guillaume / Enterprise, which is projected to operate poorly in the future background conditions even without the development in place. This is in line with the analysis of the St-Guillaume / Enterprise intersection in the TMP. No improvements were recommended to the transportation network.
- **Notre-Dame Traffic Study, November 2024** – As part of the proposed reconstruction of Notre-Dame from St-Guillaume to Blais, this study reviewed traffic operations on Notre-Dame to determine if a three-lane or four-lane cross-section was required. The analysis included two signalized intersections and nine stop-controlled intersections. Based on the analysis for the existing conditions, all signalized and unsignalized intersections operate well with a LOS ‘C’ or better during both AM and PM peak hours, which is consistent with the analysis in the TMP. The recommended cross-section for this project is a hybrid solution that provides a three-lane cross-section for the majority of Notre-Dame Street, except for at the signalized intersections of Notre-Dame / Independent Grocery Store Commercial Access and Notre-Dame / Ste-Marie – St-Pierre, where a four-lane cross-section (i.e., two through lanes in each direction, plus auxiliary left turn lanes) is proposed. These recommendations are in line with the analysis in the TMP, which shows poor operations at both signalized intersections in the 2044 Do Nothing scenario.
- **Russell Township Recreation Complex Traffic Impact Study, July 2024** – This study reviewed the impact to the transportation network from the proposed development of a recreation complex on the same property as the existing Russell Township Sports Dome. Intersection operation analysis was undertaken at four intersections including Notre-Dame / Sportsplex, Notre-Dame / Valoris, Sportsplex / Sports Dome Parking, and Notre-Dame / St-Guillaume. The study found that all intersections within the study area will operate acceptably up to the 2026 future background conditions, which is in line with the conclusions from the TMP. With the development in place, lengthy queues were anticipated at the intersection of Notre-Dame / Sportsplex in the PM peak hour. To alleviate this issue, it was recommended that the northbound left turn movement from Sportsplex be restricted, requiring any westbound traffic from the site to make a northbound right turn and circle the roundabout at Notre-Dame / St-Guillaume. This recommendation is projected to alleviate the queuing concerns on Sportsplex Street, and will not have an overly negative impact on the operations at the roundabout.

3.4.5 FUTURE TRAFFIC OPERATIONS

An analysis of the future intersection operations was undertaken based on existing and committed intersection configurations. The selected horizon years are 2034 and 2044, aligning with the 10- and 20-year horizons from the start of the TMP study. The 2044 horizon generally aligns with the 2046 horizon used in the Growth Management Strategy Update, as the land use growth projections pertaining to 2046 was assumed to be realized by the 2044 for the purposes of this TMP. As noted above, any planned improvements that have been approved by Township Council are assumed to be in place for both horizons. This analysis is considered the 'Do Nothing' scenario, as no other improvements to the road network are included here beyond those previously identified, such as planned improvements.

Figure 3-7 and Figure 3-8 summarize the intersection operational analysis for the key intersections in the AM and PM peak hours, for the 2034 and 2044 horizon years, respectively. Under future conditions most intersections continue to operate at acceptable levels of service, meaning motorists experience few delays (LOS 'A'-'C') when moving through an intersection. There are five intersections that operate with a notable delay (i.e., LOS 'D' or worse) in the 2034 horizon, and six intersections that operate with a notable delay in the 2044 horizon. These intersections are shown in the table below.

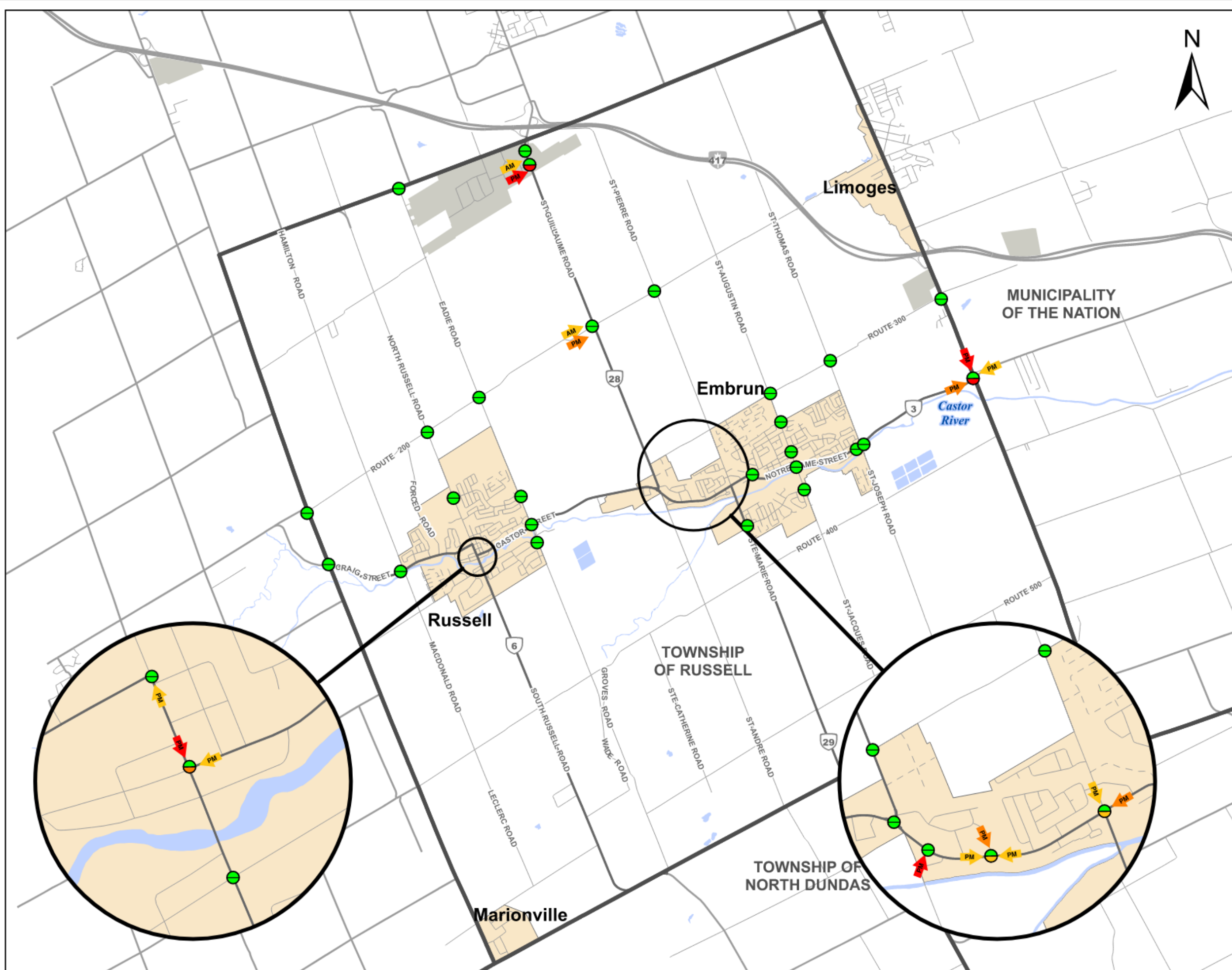
Table 3-2: Intersections with High Delay in Future Horizons

Intersection	2034		2044	
	LOS	Peak Hour	LOS	Peak Hour
St-Guillaume / Enterprise	F	PM	F / F	AM / PM
Castor / Concession	E	PM	E / F	AM / PM
Craig / Concession	-	-	D / F	AM / PM
Notre-Dame / Independent Grocery Store Commercial Access	D	PM	F	PM
Notre-Dame / Ste-Marie – St-Pierre	D	PM	D / F	AM / PM
Notre-Dame / Limoges	F	PM	F	PM

In addition to the intersections noted above, there are approaches to some intersections that also operate with notable delay, even if the overall intersection isn't operating poorly. These approaches are noted in the table below.

Table 3-3: Specific Intersection Approaches with High Delay

Intersection	Approach	2034		2044	
		LOS	Peak Hour	LOS	Peak Hour
Craig / Concession	Northbound	D	PM	N/A - See Table 3-2	
St-Guillaume / Route 200	Eastbound	D / E	AM / PM	F / F	AM / PM
Notre-Dame / St-Andre	Northbound	F	PM	F	PM
Notre-Dame / St-Jacques – St-Augustin	Northbound, Southbound, Eastbound	-	-	D	PM
Notre-Dame / St-Joseph	Northbound	-	-	D	PM



Municipalité de
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LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Intersection Level of Service (LOS)**
 - AM PM
 - A - C
 - D
 - E
 - F
- Approach Level of Service (LOS)**
 - D
 - E
 - F

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

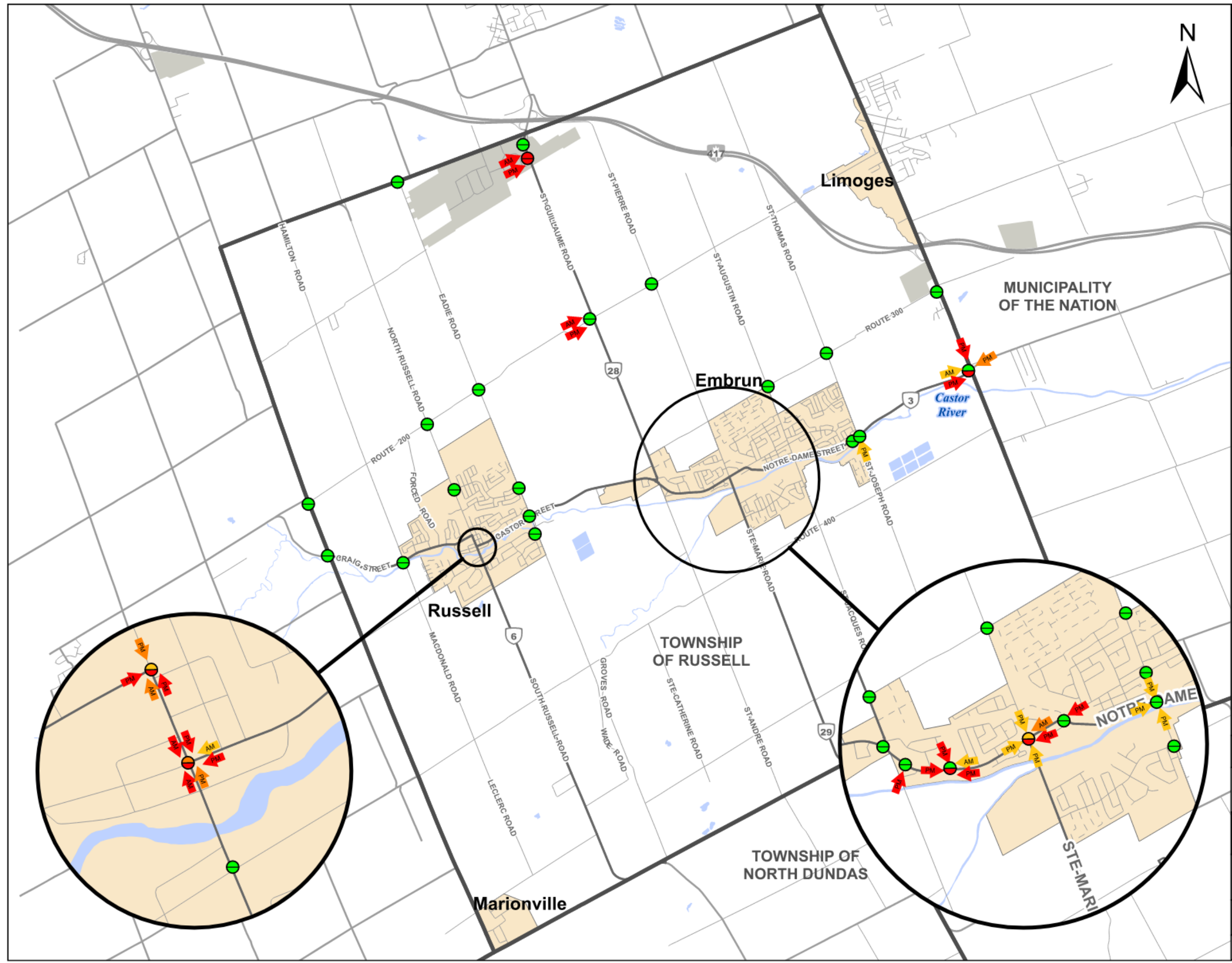


SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
Future 2034 Do Nothing Traffic Operations

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: April 2025 Figure 3-7

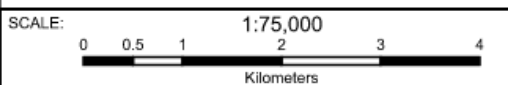


Municipalité de
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Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Intersection Level of Service (LOS)**
 - AM PM
 - A - C
 - D
 - E
 - F
- Approach Level of Service (LOS)**
 - D
 - E
 - F

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

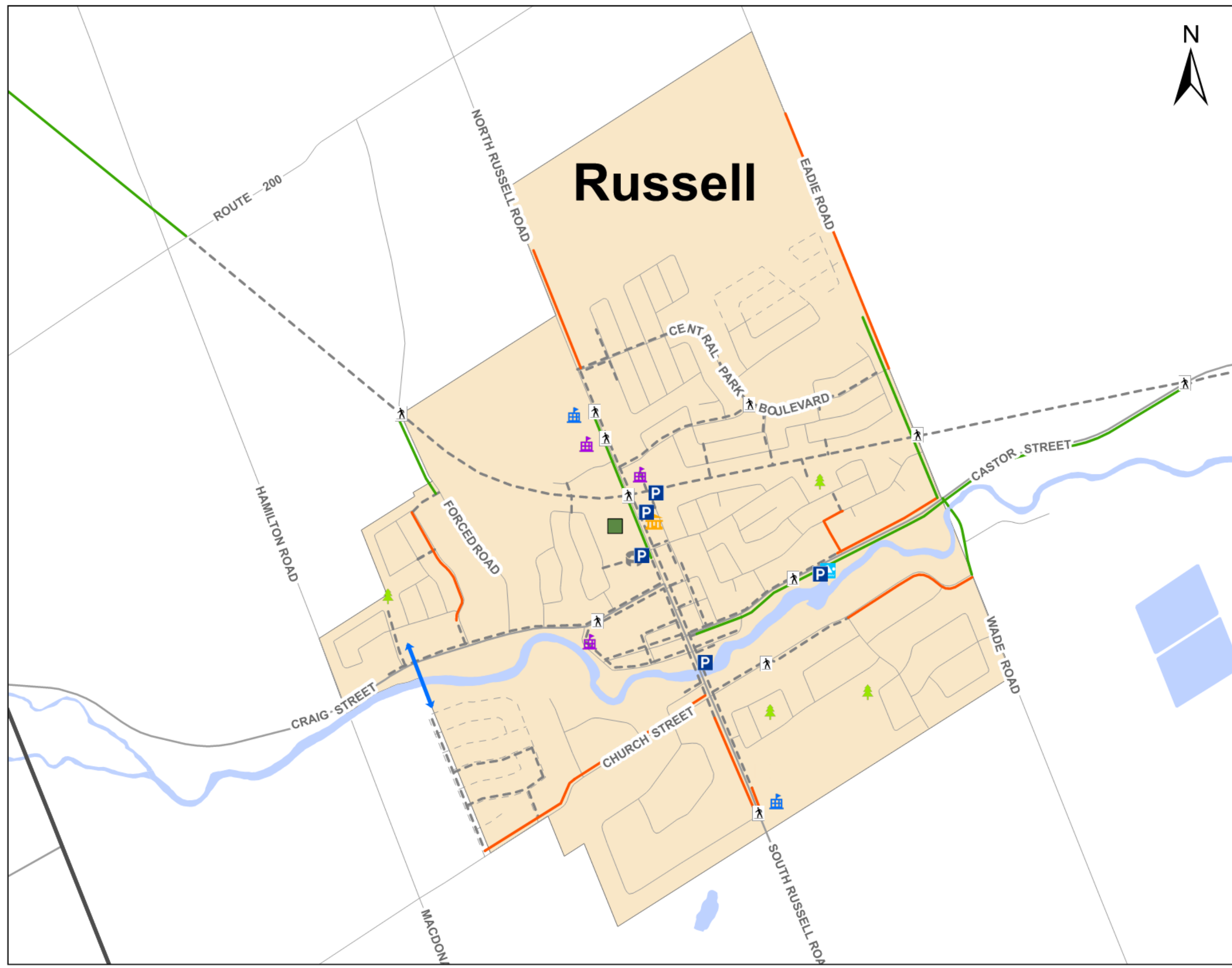


TITLE: Future 2044 Do Nothing Traffic Operations	
PROJECT: Transportation Master Plan Update, Township of Russell	
DATE: April 2025	Figure 3-8

3.4.6 ACTIVE TRANSPORTATION



A review of the existing active transportation network was undertaken to identify any potential gaps in connectivity for pedestrians and cyclists. The principles that guided this review and assessment are expanded upon in Section 5.2. This review was enhanced through discussions and consultation with Township staff and the Stakeholder and Advisory Committees. In addition, at the first public information session residents had the opportunity to markup maps of the Township to highlight gaps in the active transportation network, or highlight potential areas for improvement. Figure 3-9 and Figure 3-10 on the subsequent pages show the identified gaps within the pedestrian and cycling networks in the Township.

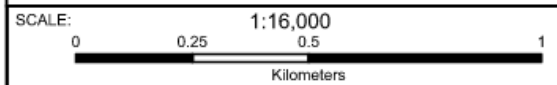


Municipalité de
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Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light
- Existing and Planned Pedestrian Facilities
- Connectivity Gaps**
 - Multi-Use Pathway
 - Sidewalk
 - Active Transportation Bridge

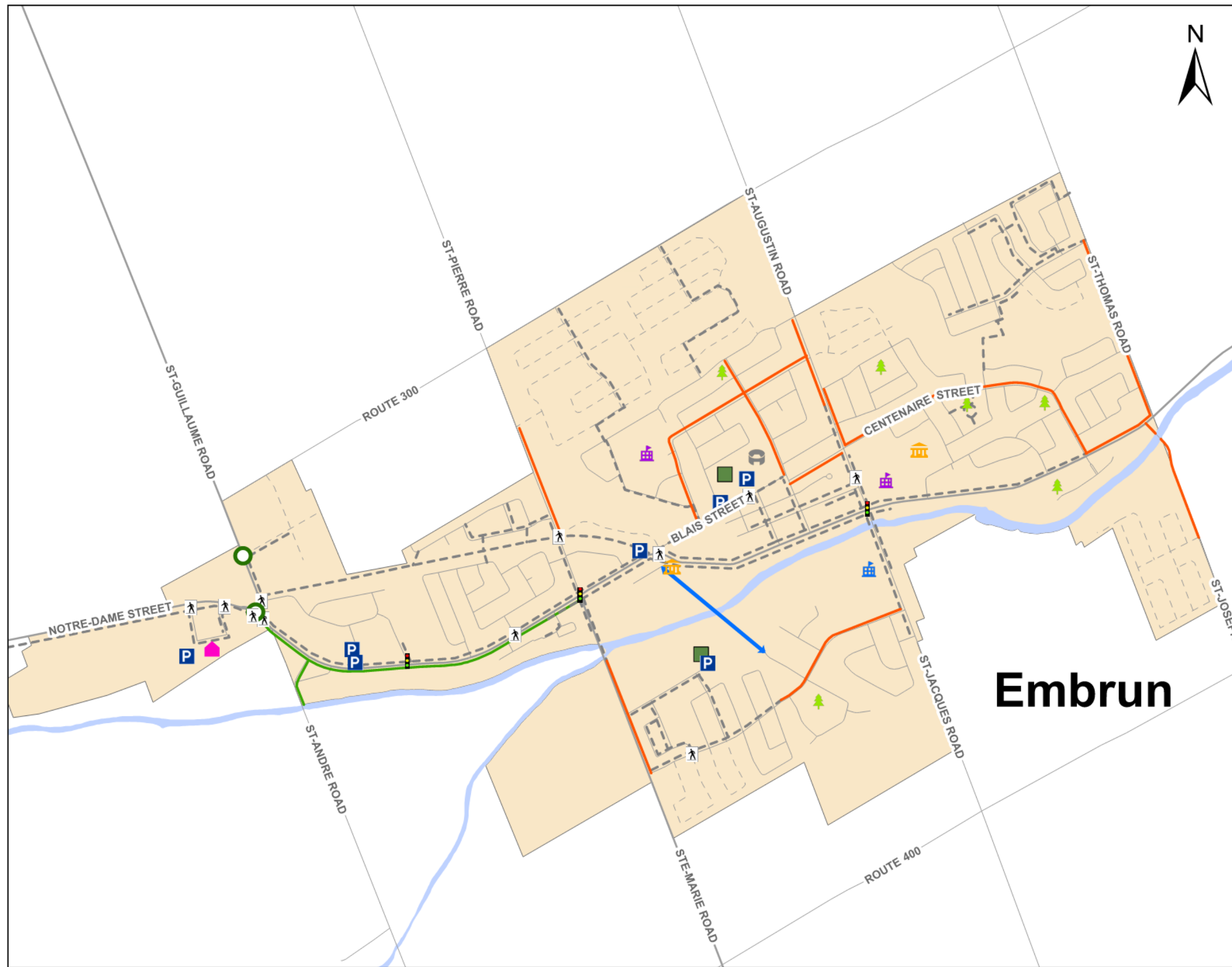
Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE:
Connectivity Gaps - Russell

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: May 2025



Municipalité de
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Township

LEGEND

- Urban Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light
- Existing and Planned Pedestrian Facilities
- Connectivity Gaps**
- Multi-Use Pathway
- Sidewalk
- Active Transportation Bridge

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



SCALE: 1:17,000
0 0.25 0.5 1
Kilometers

TITLE:
Connectivity Gaps - Embrun

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
May 2025

Figure 3-10

3.4.7 TRANSIT

As outlined in Section 2.7, transit service for Russell Township has seen a significant change in the last 10-15 years. Due to various service offerings and price points, commuter transit mode share has fluctuated from 0.7% to 4.2% during that time. Transit service in Russell Township should serve two key purposes:

1. Reducing congestion and greenhouse gas emissions, while accommodating 30% growth in population over the next 20 years.
2. Providing alternatives and equity for those who do not have access to a vehicle or those who cannot drive such as youth, seniors, or persons with disabilities.

Given the various changes to transit service in Russell Township, an updated feasibility study is recommended to evaluate the current landscape and opportunity for promoting transit in the Township. A transit feasibility study presents an excellent opportunity to assess the possibilities of an attractive, affordable and sustainable transit service for all residents, including those that cannot afford or do not have access to a vehicle, cannot physically drive due to various reasons such as age or ability, or would like to have an environmentally sustainable option in lieu of driving a vehicle.



The population density of Russell Township is around 98.6 persons per square kilometer. Although traditional fixed-route bus services are not usually feasible at this relatively low-density level, several alternative transit options have been found to be feasible and have implemented successfully in such lower density communities. Examples of such transit options include:

- Car sharing / short-term rental programs: This is the most basic form of car share and includes share programs such as car share/cooperative. Existing car share operators in Ontario include Communauto (which operates in Ottawa and Kingston) and Zipcar (which operates in the Greater Toronto Area).
- Ridehail / ridesharing programs: This is the most basic form of ridesharing and includes share programs such as rideshare and vanpools. Examples include Uber, Lyft, as well as existing taxi services. Ride share programs can also be subsidized by the Township in order to pass on savings to users who are willing to book a shared ride with other residents.
- On-demand service / microtransit systems: Also known as on-request service, this is the availability of service within pre-defined areas and between certain times of the day. It can be available to residents of these areas but can also be open to the general public or offered as an accessible subscription service to those with disabilities that are unable to take regular transit. This service is typically delivered by a third-party operator using minivans. ODT can be hailed through smartphone apps, websites, or by phone, making it accessible to various user groups. North Grenville (Eastern Ontario) and Cobourg (Central Ontario) offer this type of service, and Pembroke will be launching such a service later this year.
 - On-request home-to-hub service: This is a more efficient on-demand service where one of the destinations are fixed such as a town centre, a park and ride facility or a transit exchange. This type of service acts as a feeder service to other higher-level services such as frequent or regional transit services and is also known as first mile – last mile service. On-request services have

become popular in recent times with the development of smartphone technology that allows for dynamic vehicle dispatching.

- **Scheduled service with route deviations:** This is fixed route service with areas where deviations from the route within certain distances are permitted. Within these areas, the transit service may deviate from its route on an on-demand basis to pick up and drop off riders. Service is typically delivered with light-duty buses to accommodate off-route manoeuvrability. The Lanark Transportation Association, which serves Lanark County west of Ottawa, successfully provides a service similar to this but uses vans rather than buses.
- **Fixed-route service:** Scheduled service with frequencies that may vary by the time of day and day of week with clearly marked stops. Scheduled services can be classified according to the function of the route and route characteristics (frequency, vehicle capacity and bus stop spacing). This will involve using contextual maps depicting major land use destinations, service areas and primary transportation corridors. As part of this type of service, the merit of fixed route connections between Russell, Embrun, Limoges, Ottawa, or other communities could be evaluated.

Some communities are implementing a mix of transit options to cater to different needs. For example, in Alberta, federal funding is supporting the purchase of various vehicle types, including standard, mini, and electric buses, to provide both on-demand and fixed-route services. Some communities are also engaging with local businesses, educational institutions, healthcare providers, and other stakeholders to understand transportation patterns and determine optimal routes and schedules for transit services to be offered by a community-based non-profit operator. The above approaches demonstrate that while challenging, it is possible to provide transit services in low-density rural areas by adopting flexible, innovative solutions tailored to local needs and conditions. Regardless of approach adopted, public and stakeholder engagement is a critical element for success, as there is no one perfect solution that fits all.

Identifying and refining transit service options as part of a transit feasibility study provides the basis to establish future capital and operating budget requirements; assess potential burden on the property tax base; and capitalize on current and future funding opportunities by higher levels of government (e.g., Community-Building Fund, formerly known as the Ontario Gas Tax Program).

4 Vision, Principles & Problem Statement

The TMP sets out a long-term vision for the future of transportation in Russell that is designed to support the Township's Official Plan commitments towards a vibrant, inclusive, innovative, entrepreneurial, and resourceful community and to ensure residents, businesses, and visitors have attractive and equitable transportation choices to move around the Township. These choices must:

- Be accessible and provide well-connected mobility options to people of all abilities and designed to overcome barriers experienced by people with disabilities.
- Be safe and comfortable to encourage people of all ages and abilities to walk, cycle, and use transit.
- Be sustainable by creating attractive walking and cycling facilities and providing transit services that will reduce the reliance on automobiles as the primary mode of transportation.
- Provide attractive connections to key activity areas and create opportunities for community engagement through thoughtful street design.
- Support more mixed-use and compact land use patterns through active transportation solutions and ultimately enhance overall community health and well-being.
- Support the local economy through efficient and reliable movement of goods and services.
- Be affordable based on current revenue streams such as general taxation, development cost charges as well as partnerships with private sector interests and development.
- Be affordable for users of the transportation system.

4.1 Vision Statement

The Vision Statement for the Transportation Master Plan articulates Russell's aspirations for the future, and is intended to guide the Township in its efforts to meet current and future travel needs. Members of the Stakeholder and Advisory Committees were requested to share their vision for transportation in Russell.



From a review of the input received, a number of words were found to resonate strongly with committee members. These words are depicted graphically in the inset image, with the font size proportional to the number of times the word was mentioned.

From this exercise, the following Vision Statement was developed to guide the planning effort.

Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township, without compromising environmental sustainability.

4.2 Key Principles

The Vision Statement for the Transportation Master Plan is supported by several key principles.

Sustainability & Equity

Russell Township embraces and supports active and sustainable modes of travel as a way to reduce environmental impacts, encourage healthy lifestyles, and create a more equitable transportation system.

Sidewalks are continuous and connect to key destinations, providing a safe walking environment for residents, from children to senior citizens. Cycling facilities are present along key cycling corridors, augmenting the existing off-road trail system. The cycling network is well-connected and attracts riders of varying fitness, skill, and comfort in traffic. Options such as work from home and car-pooling are supported within the community and accessibility for persons with disabilities is a priority. Transit service is affordable and convenient.

Goods Movement & Economic Prosperity

The Township's transportation network provides a high level of mobility which supports the local economy and attracts new investment. Connections to major regional and provincial transportation facilities are convenient and well maintained, with seamless intermodal transfers. Traffic moves smoothly with minimal delay, reducing transportation costs. Improvements to the walking and cycling environment support a high quality of life for attracting new employees, and commercial businesses benefit from attractive streetscapes that encourage residents and tourists to visit.

Downtown Vitality

Russell's transportation network enriches the downtown core, supporting intensification and redevelopment. Pedestrian and cycling connections across the Castor River are enhanced. Gateway promenades which invite pedestrian activity are complemented by an attractive public realm. Through adoption of Complete Streets principles, roads are designed to function as public spaces – travel lanes are maintained, but landscaping and other amenities are introduced to create places where people want to socialize and interact.

Parking is well-managed and convenient; delivery vehicles are accommodated efficiently and unobtrusively, and wayfinding is improved through the provision of signage and maps. There is ample bicycle parking and benches provide frequent resting points. People feel safe at all times of day, and special events are encouraged to animate the area and attract visitors.

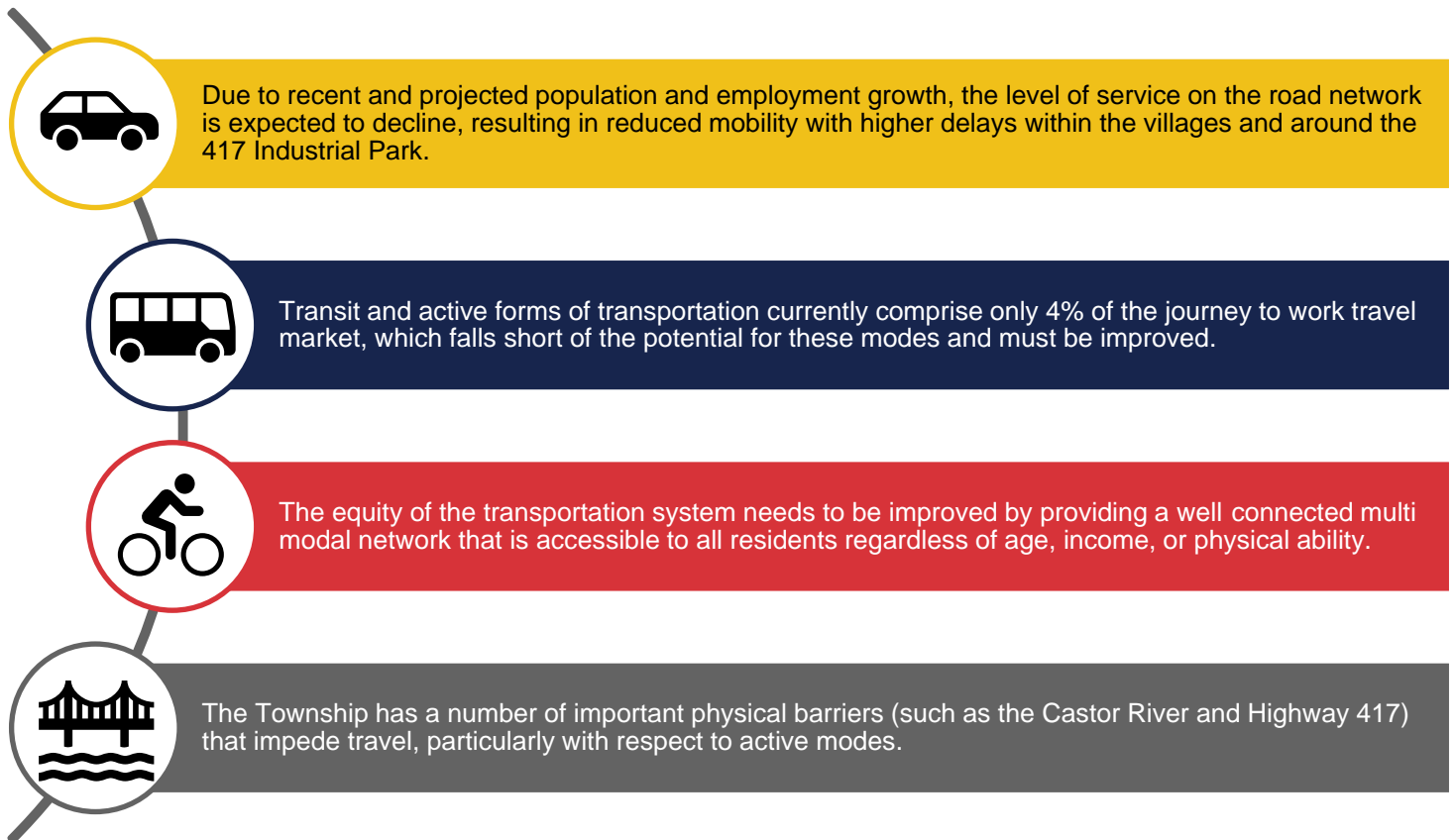
Affordability

Russell Township recognizes the importance of investing in transportation infrastructure and services as a key element of community-building. Such expenditures are made within the Township's affordability envelope, ensuring that investment in transportation does not come at the expense of other essential services.

The Township seeks innovative strategies for funding transportation initiatives. Development charges are equitable and based on a clear understanding of future infrastructure needs. The Township develops partnerships with local businesses and organizations with similar objectives, and works collaboratively with other levels of government to fund infrastructure projects.

4.3 Problem Statement

The Problem Statement summarizes the issues and opportunities to be addressed in the Transportation Master Plan. Through a process of consultation and analysis, the following Problem Statement was developed to guide the planning process.



5 Implementation Plan & Financial Strategy

Based on a thorough assessment of future needs and deficiencies, several active transportation and roadway improvements have been identified and evaluated. With the shift towards multi-modal transportation alternatives captured in the Vision and Problem Statement for the Transportation Master Plan, improvements were identified not only for the road network but also for the active transportation network. Each of the implementation categories (road network improvements, active transportation network improvements) involved a review of each recommended improvement to identify the most appropriate timing for implementing it. Recommended improvements are split into two categories based on the issues and opportunities identified as part of the Problem Statement:

- **Road Network Improvements**, to reduce delays within the villages and around the 417 Industrial Park
- **Active Transportation Network Improvements**, to provide a well-connected multi-modal network that is accessible to all residents.

Three horizons were selected for recommended improvements:

- **Short-Term:** improvements recommended by 2034.
- **Mid-Term:** improvements recommended by 2044.
- **Long-Term:** improvements not required within the horizon of the TMP (2044) but likely required beyond.

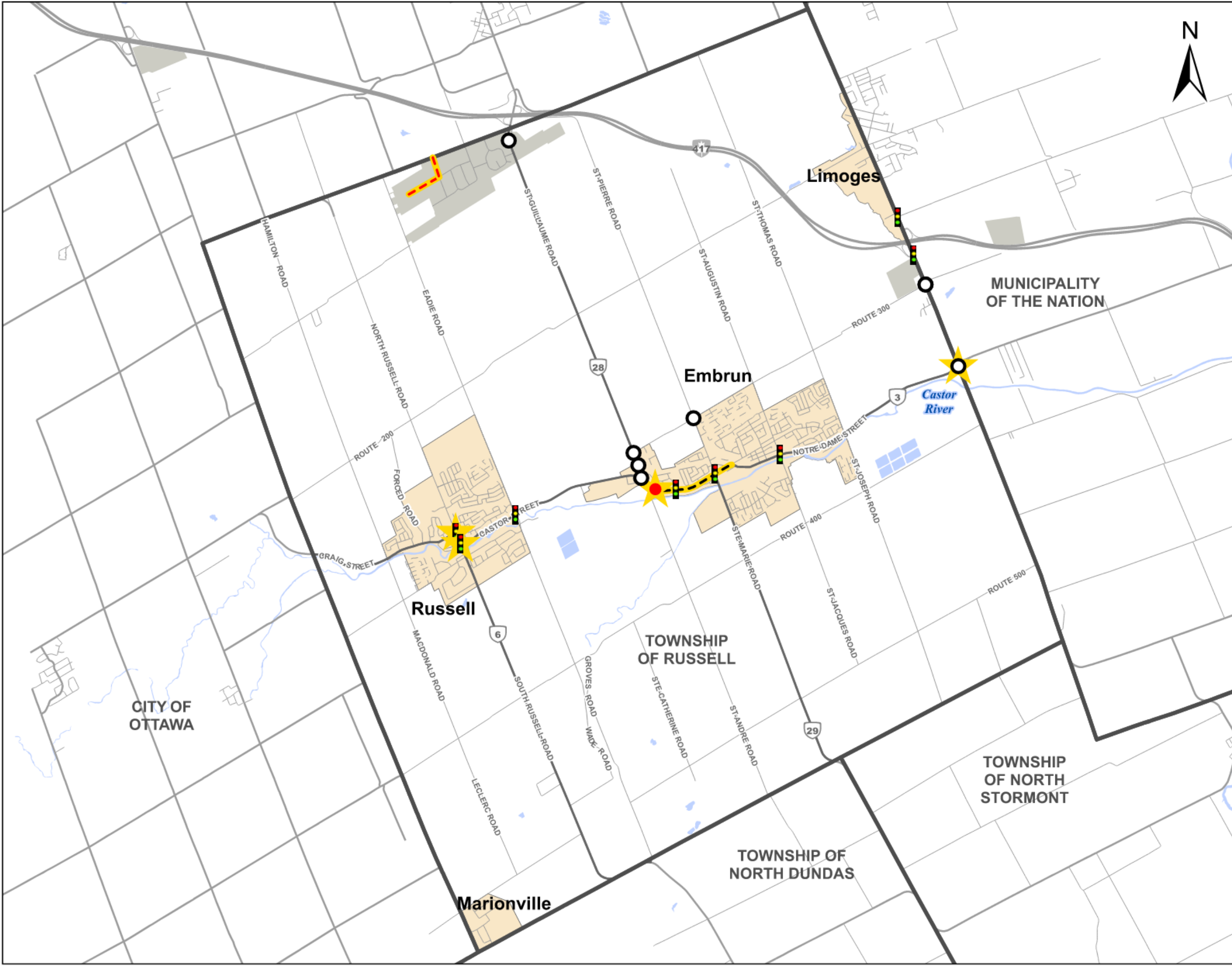
5.1 Recommended Roadway Improvements

Roadways and intersections play an important role in shaping mobility and accessibility in Russell; when they are properly designed and maintained, they can enhance daily commutes and contribute to the safety, efficiency, and connectivity of the urban environment. The successful planning and implementation of these projects are key considerations in the Township's ongoing efforts to promote sustainable, vibrant, and accessible transportation systems.

Roadway improvements were selected and prioritized based on three general principles:

- Intersections or approaches anticipated to fail (LOS 'F') in the future were given a higher priority, whereas those with poor operating conditions (LOS 'D' or 'E') were given a lower priority. Intersections operating at LOS 'C' or better were not considered for improvements, unless specifically noted.
- Improvements that would benefit multiple modes of transportation (e.g., provision of a new signal that also allows pedestrians and cyclists to cross the street) were prioritized over those that solely benefit traffic.
- Improvements within the village centres were prioritized over those outside the village centers, due to the potential for poor operations at these intersections to impact on other areas, such as parking, safety or commercial businesses.

Figure 5-1 through Figure 5-3 on the subsequent pages show the identified roadway improvements in the Township, separated by short-, mid- and long-term horizons. A description of each of the recommended improvements is also provided below, ordered by horizon. It should be noted that feasibility of improvements was reviewed at a high level as part of this study. However, all facilities will require further study as they advance through various stages of design, and changes may need to be made at that time to ensure feasibility, including the potential acquisition of property.



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Roundabout
- Traffic Signal
- Short-Term Improvements**
 - New Roundabout
 - New Traffic Signal
 - Intersection Improvements
 - Road Extension
 - Road Improvements

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

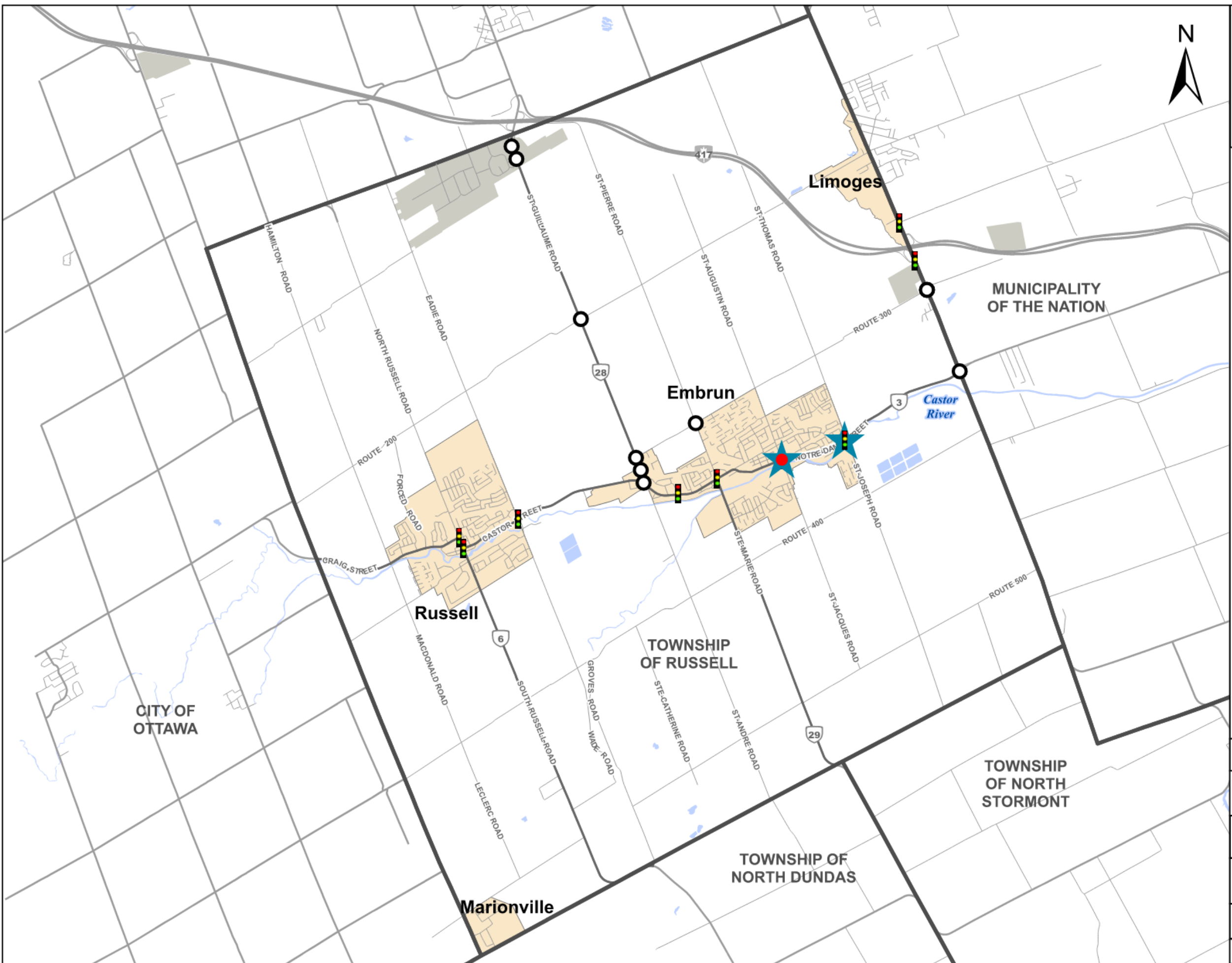


SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE: **Short-Term
Roadway Network Improvements**

PROJECT: **Transportation Master Plan Update,
Township of Russell**

DATE: **April 2025** **Figure 5-1**



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Employment Areas
- Transportation Network**
 - Expressway / Highway / Freeway
 - Arterial / Collector
 - Local Roads
 - County Roads
 - New Roads
- Roundabout
- Traffic Light
- Long-Term Improvements**
 - Intersection Improvements
 - New Traffic Signal

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



SCALE: 1:75,000
0 0.5 1 2 3 4
Kilometers

TITLE:
**Long-Term
Roadway Network Improvements**

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: May 2025 Figure 5-3

Table 5-1: Recommended Roadway Improvements

Location	Need	Recommended Solution	Horizon
Concession / Craig & Concession / Castor	Concession / Castor is projected to operate with LOS 'E' in the PM peak in 2034, while the northbound approach to Concession / Craig is projected to operate with LOS 'D' in the PM peak in 2034. In the 2044 horizon, both intersections are projected to operate with LOS 'F' in the PM peak, while in the AM peak Concession / Craig will operate with LOS 'D' and Concession / Castor will operate with LOS 'E'.	Install traffic signals at both intersections. The provision of traffic signals will improve traffic operations, while providing pedestrians and cyclists with safe crossing facilities on all approaches	Short-Term (2025-2034)
Notre-Dame, St-Guillaume to Blais	In the 2034 PM peak, the signalized intersections at Notre-Dame / Independent Grocery Store Commercial Access and Notre-Dame / Ste-Marie – St-Pierre are projected to operate with LOS 'D'. In addition, the northbound approach at Notre-Dame / St-Andre is projected to operate with LOS 'F'. In the 2044 PM peak, both signals are projected to operate with LOS 'F', while Notre-Dame / Ste-Marie – St-Pierre is projected to operate with LOS 'D' in the AM peak.	Provide upgrades to Notre-Dame Street in line with those recommended as part of the Notre-Dame Traffic Study (Section 3.4.5). This includes widening Notre-Dame to provide a three-lane cross-section, and providing two through lanes in each direction at the signalized intersections. It also includes the provision of a MUP along the south side of Notre-Dame to improve active transportation connections.	Short-Term (2025-2034)
Notre-Dame / Limoges	Intersection operates with LOS 'D' in the PM peak in the existing conditions, and is projected to operate with LOS 'F' in the PM peak in the 2034 and 2044 horizons. In addition, the eastbound approach in the AM peak is projected to operate with LOS 'D' in 2044.	Install a roundabout at intersection. A roundabout will improve traffic operations, while providing traffic calming at the eastern limits of Notre-Dame. It also provides consistency with the roundabout at Route 300 / Limoges further north, and presents an opportunity to provide a gateway feature at the eastern entrance to Embrun.	Short-Term (2025-2034)
St-Guillaume / Enterprise	In 2034 the intersection is projected to operate with LOS 'F' in the PM peak hour, with the eastbound approach in the AM peak	Install a roundabout at intersection. A roundabout will improve traffic operations, while providing traffic calming for St-Guillaume. It	Mid-Term (2035-2044)

Location	Need	Recommended Solution	Horizon
	projected to operate with LOS 'D'. In 2044 the intersection is projected to operate with LOS 'F' in both peaks.	also provides consistency with other existing and proposed roundabouts in the St-Guillaume corridor.	
St-Guillaume / Route 200	<p>In 2034 the eastbound approach to the intersection is projected to operate with LOS 'D' in the AM peak and LOS 'E' in the PM peak. In 2044 the eastbound approach is projected to operate with LOS 'F' in both peaks.</p> <p>To encourage traffic from new developments in North Russell to use alternative routes to Castor / Notre-Dame, it is important that the eastbound left turn onto St-Guillaume operate well.</p>	<p>Install a roundabout at intersection.</p> <p>A roundabout will improve traffic operations, while providing traffic calming for both St-Guillaume and Route 200. It also provides consistency with other existing and proposed roundabouts in the St-Guillaume corridor.</p>	Mid-Term (2035-2044)
Notre-Dame / Ste-Jacques	In the 2044 PM peak the northbound, southbound and eastbound approaches are projected to operate with LOS 'D' due to through vehicles being stuck behind left turning vehicles.	<p>Provide auxiliary left turn lanes on all approaches to the intersection.</p> <p>Left turn lanes will remove left turning vehicles from the stream of through vehicles, improving operations on all approaches.</p>	Long-Term (2044+)
Notre-Dame / St-Joseph & Notre-Dame St-Thomas	In the 2044 PM peak the northbound approach is projected to operate with LOS 'D' due to higher vehicle volume on Notre-Dame and development areas on both St-Joseph and St-Thomas. In addition, there are no crossing facilities at either intersection for pedestrians and cyclists to cross the road.	<p>Install traffic signals at both intersections.</p> <p>The provision of traffic signals will provide traffic on St-Joseph and St-Thomas with better opportunities for entering the flow of traffic on Notre-Dame. It will also provide active transportation users with safe crossing facilities.</p>	Long-Term (2044+)

5.2 Recommended Active Transportation Improvements

Communities across North America are expanding their active transportation networks as a key strategy to reducing vehicle travel. A complete, connected network that is maintained year-round is necessary to support and encourage more walking and cycling. It is important that sidewalks and bicycle routes are direct, safe and provide connections to key destinations within the community. Walking and cycling has been shown to reduce stress, increase physical health, reduce vehicle infrastructure demands, improve air quality, provide equity in transportation and foster livable communities.

The Township already has a strong pedestrian network with sidewalks or pathways along the majority of Village Main Streets, as well as the urban sections of Village Major Collectors. Therefore, the majority of potential improvements to the pedestrian network aim to expand upon the existing network. The following considerations were made when identifying improvements to the pedestrian network:

- Filling in gaps within the existing pedestrian network.
- Improving connections between Russell and Embrun to encourage walking between the village as an alternative to driving.
- Providing fully segregated facilities that connect from residential areas to schools and parks.
- Improving pedestrian connections to the New York Central Fitness Trail, Village Main Streets, commercial areas, and across the Castor River.

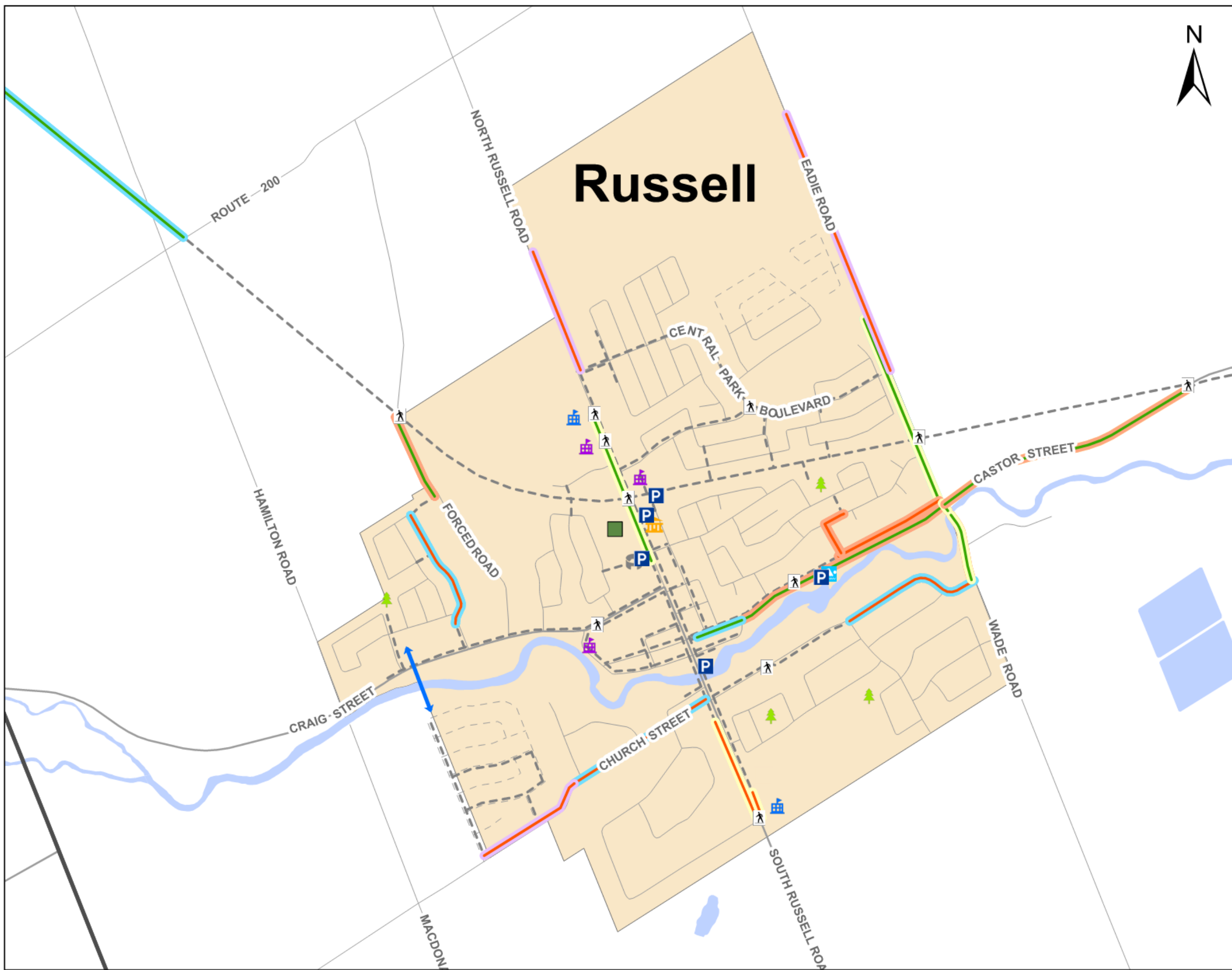


While the New York Central Fitness Trail provides a wonderful east-west cycling facility connecting Russell and Embrun, the Township is lacking in other cycling facilities that allow residents to feel safe while on their bike. As previously noted, the scope of this TMP doesn't include a wholesome review of the cycling network as that was recently completed in the Township's Cycling Plan. However, in select locations, changes have been recommended to the 2019 Cycling Plan. These may be for the following reasons:



- Multi-use pathways are recommended as part of the pedestrian network. As MUPs provide safer facilities than on-road cycling facilities, the provision of a MUP would remove the need for other facilities
- Future development areas require additional cycling infrastructure.
- Additional feedback since the 2019 study from the public about cycling needs and desires, especially as the cycling mode share increases.

Figure 4-4 and Figure 5-5 on the subsequent pages show the recommended improvements to the active transportation network in the Township. A description of each of the recommended improvements is also provided below, in no particular order. If a facility is envisioned for a specific side of the roadway, it will be noted below. If no side is specified, the appropriate side of the roadway can be determined at the time of a more detailed design. In addition, it should be noted that feasibility of improvements was reviewed at a high level as part of this study. However, all facilities will require further study as they advance through various stages of design, and changes may need to be made at that time to ensure feasibility.



Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Municipal Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light
- Existing and Planned Pedestrian Facilities
- Short-Term Facilities**
 - Multi-Use Pathway
 - Sidewalk
- Mid-Term Facilities**
 - Multi-Use Pathway
 - Sidewalk
- Long-Term Facilities**
 - Multi-Use Pathway
 - Sidewalk
- Further Study**
 - Multi-Use Pathway
 - Sidewalk
 - Active Transportation Bridge

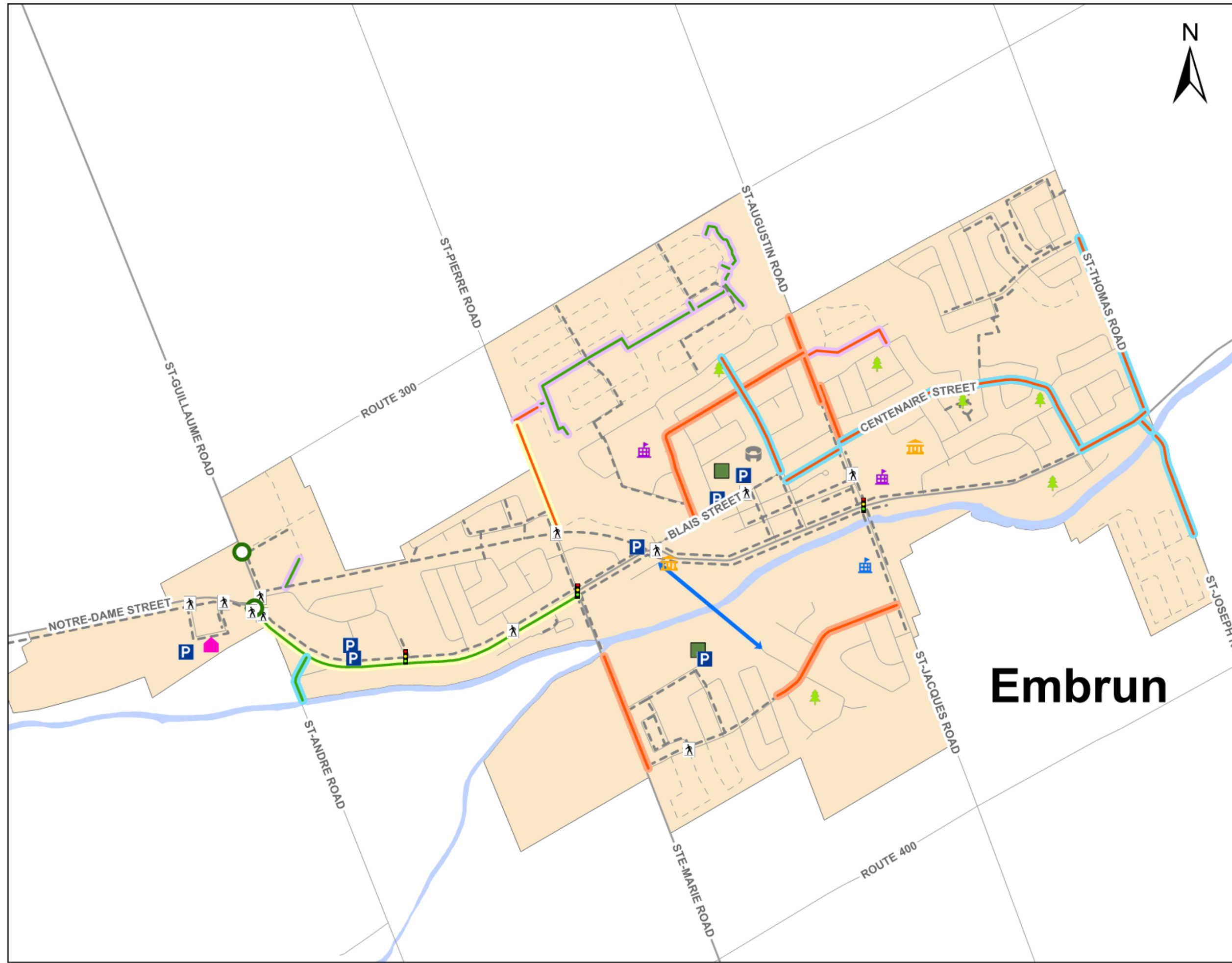
Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE:
Active Transportation Network Improvements - Russell

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: May 2025

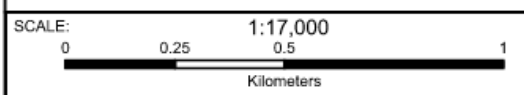


Municipalité de
RUSSELL
Township

LEGEND

- Urban Boundaries
- Arena
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 - Multi-Use Pathway
 - Sidewalk
- Mid-Term Facilities**
 - Multi-Use Pathway
 - Sidewalk
- Long-Term Facilities**
 - Multi-Use Pathway
 - Sidewalk
- Further Study**
 - Multi-Use Pathway
 - Sidewalk
 - Active Transportation Bridge

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE: Active Transportation Network Improvements - Embrun	
PROJECT: Transportation Master Plan Update, Township of Russell	
DATE: May 2025	Figure 5-5

Table 5-2: Recommended Active Transportation Improvements

Location	Need	Recommended Solution	Horizon
South Russell, Church to Heritage	Current sidewalks on both sides of the road terminate north of the pedestrian crossover to access St. Thomas Aquinas High School.	Extend sidewalks on both sides of the street from the current termination point to the pedestrian crossover. Approximately 700m total.	Short-Term (2025-2034)
Concession, Russell Arena to Russell High School	Current sidewalk on west side of roadway terminates south of the arena, leaving a gap in the network for two schools as well as a sports and recreation center.	Construct a MUP from the current termination point of the sidewalk to the pedestrian crossover in front of Russell High School. Provides a fully segregated connection from the NYCFT to the heart of Russell. Approximately 800m.	Short-Term (2025-2034)
Eadie, Castor to north of Central Park	No active transportation connectivity along Eadie for any residents wishing to access NYCFT, or who wish to access the new park and playground area around the stormwater pond off of Central Park.	Construct a MUP on the west side of Eadie, extending from Castor to the park north of Central Park. Approximately 800m.	Short-Term (2025-2034)
Wade, Church to Castor	No active transportation facilities to connect the existing residential area south of the Castor River to north of the Castor River	Construct a MUP on the west side of Wade, from Church to Castor. Connect to the other proposed active transportation facilities at Castor / Eadie – Wade. Does not include modifications to the bridge structure.	Short-Term (2025-2034)
Notre-Dame, St-Guillaume to Ste-Marie	No cycling connectivity on Notre-Dame into the heart of Embrun. No consistent pedestrian facility on the south side of Notre-Dame in this section.	Construct a MUP on the south side of Notre-Dame, from St-Guillaume to Ste-Marie, in line with the recommendations from the Notre-Dame Traffic Study (Section 3.4.5).	Short-Term (2025-2034)
St-Pierre, NYCFT to north of Hybrid	No sidewalk connecting the new development south of Route 300 into the heart of Embrun, or to the NYCFT.	Construct a sidewalk on the east side of St-Pierre from the NYCFT to the southernmost access to the new subdivision. Approximately 600m.	Short-Term (2025-2034)

Location	Need	Recommended Solution	Horizon
Forced, Olde Towne connection to NYCFT	No segregated facility to connect the residential neighbourhood to the NYCFT.	Construct a MUP on Forced from the current pathway connection at Olde Towne to the NYCFT. Approximately 400m.	Mid-Term (2035-2044)
Castor, Wade to NYCFT	Residents in Russell who live south of the Castor River must travel further north to connect to the NYCFT, on roadways that do not provide segregated active transportation facilities.	Construct a MUP on the south side of Castor, extending from Eadie / Wade to the existing NYCFT. Approximately 1.2km.	Mid-Term (2035-2044)
Castor, Mill to Wade	No pedestrian facilities on the south side of Castor. No cycling facilities on Castor. Connectivity gap on north side of Castor from Eldon to Eadie / Wade.	Construct a MUP on the south side of Castor, from Mill to Eadie / Wade. Connects to proposed MUP on Castor east of Wade, and proposed MUPs on west side of Eadie and Wade. Approximately 1.0 km. Extend a sidewalk on the north side of Castor from existing sidewalk to Eadie / Wade. Approximately 500m.	Mid-Term (2035-2044)
Eldon, George	No segregated pedestrian facilities to connect neighbourhood to facilities on Castor	Construct sidewalks on Eldon, and on George from Eldon to the pathway cut through to Loucks. Approximately 200m.	Mid-Term (2035-2044)
Ste-Marie, Castor River to Ste-Thérèse	Connectivity gap from existing sidewalk on Castor River bridge to residential area along Ste-Thérèse.	Extend sidewalk on east side of Ste-Marie from existing sidewalk to Ste-Thérèse. Approximately 700m. Does not include modifications to the bridge structure.	Mid-Term (2035-2044)
Ste-Thérèse, Geneva to St-Jacques	Connectivity gap from existing sidewalk on Ste-Thérèse to existing sidewalk on St-Jacques.	Extend sidewalk on north side of Ste-Thérèse to St-Jacques. Provides key connectivity for students at Ecole secondaire catholique Embrun. Approximately 700m.	Mid-Term (2035-2044)
Castlebeau	No pedestrian facilities on this residential street that features an elementary school and a daycare.	Construct a sidewalk on the north and west sides of Castlebeau. Approximately 1.2km.	Mid-Term (2035-2044)

Location	Need	Recommended Solution	Horizon
St-Augustin, Centenaire to Lamadeleine	Existing sidewalk on both sides of this higher-volume road terminate south of numerous residential streets, including new developments on both sides of the street.	Extend sidewalk on west side to Lamadeleine, and sidewalk on east side to Dazé. Approximately 800m total.	Mid-Term (2035-2044)
NYCFT Western Limits	Current NYCFT terminates at Route 200, which lacks connectivity to adjacent communities such as the City of Ottawa	Extend NYCFT 2.9km to Boundary Road. May require acquisition of property	Long-Term (2044+)
Olde Towne	No segregated pedestrian facility connecting existing sidewalk on Olde Towne to cut through path at Forced.	Extend sidewalk on Olde Towne to northeast corner of roadway near cut through path to Forced. Connects to new MUP along Forced, and to NYCFT. Approximately 500m.	Long-Term (2044+)
Castor, Mill to Concession	No pedestrian facilities on the south side of Castor. No cycling facilities on Castor.	Construct a MUP on the south side of Castor west of Mill to fill in gap between proposed MUP east of Mill and existing sidewalk. Replace existing short section of sidewalk near Concession with MUP. Approximately 200m.	Long-Term (2035-2044)
Church, Bols to South Russell	No segregated pedestrian facility through existing residential area to sidewalks on South Russell. A significant development area is proposed at the western edge of Church that will ultimately require connectivity.	Construct a sidewalk on north side of Church, from Bols to South Russell. Approximately 600m.	Long-Term (2044+)
Church, Du Parc to Wade	Existing sidewalk terminates at Du Parc, leaving a gap through the neighbourhood to the proposed facilities on Wade.	Construct a sidewalk on Church from Du Parc to Wade. Approximately 600m.	Long-Term (2044+)
St-Andre, Castor River to Notre-Dame	No segregated active transportation facility on St-Andre to connect users on Notre-Dame across the Castor River.	Construct a MUP on the east side of St-Andre, extending from Notre-Dame to the Castor River. Approximately 200m. Does not include modifications to the bridge structure.	Long-Term (2044+)
St-Jean Baptiste, Blais to Labelle	No segregated pedestrian facility through neighbourhood that includes recreational sports center and connections to Notre-Dame.	Extend sidewalk on west side of St-Jean Baptiste from existing sidewalk to Labelle. Approximately 600m.	Long-Term (2044+)

Location	Need	Recommended Solution	Horizon
Centenaire	No sidewalk provided today on one of the neighbourhoods key collector streets, which includes connections to a park, playground, and school.	Construct a sidewalk on Centenaire, from St-Jean Baptiste to Notre-Dame. Approximately 1.7km.	Long-Term (2044+)
Notre-Dame, Centenaire to St-Thomas	Existing sidewalk terminates at Centenaire, leaving a gap for residents on St-Joseph and St-Thomas.	Extend sidewalk on north side of Notre-Dame from existing sidewalk at Centenaire to St-Thomas. Approximately 300m.	Long-Term (2044+)
St-Joseph, Notre-Dame to new development	No sidewalks provided on St-Joseph for residents or new developments along west side of St-Joseph.	Construct a sidewalk on the west side of St-Thomas, from Notre-Dame to the northernmost access to the new development area. Approximately 400m.	Long-Term (2044+)
St-Thomas, Notre-Dame to Lucerne	No sidewalks provided on St-Thomas for residents living in neighbourhoods off St-Thomas.	Construct a sidewalk on the west side of St-Thomas, from Notre-Dame to Lucerne. Approximately 900m.	Long-Term (2044+)

Pedestrian Network Coverage

The table below summarizes the total kilometres of pedestrian infrastructure by road classification, including the recommended improvements to the pedestrian network. The recommended improvements now provide 100% coverage of Village Main Streets, and significantly increase coverage on Village Major and Minor Collectors. Overall, 17.5 kilometres of pedestrian facilities are proposed to be added to the existing network.

Table 5-3: Total Kilometres of Pedestrian Infrastructure by Road Classification

	Township Roadways				County Roadways				Total
	Rural Arterial	Village Main Street	Village Major Collector	Village Minor Collector	Local Road	Village Main Street	Village Major Collector	County Major Collector	
Roadways	1.7	0.5	10.1	19.6	222	2.5	14.2	76.0	346.6
Existing Sidewalks	0.0	0.6	1.6	5.4	14.2	4.2	9.3	0.0	35.3
Proposed Sidewalks (or MUPs)	0.0	0.4	2.1	7.2	4.2	0.8	2.7	0.0	17.5
Total Coverage	0%	100%	18%	32%	4%	100%	42%	0%	8%
Coverage Increase	0%	40%	10%	18%	1%	18%	9%	0%	3%

Recommended Active Transportation Infrastructure Requiring Further Study

In addition to the recommended improvements above, there are some improvements in Figure 5-4 and 5-5 identified as “Further Study”. These include active transportation structures, as well as active transportation facilities that will mainly serve new development areas. The active transportation facilities shown in Figure 5-4 and 5-5 that mainly serve new development areas do not align with any of the horizons of the TMP, as they should be constructed at the same time as these developments. Some of the facilities shown on the map are proposed on existing Township roadways, while others are proposed on new roadways that will be constructed as part of the developments. The list below describes the proposed facilities that fall on existing roadways.

1. Sidewalk on the east side of Concession, extending from the existing sidewalk to the northernmost access to the new development proposed north of Moonlight. Approximately 600m. Purpose: provides a fully segregated pedestrian facility to a new development area.
2. Sidewalk on the west side of Eadie, extending from the new park proposed at the northeast corner of the stormwater pond on Central Park to the northernmost access to the new development proposed north of Quarry. Approximately 1.0 km. Purpose: provides a fully segregated pedestrian facility to a new development area.
3. Sidewalk on the north side of Church, extending from Bols to the easternmost access to the new development on Church near MacDonald. Approximately 900m. Purpose: connects the new development to the sidewalk proposed on Church in the long-term horizon of the TMP.



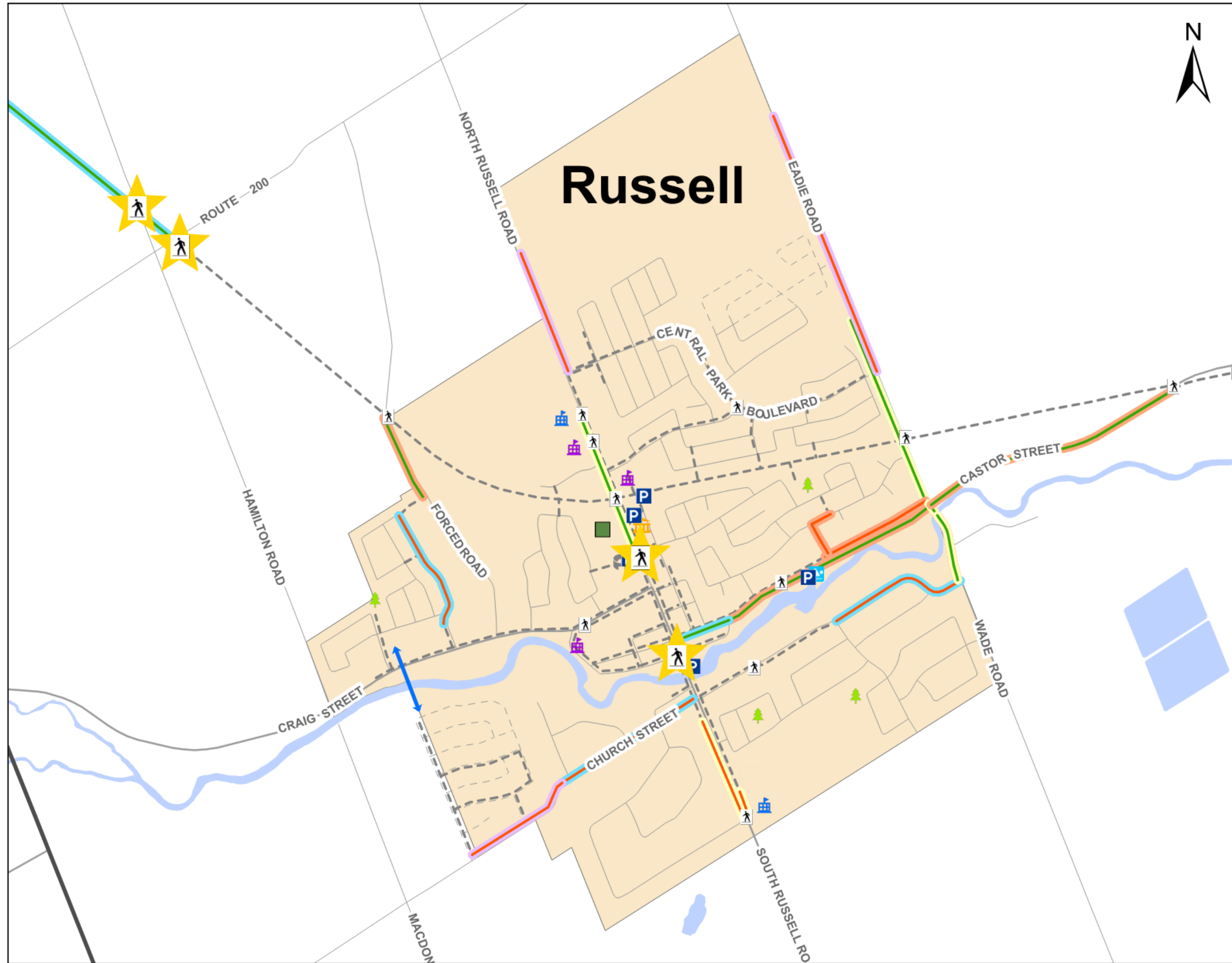
The feasibility of the proposed active transportation structures requires additional analysis beyond the scope of the TMP, including input from environmental, structural, and water resources engineers. It would also require coordination with the Algonquins of Pikwakanagan First Nation, as discussed in consultation with them during this TMP. Additional information regarding the proposed structures and alignments is provided below:

1. The structure in Russell is proposed to be located at the western edge of the village, providing a connection from the new residential development on Church Street to Craig Street. The goal of this structure is to provide pedestrians and cyclists with a fully segregated crossing of the Castor River, and will allow nearby residents a short and direct connection to the commercial area off of Craig Street, as well as to the NYCFT via Olde Towne Avenue. As there are currently no cycling facilities across the Castor River in Russell today, it would provide cyclists with a river crossing fully segregated from vehicular traffic.
2. The structure in Embrun, which was previously identified in the Cycling Plan, is proposed to be located near Richelieu Park, between Ste-Marie Road and St-Jacques Road. It would connect the expanding residential area around Ste-Thérèse Boulevard to Notre-Dame Street, close to numerous commercial and recreational areas including the proposed location of the new Russell Township Public Library. As there are currently no cycling facilities across the Castor River in Embrun today, it would provide cyclists with a river crossing fully segregated from vehicular traffic.

Pedestrian Crossovers (PXOs)

An important consideration for the active transportation network is safe crossing facilities for pedestrians. Pedestrian crossovers, or PXOs, are the recommended treatment for when pedestrians are required to cross a roadway without a stop control, traffic signal, or roundabout. Cyclists are permitted to cross roadways at PXOs, so long as they dismount their bike and walk it across the PXO.

In the Russell Cycling Plan PXOs were recommended at all locations where the New York Central Fitness Trail crossed roadways. Since that time, the Township has added many other PXOs to its network, as shown in Figure 2-5. As part of the TMP, a high-level review of potential new locations for PXOs was completed. This included locations that are worth exploring the installation of PXOs based on the existing pedestrian network, and locations that should be considered at the time that new pedestrian facilities are constructed nearby. These locations are shown in Figure 5-6 and Figure 5-7, with a star around the proposed locations.



Municipalité de
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Township

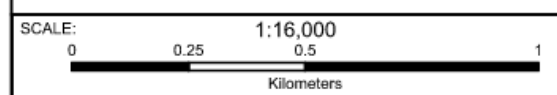
LEGEND

- Urban Boundaries
- Municipal Boundaries
- Arena
- Community Centre / Library
- Elementary School
- High School
- Park
- Parking Lot
- Pedestrian Crossover (PXO)
- Roundabout
- Sports Complex
- Sports Field
- Swimming Pool
- Traffic Light
- Existing and Planned Pedestrian Facilities

Proposed Facilities

- Potential Pedestrian Crossover Location

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR

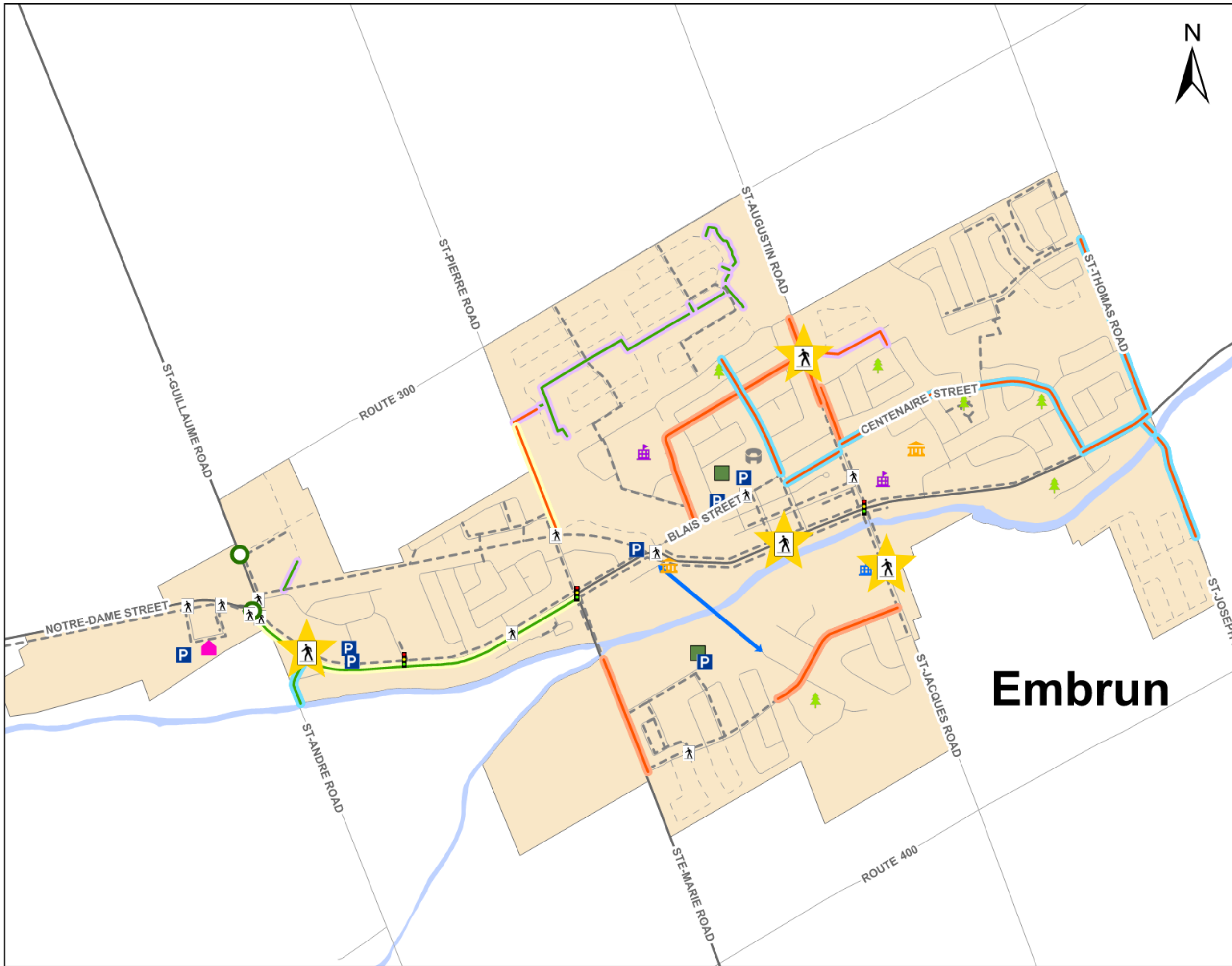


TITLE:
**Potential Pedestrian Crossover
Locations - Russell**

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE: May 2025

Figure 5-6



Municipalité de
RUSSELL
Township

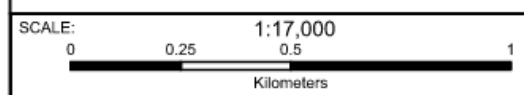
LEGEND

- Urban Boundaries
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- Existing and Planned Pedestrian Facilities

Proposed Facilities

- Potential Pedestrian Crossover Location

Coordinate System: NAD 1983 UTM Zone 18N
Sources: MNR, Township of Russell, UCPR



TITLE:
**Potential Pedestrian Crossover
Locations - Embrun**

PROJECT:
Transportation Master Plan Update,
Township of Russell

DATE:
May 2025

Figure 5-7

Based on the existing pedestrian network, the following locations are worth evaluating for installation of a pedestrian crossover:

- Concession at Maple, aligning with the sidewalk on the north side of Maple.
- Concession at Mill, aligning with the sidewalk on the north side of Mill.
- Notre-Dame at Sainte Jeanne d'Arc or St-Jean Baptiste, aligning with the sidewalk on the west side of either street.
- St-Jacques at Ecole secondaire catholique Embrun, aligning with where the sidewalk on the east side of St-Jacques ends.

Pedestrian crossovers at the following locations should be considered when adjacent pedestrian infrastructure is implemented:

- St-Augustin at Castlebeau, when the sidewalk on the north side of Castlebeau is constructed (Mid-Term) or when Lachaine is extended to align with the east side of this intersection.
- NYCFT at Route 200 and at Hamilton, when the NYCFT is extended to Boundary (Long-Term)
- Notre-Dame at St-Andre, when the MUP is built on the east side of St-Andre (Long-Term)

5.3 Transit Improvements

Public transit is a vital element for any community's transportation network, supporting the creation of compact, fully developed communities. This mode of transportation embodies sustainability, offering accessibility, efficiency, affordability, safety, and reliability, which facilitates access to employment, education, community services, shopping centers, entertainment, recreational opportunities, and daily necessities. Moreover, it stands out as one of the most space-efficient modes capable of moving many individuals across greater distances than any other mode. Encouraging transit ridership provides a great opportunity to reduce the reliance on motor vehicles within the Township. By making public transit more appealing, accessible, and affordable the number of vehicles on the road can be reduced, leading to safer, less congested roads and lower emissions.



Therefore, it is recommended that a new Transit Feasibility Study be undertaken to confirm the appropriate type of transit service to meet the future needs of the Township. This may include:

- The merit of subsidizing a transit service provider connecting the Township to Ottawa to reduce fares and / or increase the frequency of service.
- Encourage the creation of a transit service within the Township, such as micro-transit, on-demand service, or home-to-hub service.

5.4 Funding the Plan

Developing a robust funding strategy is paramount to the successful implementation of the TMP. With the TMP serving as a comprehensive blueprint for enhancing transportation infrastructure and services, securing adequate funding is essential to realize its goals and objectives. The funding strategy not only ensures financial resources are available but also facilitates effective budget allocation, prioritization of projects, and timely execution of initiatives outlined in the TMP. By exploring various funding sources, the Township can establish a sustainable financial framework to support the TMP's implementation and contribute to the long-term mobility and livability of the community.

There are a number of alternative ways of funding transportation projects beyond traditional revenue sources (e.g., property taxes, etc.). These options include:

1. **Cost-Sharing:** For facilities that are shared between and will benefit different communities or levels of government, such as UCPR, The Nation, or the Province of Ontario, it may be possible to negotiate a cost-sharing agreement. For example, it is understood that for any roadways shared between Russell and UCPR, costs are shared 50/50 for any roadway improvements but not active transportation improvements. For active transportation projects in the TMP that will benefit both the Township and UCPR, such as multi-use pathways along County Roads, it may be beneficial to negotiate a similar split in funding.

It may also be possible to negotiate a funding split between the Township and developers for facilities that mainly serve a development area, rather than existing residents, such as some of those identified in Figure 5-4 and 5-5.

2. **Dedicated Funding Programs:** Funding is available from both the public and private sector for transportation projects via formalized funding programs. Capitalizing on this funding requires significant coordination and ongoing research, as programs are constantly evolving. Funding sources at the federal level currently include:

- Canada Community-Building Fund (formerly Federal Gas Tax Fund)
- Federation of Canadian Municipalities (FCM) - Green Municipal Fund
- Investing in Canada Program Green Infrastructure Stream
- EcoAction Community Funding Program
- Canada Public Transit Fund, including Rural Transit Fund & Active Transportation Fund

Funding sources at the provincial level currently include:

- Ontario Trillium Foundation
- Community Sport and Recreation Infrastructure Fund
- Ontario Active School Travel Fund

In addition to established programs, significant funding programs occasionally get rolled out unexpectedly – be it for political reasons or in response to unfavorable economic conditions. To capitalize on such programs, it is important to be prepared. This often means having the borrowing capacity to match funding put forward by senior levels of government when the opportunity arises.

- 3. Development Charges:** Development charges are another critical way of funding transportation infrastructure within developing parts of the Township. Given that infrastructure needs are essentially triggered by development growth, it is imperative that development charges – be it for residential or commercial developments - reflect the true cost of the infrastructure modifications necessary to accommodate such growth. Development charges can also be used as a policy tool as well as a funding mechanism to encourage infill growth over traditional suburban or greenfield development.

In order to capitalize on the above opportunities, the Township is encouraged to assess and pursue alternative funding sources for roads, cycling, and pedestrian facilities. The Township is also encouraged to ensure that adequate funding is available to deliver planned services and infrastructure investments—that is, a long range financial plan is in place incorporating reasonable assumptions that respect established fiscal policies, as the Township must ultimately prioritize and allocate investment among many competing demands. A long-range financial plan must take into account all capital and operating costs as well as revenue sources.

5.5 Costs of the Plan

The capital cost of the recommended transportation strategy over the next 20+ years, inclusive of intersection improvements, sidewalk extensions, pedestrian routes, and multi-use pathways, will total approximately \$46,000,000 (not including improvements and costs to be incurred by the Township).

Of the total capital costs, \$14,600,000 is needed for short-term improvements (<10 years), \$18,600,000 for mid-term (10-20 years), and \$12,700,000 for long-term (>20 years).

Certain transportation improvements will benefit current residents and would comprise the non-growth component of the Development Charges (non-DC). The improvements required to accommodate higher volumes of traffic and increased demand on the existing infrastructure directly attributable to new developments are eligible for funding through Development Charges (DC).

Based on our analysis, the bulk of roadway improvements will be triggered by development. Generally, transportation improvements triggered or required to accommodate development are eligible to be paid for through development charges (DC). Approximately 50% of the capital improvement costs, constituting the majority of roadway improvements, will be eligible for some level of cost recovery through DC mechanisms. The remaining 50%, primarily active transportation improvements could be financed from the residential tax base, or pursue federal or provincial funding. There are also opportunities for cost sharing with UCPR for any roadway improvements at intersections that are partially under the jurisdiction of the County. In addition, any active transportation improvements that include cycling facilities that are part of the UCPR Commuter Cycling Plan may also be eligible for cost-sharing with the County.

A summary of the costs by timing is provided below in Table 5-4. Costs are broken down by horizon, as by category (active transportation, pedestrian, roadway). It also notes whether a certain improvement should be DC-eligible or for cost-sharing with the County. All figures are in 2025 dollars (\$), and include contingencies for engineering and project management, utility adjustments and relocations, internal Township costs, and miscellaneous items. Costs are preliminary estimates only and are subject to further review at preliminary / detailed design stage.

Table 5-4: Capital Cost of Transportation Network Recommended Improvements

Recommended Improvement	Category	Short Term	Mid Term	Long Term	DC Chargeable	UCPR Cost Sharing
Traffic signals at Concession / Craig and Concession / Castor	Roadway	\$2.8M	-	-	✓	✓
Notre-Dame upgrades, St-Guillaume to Blais, including MUP on south side of Notre-Dame	Roadway	\$3.0M	-	-	✓	✓
Roundabout at Notre-Dame / Limoges	Roadway	\$4.2M	-	-	✓	✓
Sidewalks on both sides of South Russell	Pedestrian	\$0.9M	-	-	-	-
MUP on west side of Concession	Active Transportation	\$1.2M	-	-	-	-
MUP on west side of Eadie	Active Transportation	\$0.9M	-	-	-	-
MUP on west side of Wade	Active Transportation	\$0.8M	-	-	✓	-
Sidewalk on east side of St-Pierre	Pedestrian	\$0.8M	-	-	✓	-
Roundabout at St-Guillaume / Enterprise	Roadway	-	\$4.8M	-	✓	✓
Roundabout at St-Guillaume / Route 200	Roadway	-	\$4.8M	-	✓	✓
MUP on Forced	Active Transportation	-	\$0.7M	-	-	-
MUP on south side of Castor, east of Wade	Active Transportation	-	\$2.1M	-	-	✓
MUP on south side of Castor, Mill to Wade. Sidewalk on north side of Castor, west of Eadie.	Active Transportation	-	\$2.7M	-	-	✓
Sidewalk on Eldon & George	Pedestrian	-	\$0.3M	-	-	-
Sidewalk on east side of Ste-Marie	Pedestrian	-	\$0.6M	-	✓	-
Sidewalk on north side of Ste-Thérèse	Pedestrian	-	\$0.6M	-	-	-
Sidewalk on north & west sides of Castlebeau	Pedestrian	-	\$0.7M	-	-	-
Sidewalk on both sides of St-Augustin	Pedestrian	-	\$1.3M	-	✓	-
Auxiliary left turn lanes on all approaches to Notre-Dame / Ste-Jacques	Roadway	-	-	\$0.5M	✓	✓
Traffic signals at Notre-Dame / St-Joseph and Notre-Dame / St-Thomas	Roadway	-	-	\$1.9M	✓	✓

Recommended Improvement	Category	Short Term	Mid Term	Long Term	DC Chargeable	UCPR Cost Sharing
Extension of NYCFT to Boundary	Active Transportation	-	-	\$1.9M	-	-
Sidewalk on Olde Towne	Pedestrian	-	-	\$0.4M	-	-
MUP on south side of Castor, Mill to Concession	Active Transportation	-	-	\$0.5M	-	✓
Sidewalk on north side of Church, Bols to South Russell	Pedestrian	-	-	\$1.1M	✓	-
Sidewalk on Church, Du Parc to Wade	Pedestrian	-	-	\$0.7M	-	-
MUP on east side of St-Andre	Active Transportation	-	-	\$0.4M	-	-
Sidewalk on west side of St-Jean Baptiste	Pedestrian	-	-	\$0.8M	-	-
Sidewalk on Centenaire	Pedestrian	-	-	\$2.3M	-	-
Sidewalk on north side of Notre-Dame, east of Centenaire	Pedestrian	-	-	\$0.5M	-	-
Sidewalk on west side of St-Joseph	Pedestrian	-	-	\$0.5M	✓	-
Sidewalk on west side of St-Thomas	Pedestrian	-	-	\$1.4M	✓	-
Total Capital Cost, Roadway		\$10.0M	\$9.6M	\$2.4M	-	-
Total Capital Cost, Active Transportation		\$4.6M	\$9.0M	\$10.3M	-	-
Total Capital Cost, Transportation Network		\$14.6M	\$18.6M	\$12.7M		
<i>Estimated Capital Cost Per Year</i>		<i>\$1.5M</i>	<i>\$1.9M</i>	<i>-</i>	<i>-</i>	<i>-</i>

5.6 Supporting Policies & Actions

A successful transportation network relies on a mixture of physical infrastructure and policies that regulate and guide the community toward a vision for the future. The Township's Official Plan provides a blueprint for how the community will grow into the future, while the zoning by-laws dictate the operational and physical specifications for the land uses prescribed within the Official Plan. This is done so that the vision identified in the Official Plan can be implemented.

In a similar regard, the transportation network needs policies and by-laws to enhance transportation holistically over time. There are several recommended infrastructure improvements identified in this TMP that have a deeply connected relationship with land-use that requires a lock-step approach to addressing the Township's mobility needs. This section will provide a brief overview of additional policies that the Township should explore to build upon the TMP and further enhance the transportation network for all modes of transportation.

Sidewalk Policy

Numerous communities in Ontario have a sidewalk policy that requires new and reconstructed streets to provide sidewalks on one or both sides of the street. This ensures that all roadway construction projects support the expansion of the pedestrian network, or the filling in of gaps in the pedestrian network. Given the increase in new developments within the Township, it would be beneficial to implement a sidewalk policy so that developers are aware of the requirement to prioritize the pedestrian network in their development plans. For example, Wellington North Township requires 1.5m sidewalks on both sides of collector and arterial streets, and on one side of local streets. Other communities with sidewalk policies include the City of Peterborough, City of Windsor, City of Ottawa, and City of Toronto.



In addition to a sidewalk policy, it is recommended that the Township develop a sidewalk strategy which documents existing sidewalk facilities and ranks and prioritizes missing links. The City of Peterborough's Sidewalk Strategic Plan provides an excellent example of the ranking process, and some of the factors used in the evaluation. Such factors may include the road classification, posted speed limit, and proximity to schools, transit stops, parks, and trails.

Right-of-Way Lighting Policy

It was noted at public information sessions that many of the existing pedestrian facilities in the Township are poorly lit. This reduces the level of safety on these facilities, especially where no separation is provided for active transportation users, such as on a paved shoulder.

While there aren't many examples of townships in Ontario with sidewalk or roadway lighting policies, some cities provide strong examples that could be adapted for a local context in Russell Township. These include the City of Ottawa's Right-of-Way Lighting Policy, the City of Hamilton's Sidewalk and Roadway Lighting Policy, and the City of Mississauga's Park Trail Lighting Policy.

Neighbourhood Traffic Calming Policy

Traffic calming has gained popularity in North America for its effectiveness in promoting road safety. Unlike traditional traffic regulations enforced by police, traffic calming relies on physical measures designed to naturally slow down vehicle speeds and enhance pedestrian safety. These measures include speed bumps, traffic islands, chicanes, and raised crosswalks, among others. By reducing vehicle speeds, traffic calming measures increase reaction time for drivers and decrease the severity of accidents involving pedestrians and cyclists.

While traffic calming is commonly associated with urban neighborhoods, its application extends to various street types and areas. Given the diverse road classifications, operational characteristics, and land uses in Russell Township, it is imperative to establish a clear process for planning, evaluating, and implementing traffic calming initiatives across the Township.

The Township has already started to incorporate traffic calming as part of its Road Safety Action Plan. However, to increase the benefits of traffic calming it is recommended that the Township develop and adopt a Traffic Calming Policy. This will allow for greater transparency for residents, staff, and stakeholders when it comes to the prioritization, selection and application of traffic calming measures.

Transportation Demand Management (TDM)

As Russell grows and transportation infrastructure becomes strained, transportation demand management (TDM) is an essential tool to promote a sustainable, efficient, and equitable transportation system. TDM focuses on reducing the reliance on single-occupancy vehicles, which can decrease congestion and mitigate the environmental impacts of transportation. It optimizes existing resources and the promotion of alternative modes such as transit, carpooling, cycling, and walking.



The Township of Russell should develop context-specific TDM policies, including associated zoning by-law updates for parking policies. This will provide a mechanism by which the Township can use to collaborate with developers to encourage active transportation and transit, while also presenting opportunities for developers to mitigate their impact on the vehicular network as well as mitigating the spatial needs of parking on a site.

Complete Streets Policy

Complete Streets are multi-modal streets that are designed to be safe for all users, regardless of age, ability, income, race, ethnicity, or mode of travel. Complete Streets design creates spaces where all users can thrive – not only motorists. Complete Streets often include human-scale design such as street furniture, greenery, and wide pedestrian rights-of-way.

Implementing Complete Streets is a comprehensive approach to urban planning and transportation that prioritizes the safety, accessibility, and usability of streets for all users year-round, including transit, pedestrians, cyclists, and drivers. It promotes inclusivity and enhances mobility and connectivity, fostering vibrant communities where individuals can easily access essential services, employment opportunities, recreational amenities, and social activities. Implementing Complete Streets is a long-term commitment that transforms a community's infrastructure to create more equitable, sustainable, and livable communities. It requires collaboration between various stakeholders and a commitment to prioritizing the safety and well-being of all residents and visitors. To achieve this, the TMP advocates for the development and adoption of a Complete Streets Policy for Russell Township.

Vision Zero and Safe System Approach

Implementing Vision Zero and the Safe System Approach is a comprehensive strategy aimed at eliminating traffic fatalities and reducing severe injuries on the road. This approach underscores the shared responsibility of road safety among various stakeholders, including government agencies, engineers, law enforcement, and the public. The Township should develop and adopt a Vision Zero policy document and Safe Mobility Action Plan, collect and analyze collision data regularly, implement speed management measures, conduct education and awareness campaigns, and enhance enforcement efforts.

Winter Maintenance Standards and Policy

Winter is an inevitable part of yearly life in Russell Township. While active transportation tends to drop during winter months, there are still residents who will need to walk to/from bus stops, retail stores, and other areas around the Township. Furthermore, as more cycling facilities are implemented, there may be a winter demand for better maintenance of these facilities to allow cyclists to ride around the Township safely.

The Township should identify a classification system for active transportation facilities and an associated winter maintenance standard for each to continue to maintain the high-quality of life and safety that residents currently enjoy. The implications of this will require a re-evaluation of fleet requirements to service the additional recommended infrastructure.



Parking

Parking improvements are crucial to addressing the evolving needs of urban environments and enhancing the overall functionality and accessibility of urban spaces. As the Township experiences population growth and increased vehicular traffic, the demand for parking infrastructure will intensify. Inefficient parking strategies and insufficient parking facilities can lead to congestion, decreased economic activity, and a compromised quality of life for residents. Moreover, the rise of shared mobility, electric vehicles, and alternative transportation modes necessitates innovative solutions to accommodate diverse parking requirements. By investing in parking improvements, the Township can optimize land use, alleviate traffic congestion, promote economic vitality, and foster sustainable transportation options.

It is recommended that the Township be proactive and prepare a Downtown Parking Plan that considers the on and off-street parking needs into the future, with a more detailed consideration for new infill development opportunities, as well as future curbside demand usage. This should also consider the impacts of transit and active transportation investments, as well as the potential impacts of emerging technology such as shared mobility.

Goods Movement

As Russell continues to grow, there may be a need to update the Township's Heavy Truck Routes. A truck route network ensures that goods-generating land uses are connected to each other and to the major transportation network (i.e., Highway 417, County Roads), while avoiding sensitive areas such as residential neighbourhoods, protected environments, schools, active transportation facilities, and more.



At a high level, the purpose of a truck route system is to balance the needs of commerce, while minimizing impacts to the community. As such, a truck route system does not prohibit trucks from using any road within Russell, but does require that they use roads most suitable to the greatest extent possible, and limit their intrusion into the sensitive areas to the minimum possible. The purpose of heavy truck route planning is to define the street network that is:

- Safest for the movement of large vehicles.
- Supports local and regional commerce.
- Provides enough capacity and adequate design features to accommodate the anticipated volumes, size and weight of vehicles.

An update to the network may be required due to an increase in traffic volumes along existing truck routes, or a proximity of current truck routes to areas of expanding residential development (e.g., Route 300). The update of the Heavy Truck Routes will involve comprehensive planning, infrastructure development, and stakeholder engagement.

New Mobility

New forms of mobility may arise through various means. Private companies will occasionally approach municipalities to offer their service or product and expand their market. In many cases however, municipalities seek out providers for specific services they wish to implement in their community. The Township should assess mobility options they wish to explore further. This may include a bike share system (particularly one offering e-bikes) or an e-scooter sharing system. The case studies of Aspen, Colorado (bike share) and Cochrane, Alberta (e-scooter share) may be of particular interest due to their comparable characteristics of being smaller municipalities. Working with local businesses such as large employers (Amazon, Calypso, 417 Industrial Park) may present opportunities to locate stations or offer incentives for the use of shared mobility devices.



Bringing in new mobility forms is a common area of concern for municipalities when developing and amending bylaws. Some forms of mobility will likely be regulated at the federal or provincial level such as connected and autonomous vehicles. Furthermore, some forms of micromobility, such as e-scooters, are currently regulated at the provincial level, but many local governments enact more detailed and context-specific regulation. Research and communication with other municipalities that have implemented the technology can be invaluable to ensuring the proper policies and bylaws are in place before introducing new mobility. This relates to the importance of developing trusted partnerships where both parties can learn from one another. In the case of micromobility, technology also allows for some regulations to be enacted without the need for enforcement as speed caps on devices and geofencing can physically prevent users from operating in an undesirable manner. Ultimately, the regulations and bylaws that are put in place should always put the public interest first.

Other Policies for Consideration

In addition to the policies described above, there are numerous other policies that the Township should explore. A list of these policies is provided below.

- Require developers to provide convenient, high-quality pedestrian and cycling connections.
- Improve pedestrian / cyclist end-of-trip amenities such as repair stations, water fountains, and updating zoning by-law requirements for bicycle parking.
- Ensure Traffic Impact Studies include consideration of all travel modes.
- Develop a way-finding strategy.
- Improve pedestrian and cyclist safety at intersections and road crossings.
- Support a data-based approach to active transportation policies by exploring the collection of pedestrian and cyclist data such as counters.
- Explore phased approaches to active transportation facilities, such as quick-build interim facilities that can enhance safety earlier.
- Encourage urban intensification and mixed-use developments through infill development and redevelopment of existing sites, providing a range of building types, densities and uses, especially on major streets. Promote sustainable options through community stakeholder partnerships.
- Undertake initiatives like promoting cycle tourism, improving safety in school zones, creating 'sustainable travel' maps.

Regardless of mode, the transportation system within a community must operate holistically to ensure the needs of all road users are met. Policies and actions taken by the Township should consider the impacts on all forms of transportation to create an environment that supports a multi-modal transportation network and allows the public to combine travel modes to meet their daily travel needs.

APPENDICES

Appendix A Public Consultation Information

Notice of Study Commencement

Advisory Committee Meeting 1 Material

Advisory Committee Meeting 2 Material

Stakeholder Committee Meeting 1 Material

Public Information Session 1 Material

Advisory Committee Meeting 3 Material

Stakeholder Committee Meeting 2 Material

Advisory Committee Meeting 4 Material

Public Information Session 2 Material

Appendix B Turning Movement Count Data

APPENDICES

Appendix A Public Consultation Information

Notice of Study Commencement



Municipalité de
RUSSELL
Township

NOTICE OF STUDY COMMENCEMENT TOWNSHIP OF RUSSELL TRANSPORTATION MASTER PLAN UPDATE

The Township of Russell has initiated the update of the Transportation Master Plan. This will be an important document, guiding the strategic directions of the transportation network as the Township accommodates mobility for future growth while ensuring a sustainable, accessible, and highly liveable community.

The study will examine deficiencies and develop recommendations for the transportation network, including pedestrian, cycling and vehicular modes. Recommendations arising from the study will guide the establishment of infrastructure improvement priorities and support the development of the future capital programs.

The study will be undertaken in accordance with the Municipal Class Environmental Assessment (EA) Process, which is an approved process under the Environmental Assessment Act. This study is being conducted in accordance with the requirements of Phases 1 and 2 of the Municipal Class Environmental Assessment which. The Master Plan Update is following Approach #1.

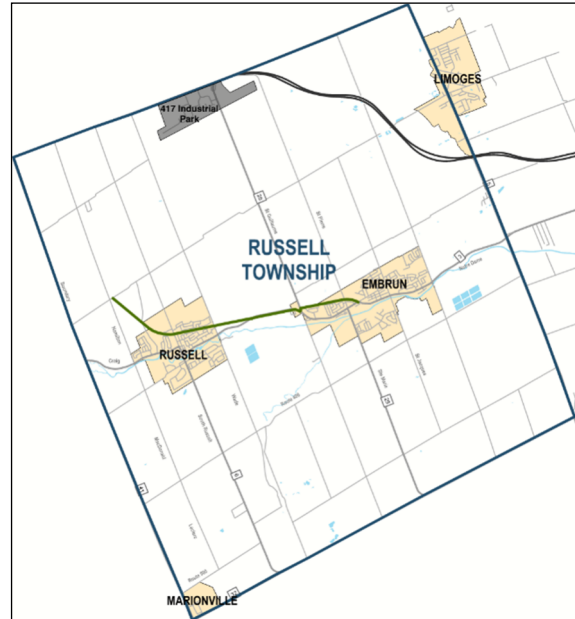
Public consultation is a key component of the study. Once the dates and locations for the meetings are set, public notices will be published in local newspapers, on the Township's website, and distributed to all individuals and agencies who expressed an interest in the project. The Township of Russell website (<https://www.russell.ca>) will be updated to provide information on the current status of the study.

To be placed on the project contact list, submit comments, or get further information on the project, please contact:

François Landry, Project Manager, Infrastructure Services , Township of Russell
717 Notre-Dame Street, Embrun, ON K0A 1W1
Tel: 613-443-1747
E-mail: FrancoisLandry@Russell.ca

This Notice is issued March 22, 2024.

Please note that all personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act (FIPPA). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-327-1434.



Advisory Committee Meeting 1 Material

AGENDA



Municipalité de
RUSSELL
Township

Project:	Russell Township TMP Update	Project No.:	2400655.00
Date / Time:	4/17/2024 12:00 AM	Place:	Microsoft Teams
Participants:	François Landry (Russell), Jonathan Bourgon (Russell), Dominique Tremblay (Russell), Pier-Luc Mainville (UCPR), Lisa Deacon (Council), Ken Dilworth (Public Committee), Carole Millet (Public Committee), David Saucier (Public Committee)		

ITEM	TOPIC	DURATION (minutes)
1.	Introductions	10 min
2.	Role & Responsibility of Committee Members <ul style="list-style-type: none"> Representation / Conflicts Level of Effort 	10 min
3.	Project Overview <ul style="list-style-type: none"> Project phases & associated tasks / milestones Elements of greatest interest EA process Progress to date 	10 min
4.	Roundtable Traffic Discussion – Opportunities & Concerns <ul style="list-style-type: none"> Review of traffic trends pre-COVID, post-COVID and current deficiencies Develop Transportation Vision & Problem Statement 	35 min
5.	Roundtable Active Transportation Discussion – Opportunities & Concerns <ul style="list-style-type: none"> Key destinations, routes, barriers & issues Connections to new developments 	20 min
6.	Vision & Problem Statement <ul style="list-style-type: none"> Key themes 	30 min
7.	Next Steps <ul style="list-style-type: none"> Meet with Advisory Committee – late May Public Information Session –early June 	5 min

Dist: Participants



MORRISON HERSHFIELD

Advisory Committee Meeting 2 Material



Municipalité de
RUSSELL
Township

WELCOME

Transportation Master Plan Update

Advisory Committee Meeting #2

Monday, June 10, 2024

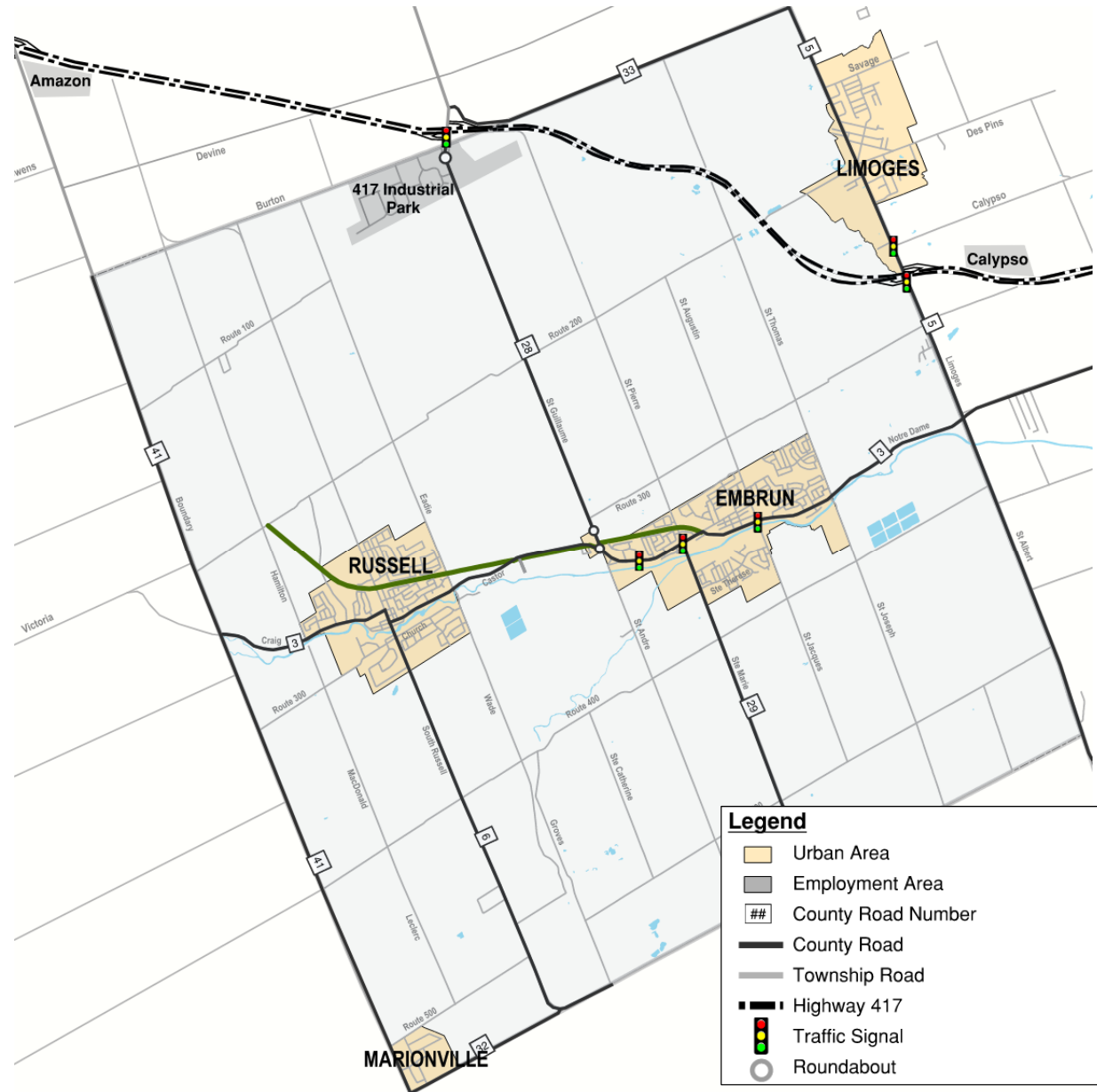
1:30 pm to 3:30 pm

717 Notre-Dame St, Embrun, ON K0A 1W1

Study Area & Purpose

The Township of Russell is updating their Transportation Master Plan (TMP) to meet the Township's transportation needs over the next twenty years. The study will:

- Assess existing and future travel needs as they relate to all modes of transportation, considering future development and redevelopment in the Township.
- Develop and evaluate alternative improvements to the transportation network.
- Establish implementation priorities and funding requirements.



Purpose of Public Information Session #1

The purpose of this meeting is to introduce the project and receive feedback on the:

- Vision for the Transportation Master Plan
- Existing and Future Conditions within the Study Area
- Problems and Opportunities to be Addressed

Vision

- Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township.



Share of Internal and External Trips

The following affects the propensity and share of internal trips:

1. Change in Population to Employment Ratio within the Township.
2. Presence of Large Employment Generators on the outskirts of the Township.
 - Amazon (Opened in 2021; 1,500 jobs; 1,000,000 sq.ft.)
 - Calypso Water Park (Opened in 2010; 600 seasonal jobs, June to September)
3. Magnitude of any sustained shift towards remote working.
4. Attainment of a population base level that meets or exceeds minimum threshold by major retailers.

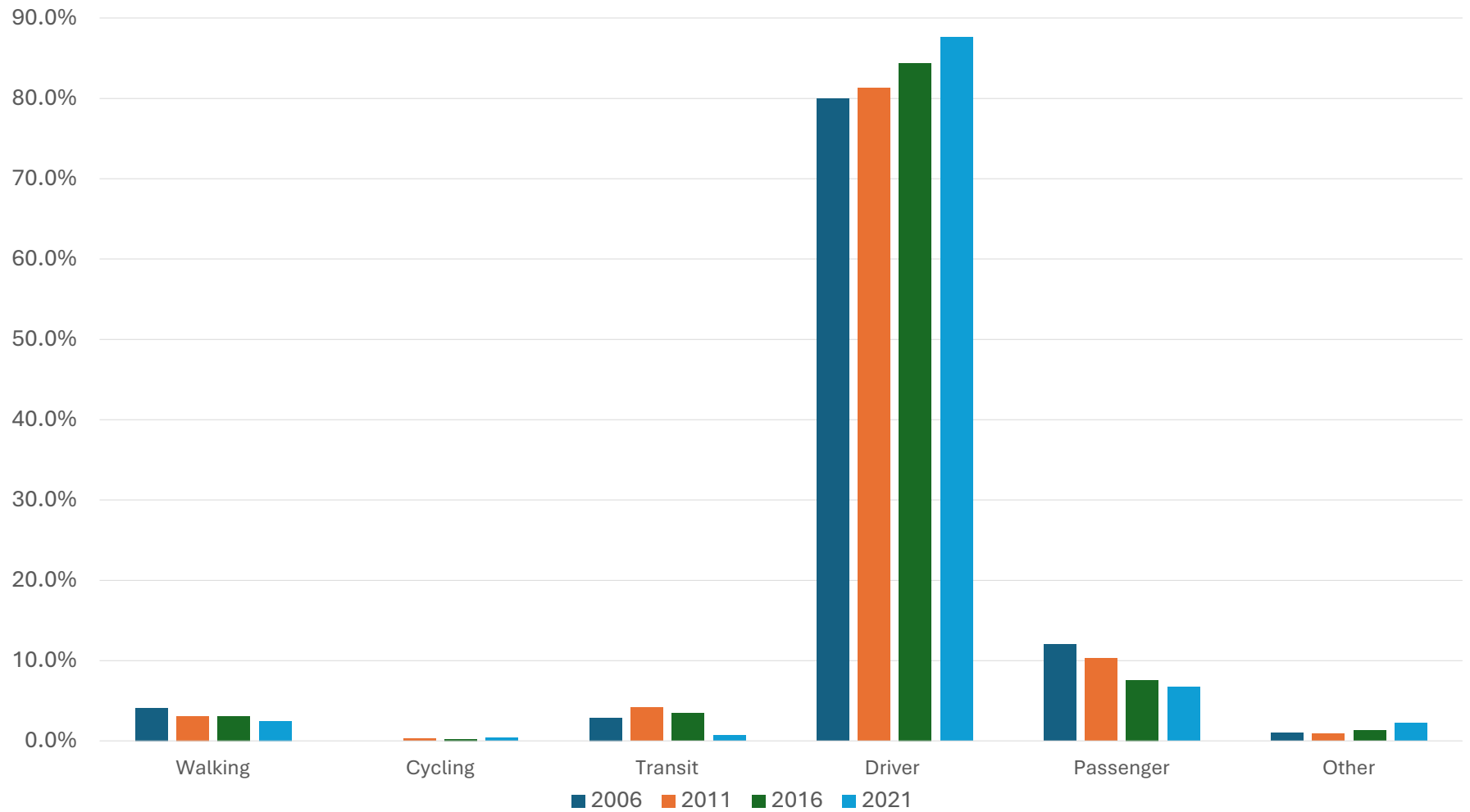
Population & Employment Growth



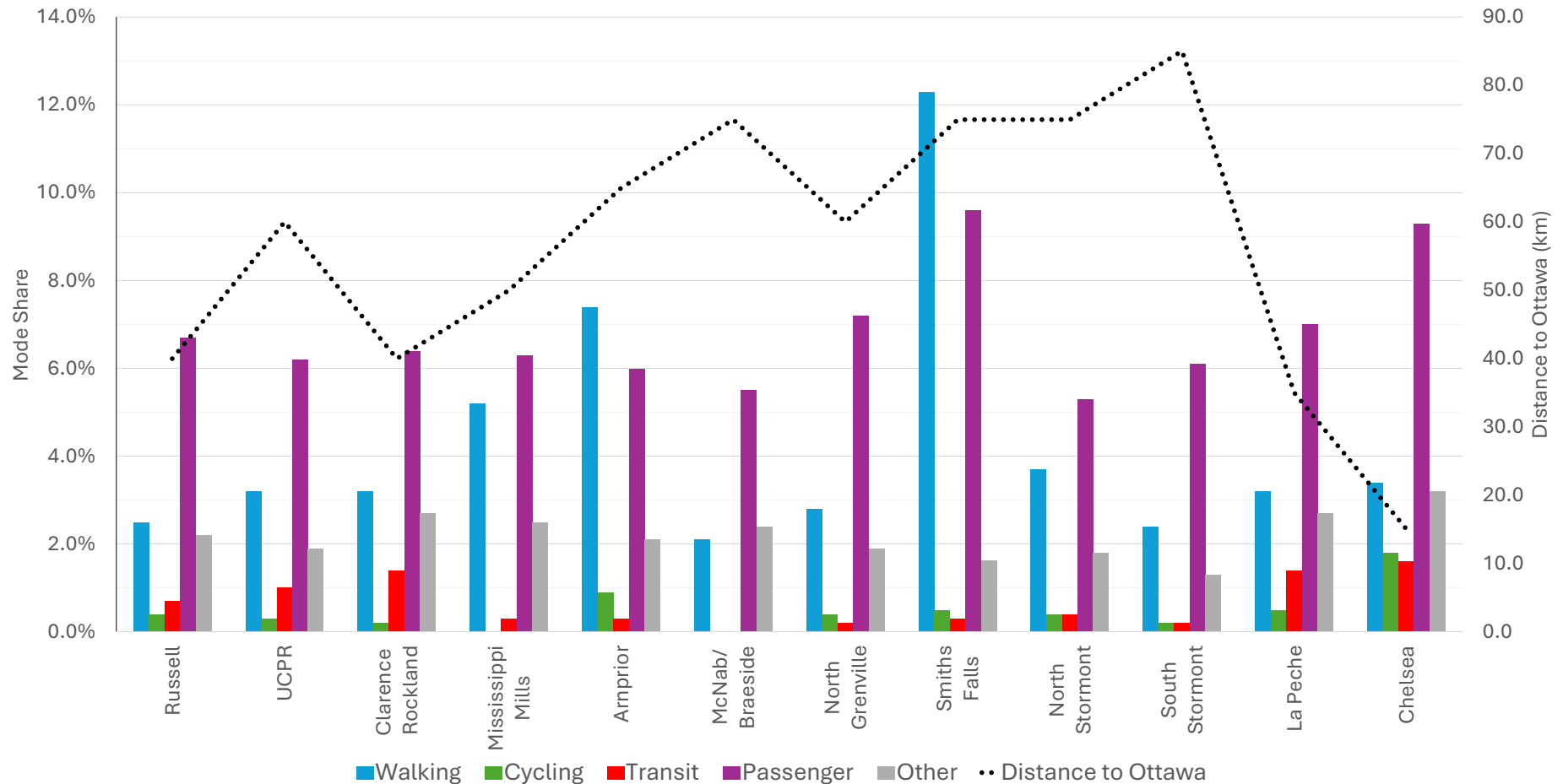
- Lower population-to-employment (P/E) ratio results in higher share of internal trips.
- P/E ratio declined by an annual rate of 2.5% from 2011 to 2021, and is projected to decline by an annual rate of 0.6% from 2021 to 2046.

Source: 2022 Hemson Growth Management Strategy Update

Mode Share



Alternative Modes – National Capital Region



- Mode share targets from North Grenville's 2019 Transportation Master Plan:
 - 80% driver, 9% passenger, 4% transit, 4% walk, 3% cycle

Transit Services

- Current service providers

- OC Transpo

- Vars Park & Ride to Blair LRT Station (Route 222).
 - Three routes per day (each direction), weekdays
 - Monthly pass = \$130. Per ride = \$3.80.

- 417 Bus Lines

- Downtown Russell & Embrun to Ottawa
 - Once per day (each direction), Tuesday - Thursday.
 - Monthly pass = \$300. 10 one-way rides = \$225.

- Park & Ride Lots

- Vars Park & Ride – 200 spots
 - February 2024 usage – 19% (38 spots)

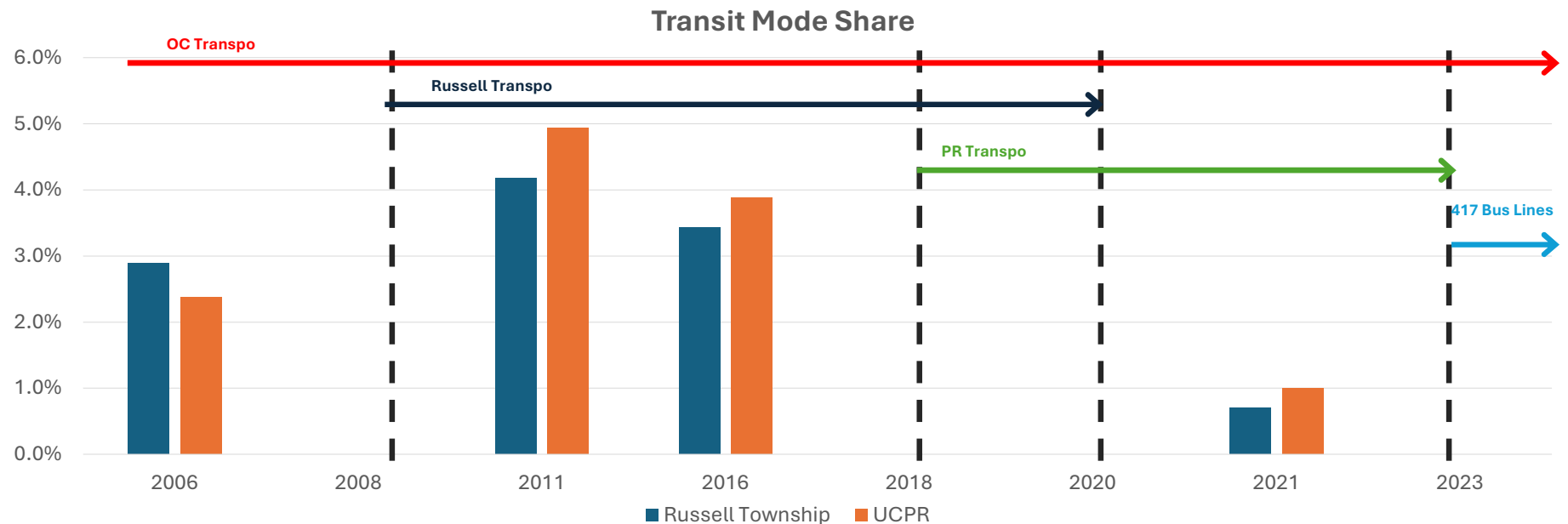
- Past service providers

- Russell Transpo

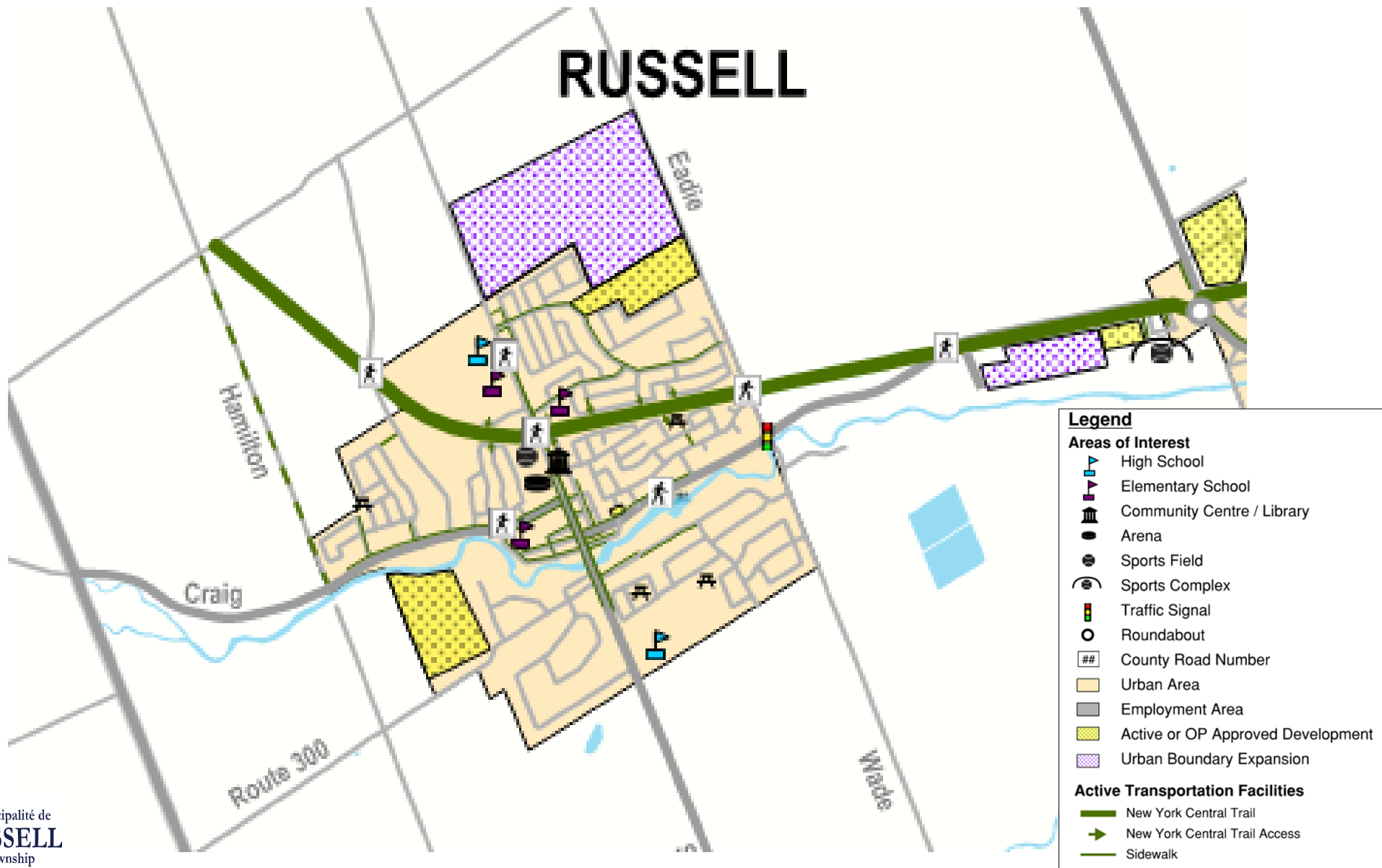
- Downtown Russell & Embrun to Ottawa

- PR Transpo

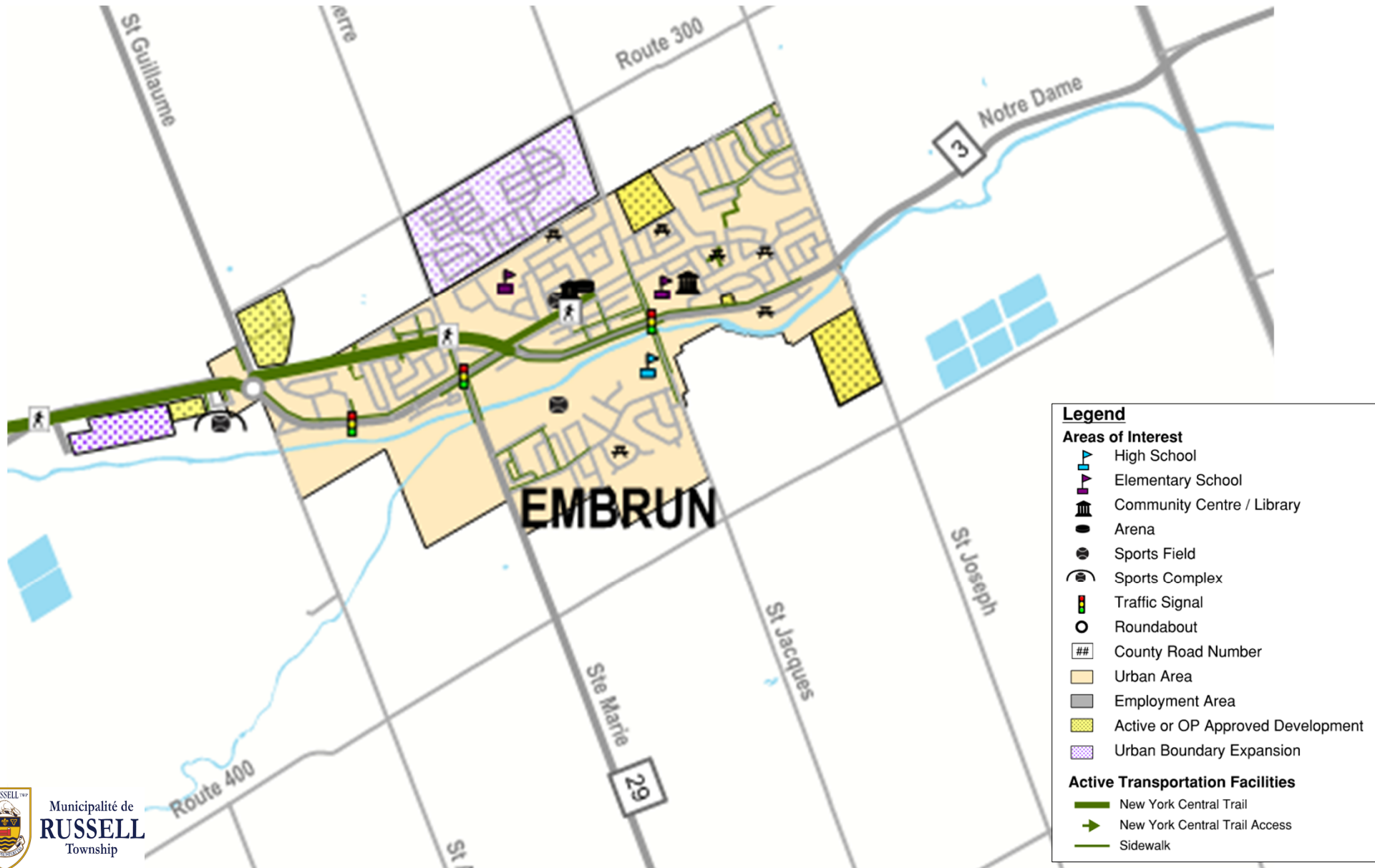
- Within UCPR on demand service.
 - 50% of trips originating in Russell Township remained in Russell Township.
 - 10 one-way rides = \$45. Per ride = \$5.



Existing Active Transportation Facilities

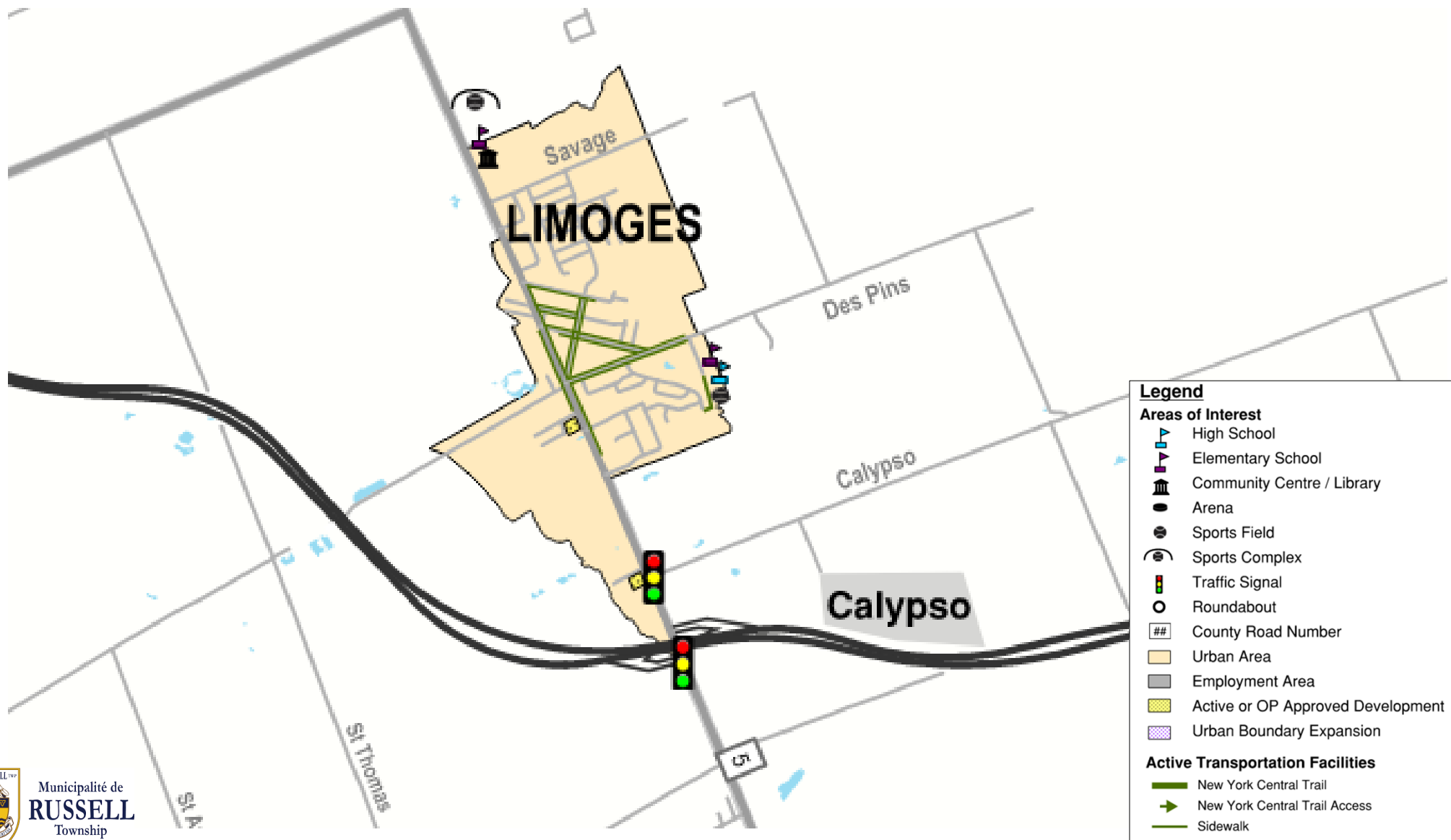


Existing Active Transportation Facilities



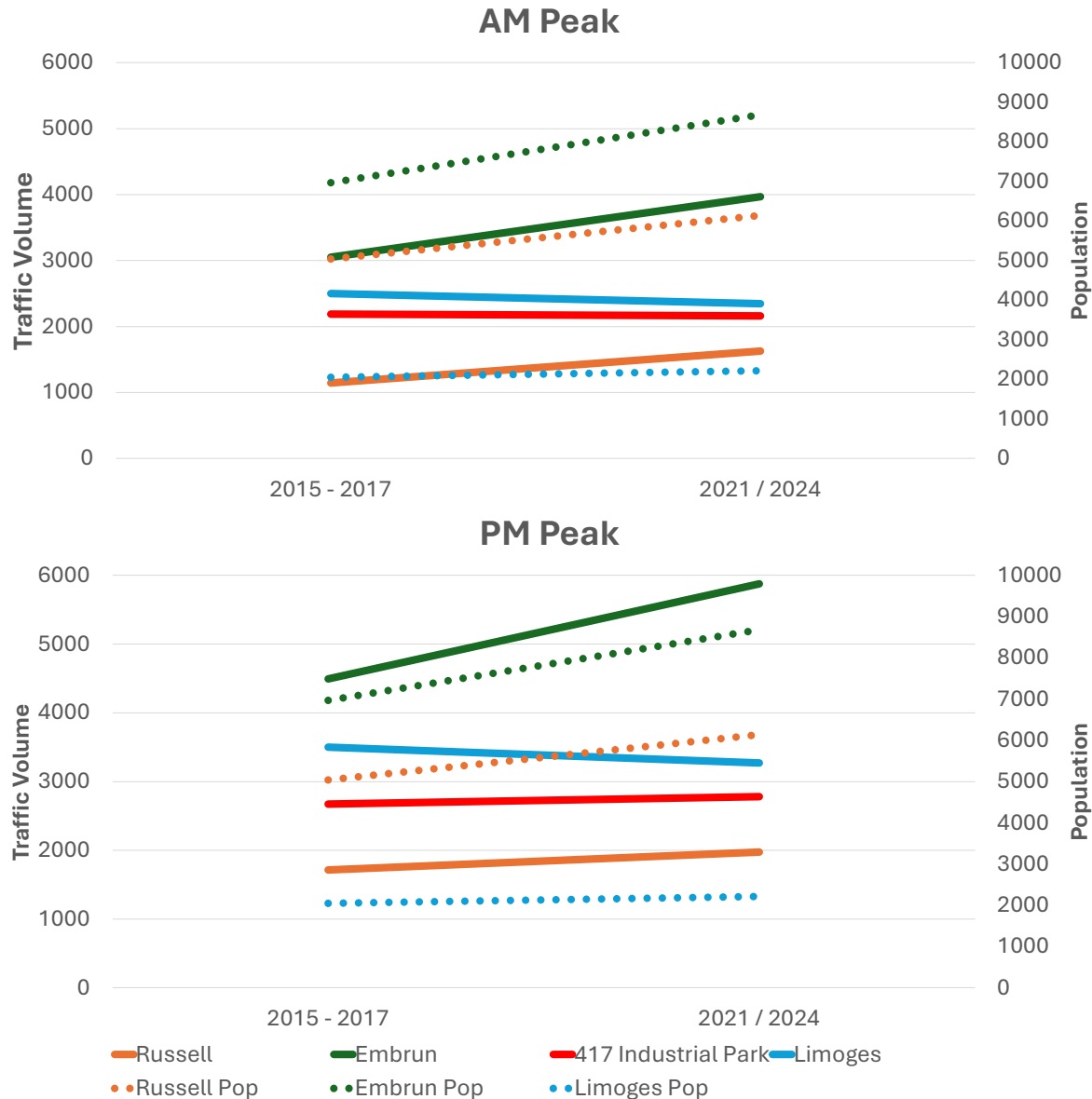
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Existing Active Transportation Facilities



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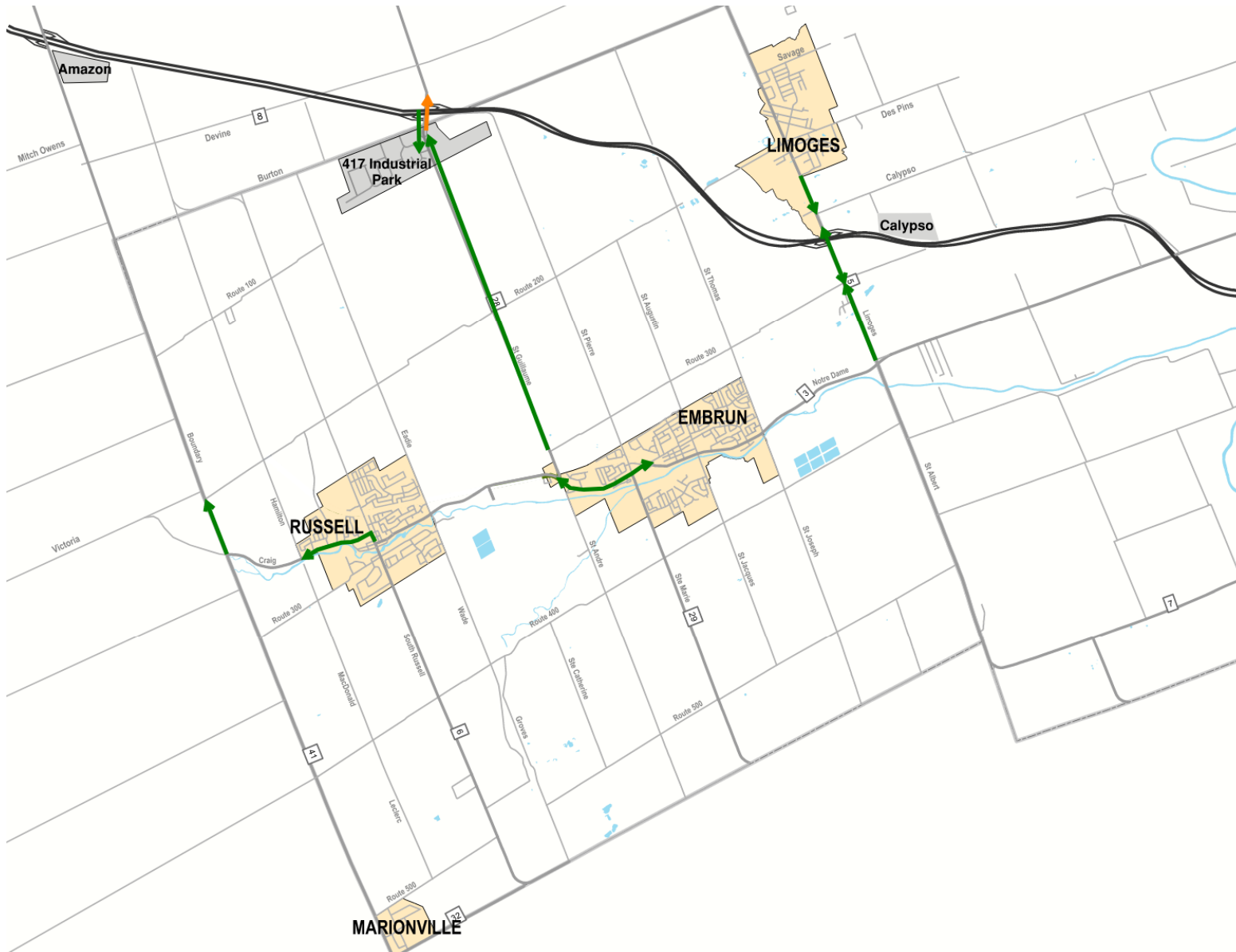
Traffic Volume Trends



- Notable increase in traffic in Embrun. Slight increase in traffic in Russell.
- Traffic growth has generally mirrored population growth.
- Negligible change in traffic around 417 Industrial Park. Growth in traffic offset by increased remote work, reducing trips to Ottawa

Note: Most recent counts for Limoges are from 2021, and therefore may have been impacted by the COVID-19 pandemic.

Existing Traffic Operations – AM Peak



Legend

↔ Direction of Travel

Levels of Service

FREE FLOW
Low volumes and no delays.

LOS
A



FREE FLOW
Speeds restricted by travel conditions, minor delays.

LOS
B



STABLE FLOW
Speeds and maneuverability closely controlled because of higher volumes.

LOS
C



STABLE FLOW
Speeds considerably affected by change in operation conditions, high density traffic restricts maneuverability, volumes near capacity.

LOS
D



UNSTABLE FLOW
Low speeds, considerable delay; volume at or slightly over capacity.

LOS
E

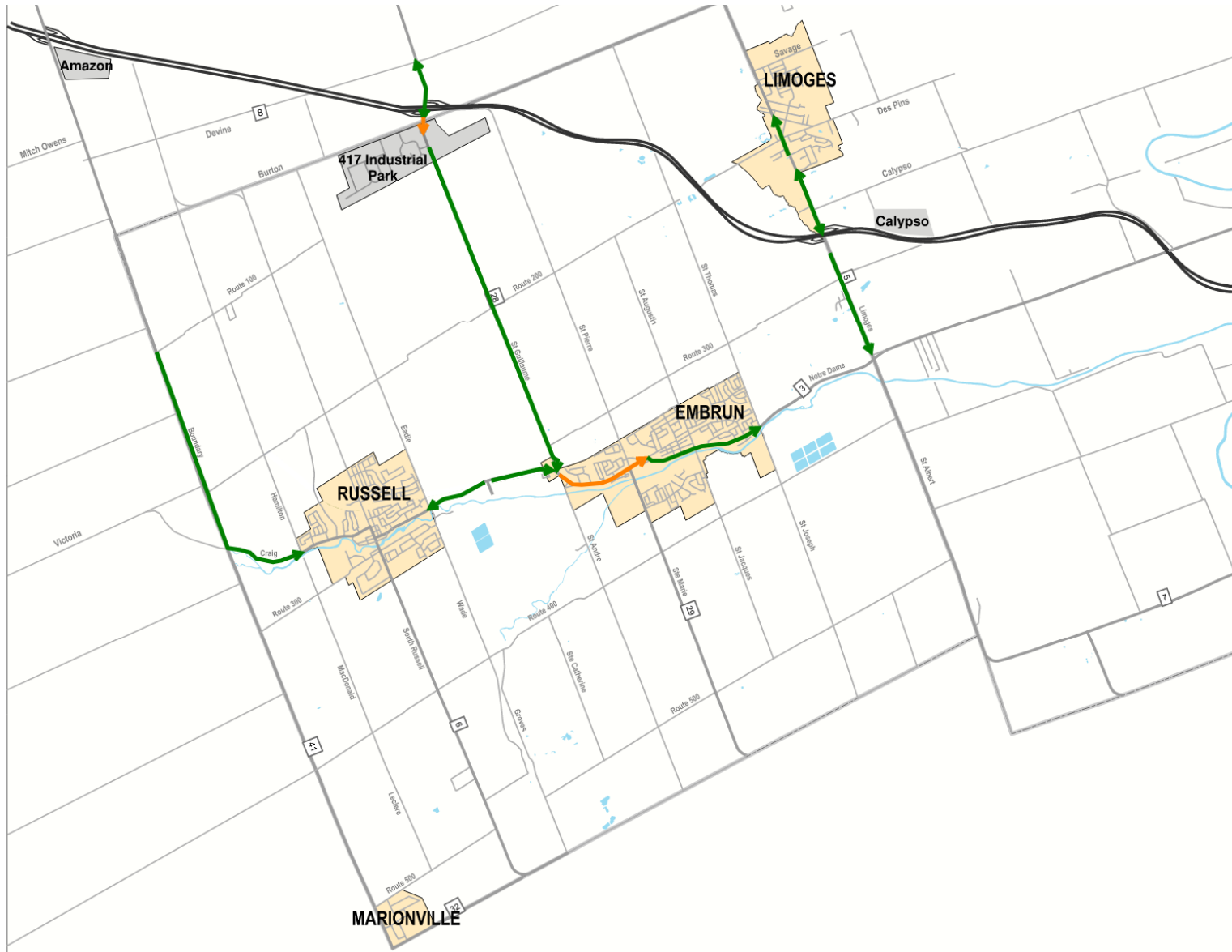


FORCED FLOW
Very low speeds; volumes exceed capacity; long delays with stop-and-go traffic.

LOS
F



Existing Traffic Operations – PM Peak



Legend

↔ Direction of Travel

Levels of Service

FREE FLOW

Low volumes and no delays.

LOS
A



FREE FLOW

Speeds restricted by travel conditions, minor delays.

LOS
B



STABLE FLOW

Speeds and maneuverability closely controlled because of higher volumes.

LOS
C



STABLE FLOW

Speeds considerably affected by change in operation conditions, high density traffic restricts maneuverability, volume near capacity.

LOS
D



UNSTABLE FLOW

Low speeds, considerable delay; volume at or slightly over capacity.

LOS
E



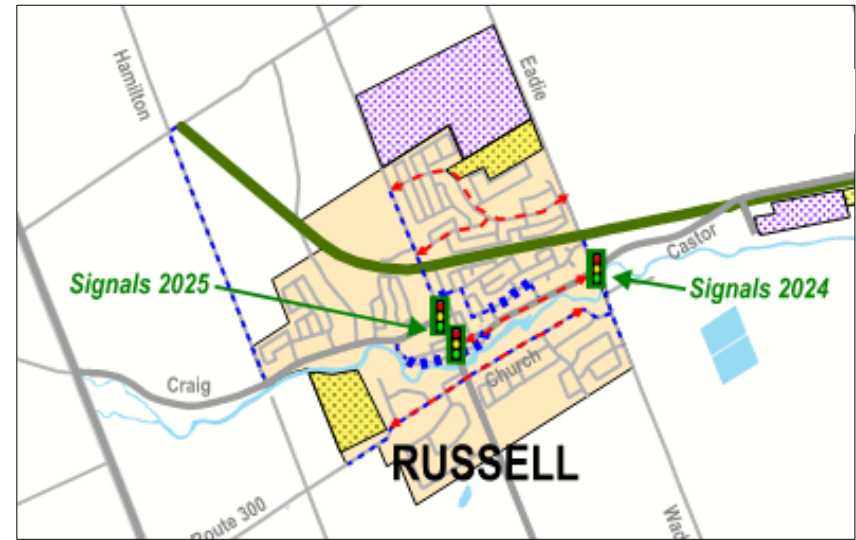
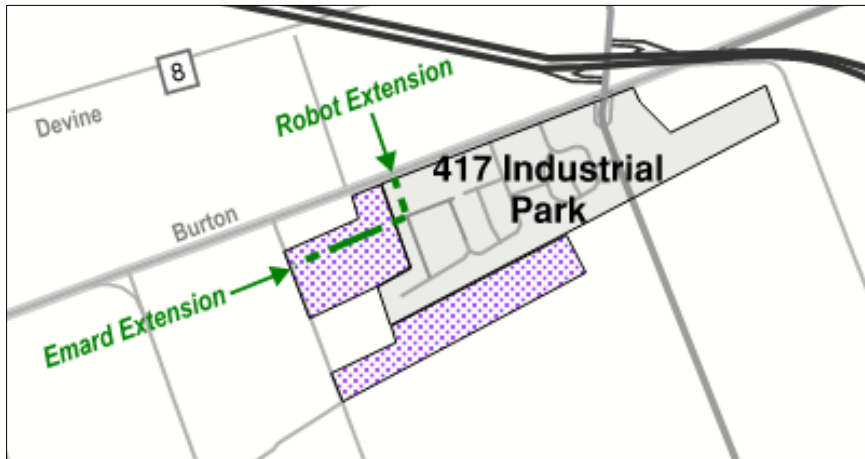
FORCED FLOW

Very low speeds; volumes exceed capacity; long delays with stop-and-go traffic.

LOS
F

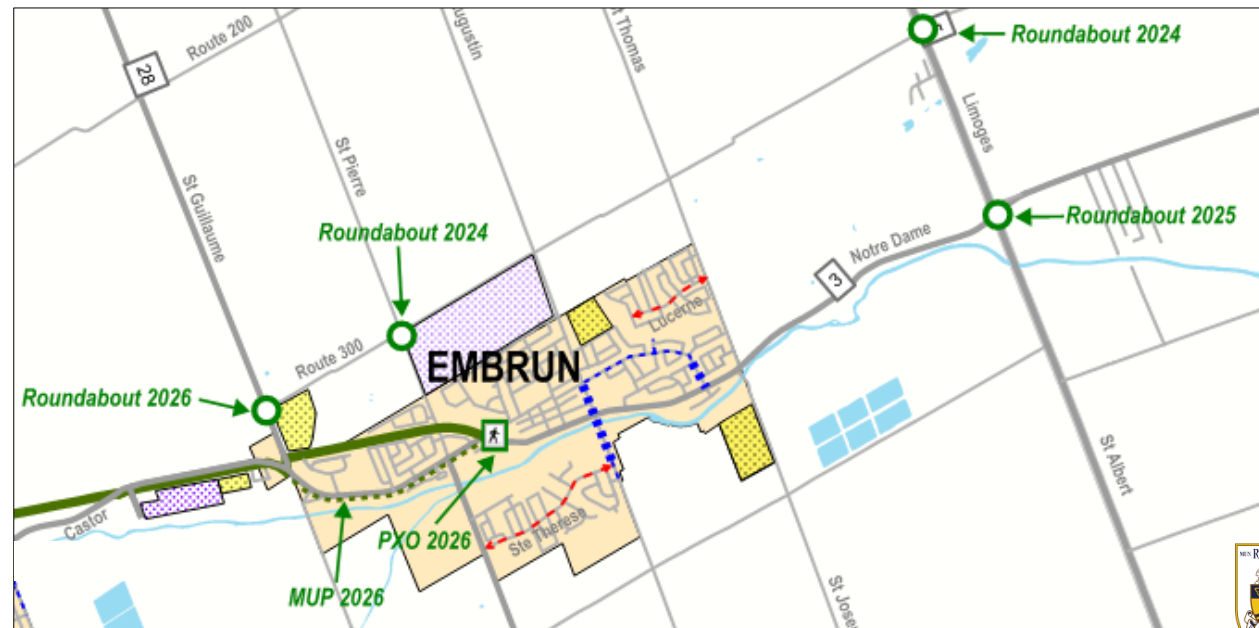


Committed Projects and Opportunities



Legend

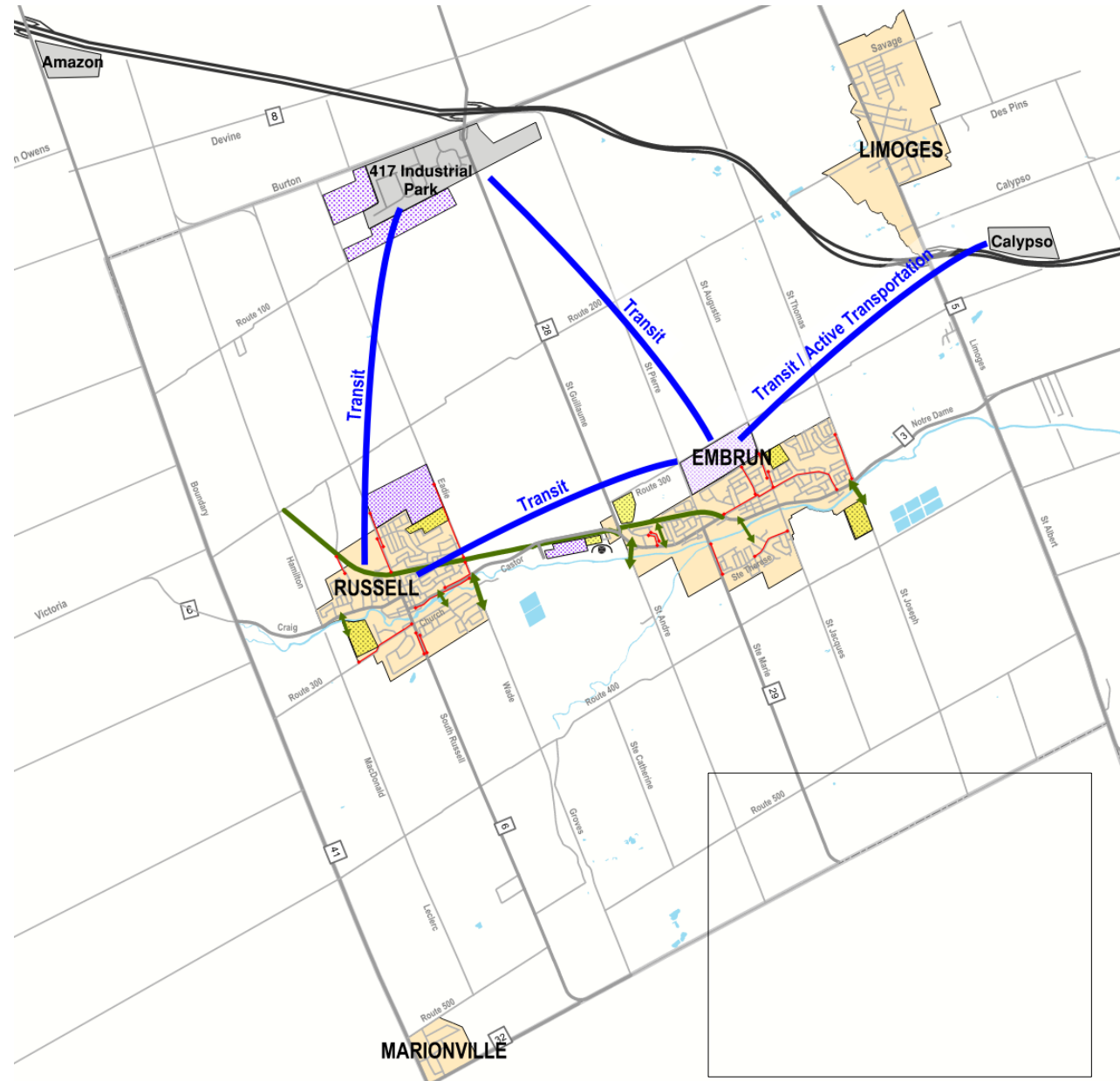
- ## County Road Number
- Urban Area
- Employment Area
- Active or OP Approved Development
- Urban Boundary Expansion
- New York Central Fitness Trail
- New Construction**
 - Roundabout
 - Traffic Signal
 - Pedestrian Crossover (PXO)
 - Multi-Use Pathway (MUP)
 - Road Extension
 - Traffic Calming Measures
- Cycling Master Plan**
 - Short-Term (0-5 years) Cycling Facility
 - Road Resurfacing 2025/2026 (Overlaps with Cycling Master Plan)



Municipalité de
RUSSELL
Township

What We've Seen & Heard

Please submit a comment sheet, or mark up one of the maps on the tables at the PIS with additional observations regarding existing conditions, deficiencies, or opportunities as you see them.



Municipalité de
RUSSELL
Township

Problem Statement

The study team has identified a number of issues and opportunities related to transportation in Russell Township. The proposed Problem Statement summarizes these issues and opportunities; for each issue identified, alternative solutions will be evaluated in the next phase of work.

- Population and employment having grown annually by 3.7% and 4.6% since the last Transportation Master Plan (2016). The projected annual population and employment growth up to 2046 is expected to be 2.1% and 3.5%, respectively. **The level of service on the road network is expected to decline, resulting in reduced mobility with higher delays in these areas.**
 - Pressures are building up within the villages as well as around the 417 Industrial Park. This calls for a corresponding shift in focus and capital investments.
- Transit and active forms of transportation currently comprise only 4% of the journey to work travel market, which falls short of the potential for these modes. **Opportunities to enhance the attractiveness and safety of these modes need to be continually identified and pursued.** This is necessary to reap the environmental, health, and social benefits as well as accommodate population and employment growth.



Problem Statement

- The equity of the transportation system also needs to be improved by providing **a well-connected multi-modal network that is accessible to all residents regardless of age, income, or physical ability**. Such considerations are particularly relevant given the Township's growing population of younger families, which currently has a higher proportion of residents aged 19 or younger than the province as a whole.
- The Township of Russell has a large number of physical barriers (such as the Castor River and Highway 417) that impede travel, particularly with respect to active modes. **To improve accessibility, there is a need to provide high quality, well-maintained sidewalks, pathways, and cycling facilities connecting different areas of the Township.**



Stakeholder Committee Meeting 1 Material

AGENDA



Municipalité de
RUSSELL
Township

Project:	Russell Township TMP Update	Project No.:	2400655.00
Date / Time:	6/19/2024 10:00 AM	Place:	Microsoft Teams
Participants:	François Landry (Russell), Jonathan Bourgon (Russell), Pier-Luc Mainville (UCPR), Jonathan Gouley (Russell), Brian McBain (Russell), Millie Bourdeau (Russell), Celine Guitard (Russell), Sebastien Dagenais (Russell), Sylvain Boudreault (Russell)		

ITEM	TOPIC	DURATION (minutes)
1.	Introductions	10 min
2.	Role & Responsibility of Stakeholder Committee Members <ul style="list-style-type: none"> Representation / Conflicts Level of Effort 	10 min
3.	Project Overview <ul style="list-style-type: none"> Project phases & associated tasks / milestones Elements of greatest interest EA process Progress to date 	10 min
4.	Public Information Session – Presentation Review	80 min
5.	Next Steps	10 min

Dist: Participants



MORRISON HERSHFIELD



Municipalité de
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Township

WELCOME

Transportation Master Plan Update

Stakeholder Committee Meeting #1

Wednesday, June 19, 2024

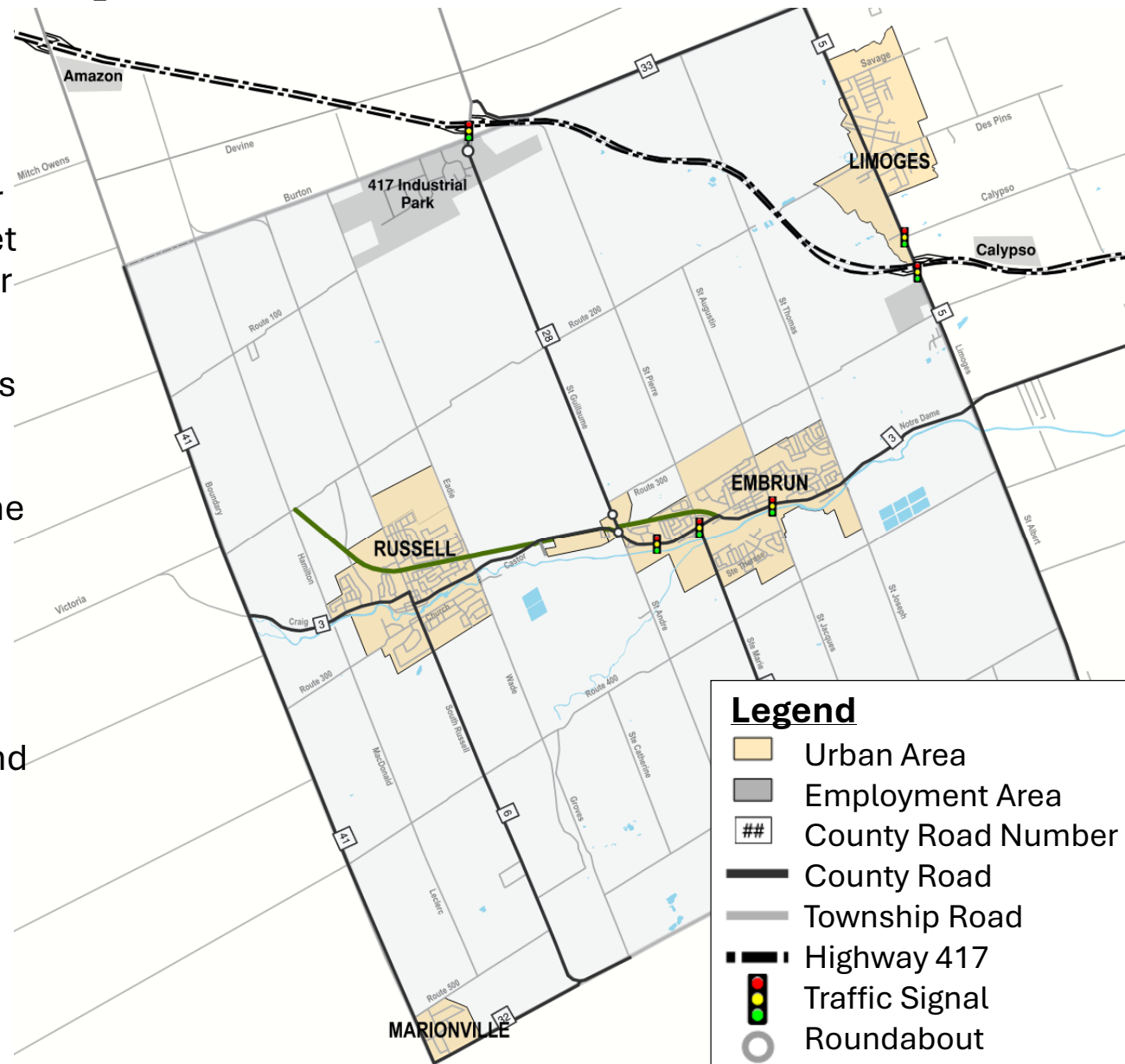
10:00 am to 12:00 pm

717 Notre-Dame St, Embrun, ON K0A 1W1

Study Area & Purpose

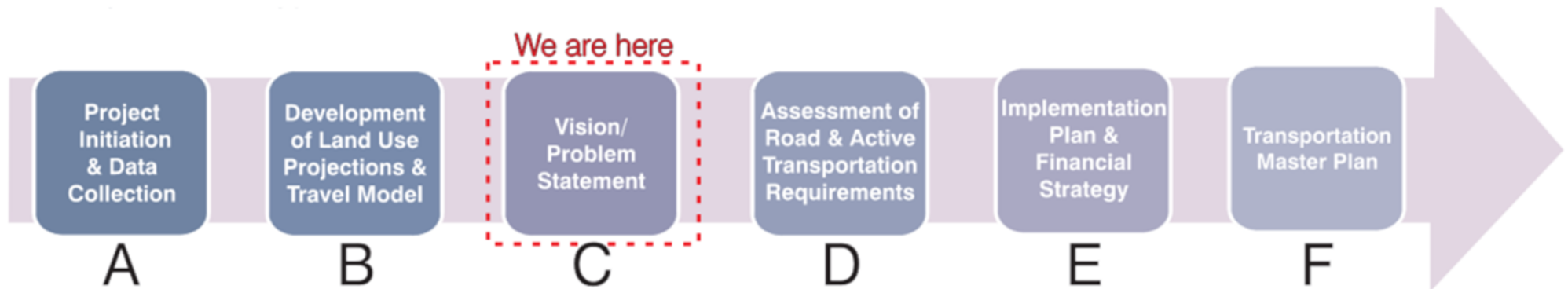
The Township of Russell is updating their Transportation Master Plan (TMP) to meet the Township's transportation needs over the next twenty years. The study will:

- Assess existing and future travel needs as they relate to all modes of transportation, considering future development and redevelopment in the Township.
- Develop and evaluate alternative improvements to the transportation network.
- Establish implementation priorities and funding requirements.



MCEA Process

- This study is being carried out in accordance with the Municipal Class Environmental Assessment (EA) Process, which is an approved process under the Environmental Assessment Act.
- The study involves six key phases, as illustrated below.



- The study is being guided by a Stakeholder Committee comprised of Township of Russell and UCPR staff from a number of key departments. The study is also being guided by an Advisory Committee comprised of Township of Russell, UCPR, and members of the general public.

Purpose of Public Information Session #1

The purpose of PIS #1 tonight is to introduce the project and receive feedback on the:

- Vision for the Transportation Master Plan
- Existing and Future Conditions within the Study Area
- Problems and Opportunities to be Addressed

Vision

- Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township without compromising environmental sustainability.

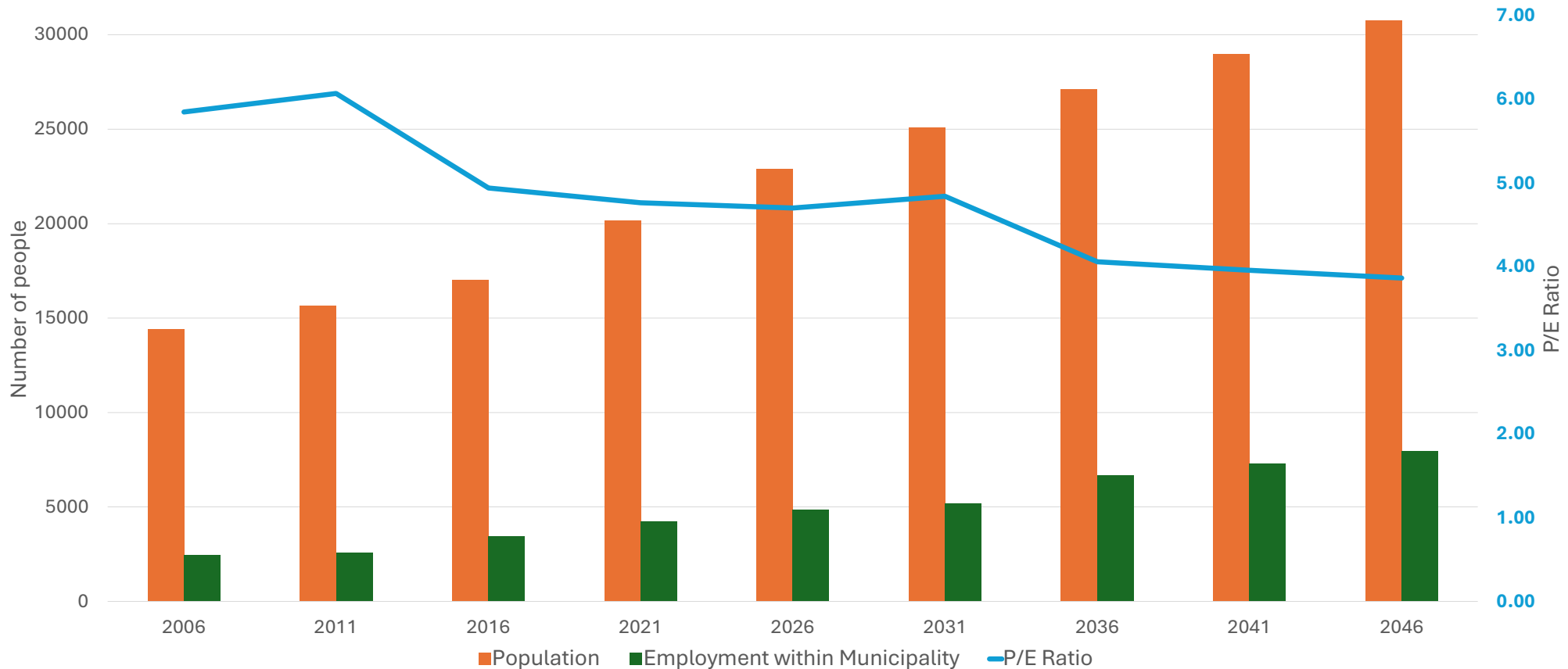


Share of Internal and External Trips

The following affects the propensity and share of internal (within Russell Township) and external (outside Russell Township) trips:

1. Change in Population to Employment Ratio within the Township.
2. Presence of Large Employment Generators on the outskirts of the Township.
 - Amazon (Opened in 2021; 1,500 jobs; 1,000,000 sq.ft.)
 - Calypso Water Park (Opened in 2010; 600 seasonal jobs, June to September)
3. Magnitude of any sustained shift towards remote working.
4. Attainment of a population base level that meets or exceeds minimum threshold by major retailers.

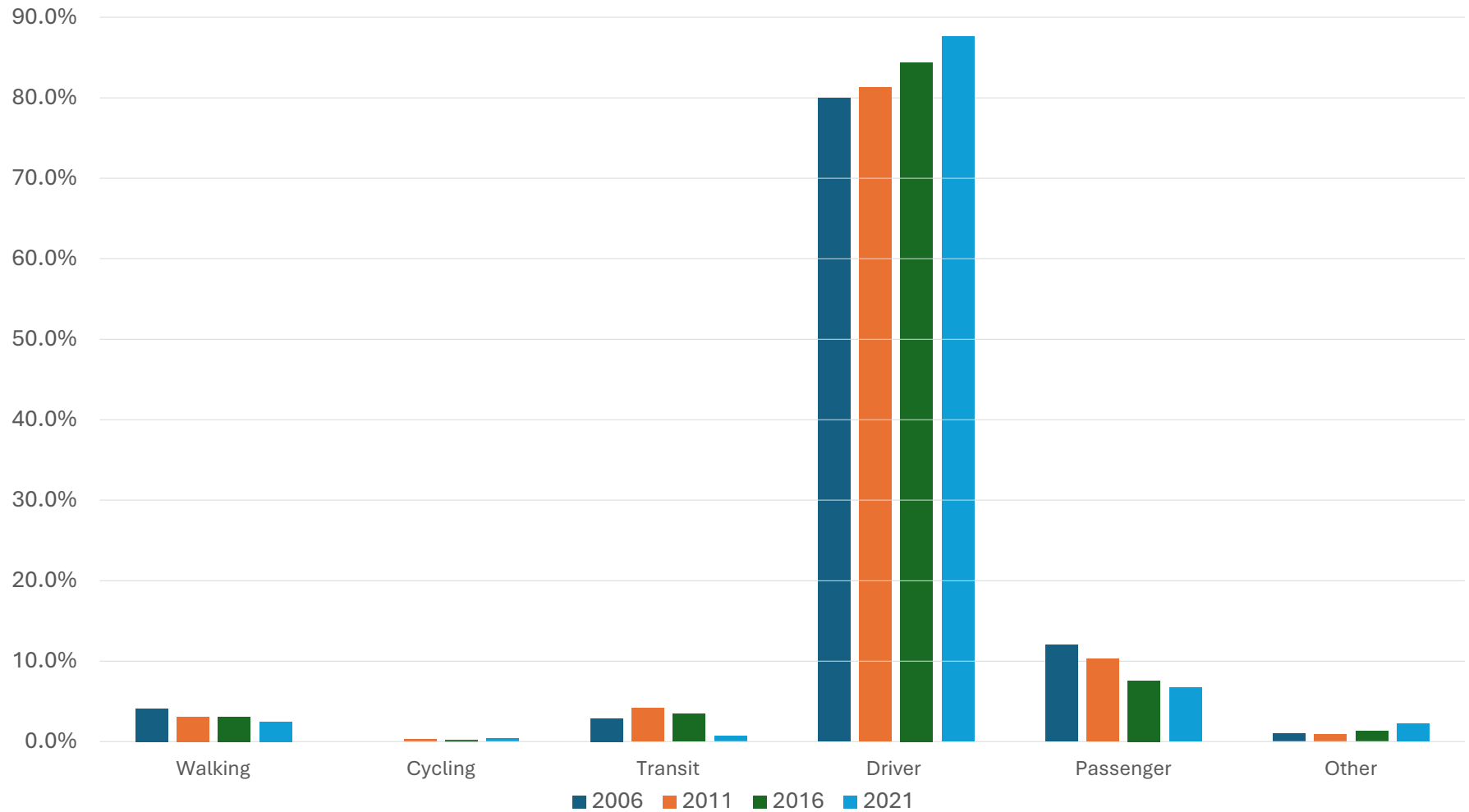
Population & Employment Growth



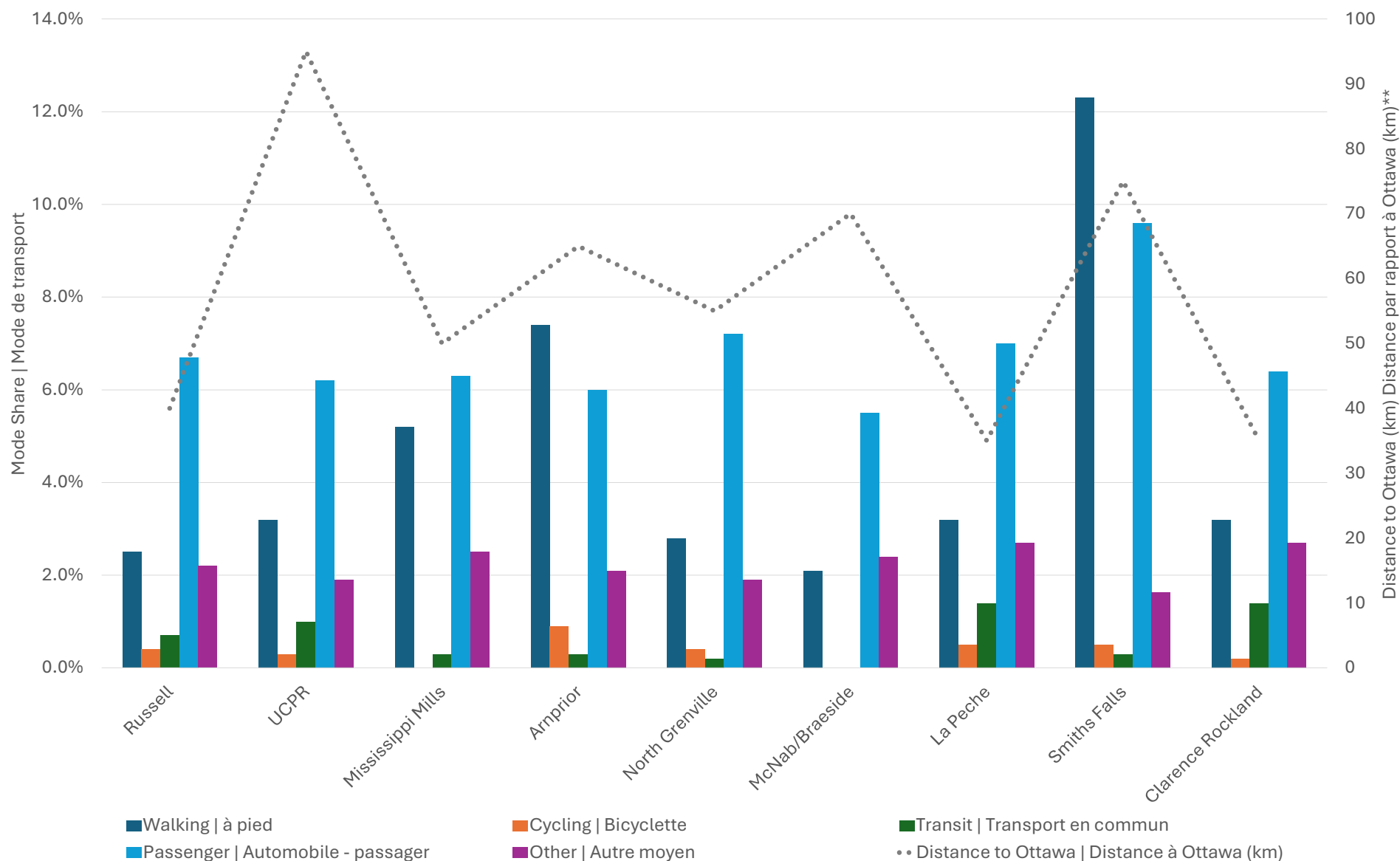
- Lower population-to-employment (P/E) ratio results in higher share of internal trips.
- P/E ratio declined by an annual rate of 2.5% from 2011 to 2021, and is projected to decline by an annual rate of 0.6% from 2021 to 2046.

Source: 2022 Hemson Growth Management Strategy Update

Mode Share – How People Get to Work



Alternative Modes – National Capital Region



****Distance from largest population centre in community (e.g., Hawkesbury for UCPR) to downtown Ottawa | Distance entre le plus grand centre de population de la communauté (p. ex. Hawkesbury pour les CUPR) et le centre-ville d'Ottawa.**

Transit Services

- Current service providers

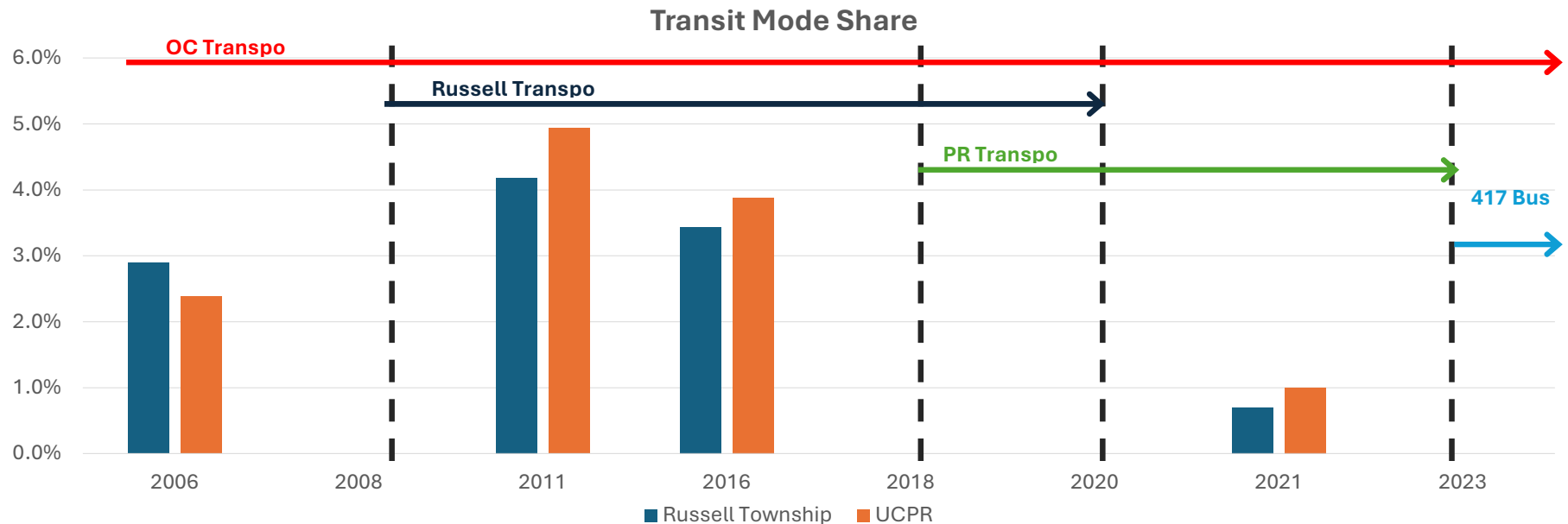
- OC Transpo
 - Vars Park & Ride to Blair LRT Station (Route 222).
 - Three routes per day (each direction), weekdays.
 - Monthly pass = \$130. Per ride = \$3.80.
- 417 Bus Lines
 - Downtown Russell & Embrun to Ottawa.
 - Once per day (each direction), Tuesday - Thursday.
 - Monthly pass = \$300. 10 one-way rides = \$225.

- Park & Ride Lot (OC Transpo)

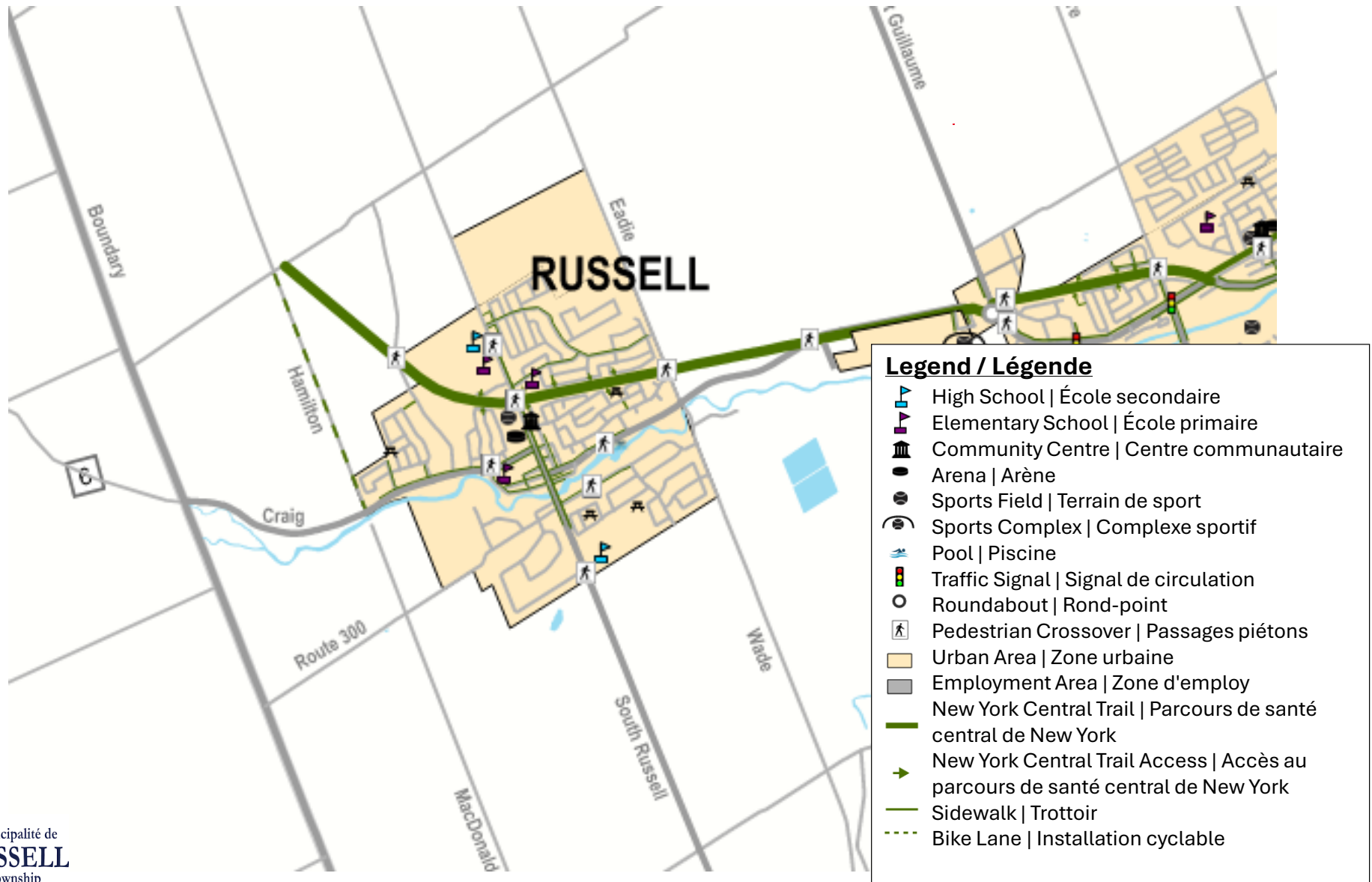
- Vars Park & Ride – 200 spots
- February 2024 usage – 19% (38 spots)

- Past service providers

- Russell Transpo
 - Downtown Russell & Embrun to Ottawa.
 - Three routes per day (each direction), weekdays.
 - Monthly pass = \$245. 10 one-way rides = \$102. Per ride = \$15.
- PR Transpo
 - Within UCPR on demand service.
 - 50% of trips originating in Russell Township remained in Russell Township.
 - 10 one-way rides = \$45. Per ride = \$5.

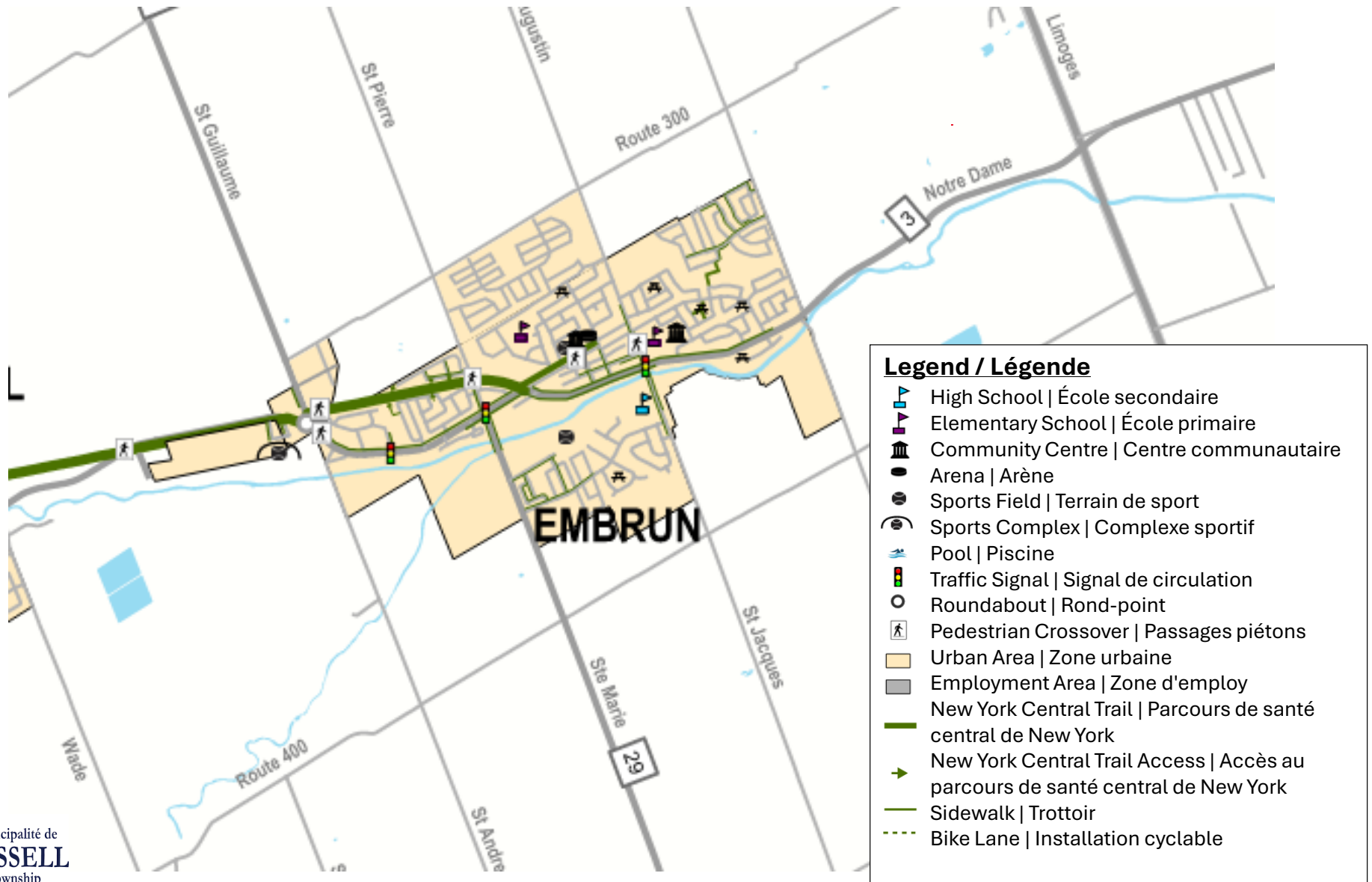


Existing Active Transportation Facilities



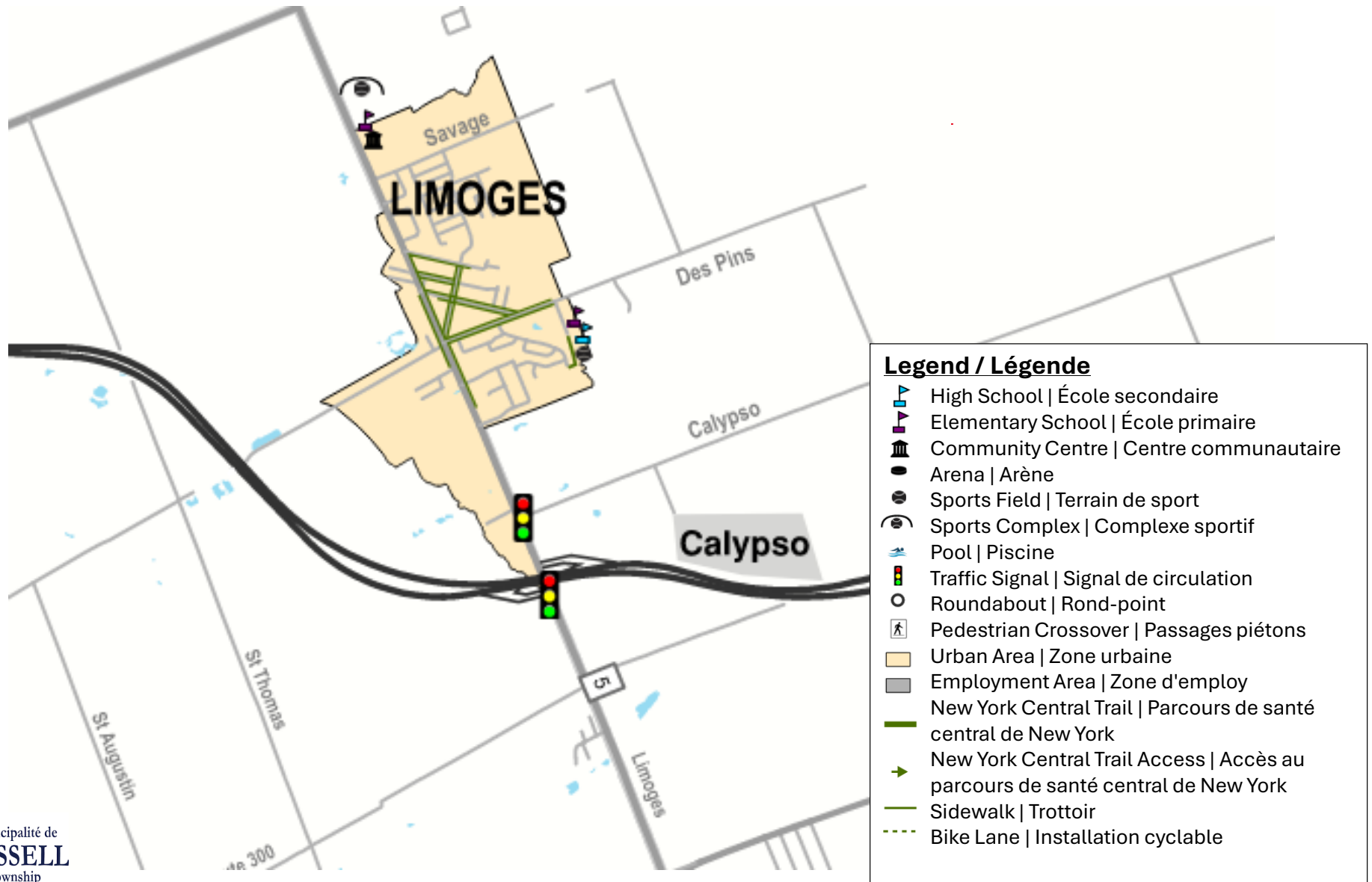
Municipalité de
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Township

Existing Active Transportation Facilities



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Township

Existing Active Transportation Facilities



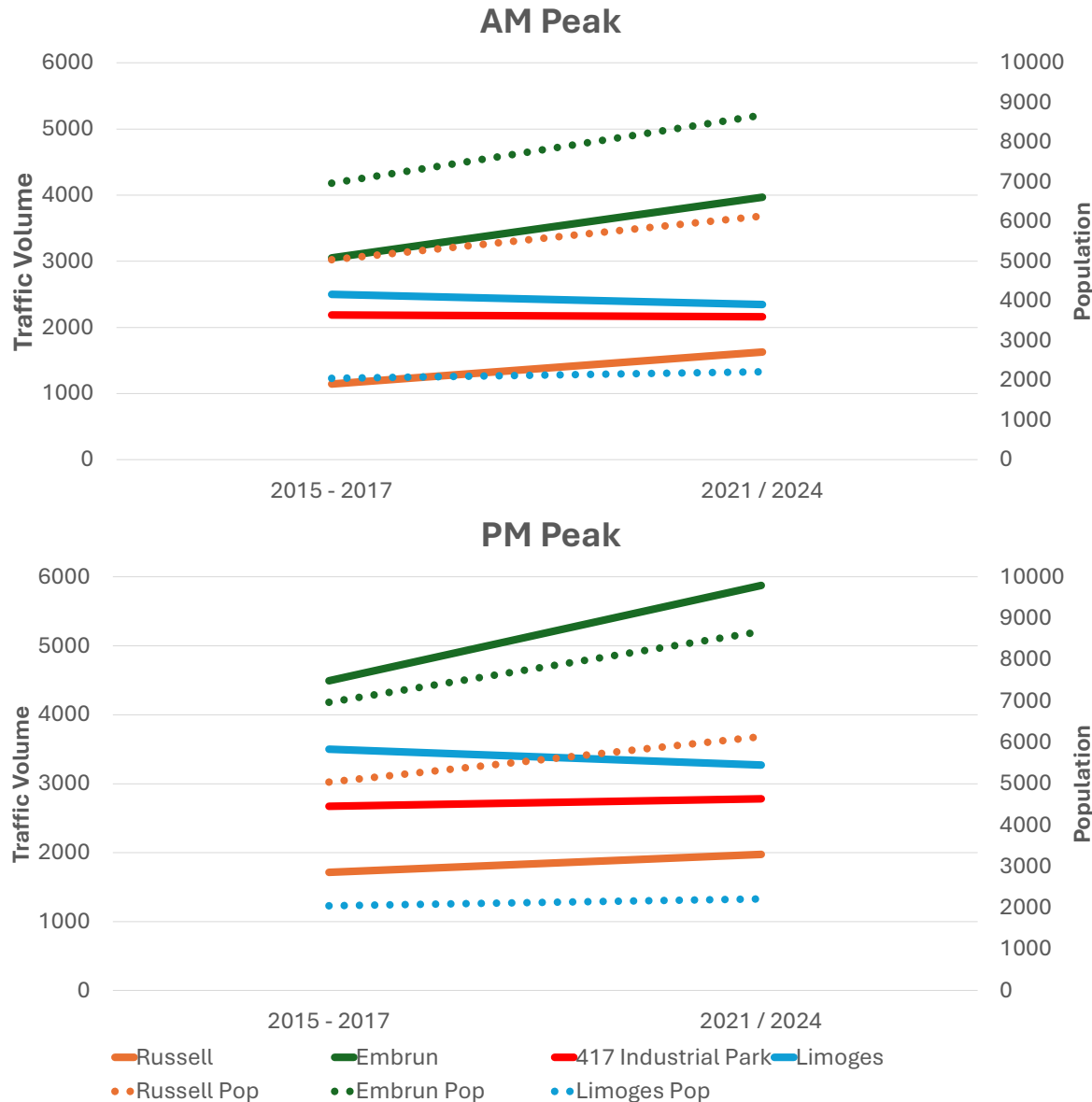
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Existing Active Transportation Facilities



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Township

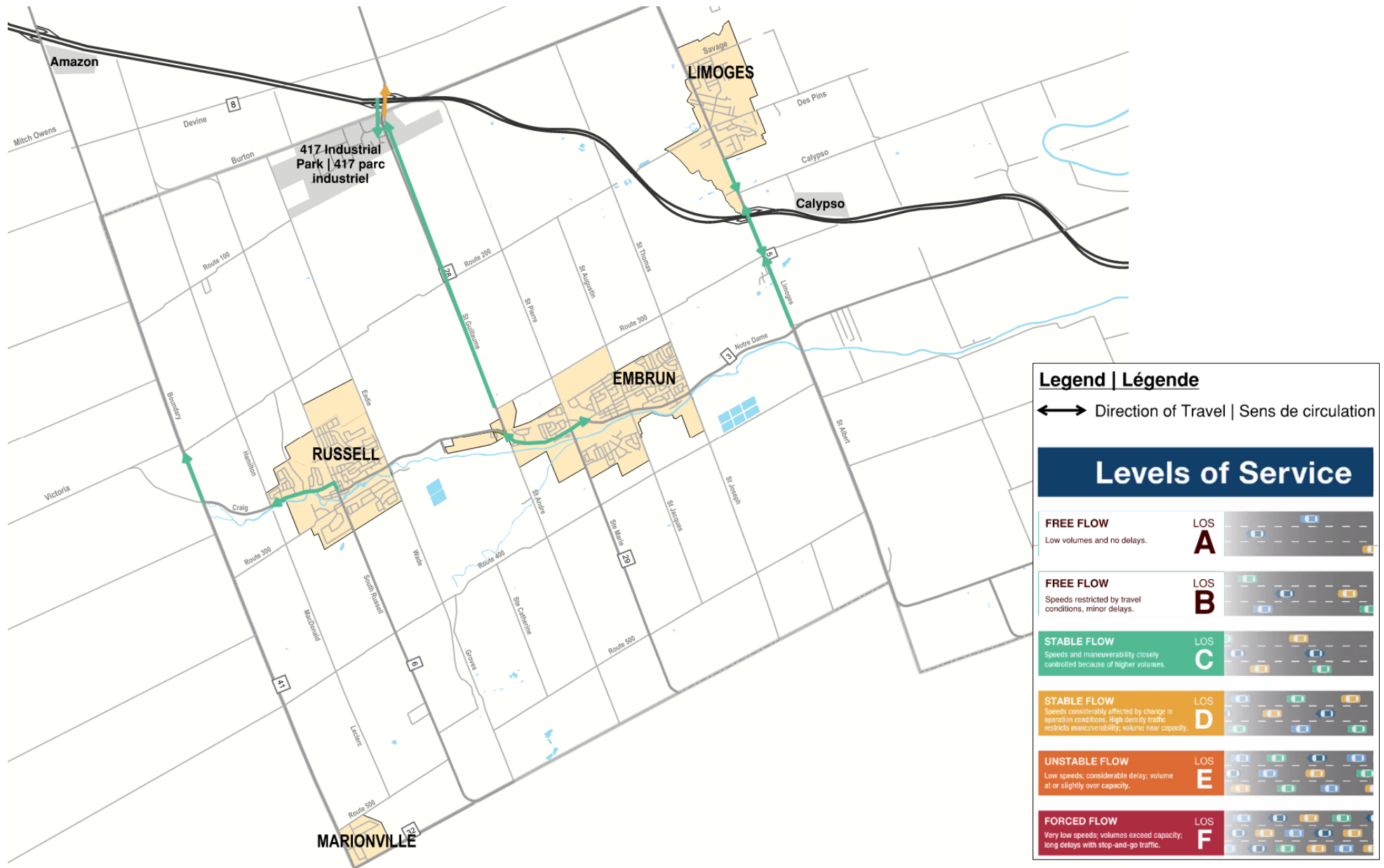
Traffic Volume Trends



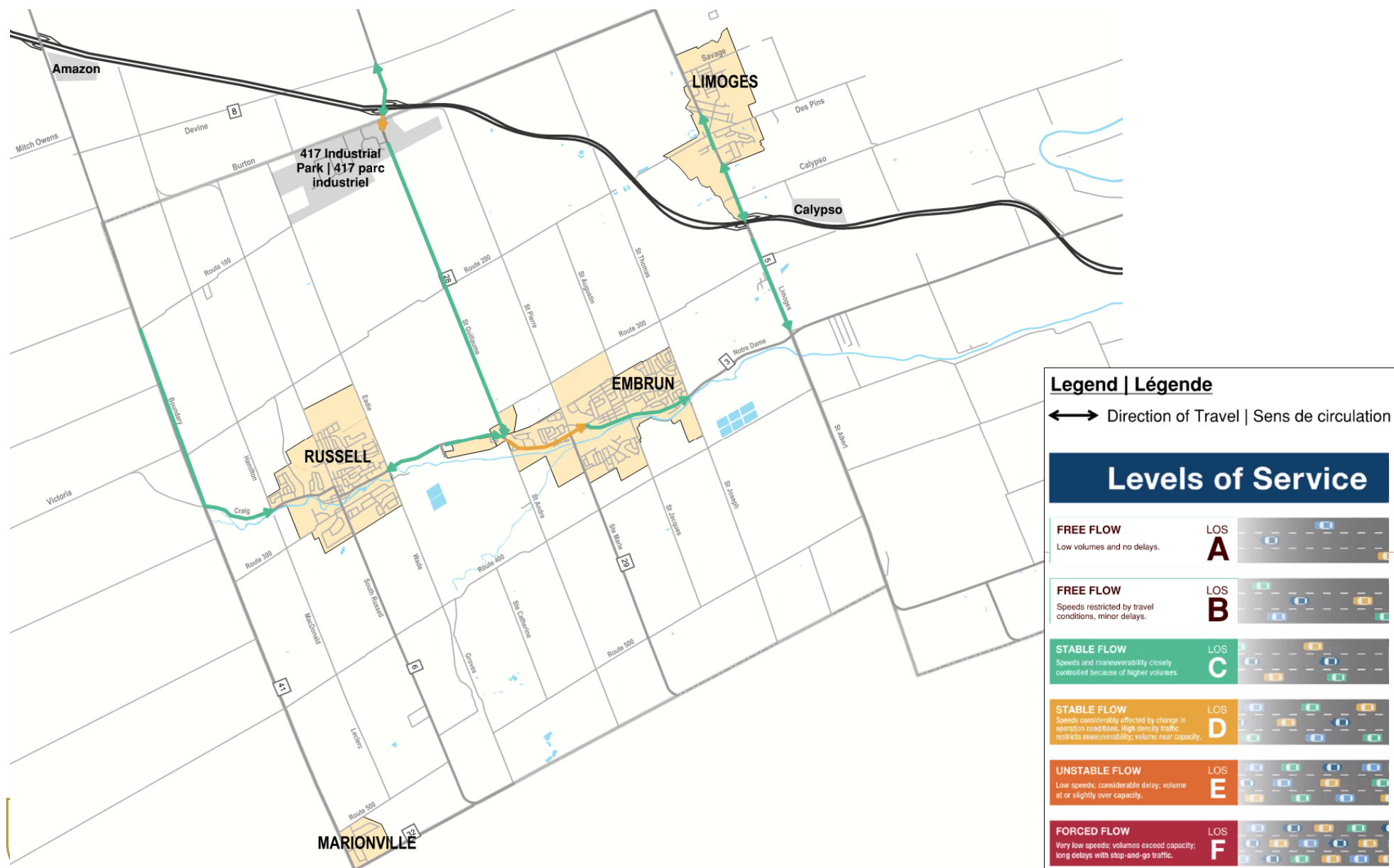
- Notable increase in traffic in Embrun. Slight increase in traffic in Russell.
- Traffic growth has generally mirrored population growth.
- Negligible change in traffic around 417 Industrial Park. Growth in traffic offset by increased remote work, reducing trips to Ottawa

Note: Most recent counts for Limoges are from 2021, and therefore may have been impacted by the COVID-19 pandemic.

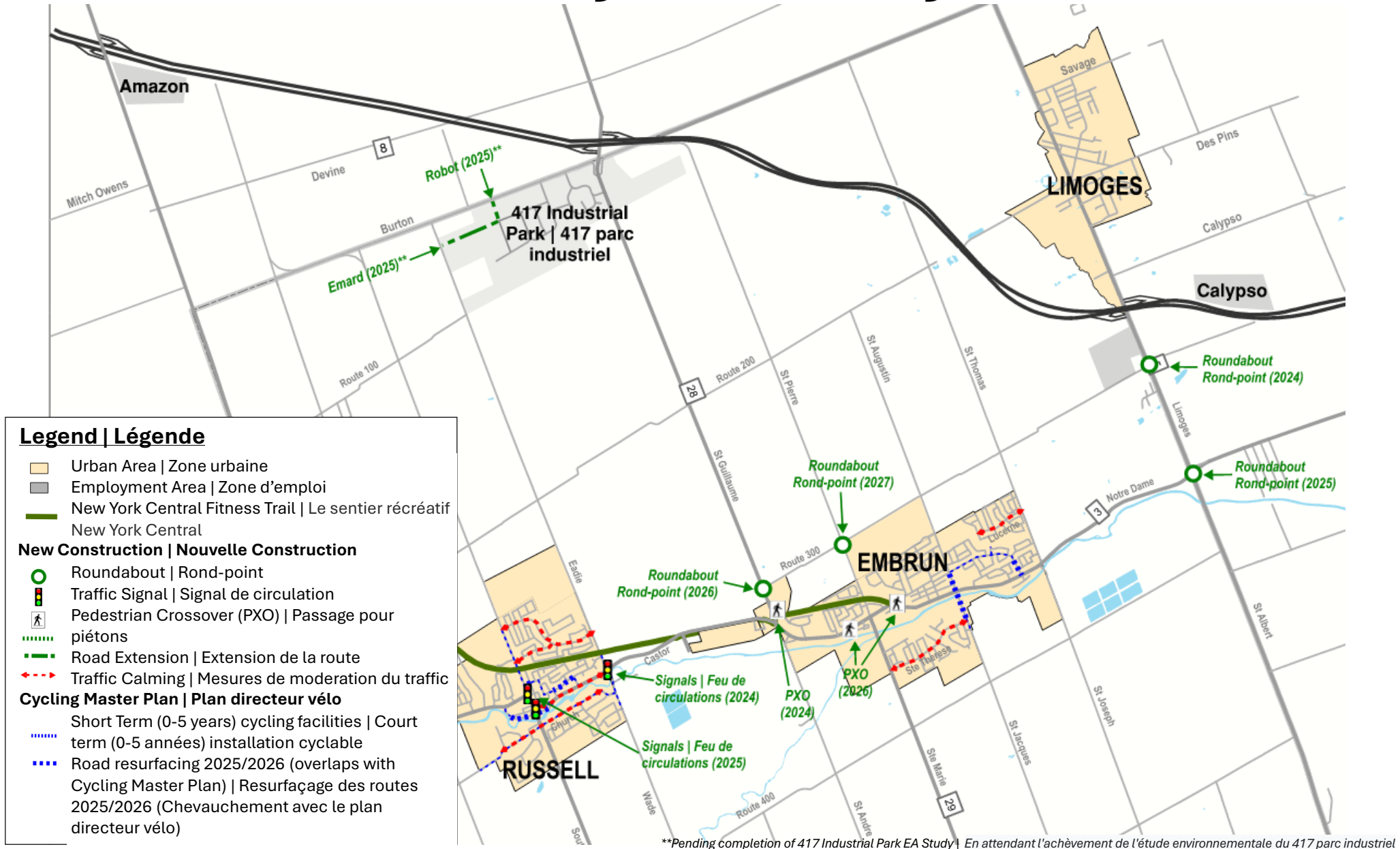
Existing Traffic Operations – AM Peak



Existing Traffic Operations – PM Peak



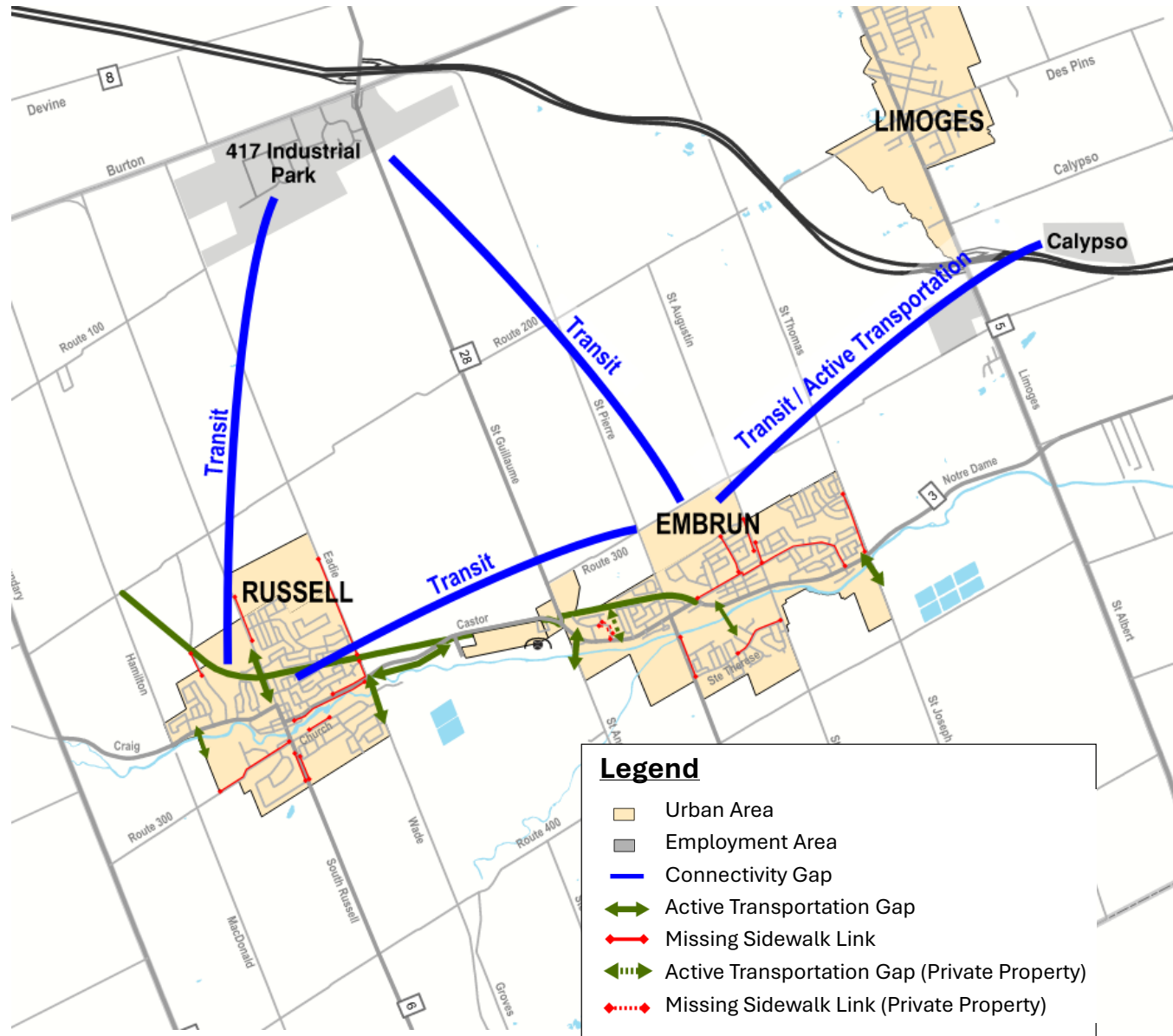
Committed & Projected Projects



**Pending completion of 417 Industrial Park EA Study | En attendant l'achèvement de l'étude environnementale du 417 parc industriel

What We've Seen & Heard

- This image shows what we've observed so far, but we want to hear from you!
- Please submit a comment sheet or mark up one of the maps on the tables.
 - Include observations regarding existing conditions, deficiencies, or opportunities.



Problem Statement

The proposed Problem Statement summarizes issues and opportunities identified by the study team; for each issue identified, alternative solutions will be evaluated in the next phase of work.

Due to recent and projected population and employment growth, the level of service on the road network is expected to decline, resulting in reduced mobility with higher delays with the villages and around the 417 Industrial Park.

Transit and active forms of transportation currently comprise only 4% of the journey to work travel market, which falls short of the potential for these modes and must be improved.

The equity of the transportation system needs to be improved by providing a well-connected multi-modal network that is accessible to all residents regardless of age, income, or physical ability.

The Township has an important number of physical barriers (such as the Castor River and Highway 417) that impede travel, particularly with respect to active modes.



Next Steps and How to Stay Informed

Following today's Public Information Session, we will:

- Analyze and incorporate feedback received from stakeholders and members of the public.
- Conduct an in-depth analysis of alternatives for the future transportation system.
- Develop recommendations.
- Prepare implementation strategy.
- Hold a second Public Information Session



Municipalité de
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Township

Public Information Session 1 Material

Municipal Class Environmental Assessment Study
Transportation Master Plan Update for Russell Township
Notice of Public Information Session



Public Notice

First Published on June 5, 2024

Public Information Centre Details:

- **Date/Time:** Wednesday, June 19, 2024, 6:00pm to 8:00pm
- **Location:** Council Chambers, Township of Russell Office
717 Notre-Dame St, Embrun, ON K0A 1W1

The Township of Russell has initiated the update of the Transportation Master Plan. This will be an important document, guiding the strategic directions of the transportation network as the Township accommodates mobility for future growth while ensuring a sustainable, accessible, and highly liveable community.

The study will examine deficiencies and develop recommendations for the transportation network, including pedestrian, cycling and vehicular modes. Recommendations arising from the study will guide the establishment of infrastructure improvement priorities and support the development of the future capital programs.

A Public Information Session (PIS) is being held to introduce the project, preliminary results of activities completed to-date and to solicit public and stakeholder’s feedback on the information presented. The PIS will follow a drop-in format. Project team representatives will be available to answer questions and discuss next steps.

The Process

The Master Plan is being carried out in accordance with the requirements of the Municipal Class Environmental Assessment document (last amended in February 2024), which is approved under the Ontario Environmental Assessment Act. The Master Plan will complete Phases 1 and 2 of the Class EA Process. Projects recommended by the Master Plan requiring additional studies will require project specific Class EA studies outside of the scope of this Master Plan.

The Master Plan process includes public, indigenous and external agency consultation, an evaluation of alternative solutions, an assessment of potential impacts associated with the proposed improvements and development of measures to mitigate identified impacts.

Public Consultation

Public consultation is an integral component of the Class EA process, and we value your input during the planning process. Notices are published in local newspapers, on the Township’s website (www.russell.ca) and distributed to all individuals and agencies who express an interest in this project.

If you wish to be placed on the Project Contact List to receive notices and information or to provide comments at any time during the process, you can do so by contacting:

François Landry
Municipalité de Russell Township
Project Manager
613.443.1747
francoislandry@russell.ca

Colin MacKenzie, P.Eng.
Morrison Hershfield Ltd.
Deputy Project Manager
613.739.2910
cmackenzie@morrisonhershfield.com

Under the Municipal Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and may be released, if requested, to any person.

 www.facebook.com/MunRussellTwp

 www.twitter.com/MunRussellTwp

Russell Township
717 Notre-Dame St, Embrun ON, K0A 1W1
Telephone: 613.443.3066
www.russell.ca

WELCOME

Transportation Master Plan Update

Public Information Session #1

Wednesday, June 19, 2024, 6:00 pm to 8:00 pm

Council Chambers, Township of Russell

717 Notre-Dame St, Embrun, ON K0A 1W1



Municipalité de
RUSSELL
Township

Key Instructions for this Meeting

1. Please sign in
 - Meeting is a drop-in format
2. Review display materials
 - Our representatives will be pleased to discuss the study, or any questions or concerns that you may have
 - Feel free to provide comments directly on the maps placed on the tables in the center of the Council Chambers.
3. Complete a comment sheet
 - Drop off your completed Comment Sheet in the box tonight or return it per instructions noted on the Comment Sheet by July 19, 2024

BIENVENUE

Mise à jour du plan directeur des transports

Session d'information publique n° 1

Le mercredi 19 juin, 2024, de 18h00 à 20h00,

Salle du Conseil, Canton de Russell

717, rue Notre-Dame, Embrun, ON K0A 1W1



Municipalité de
RUSSELL
Township

Instructions clés pour cette réunion

1. Veuillez-vous inscrire
 - La réunion est un format sans rendez-vous.
2. Examiner le matériel affiché
 - Nos représentants se feront un plaisir de discuter de l'étude ou de toute question ou préoccupation que vous pourriez avoir.
 - N'hésitez pas à nous faire part de vos commentaires directement sur les cartes placées sur les tables au centre de la salle du Conseil..
3. Compléter une feuille de commentaires
 - Déposez votre feuille de commentaires remplie dans la boîte ce soir ou renvoyez-la selon les instructions indiquées sur la feuille de commentaires avant le 19 juillet, 2024.

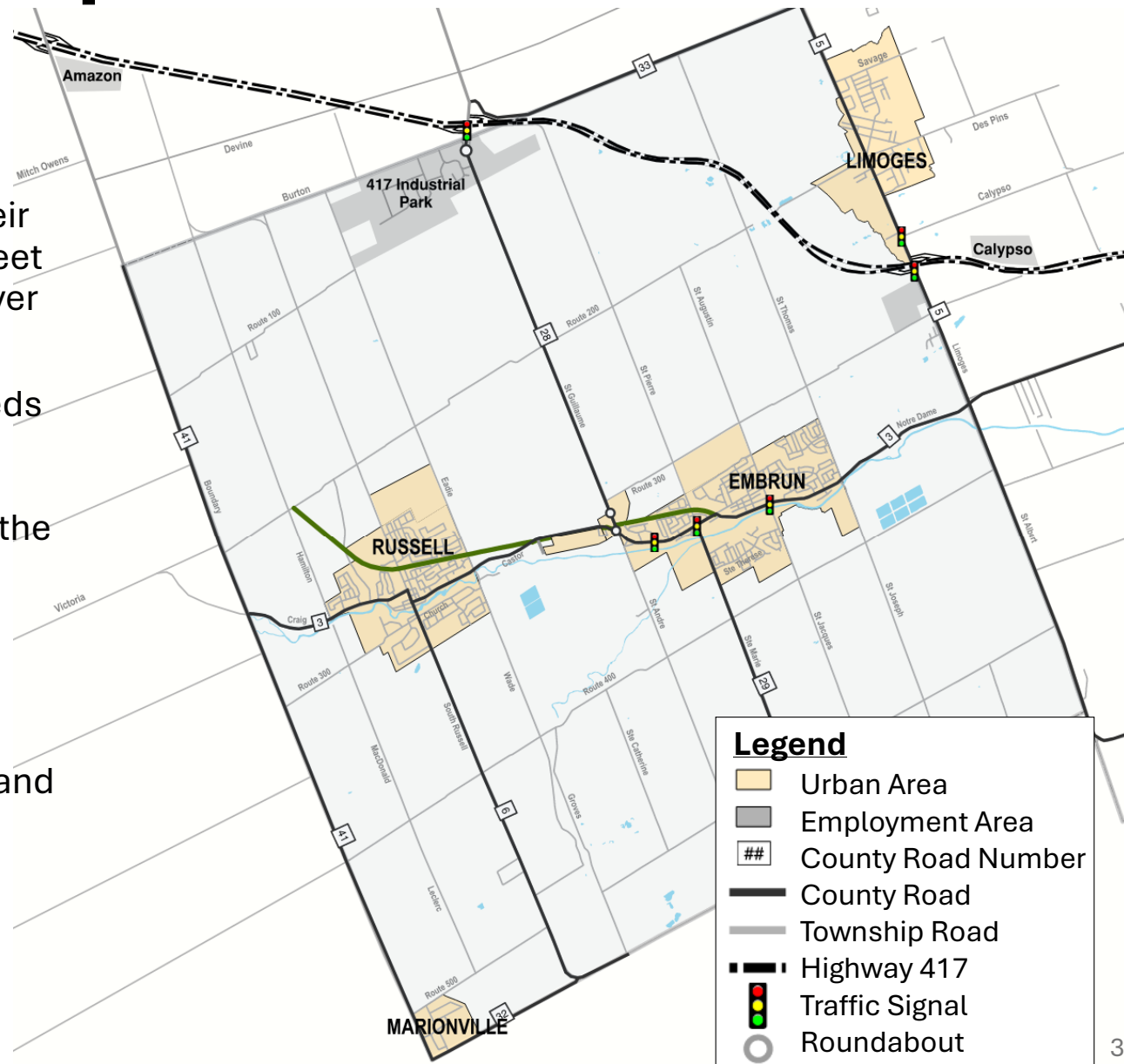
Study Area & Purpose

The Township of Russell is updating their Transportation Master Plan (TMP) to meet the Township's transportation needs over the next twenty years. The study will

- Assess existing and future travel needs as they relate to all modes of transportation, considering future development and redevelopment in the Township
- Develop and evaluate alternative improvements to the transportation network
- Establish implementation priorities and funding requirements



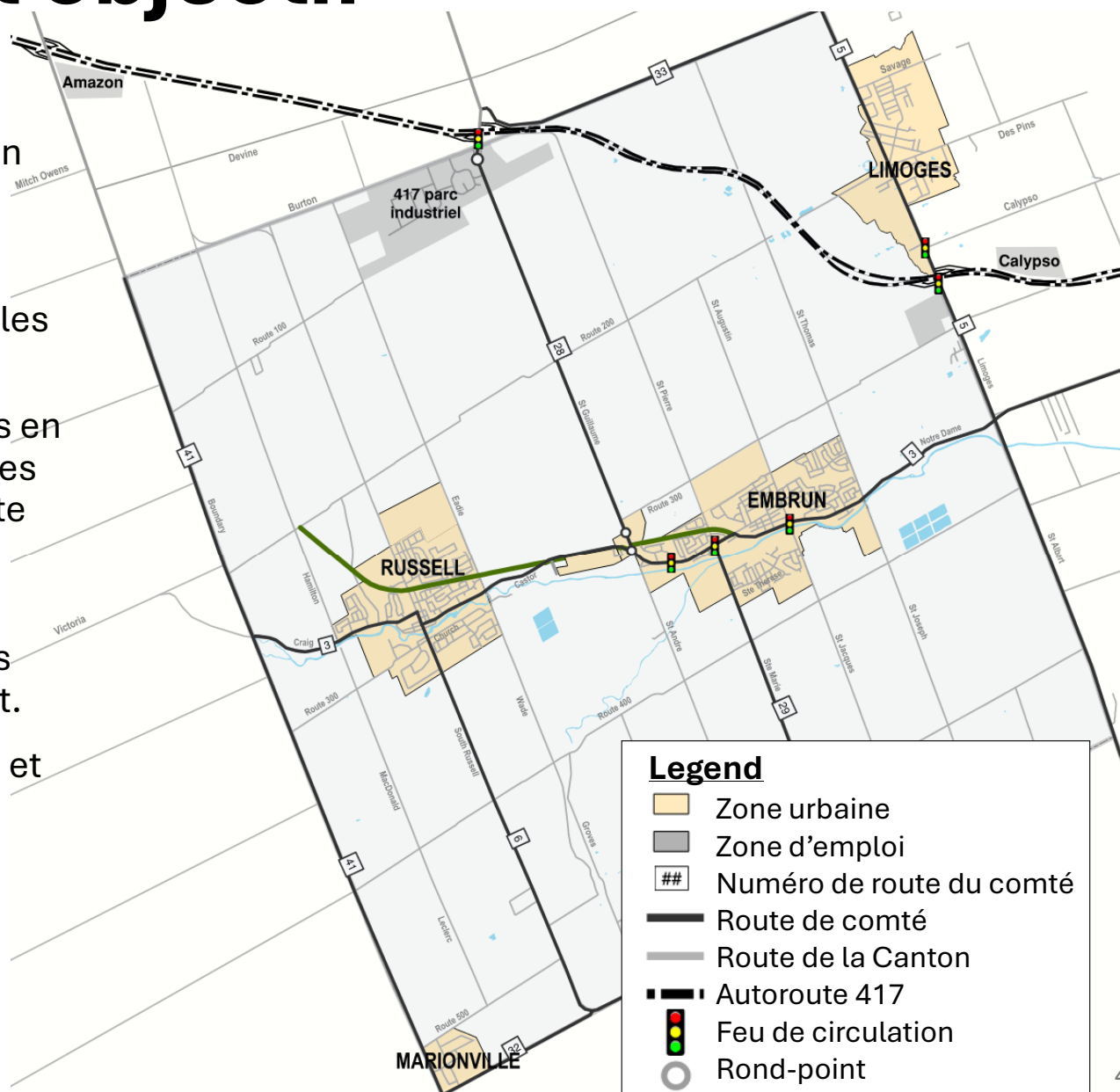
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Zone d'étude et objectif

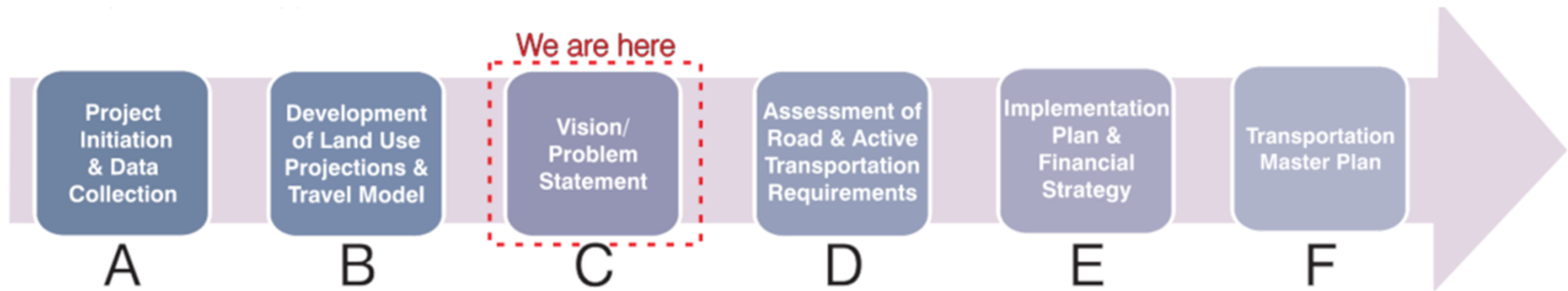
La Canton de Russell met à jour son plan directeur des transports (PDT) afin de répondre aux besoins de la Canton en matière de transport au cours des vingt prochaines années. L'étude portera sur les points suivants:

- Évaluer les besoins existants et futurs en matière de déplacements pour tous les modes de transport, en tenant compte du développement et du réaménagement futurs du canton.
- Développer et évaluer les alternatives d'amélioration du réseau de transport.
- Établir les priorités de mise en œuvre et les besoins de financement.



MCEA Process

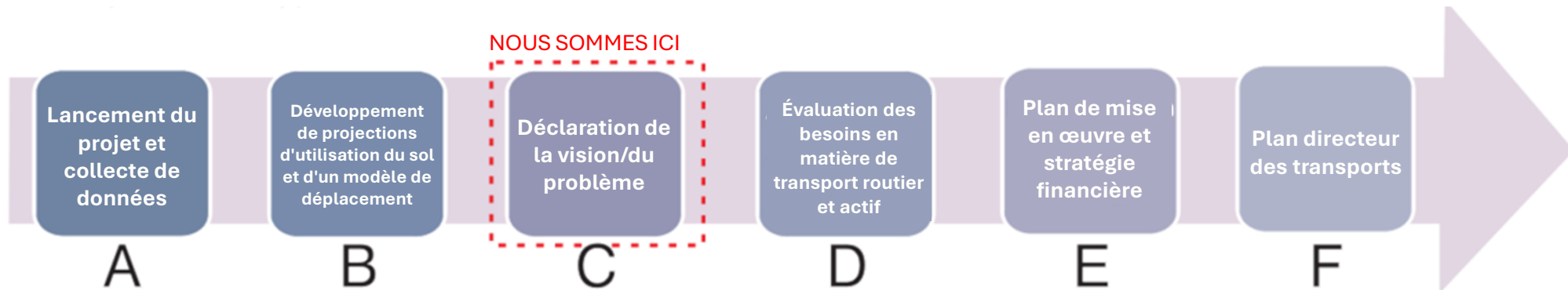
- This study is being carried out in accordance with the Municipal Class Environmental Assessment (EA) Process, which is an approved process under the Environmental Assessment Act.
- The study involves six key phases, as illustrated below.



- The study is being guided by a Stakeholder Committee comprised of Township of Russell and UCPR staff from a number of key departments. The study is also being guided by an Advisory Committee comprised of Township of Russell, UCPR, and members of the general public.

Processus MCEA

- Cette étude est réalisée conformément à la procédure d'évaluation environnementale (EE) municipale de portée générale, qui est une procédure approuvée en vertu de la loi sur l'évaluation environnementale (Environmental Assessment Act).
- L'étude comporte six phases clés, comme illustré ci-dessous.



- L'étude est guidée par un comité de parties prenantes composé de membres du personnel de la Canton de Russell et de l'UCPR provenant d'un certain nombre de départements clés. L'étude est également guidée par un comité consultatif composé de représentants de la Canton de Russell, de l'UCPR et de membres du grand public.

Purpose of Public Information Session #1

The purpose of this meeting is to introduce the project and receive feedback on the:

- ❖ Vision for the Transportation Master Plan
- ❖ Existing and Future Conditions within the Study Area
- ❖ Problems and Opportunities to be addressed

Objet de la première session d'information publique

L'objectif de cette réunion est de présenter le projet et de recevoir des commentaires sur le projet :

- ❖ Vision du plan directeur des transports
- ❖ Conditions actuelles et futures dans la zone d'étude
- ❖ Problèmes et opportunités à traiter

Vision

- Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township without compromising environmental sustainability.
- Développer un réseau de transport sécuritaire et accessible qui assure la connectivité de tous les modes de transport, tout en soutenant le développement futur et la croissance économique dans le canton, sans compromettre la durabilité environnementale.



Share of Internal and External Trips

The following affects the propensity and share of internal (within Russell Township) and external (outside Russell Township) trips:

1. Change in Population to Employment Ratio within the Township.
2. Presence of Large Employment Generators on the outskirts of the Township.
 - Amazon (Opened in 2021; 1,500 jobs; 1,000,000 sq.ft.)
 - Calypso Water Park (Opened in 2010; 600 seasonal jobs, June to September)
3. Magnitude of any sustained shift towards remote working.
4. Attainment of a population base level that meets or exceeds minimum threshold by major retailers.

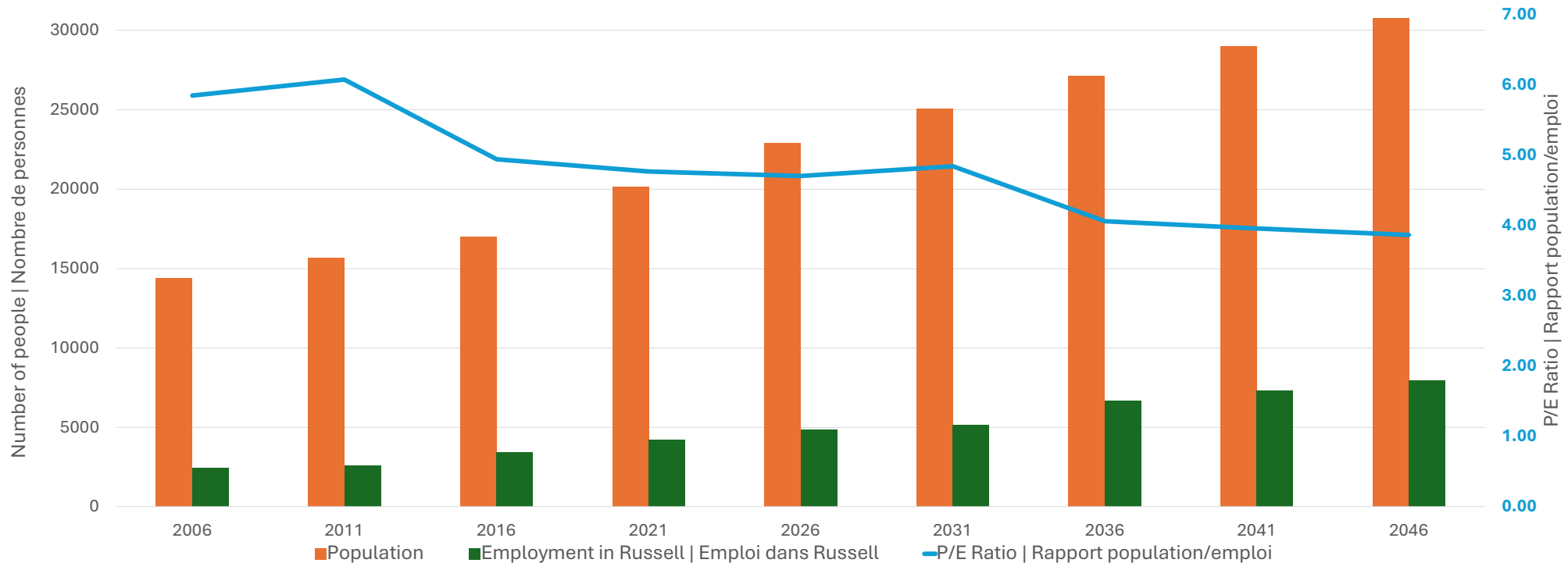
Part des voyages internes et externes

Les éléments suivants ont une incidence sur la propension et la part des déplacements internes (à l'intérieur de la Canton de Russell) et externes (à l'extérieur de la Canton de Russell) :

1. Changement du ratio population/emploi dans le canton.
2. Présence de grands générateurs d'emplois à la périphérie de la Canton.
 - Amazon (ouvert en 2021 ; 1 500 emplois ; 1 000 000 pi²)
 - Parc aquatique Calypso (ouvert en 2010 ; 600 emplois saisonniers, de juin à septembre)
3. L'ampleur d'une évolution durable vers le travail à distance.
4. Atteinte d'un niveau de population de base qui atteint ou dépasse le seuil minimum par les principaux détaillants.

Population & Employment Growth

Croissance de la population et de l'emploi



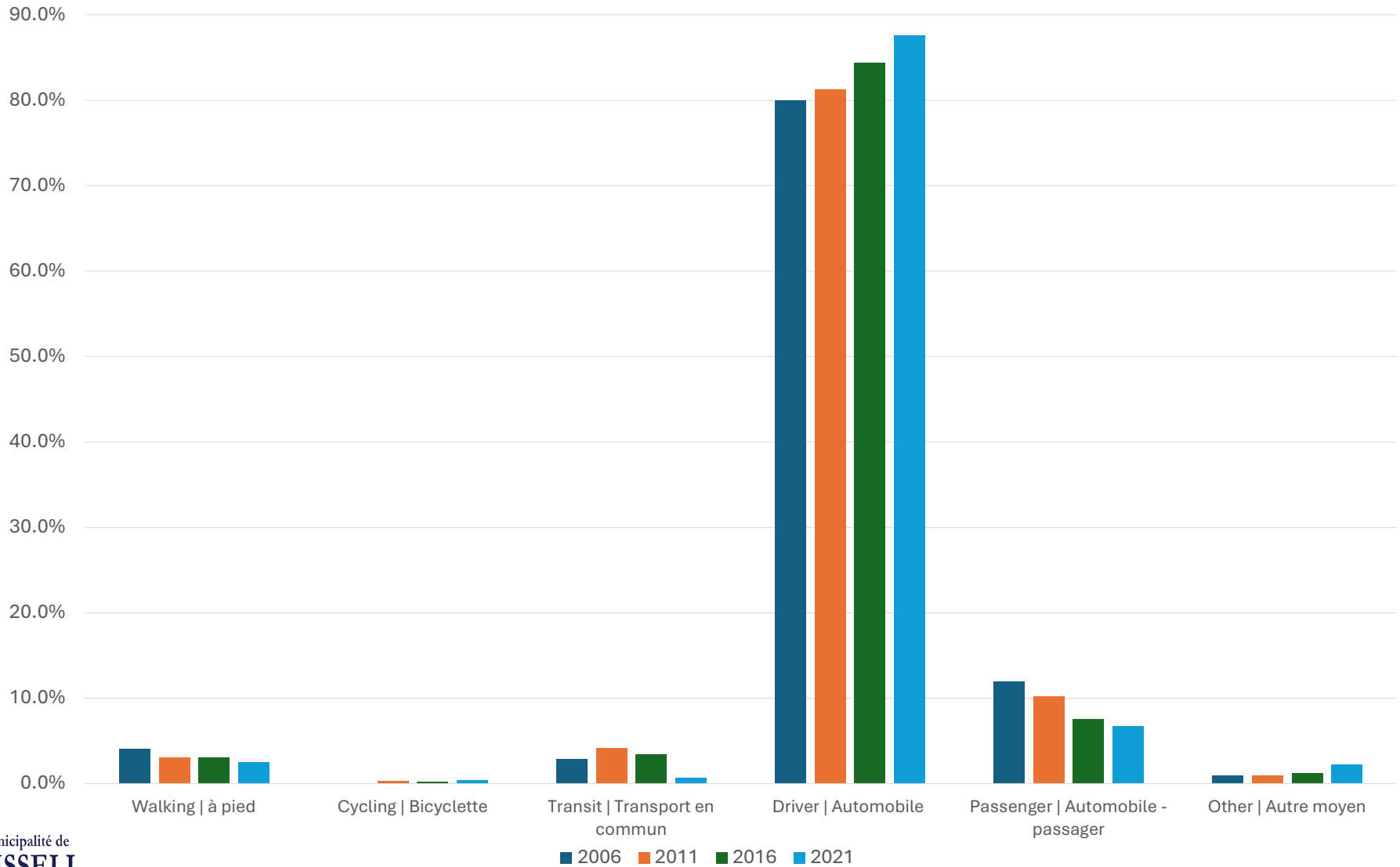
Source : 2022 Hemson Growth Management Strategy Update | mise à jour de la stratégie de gestion de la croissance de Hemson

- Lower population-to-employment (P/E) ratio results in higher share of internal trips.
- P/E ratio declined by an annual rate of 2.5% from 2011 to 2021, and is projected to decline by an annual rate of 0.6% from 2021 to 2046.

- Un ratio population/emploi (P/E) plus bas se traduit par une part plus importante de déplacements internes.
- Le ratio P/E a diminué de 2,5 % par an entre 2011 et 2021, et devrait diminuer de 0,6 % par an entre 2021 et 2046.

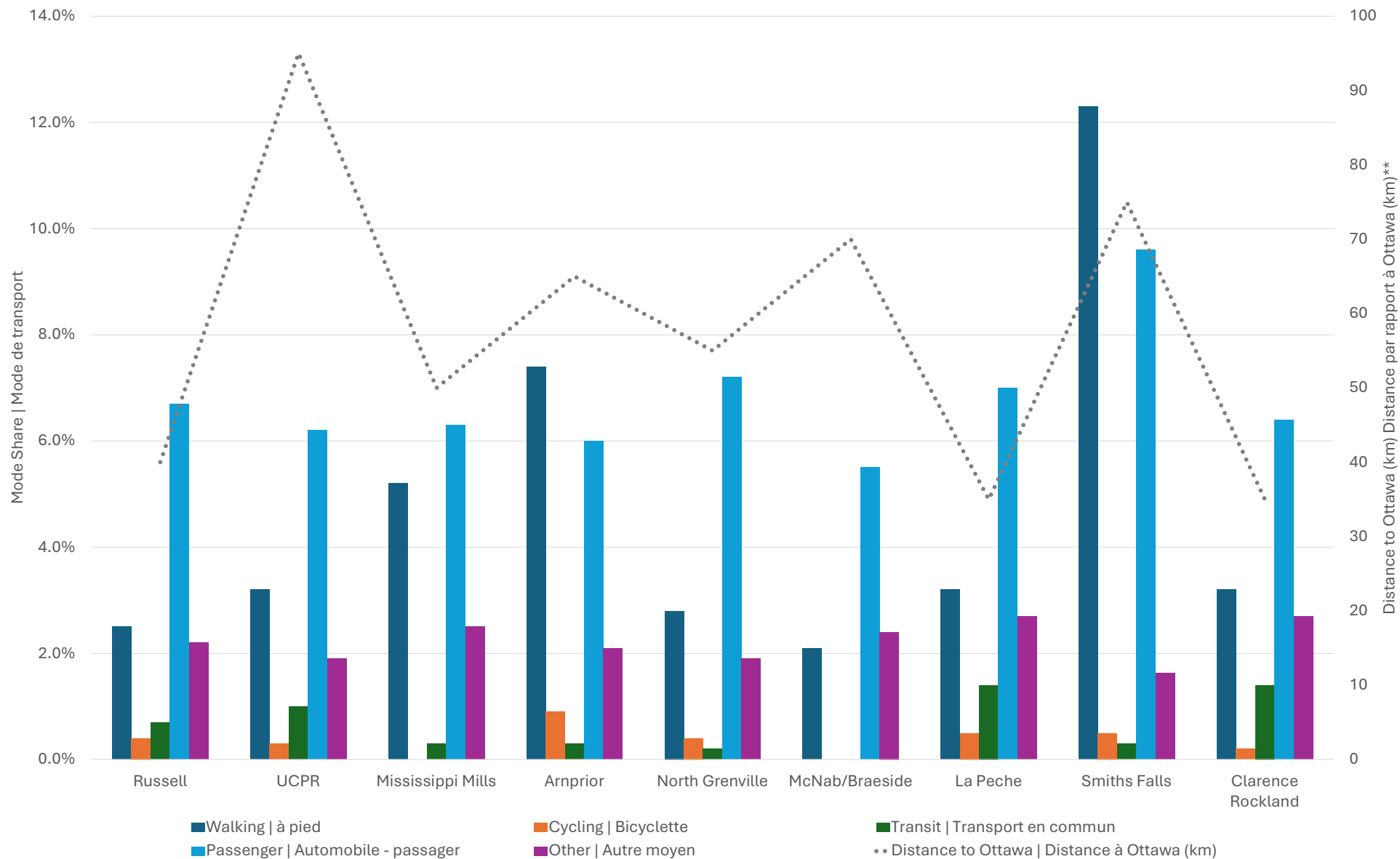
Mode Share – How People Get to Work

Mode de transport- Comment les gens se rendent au travail



Alternative Modes – National Capital Region

Modes alternatifs - Région de la capitale nationale



**Distance from largest population centre in community (e.g., Hawkesbury for UCPR) to downtown Ottawa | Distance entre le plus grand centre de population de la communauté (p. ex. Hawkesbury pour les CUPR) et le centre-ville d'Ottawa.

Transit Services

- Current service providers

- OC Transpo

- Vars Park & Ride to Blair LRT Station (Route 222).
 - Three routes per day (each direction), weekdays.
 - Monthly pass = \$130. Per ride = \$3.80.

- 417 Bus Lines

- Downtown Russell & Embrun to Ottawa.
 - Once per day (each direction), Tuesday - Thursday.
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- Park & Ride Lot (OC Transpo)

- Vars Park & Ride – 200 spots
 - February 2024 usage – 19% (38 spots)

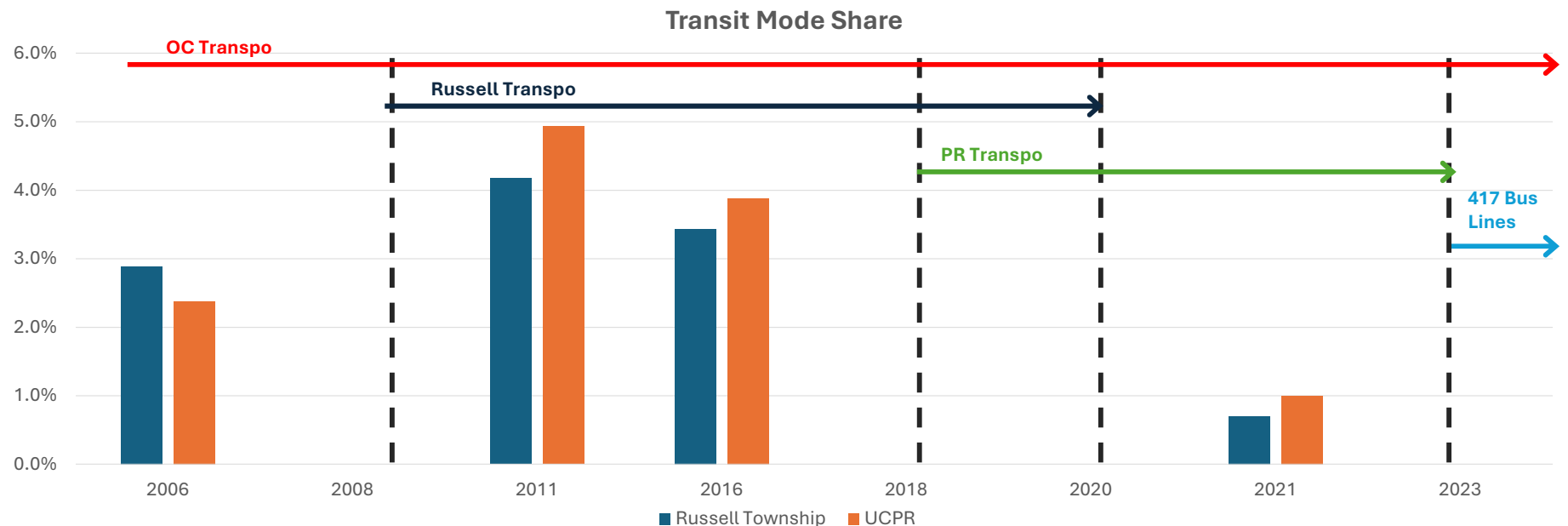
- Past service providers

- Russell Transpo

- Downtown Russell & Embrun to Ottawa.
 - Three routes per day (each direction), weekdays.
 - Monthly pass = \$245. 10 one-way rides = \$102. Per ride = \$15.

- PR Transpo

- Within UCPR on demand service.
 - 50% of trips originating in Russell Township remained in Russell Township.
 - 10 one-way rides = \$45. Per ride = \$5.



Services de transport en commun

• Fournisseurs de services actuels

• OC Transpo

- Du parc relais de Vars à la station de TLR Blair (ligne 222).
- Trois trajets par jour (dans chaque direction), en semaine.
- Abonnement mensuel = 130 \$. Par trajet = 3,80 \$

• Lignes d'autobus 417

- Du centre-ville de Russell et d'Embrun à Ottawa
- Une fois par jour (dans chaque direction), du mardi au jeudi.
- Abonnement mensuel = 300 \$. 10 allers simples = 225 \$.

• Parcs de stationnement incitatif

- Parc Relais de Vars - 200 places
- Utilisation en février 2024 - 19% (38 places)

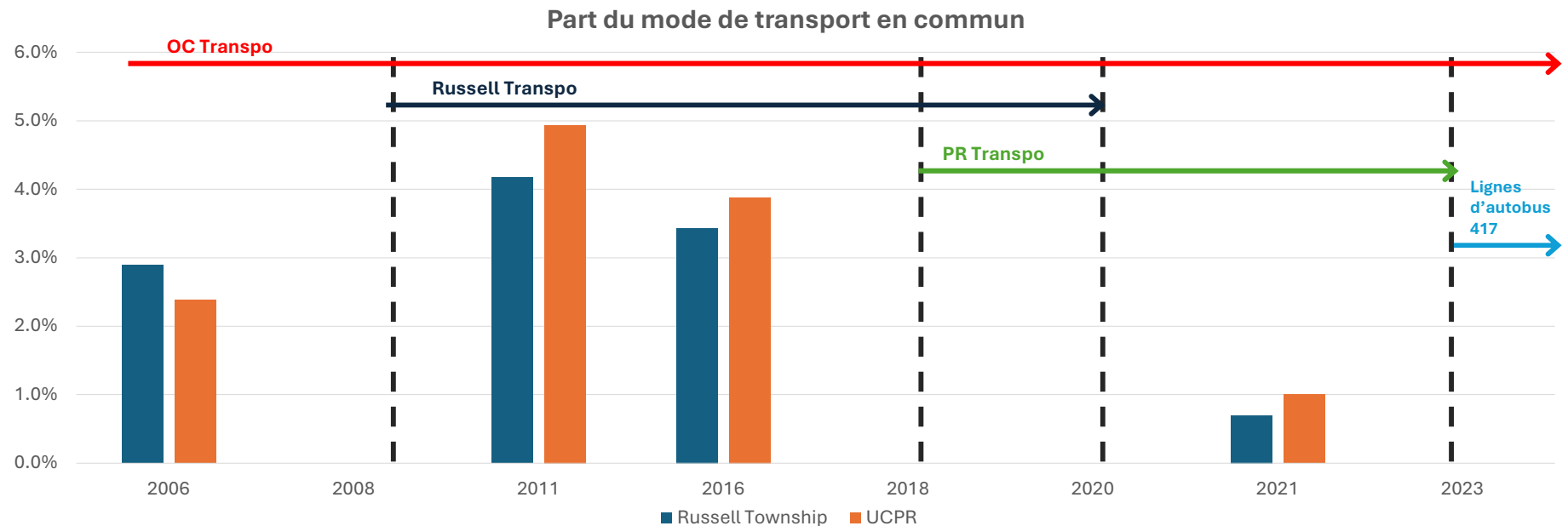
• Anciens fournisseurs de services

○ Russell Transpo

- Du centre-ville de Russell et d'Embrun à Ottawa.
- Quatre trajets par jour (dans chaque direction), en semaine.
- Abonnement mensuel = 130 \$. 10 allers simples = 225 \$. Par trajet = 3,80 \$

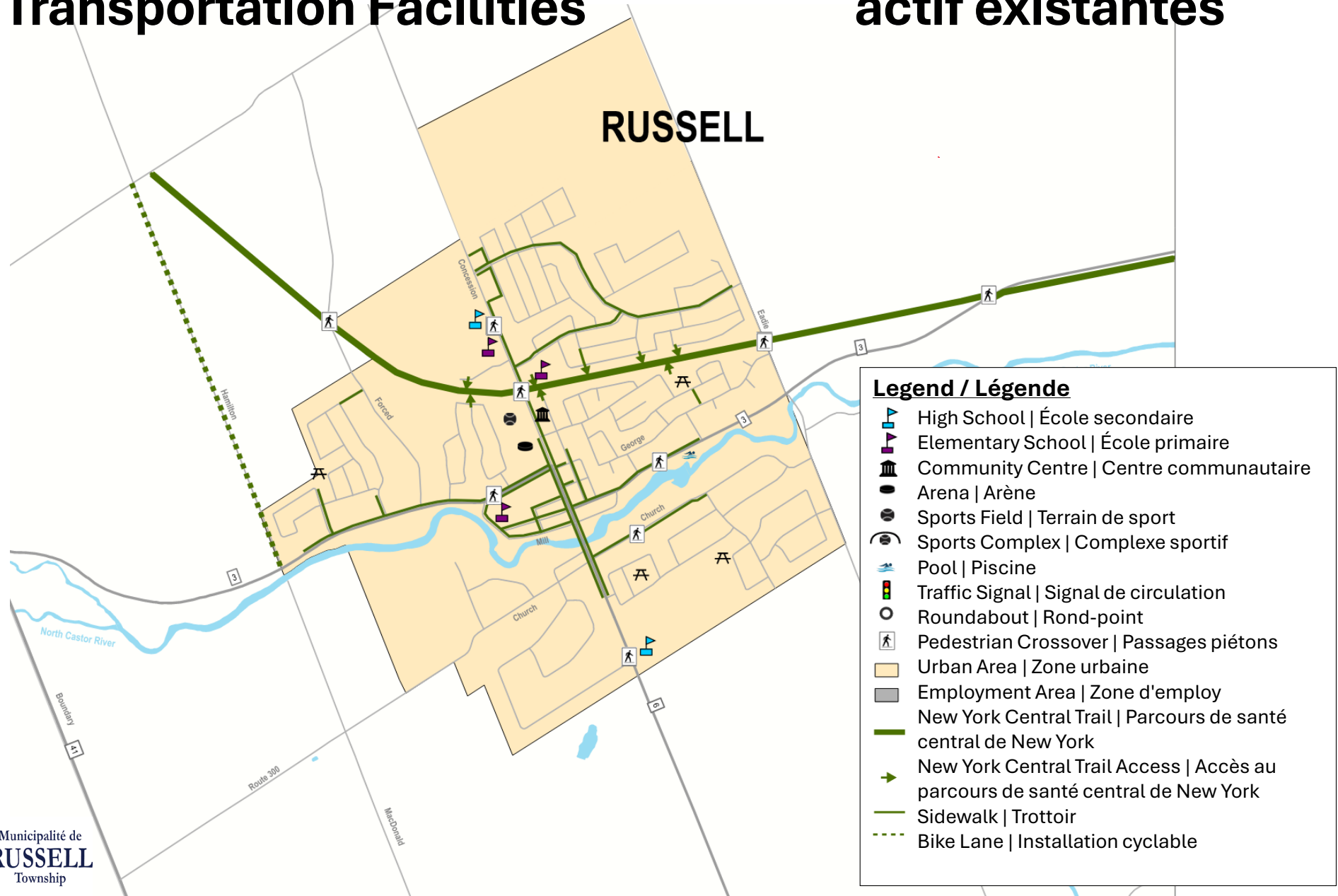
○ PR Transpo

- Dans le cadre du service à la demande de l'UCPR.
- 50% des trajets en provenance de la Canton de Russell sont restés dans la Canton de Russell.
- 10 allers simples = 45 \$. Par trajet = 5 \$.



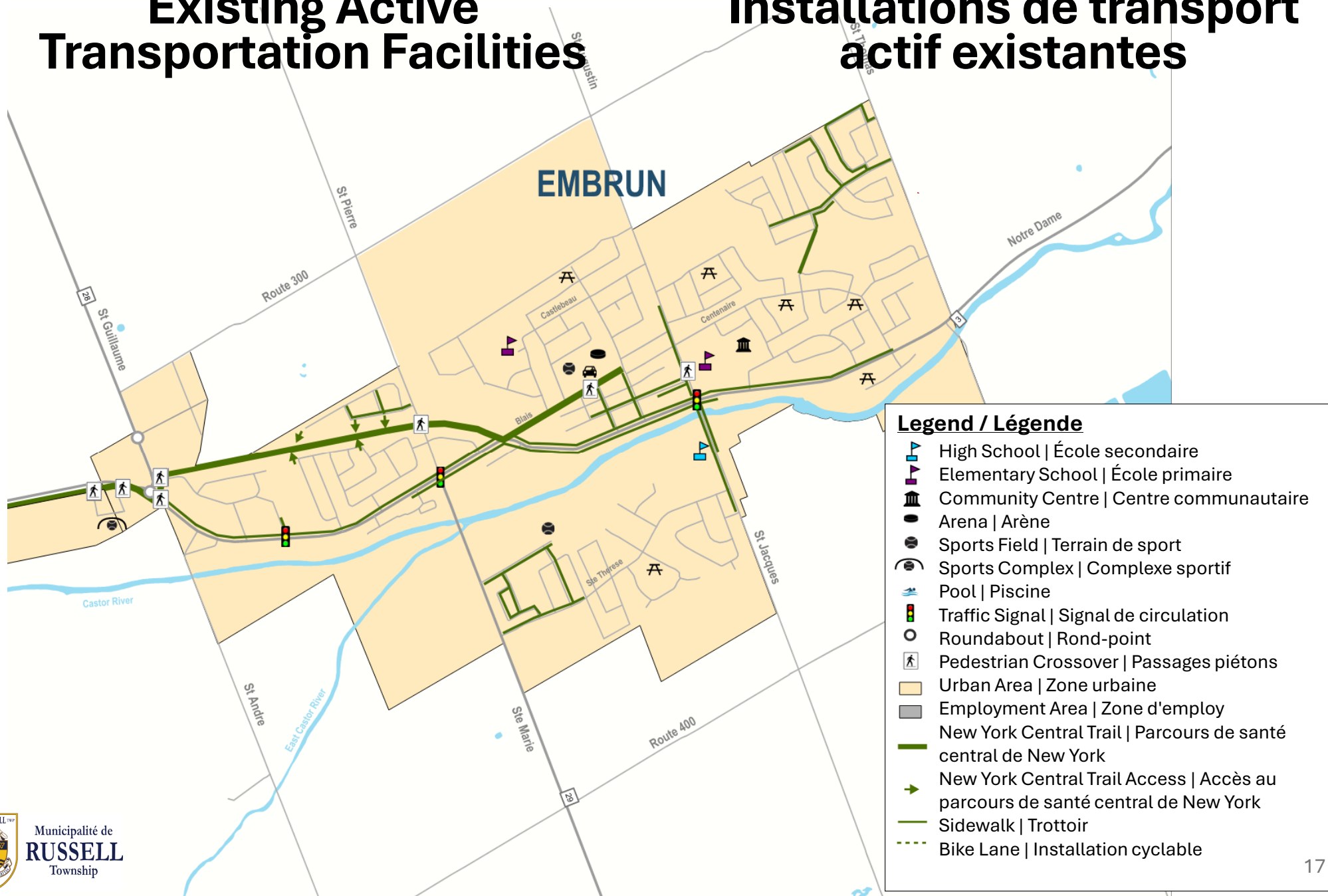
Existing Active Transportation Facilities

Installations de transport actif existantes



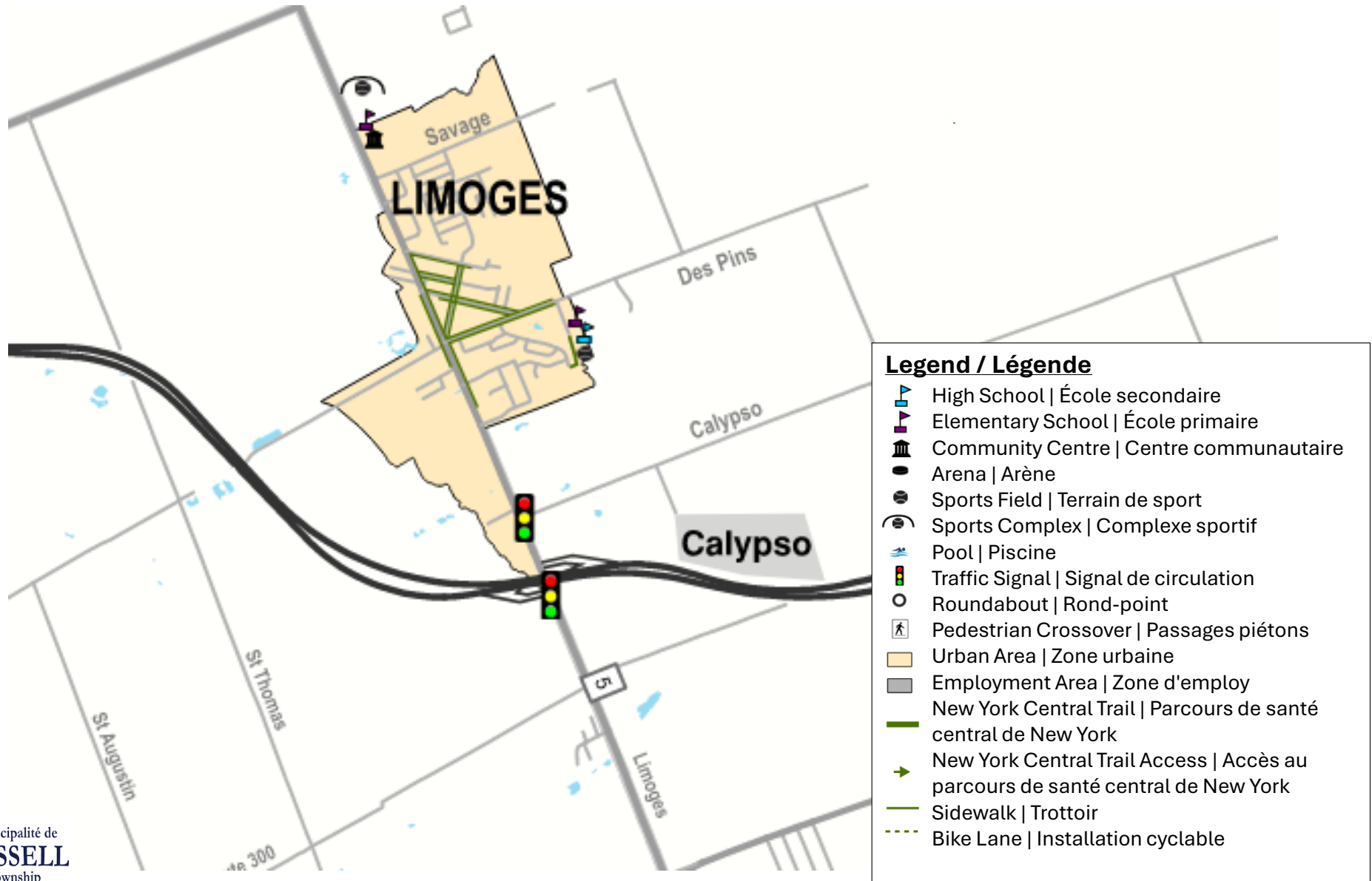
Existing Active Transportation Facilities

Installations de transport actif existantes



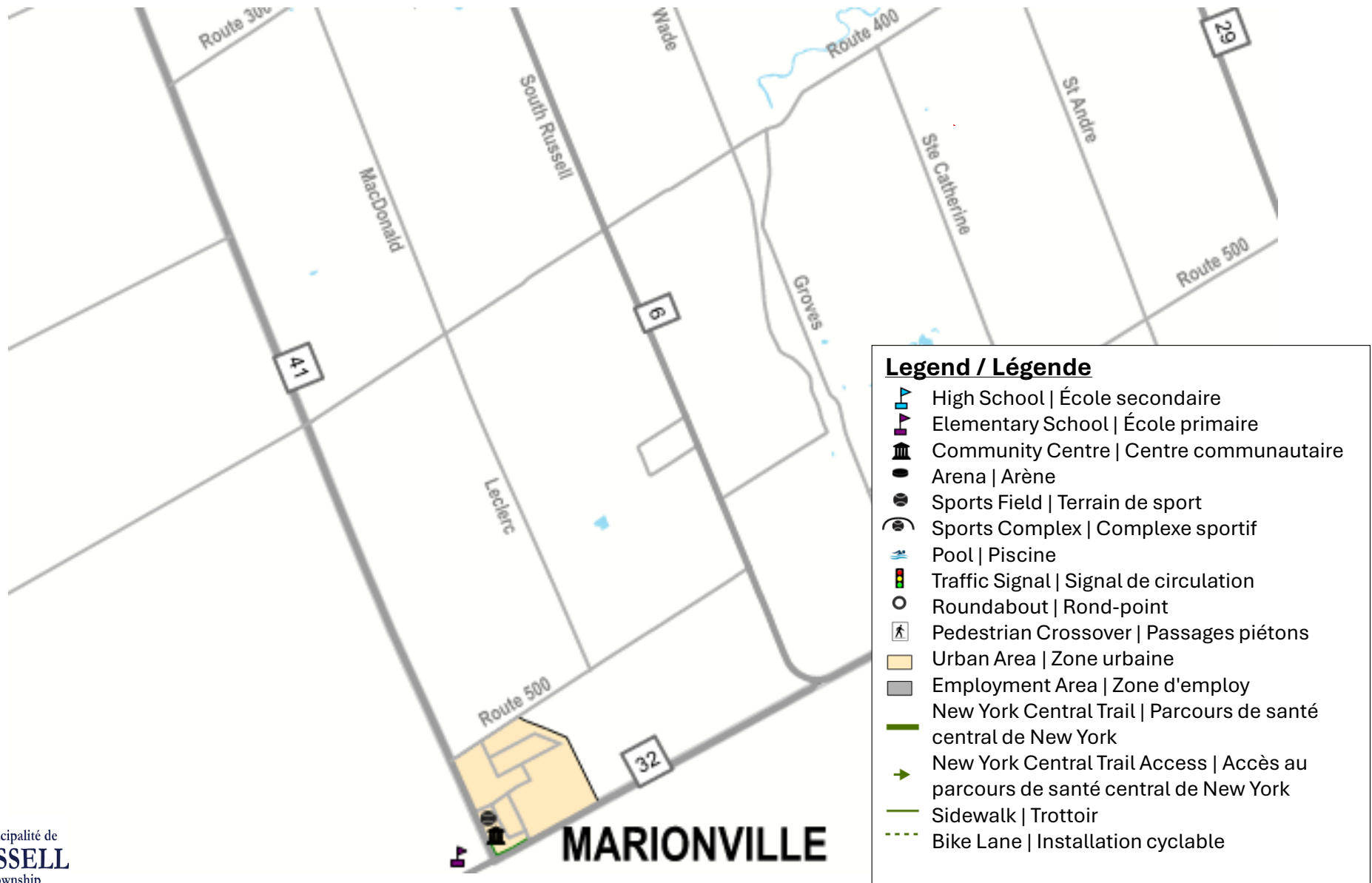
Existing Active Transportation Facilities

Installations de transport actif existantes

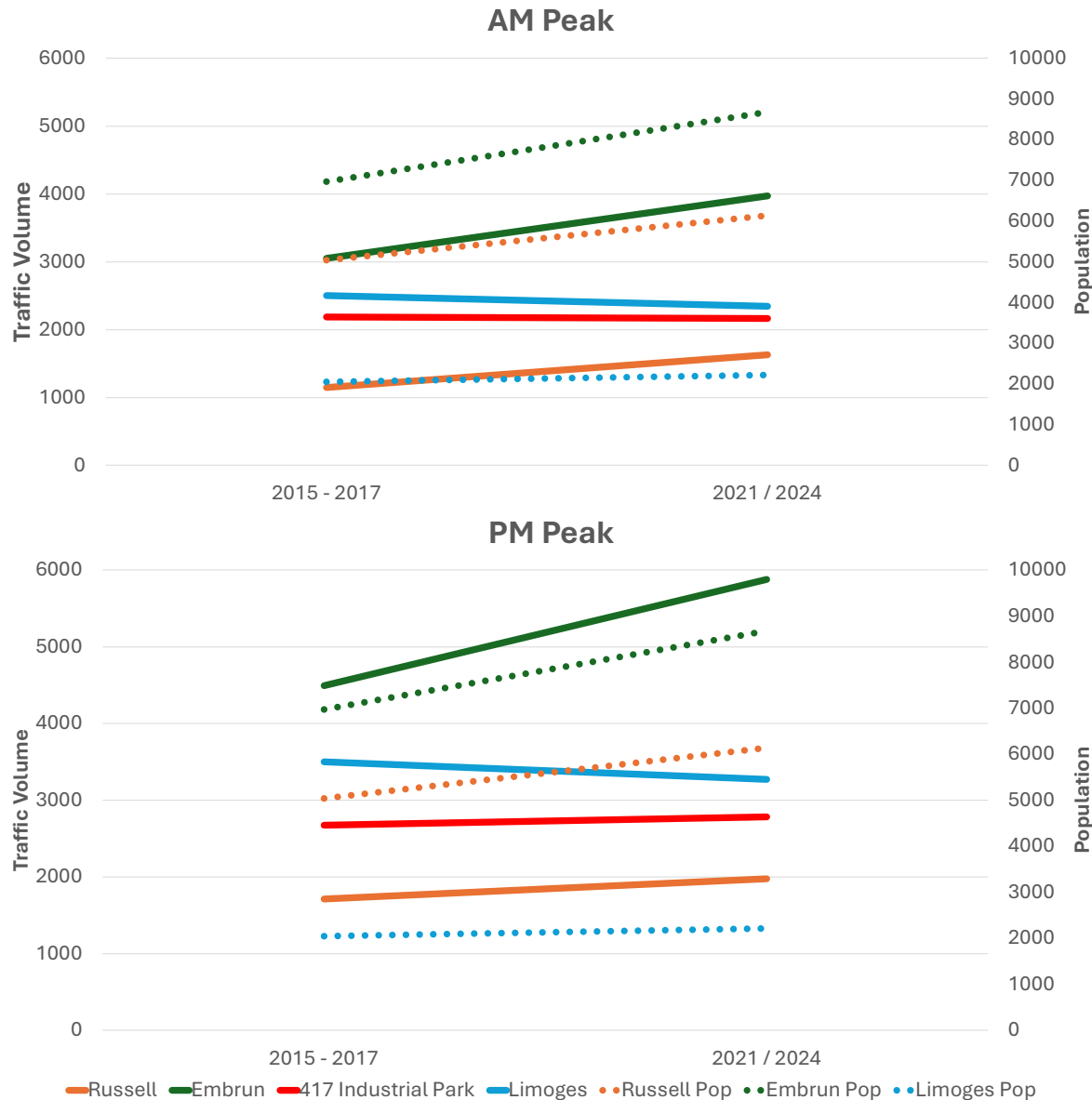


Existing Active Transportation Facilities

Installations de transport actif existantes



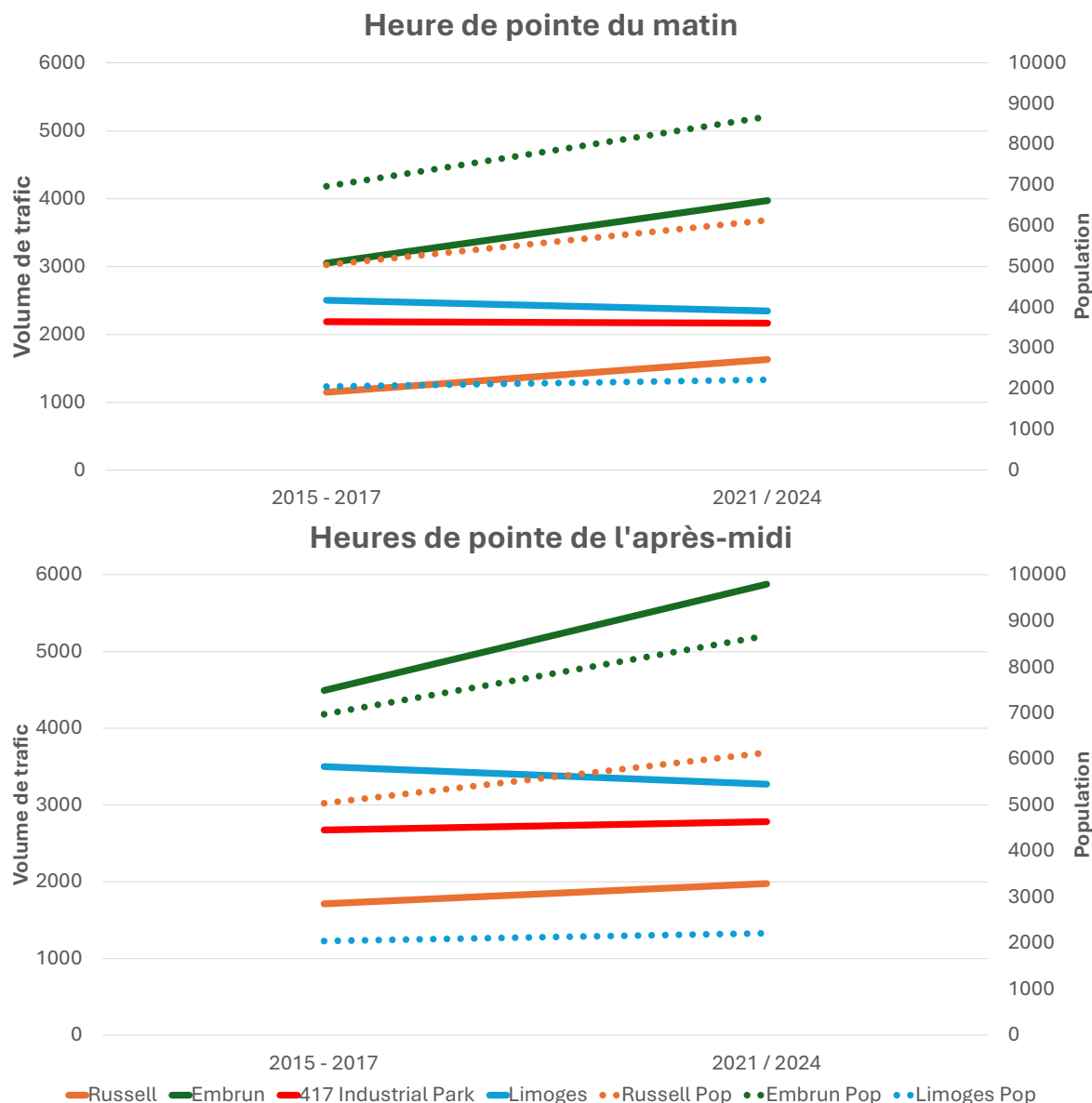
Traffic Volume Trends



- Notable increase in traffic in Embrun. Slight increase in traffic in Russell.
- Traffic growth has generally mirrored population growth.
- Negligible change in traffic around 417 Industrial Park. Growth in traffic offset by increased remote work, reducing trips to Ottawa

Note: Most recent counts for Limoges are from 2021, and therefore may have been impacted by the COVID-19 pandemic.

Tendances du volume de trafic

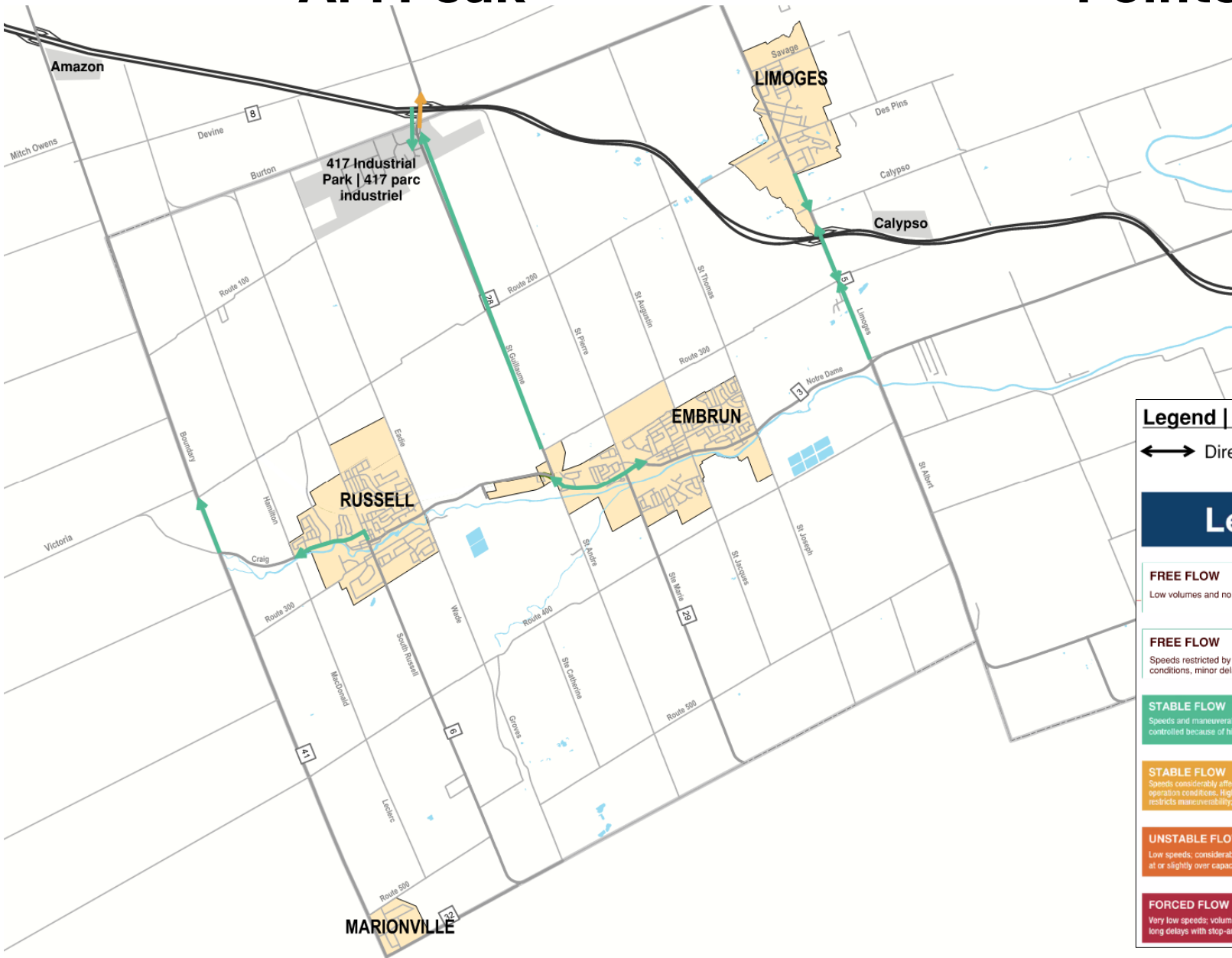


- Augmentation notable du trafic à Embrun. Légère augmentation du trafic à Russell.
- La croissance du trafic a généralement suivi celle de la population.
- Variation négligeable du trafic autour du parc industriel 417.
- Augmentation du trafic compensée par l'augmentation du travail à distance, réduisant les déplacements vers Ottawa.

Note : Les chiffres les plus récents pour Limoges datent de 2021 et peuvent donc avoir été affectés par la pandémie de COVID-19.

Existing Traffic Operations – AM Peak

Gestion du trafic actuel - Pointe AM



Legend | Légende

↔ Direction of Travel | Sens de circulation

Levels of Service

FREE FLOW Low volumes and no delays.	LOS A	
FREE FLOW Speeds restricted by travel conditions, minor delays.	LOS B	
STABLE FLOW Speeds and maneuverability closely controlled because of higher volumes.	LOS C	
STABLE FLOW Speeds considerably affected by change in operation conditions; high density traffic restricts maneuverability; volume near capacity.	LOS D	
UNSTABLE FLOW Low speeds, considerable delay; volume at or slightly over capacity.	LOS E	
FORCED FLOW Very low speeds; volumes exceed capacity; long delays with stop-and-go traffic.	LOS F	

Existing Traffic Operations – PM Peak

Gestion du trafic actuel - Pointe PM



Legend | Légende

↔ Direction of Travel | Sens de circulation

Levels of Service

FREE FLOW

Low volumes and no delays.

LOS
A



FREE FLOW

Speeds restricted by travel conditions, minor delays.

LOS
B



STABLE FLOW

Speeds and maneuverability closely controlled because of higher volumes.

LOS
C



STABLE FLOW

Speeds considerably affected by change in operation conditions, high density traffic, restricts maneuverability, volume near capacity.

LOS
D



UNSTABLE FLOW

Low speeds, considerable delay, volume at or slightly over capacity.

LOS
E



FORCED FLOW

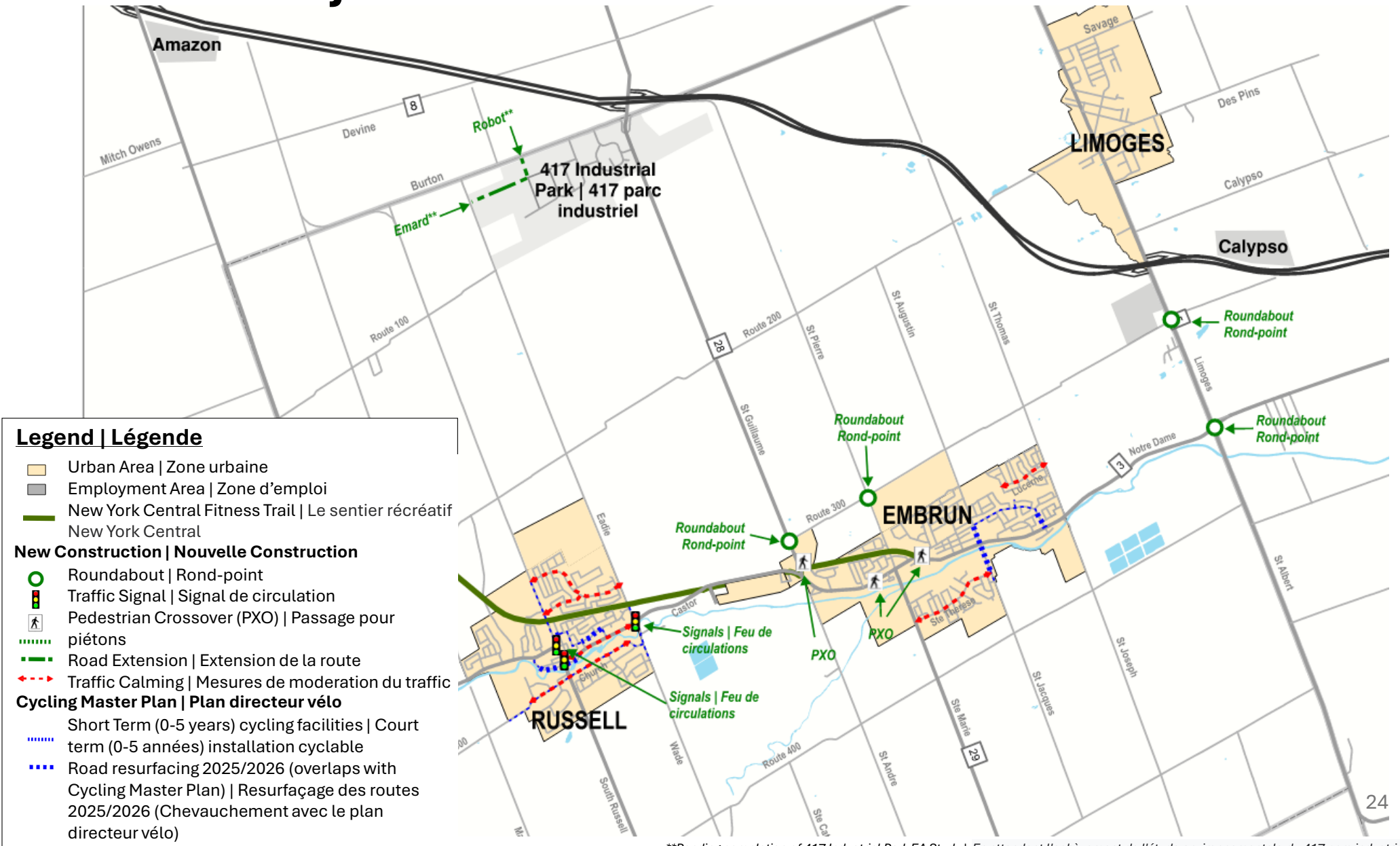
Very low speeds, volumes exceed capacity, long delays with stop-and-go traffic.

LOS
F



Committed & Projected Projects

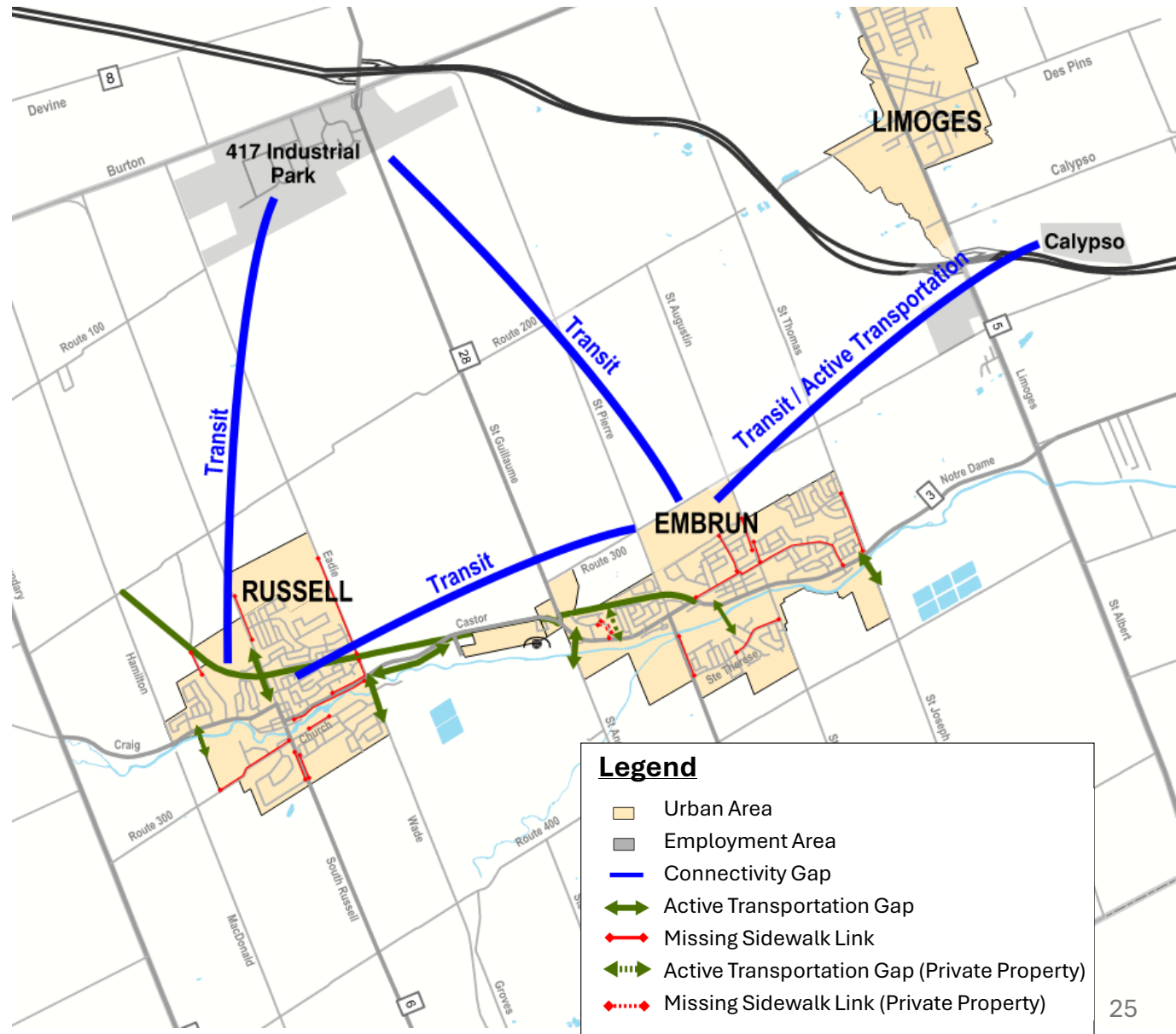
Projets engagés



**Pending completion of 417 Industrial Park EA Study | En attendant l'achèvement de l'étude environnementale du 417 parc industriel

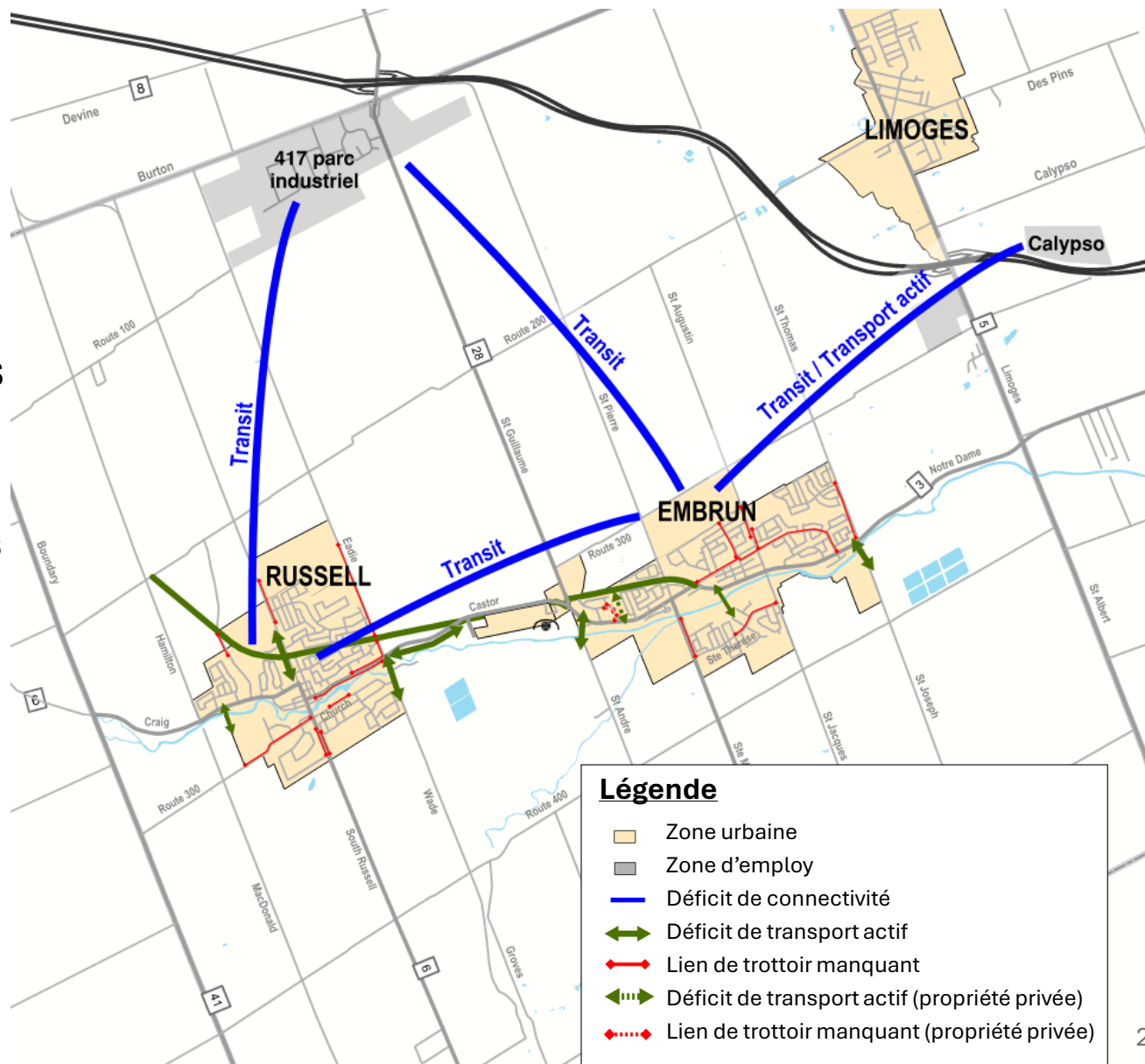
What We've Seen & Heard

- This image shows what we've observed so far, but we want to hear from you!
- Please submit a comment sheet or mark up one of the maps on the tables.
 - Include observations regarding existing conditions, deficiencies, or opportunities.



Ce que nous avons vu et entendu

- Cette image montre ce que nous avons observé, mais nous voulons avoir votre avis!
- Veuillez soumettre une feuille de commentaires ou marquer l'une des cartes sur les tables.
 - Incluez des observations supplémentaires concernant les conditions existantes, les déficiences ou les opportunités telles que vous les voyez.



Problem Statement

The proposed Problem Statement summarizes issues and opportunities identified by the study team; for each issue identified, alternative solutions will be evaluated in the next phase of work.

Due to recent and projected population and employment growth, the level of service on the road network is expected to decline, resulting in reduced mobility with higher delays with the villages and around the 417 Industrial Park.

Transit and active forms of transportation currently comprise only 4% of the journey to work travel market, which falls short of the potential for these modes and must be improved.

The equity of the transportation system needs to be improved by providing a well-connected multi-modal network that is accessible to all residents regardless of age, income, or physical ability.

The Township has an important number of physical barriers (such as the Castor River and Highway 417) that impede travel, particularly with respect to active modes.



Énoncé du problème

L'énoncé de problème proposé résume des enjeux et des possibilités identifiées par l'équipe chargée de l'étude ; pour chaque enjeu identifié, des solutions de rechange seront évaluées au cours de la prochaine phase de travail.

En raison de la croissance récente et prévue de la population et de l'emploi, le niveau de service du réseau routier devrait diminuer, ce qui se traduira par une mobilité réduite et des retards plus importants dans ces zones.

Les transports en commun et les formes actives de transport ne représentent actuellement que 4 % du marché des déplacements domicile-travail, ce qui est en dessous du potentiel de ces modes et doit être amélioré.

L'équité du système de transport doit également être améliorée en fournissant un réseau multimodal bien connecté et accessible à tous les résidents, indépendamment de leur âge, de leur revenu ou de leur capacité physique.

La Canton de Russell compte un important nombre d'obstacles physiques (comme la rivière Castor et l'autoroute 417) qui entravent les déplacements, particulièrement en ce qui concerne les modes actifs.



Next Steps and How to Stay Informed

Following this meeting, we will:

- Analyze and incorporate feedback received from stakeholders and members of the public.
- Conduct an in-depth analysis of alternatives for the future transportation system.
- Develop recommendations.
- Prepare implementation strategy.
- Hold a second Public Information Session

Share Your Thoughts!

Visit the Township's website for updates on this project, or contact either of the Project Team members listed below:

François Landry

Project Manager
Township of Russell

Email: francoislandry@russell.ca

Colin MacKenzie, P.Eng.

Deputy Project Manager
Morrison Hershfield

Email: cmackenzie@morrisonhershfield.com

We appreciate receiving your comments on the content presented today by July 19, 2024.

If you require any assistance regarding the accessibility of these materials, please let us know by emailing the address above. We would be happy to assist you.



Municipalité de
RUSSELL
Township

Prochaines étapes et comment rester informé

A la suite de cette réunion, nous allons :

- Analyser et intégrer les réactions des parties prenantes et du public.
- Effectuer une analyse approfondie des solutions possibles pour le futur système de transport.
- Élaborer des recommandations.
- Préparer une stratégie de mise en œuvre.
- Organiser une deuxième séance d'information publique

Faites part de vos réflexions !

Visitez le site web de la Canton pour obtenir des mises à jour sur ce projet, ou contactez l'un des membres de l'équipe de projet dont la liste figure ci-dessous :

François Landry

Gestionnaire de projet

Canton de Russell

Email: francoislandry@russell.ca

Colin MacKenzie, P.Eng.

Gestionnaire de projet adjoint

Morrison Hershfield

Email: cmackenzie@morrisonhershfield.com

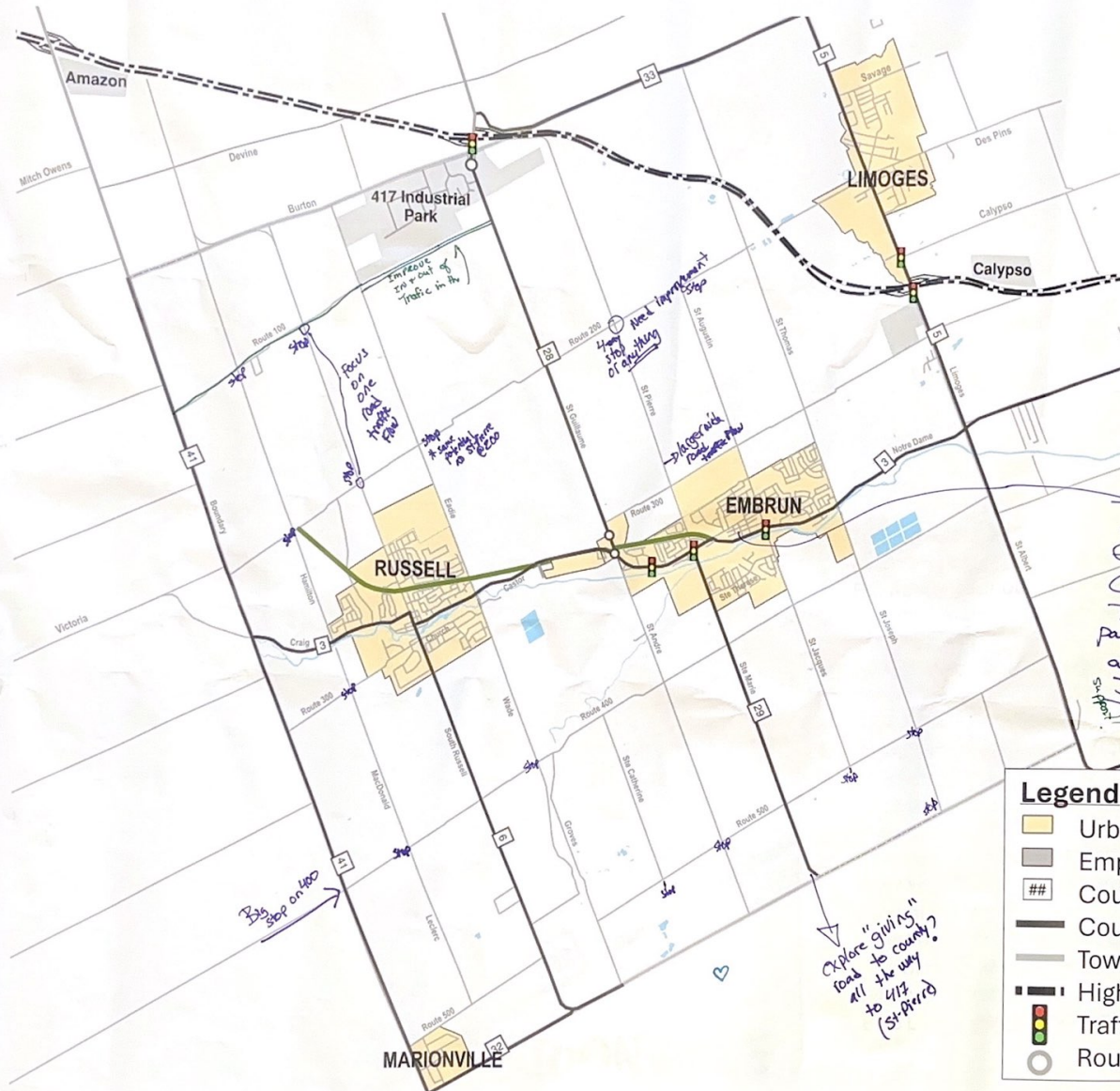
Nous vous remercions de nous faire part de vos commentaires sur le contenu présenté aujourd'hui d'ici le 19 juillet 2024.

Si vous avez besoin d'aide concernant l'accessibilité de ces documents, veuillez-nous le faire savoir en envoyant un courriel à l'adresse ci-dessus. Nous nous ferons un plaisir de vous aider.



Municipalité de
RUSSELL
Township





Legend

- Urban Area
- Employment Area
- County Road Number
- County Road
- Township Road
- Highway 417
- Traffic Signal
- Roundabout

Test

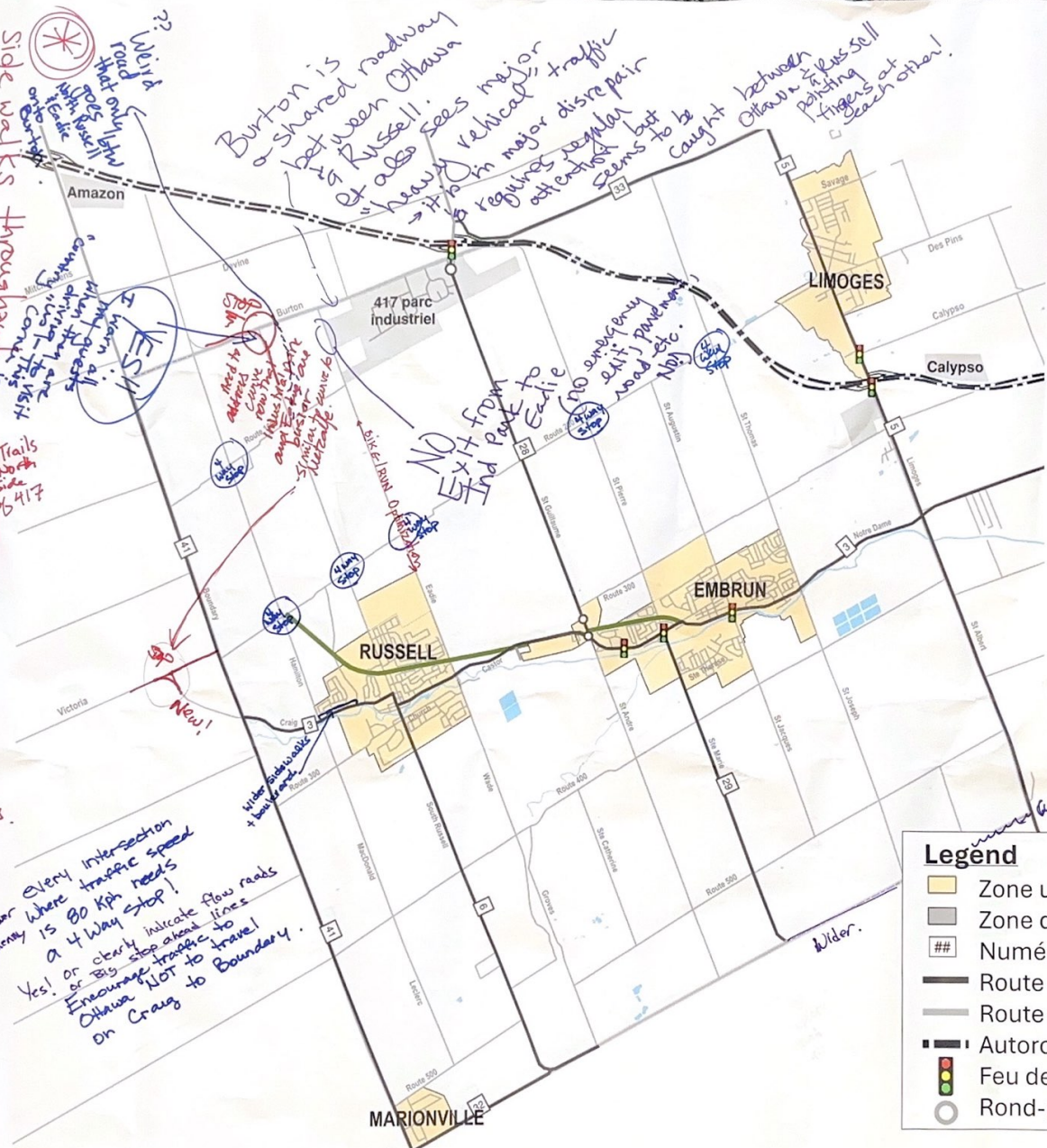
Side walks throughout township need to be accessible / maintained to be accessible (Strollers wheelchairs users / Walker users etc!)

Radie would be a great bike/run route, connecting to Trails & Villages but currently speed is an issue & the shoulders are gravel and sloped - making the shoulders less than ideal for these activities.

Every intersection North town is 80 Kph needs a 4 way stop! Yes! or clearly indicate flow ranks Encourage traffic to travel Ottawa NOT to travel on Craig to Boundary.

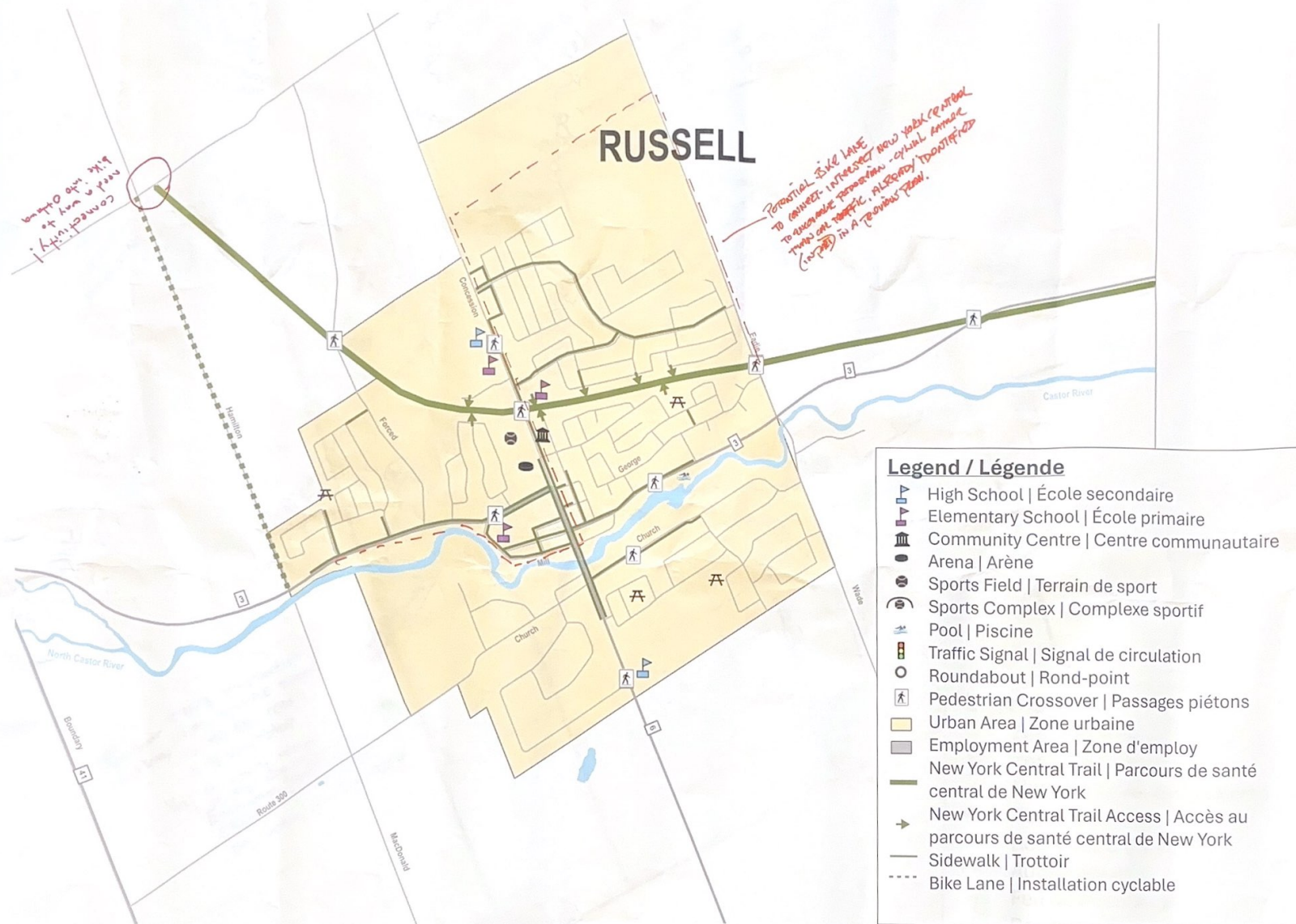
Burton is a shared roadway between Ottawa & Russell. It also sees major heavy vehicular traffic in major disrepair requires regular attention but seems to be caught between Ottawa & Russell pointing fingers at each other!

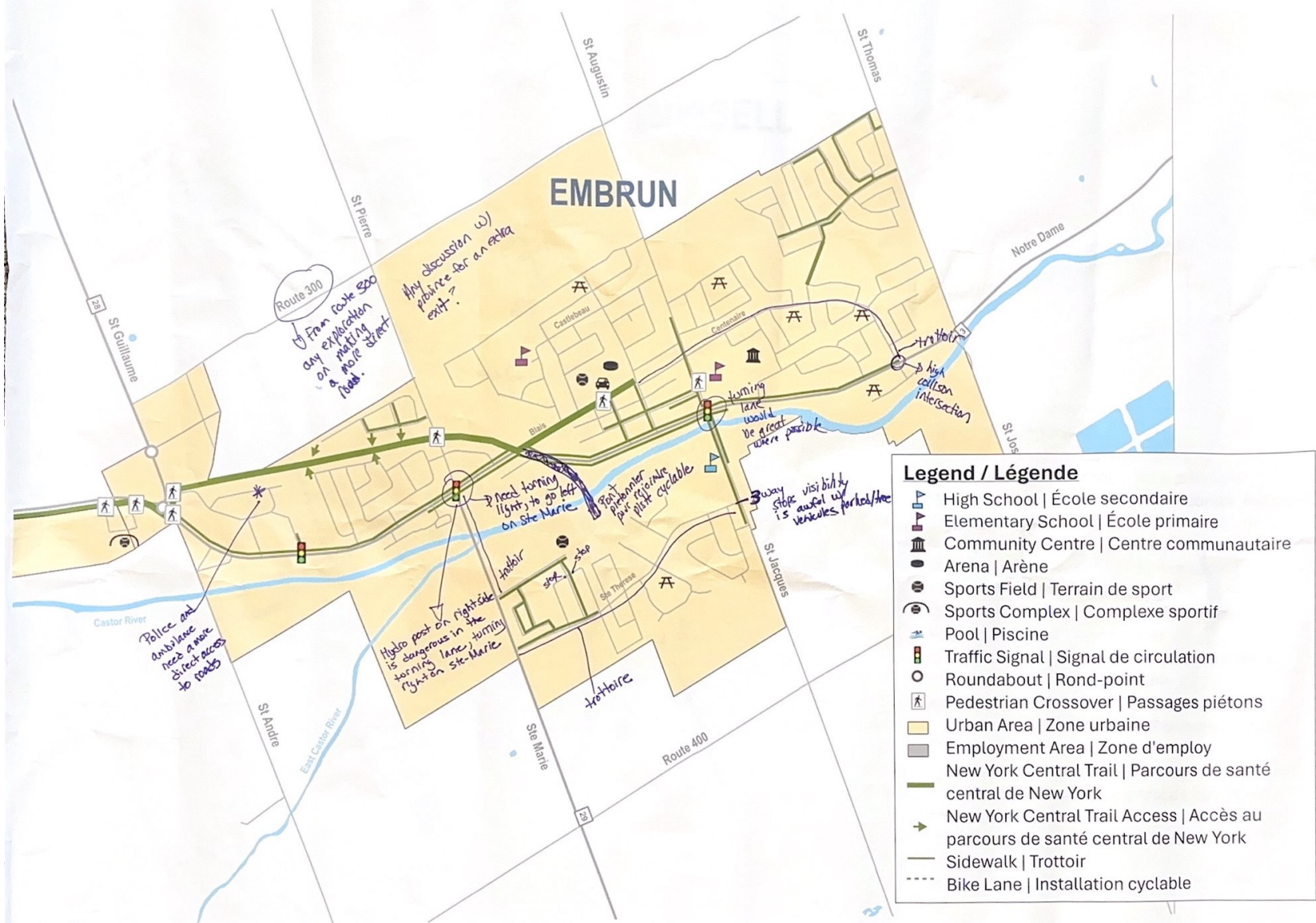
NO Exit from Ind park to Earle no emergency exit, paved road etc.



Legend

- Zone urbaine
- Zone d'emploi
- ## Numéro de route du comté
- Route de comté
- Route de la Canton
- Autoroute 417
- Feu de circulation
- Rond-point





Name / Nom	Community / Communauté (e.g., Russell, Limoges, etc.)	Phone Number / Numéro de téléphone	Email / Courriel
	Russell		
	Russell		
	Rossell		
	Embrun		
	Russell		
	Embrun		
	Embrun		
	Embrun		
	Embrun		

P

pm.

Name / Nom	Community / Communauté (e.g., Russell, Limoges, etc.)	Phone Number / Numéro de téléphone	Email / Courriel
	Russell		

Name / Nom	Community / Communauté (e.g., Russell, Limoges, etc.)	Phone Number / Numéro de téléphone	Email / Courriel
	Russell		
1	RUSSELL		1
	Russell		

Russell Township Transportation Master Plan Update, Public Information Session

Wednesday, June 19, 2024

COMMENT SHEET

Your comments are appreciated. All comments will be maintained on file for use during the study and may be included in study documentation. With the exception of personal information, all comments will become part of the public record. Thank you for your participation.

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Please print all responses

Name:

.

Email:

.

Please tell us about yourself:

☒ I am a resident of Russell Township

☐ I attend school in Russell Township

☐ Other (please specify):

☐ I am a business owner in Russell Township

☐ I work in Russell Township

1) Which mode of transportation do you currently use most frequently for your work/school trips? Which would you like to use more often? Would you support investment in these modes to improve their attractiveness?

My most frequent mode of transportation to work/school is:

☐ Walking

☐ Cycling

☐ Transit

☐ Private Vehicle

☐ Carpool

☐ Scooter/wheelchair

☒ Other at work

I would like to use these modes more often:

☐ Walking

☐ Cycling

☐ Transit

☐ Private Vehicle

☒ Carpool

☐ Scooter/wheelchair

☐ Other _____

I would support investing in the following:

☒ Sidewalks & accessibility features

☒ Trails

☐ On-street cycling facilities

☐ Transit service

☒ Roads

☐ Other _____

2) Do you support the vision and problem statement as presented at this open house?

☐ Agree

☐ Disagree

☒ Generally agree, but would like to add/remove the following elements:

Let's think outside the box!

3) Please rank the following cycling issues from 1 (most critical) to 8 (least critical).

<u>3</u>	Access to village centres	<u>1</u>	Crossings – Castor River
<u>2</u>	Access to New York Central Fitness Trail	<u>4</u>	Crossings – Highway 417
<u>7</u>	Access to rural destinations/communities	<u>5</u>	Crossings – Moira River
<u>8</u>	Dedicated on-road cycling facilities i.e. bike lanes	<u>6</u>	Intersection treatments and road crossings

4) With regards to the existing cycling network– Are there any gaps in the cycling network that should be addressed? What are your priorities for improvements?

Bridge mid village to link to bike trail.

Russell Township Transportation Master Plan Update, Public Information Session

Wednesday, June 19, 2024

COMMENT SHEET

5) Please include any additional comments on the study below:

Comments added to big sheet!

Thank you!

Please drop this comment sheet in the box provided, or send it by Friday, July 19, 2024 to:
François Landry
Municipalité de Russell Township, Project Manager
717 Notre-Dame Street
Embrun, Ontario K0A 1W1
E-mail: infrastructure@Russell.ca

Name: _____

Address: _____

Postal Code: _____

Telephone: _____ E-mail: _____

Russell Township Transportation Master Plan Update, Public Information Session

Wednesday, June 19, 2024

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Name:

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Email:

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Please tell us about yourself:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> I am a resident of Russell Township | <input type="checkbox"/> I attend school in Russell Township | <input type="checkbox"/> Other (please specify): |
| <input type="checkbox"/> I am a business owner in Russell Township | <input type="checkbox"/> I work in Russell Township | |

1) Which **mode of transportation** do you currently use **most frequently** for your work/school trips? Which would you like to use more often? Would you support investment in these modes to improve their attractiveness?

My most frequent mode of transportation to work/school is: <input type="checkbox"/> Walking <input type="checkbox"/> Cycling <input type="checkbox"/> Transit <input checked="" type="checkbox"/> Private Vehicle <input type="checkbox"/> Carpool <input type="checkbox"/> Scooter/wheelchair <input type="checkbox"/> Other _____	I would like to use these modes more often: <input checked="" type="checkbox"/> Walking <input checked="" type="checkbox"/> Cycling <input type="checkbox"/> Transit <input type="checkbox"/> Private Vehicle <input type="checkbox"/> Carpool <input type="checkbox"/> Scooter/wheelchair <input type="checkbox"/> Other _____	I would support investing in the following: <input checked="" type="checkbox"/> Sidewalks & accessibility features <input checked="" type="checkbox"/> Trails <input checked="" type="checkbox"/> On-street cycling facilities <input type="checkbox"/> Transit service <input type="checkbox"/> Roads <input type="checkbox"/> Other _____
---	---	--

2) Do you **support** the vision and problem statement as presented at this open house?

- ☒ Agree
☐ Disagree
☐ Generally agree, but would like to add/remove the following elements:

3) Please **rank** the following **cycling issues** from 1 (most critical) to 8 (least critical).

1	Access to village centres	4	Crossings – Castor River
5	Access to New York Central Fitness Trail	2	Crossings – Highway 417
6	Access to rural destinations/communities	8	Crossings – Moira River
2	Dedicated on-road cycling facilities i.e. bike lanes	3	Intersection treatments and road crossings

4) With regards to the existing cycling network– Are there any **gaps** in the cycling network that should be addressed? What are your **priorities** for improvements?

Crossing the Castor River in Embarras & Russell



COMMENT SHEET

5) Please include any additional comments on the study below:

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François Landry
Municipalité de Russell Township, Project Manager
717 Notre-Dame Street
Embrun, Ontario K0A 1W1
E-mail: infrastructure@Russell.ca

Telephone: _____ E-mail: _____

Postal Code: _____

E-mail: _____

Russell Township Transportation Master Plan Update, Public Information Session

Wednesday, June 19, 2024

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☐ Cycling

☐ Transit

☒ Private Vehicle

☐ Carpool

☐ Scooter/wheelchair

☐ Other _____

I would like to use these modes more often:

☒ Walking

☒ Cycling

☐ Transit

☐ Private Vehicle

☐ Carpool

☐ Scooter/wheelchair

☐ Other _____

I would support investing in the following:

☒ Sidewalks & accessibility features

☒ Trails

☐ On-street cycling facilities

☒ Transit service

☐ Roads

☐ Other _____

2) Do you support the vision and problem statement as presented at this open house?

☒ Agree

☐ Disagree

☐ Generally agree, but would like to add/remove the following elements:

3) Please **rank the following cycling issues** from 1 (most critical) to 8 (least critical).

2	Access to village centres	5	Crossings – Castor River
1	Access to New York Central Fitness Trail	4	Crossings – Highway 417
3	Access to rural destinations/communities	6	Crossings – Moira River
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4) With regards to the existing cycling network– Are there any **gaps in the cycling network** that should be addressed? What are your **priorities** for improvements?

cycle lanes along St. Guillaume

Russell Township Transportation Master Plan Update, Public Information Session
Wednesday, June 19, 2024
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•

Email:

•

Please tell us about yourself:

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☐ I attend school in Russell Township

☐ Other (please specify):

☐ I am a business owner in Russell Township

☒ I work in Russell Township

I ALSO HAVE CLIENTS IN OTTAWA

1) Which mode of transportation do you currently use most frequently for your work/school trips? Which would you like to use more often? Would you support investment in these modes to improve their attractiveness?

My most frequent mode of transportation to work/school is:	I would like to use these modes more often:	I would support investing in the following:
<input type="checkbox"/> Walking	<input type="checkbox"/> Walking	<input type="checkbox"/> Sidewalks & accessibility features
<input type="checkbox"/> Cycling	<input type="checkbox"/> Cycling	<input type="checkbox"/> Trails
<input type="checkbox"/> Transit	<input type="checkbox"/> Transit	<input type="checkbox"/> On-street cycling facilities
<input checked="" type="checkbox"/> Private Vehicle	<input type="checkbox"/> Private Vehicle	<input type="checkbox"/> Transit service
<input type="checkbox"/> Carpool	<input type="checkbox"/> Carpool	<input type="checkbox"/> Roads
<input type="checkbox"/> Scooter/wheelchair	<input type="checkbox"/> Scooter/wheelchair	<input type="checkbox"/> Other
<input type="checkbox"/> Other	<input type="checkbox"/> Other I LIVE AT NORTH	

2) Do you support the vision and problem statement as presented at this open house? END OF RUSSELL - HAMILTONS BURDEN - PRIVATE VEHICLE IS MOST EFFICIENT

☐ Agree

☐ Disagree

☐ Generally agree, but would like to add/remove the following elements:

I LIKE THE TRAFFIC LIGHTS BEING INSTALLED IN RUSSELL

3) Please rank the following cycling issues from 1 (most critical) to 8 (least critical).

	Access to village centres		Crossings – Castor River
	Access to New York Central Fitness Trail		Crossings – Highway 417
	Access to rural destinations/communities		Crossings – Moira River
	Dedicated on-road cycling facilities i.e. bike lanes		Intersection treatments and road crossings

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5) Please include any additional comments on the study below:

[illegible]

Name: _____

Address: _____

_____ Postal Code: _____

Telephone: _____ E-mail: _____

Advisory Committee Meeting 3 Material

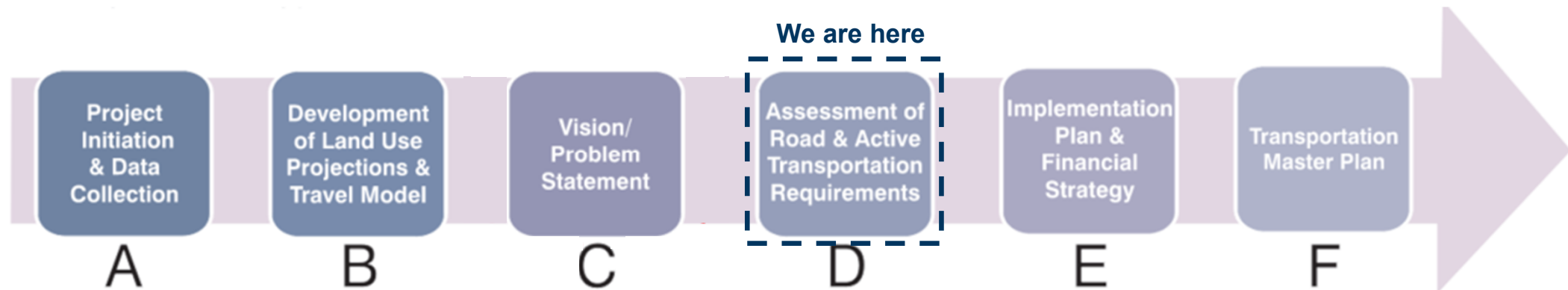


MORRISON HERSHFIELD

Russell Township TMP Update – Advisory Committee Meeting #3

September 11, 2024

Study Process / Progress



PIS 1 – What We Heard

- **13 attendees (sign-up sheet), 4 comment sheets received, 1 email received.**
- **Key Themes**
 - Transportation alternatives – walk, cycle, transit, carpool.
 - Filling gaps in active transportation network, prioritizing access to village centres and NYCFT. Accessibility.
 - River crossings for active transportation.
 - Lack of turn lanes at signalized intersections.
- **Previously Unidentified Issues**
 - Add traffic controls at selected locations along Route 100, 200 and 400 where none exist, and review unwarranted stop controls.
 - Review speeding concerns on north-south routes.
 - Improvements to North Russell Rd / Burton Rd area.

Vision

Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township without compromising environmental sustainability.



Problem Statement

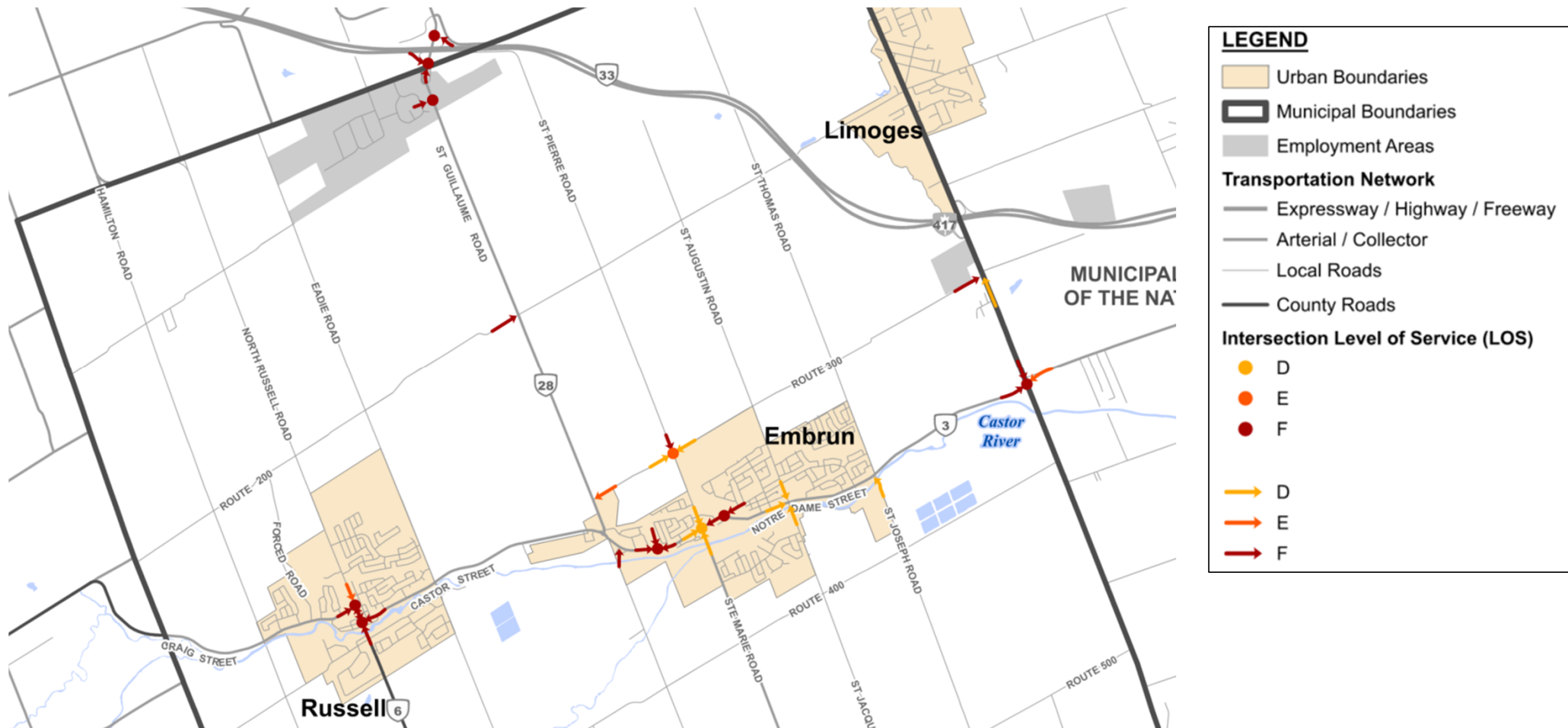
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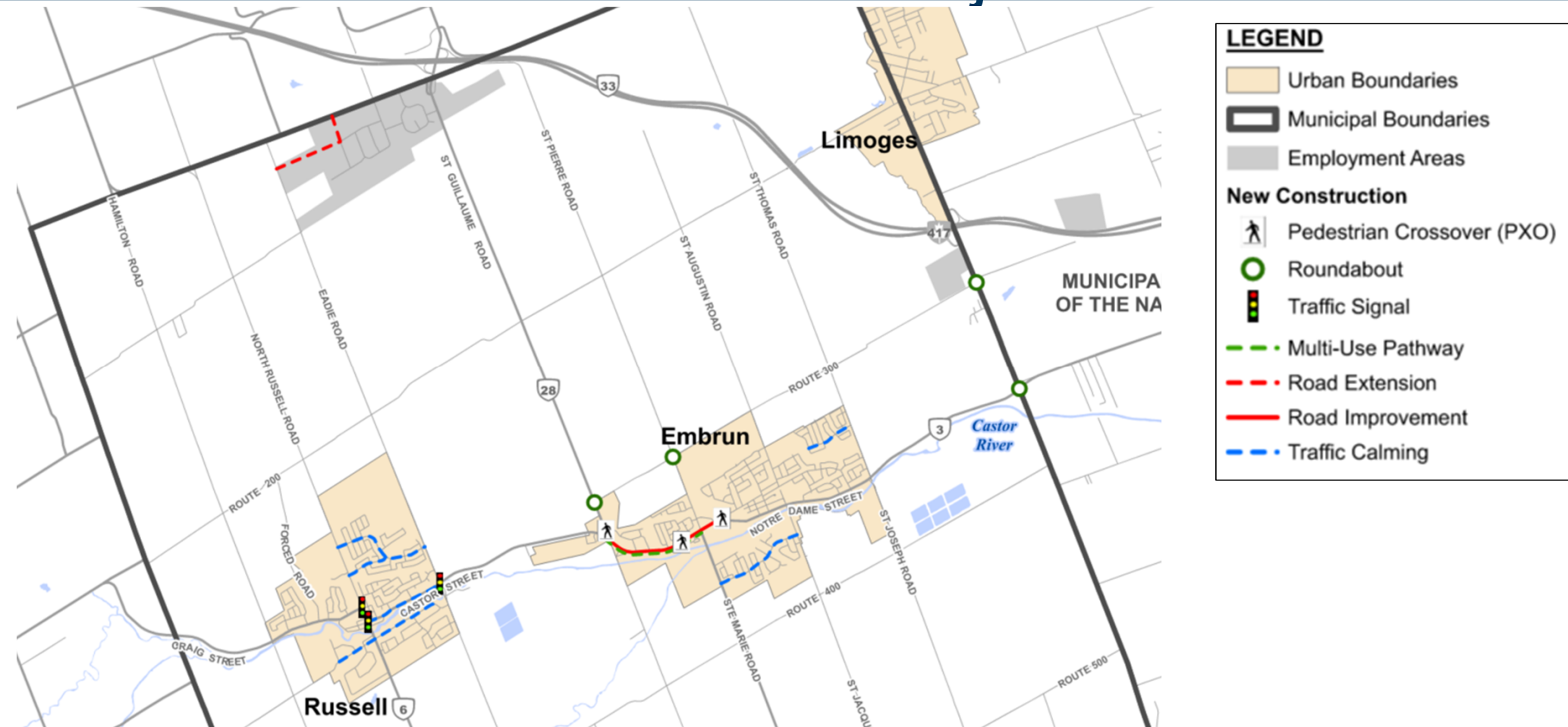
The equity of the transportation system needs to be improved by providing a well-connected multi-modal network that is accessible to all residents regardless of age, income, or physical ability.

The Township has a number of important physical barriers (such as the Castor River and Highway 417) that impede travel, particularly with respect to active modes.

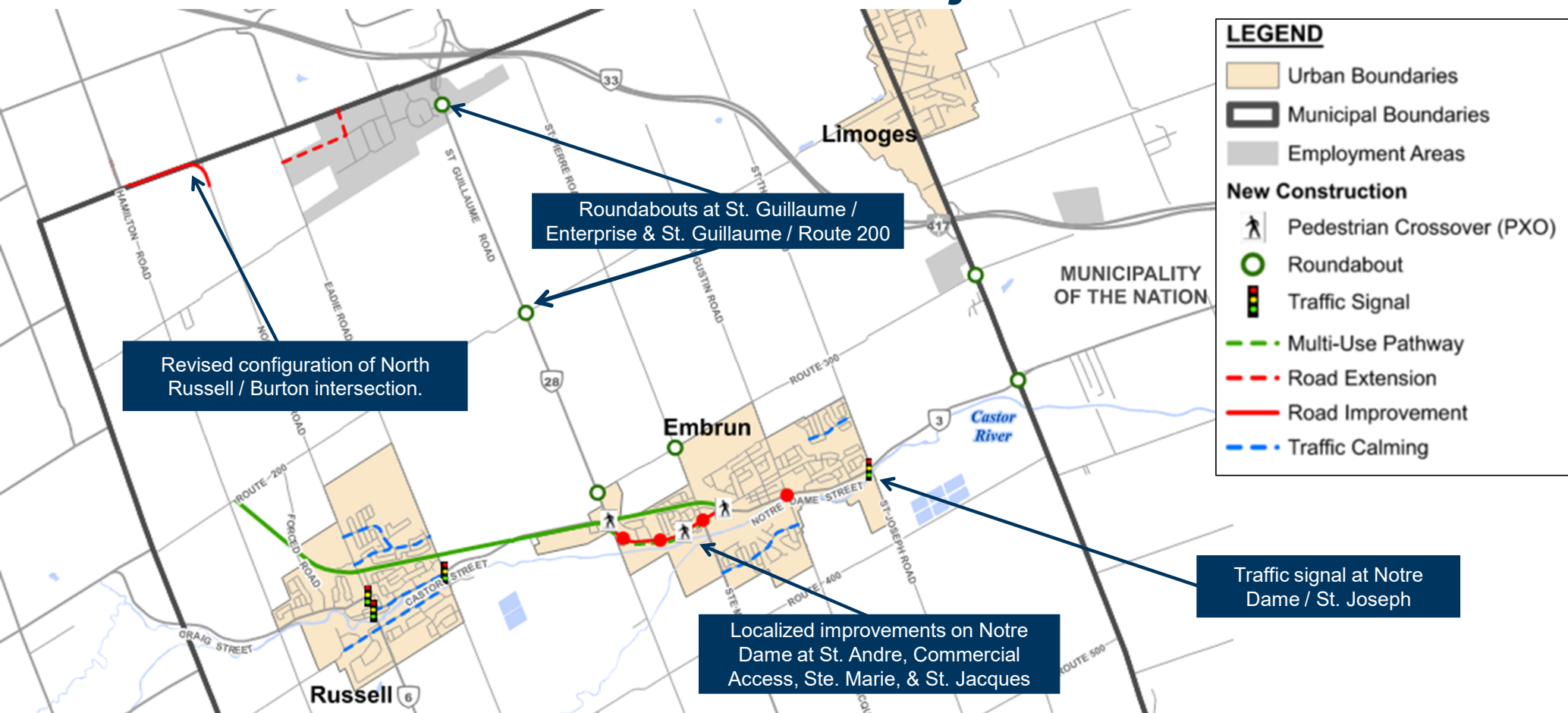
Road Network – Deficiencies



Committed & Planned Projects



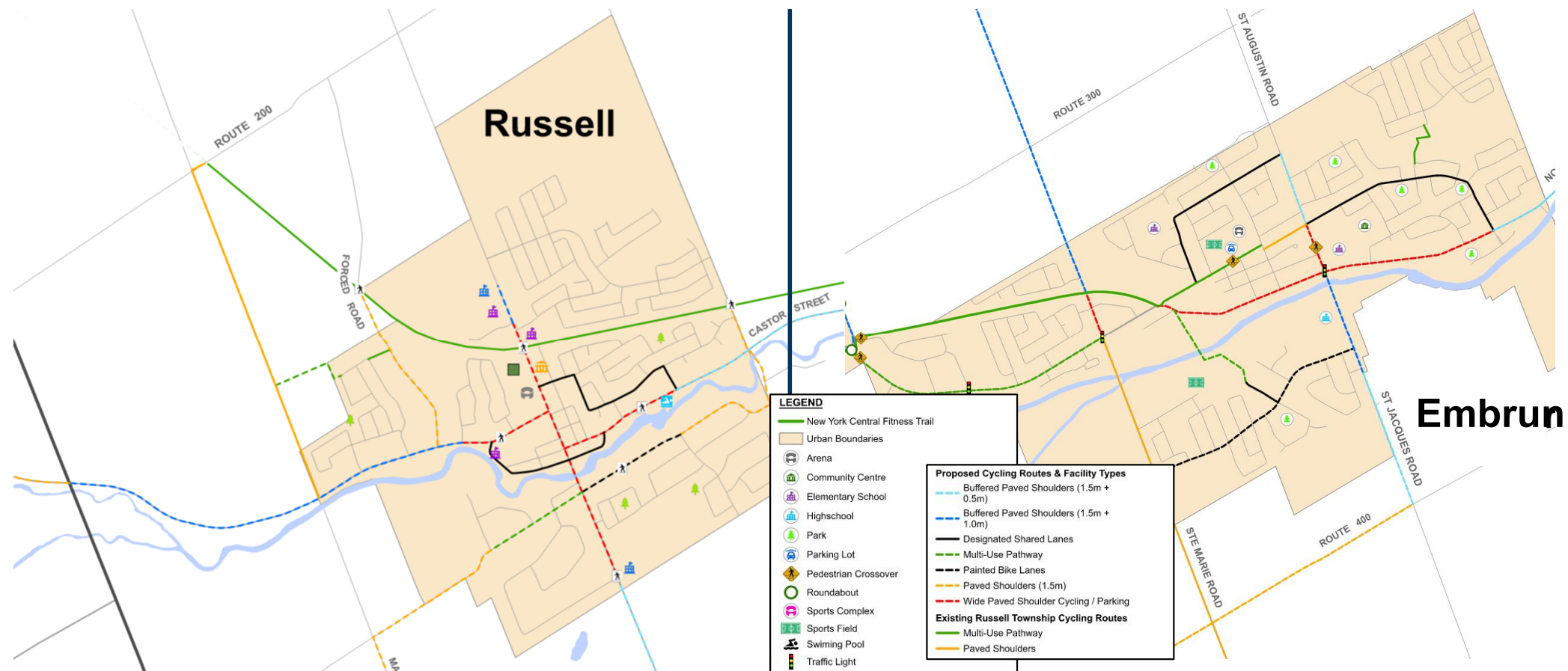
Recommended Road Projects



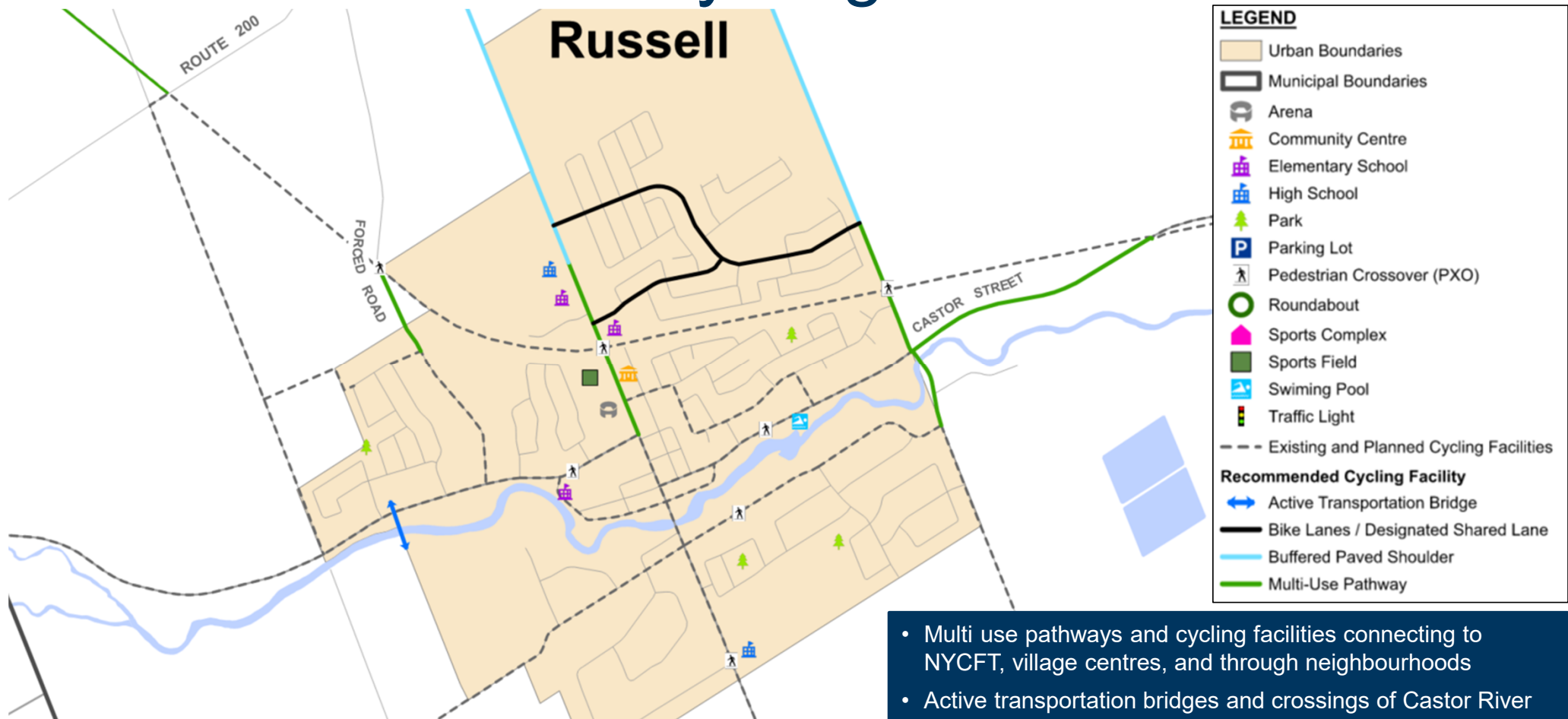
Active Transportation Considerations

- Links to key destinations (e.g., NYCFT, village centres, employment nodes, schools, community facilities).
- Links through neighbourhoods and between communities.
- Spacing between parallel facilities.
- Traffic volumes, truck percentages, posted speeds (for on-road facilities).
- Implementation potential & physical limitations (e.g., road width, right-of-way, topography, etc.).
- Sidewalks on one side of all Village Collector roadways, and on one side of County Roads within Village Boundary.

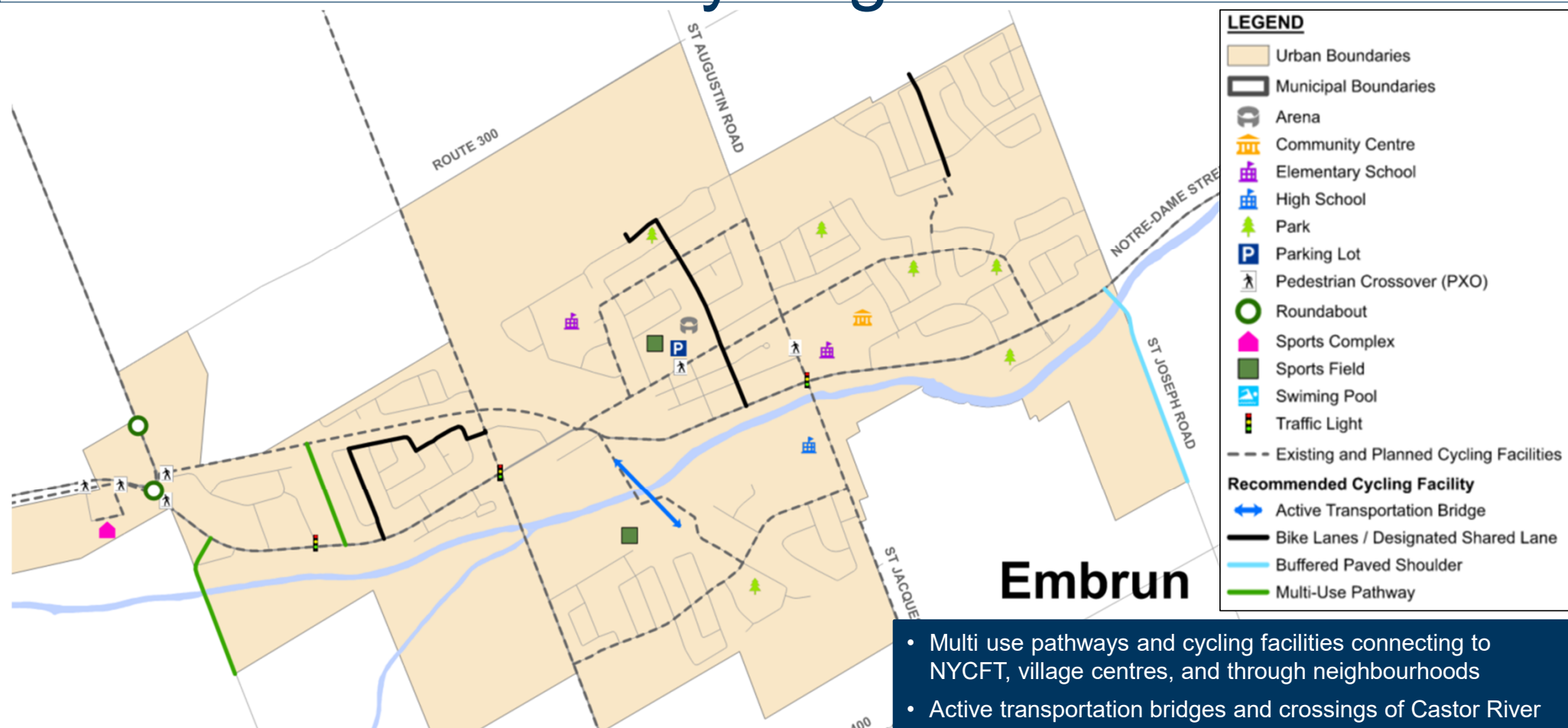
Existing & Planned Cycling Facilities



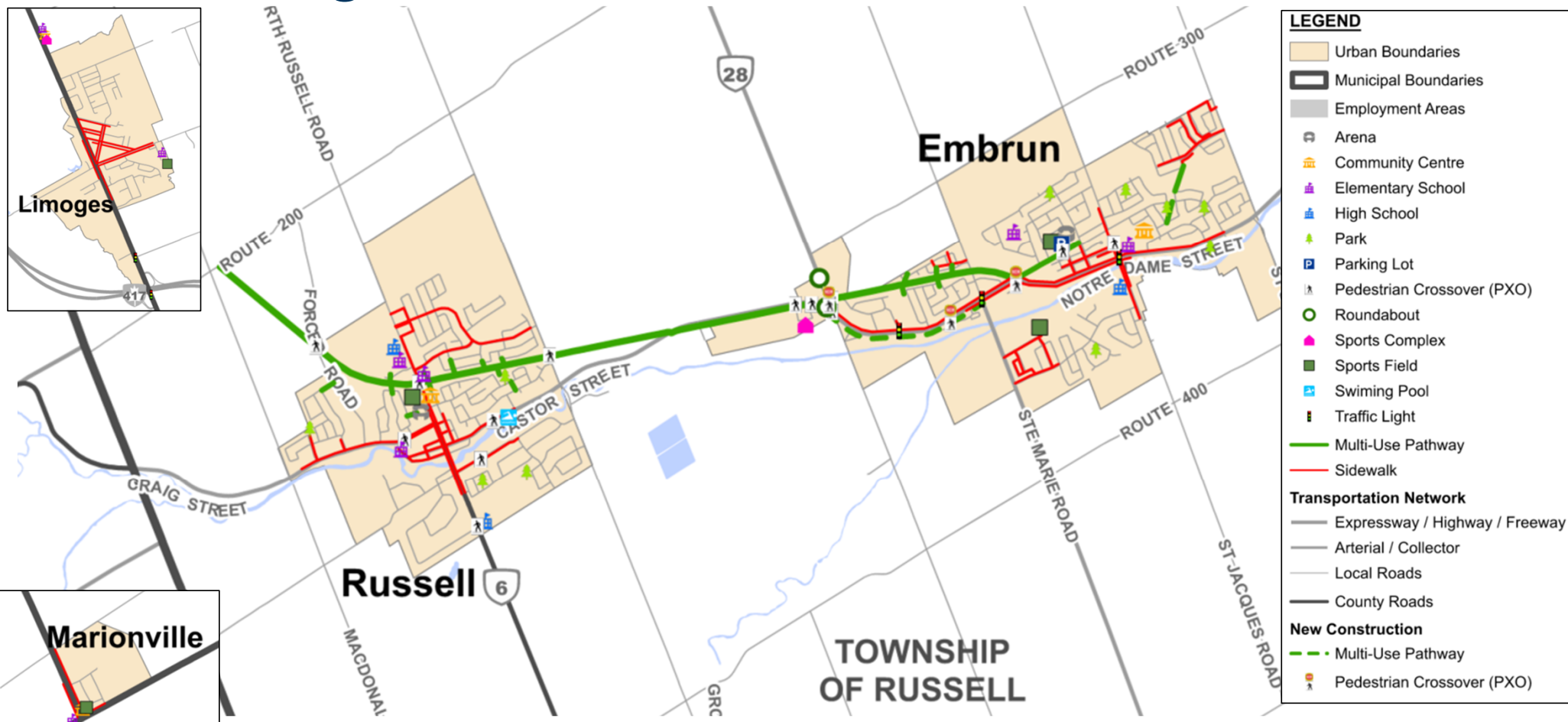
Recommended Cycling Facilities



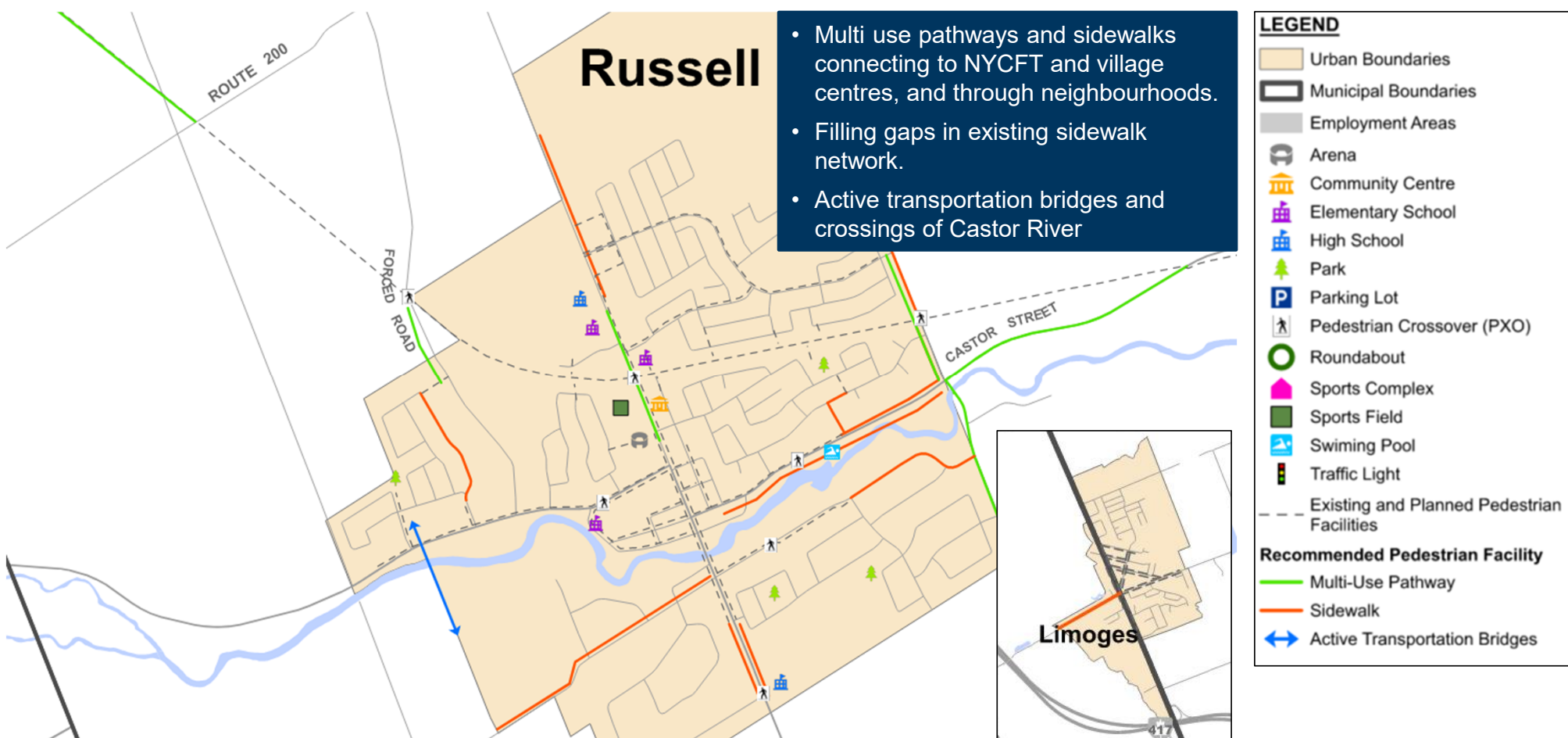
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Existing Pedestrian Facilities

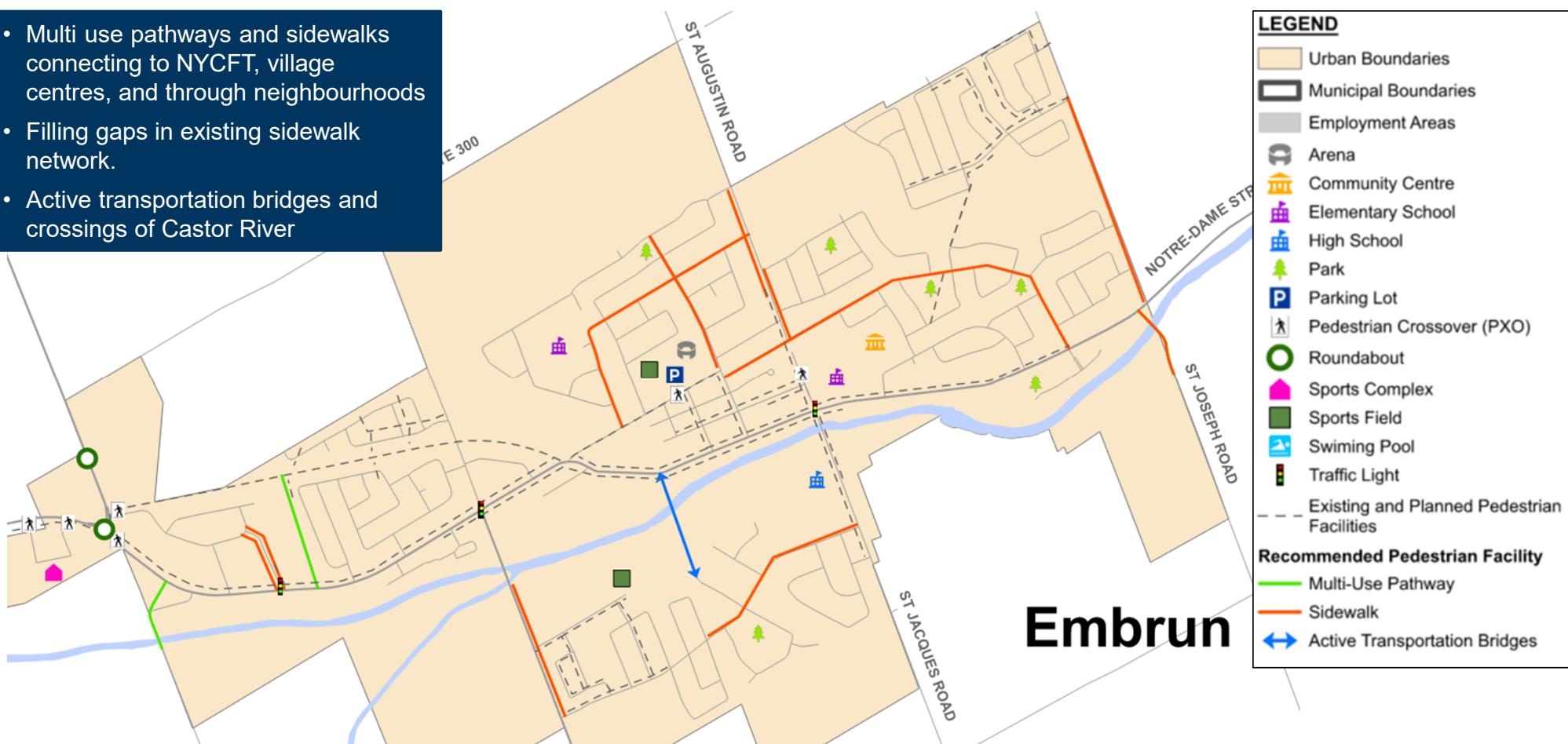


Recommended Pedestrian Facilities - Russell



Recommended Pedestrian Facilities - Embrun

- Multi use pathways and sidewalks connecting to NYCFT, village centres, and through neighbourhoods
- Filling gaps in existing sidewalk network.
- Active transportation bridges and crossings of Castor River



Transit Refresh

■ Current service providers

■ OC Transpo

- Vars Park & Ride to Blair LRT Station (Route 222).
- 1 route, 3 buses per day (each direction), weekday peak periods.
- Monthly pass = \$130. Per ride = \$3.80.
- ~1000 annual ridership (2017).
- Current (2024) Park & Ride Usage = 19% (38 spots)

■ 417 Bus Lines

- Downtown Russell & Embrun to downtown Ottawa.
- 1 route, 1 bus per day (each direction), Tuesday – Thursday peak periods.
- Monthly pass = \$300. 10 one-way rides = \$225.
- ~5500 annual ridership (2024)

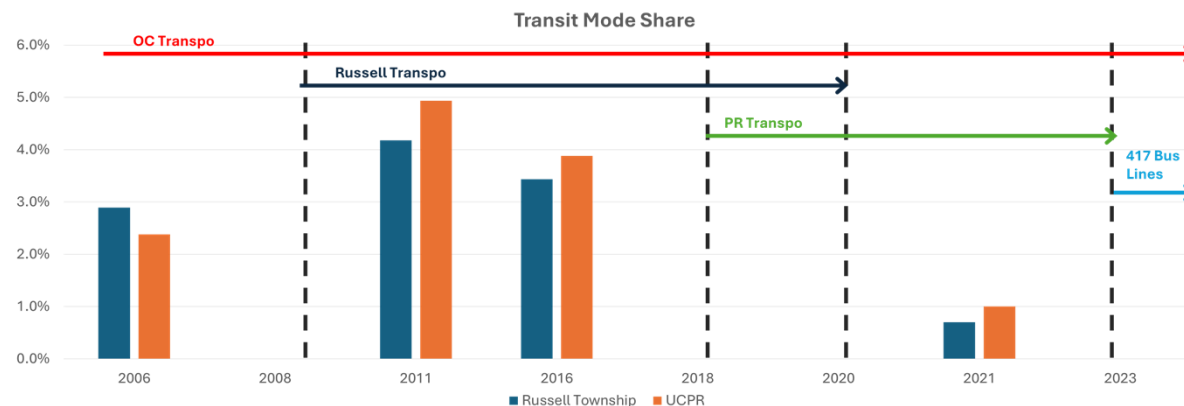
■ Past service providers

■ Russell Transpo

- Downtown Russell & Embrun to downtown Ottawa.
- Three routes, 4 buses per day (each direction), weekday peak periods.
- Monthly pass = \$245. 10 one-way rides = \$102. Per ride = \$15.
- ~70,000 annual ridership

■ PR Transpo

- Within UCPR, on-demand service.
- 50% of trips originating in Russell Township remained in Russell Township.
- 10 one-way rides = \$45. Per ride = \$5.
- ~4000 annual ridership (2021 – 2023)



Transit Discussion

- 2018 Transit Feasibility Study Takeaways

- *“The financial sustainability of the service is dependent on farebox revenue (70-75% of operating cost is covered by farebox revenue).”* This cost recovery is high, making this the lowest municipal contribution in Ontario.
- *“Municipal funding requirements are sensitive to ridership levels. For example, a 10% decrease in ridership without a corresponding decrease in operating costs would approximately double the required municipal contribution.”*
- Per-ride cost is highest in Ontario. Per-ride cost discourages occasional or local transit users.
- Residents and riders survey showed majority of people agree transit service is important (81%), should be increased (73%) or maintained (59%).
- Biggest negative perceptions are expense (31%) and travel time (23%).
- Increase to property taxes to support local transit service was not viewed fondly at the time (32% for, 60% against).
- There are opportunities to make routes more efficient and make bus stop amenities more attractive. Forcing a transfer to OC or STO was not viewed fondly (i.e., terminate at a station rather than downtown).
- **Conclusions:** Service had a high recovery pre-COVID, and is likely still the case. There is evidence of ridership being sensitive to fares, as well as travel time. There may be an opportunity to offer up similar subsidies to OC Transpo (to extend service downtown) or 417 Bus Lines (to reduce fares).

Policies

Potential supporting policies to be included or recommended for future study as part of the TMP include:

- Neighbourhood Traffic Calming
- School & Community Traffic Zones
- Speeding & Cut-Through Traffic Mitigation
- Bike Parking Requirements
- E-Mobility Use (E-Bike, E-Scooter, etc.)

Next Steps

- Supporting Policies & Guidelines
- Implementation Plan & Financial Strategy
- Advisory Committee Meeting 4
- Draft Transportation Master Plan
- Second Public Information Session





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Stakeholder Committee Meeting 2 Material



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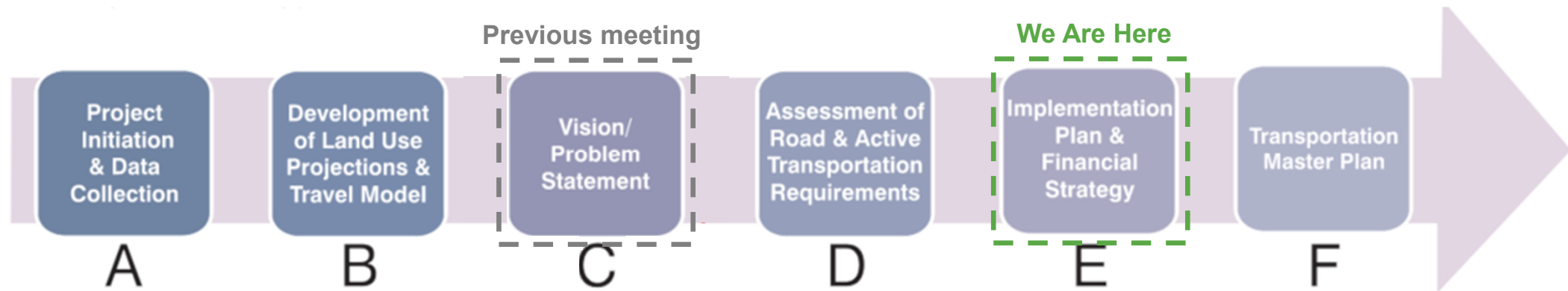


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Russell Township TMP Update – Stakeholder Committee Meeting #2

January 2025

Study Process / Progress



Vision

Develop a safe and accessible transportation network that provides connectivity for all modes of transportation, while supporting future development and economic growth in the Township without compromising environmental sustainability.



Problem Statement

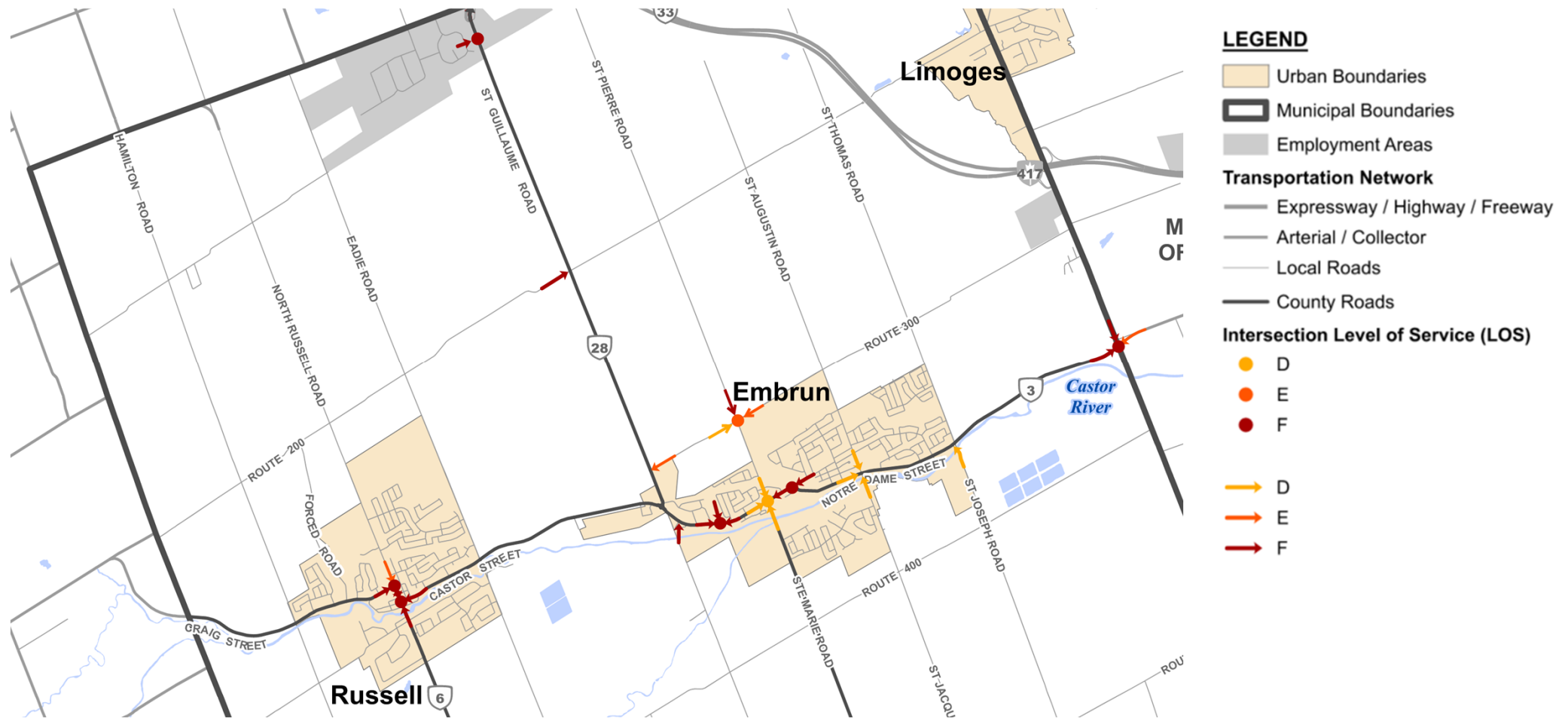
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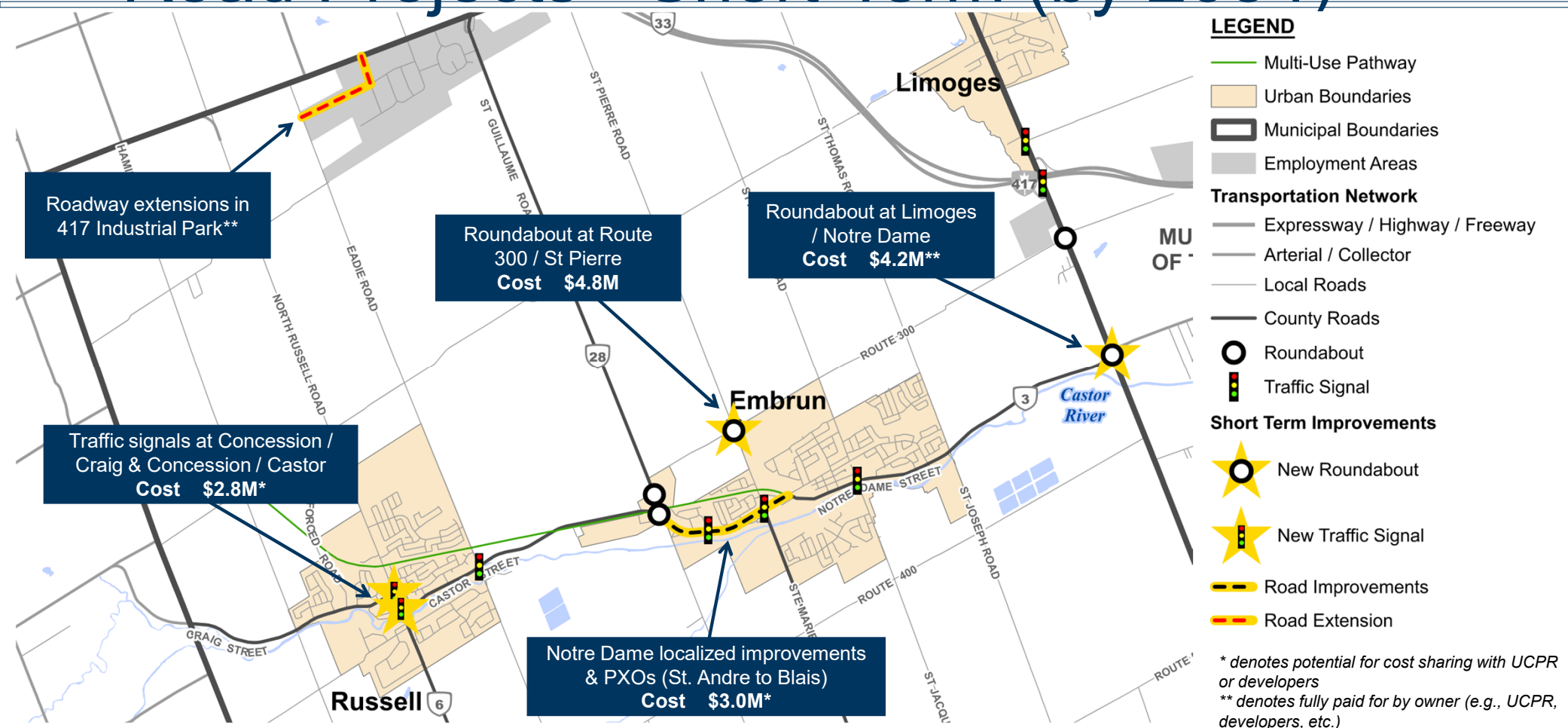
Road Network – 2044 Deficiencies



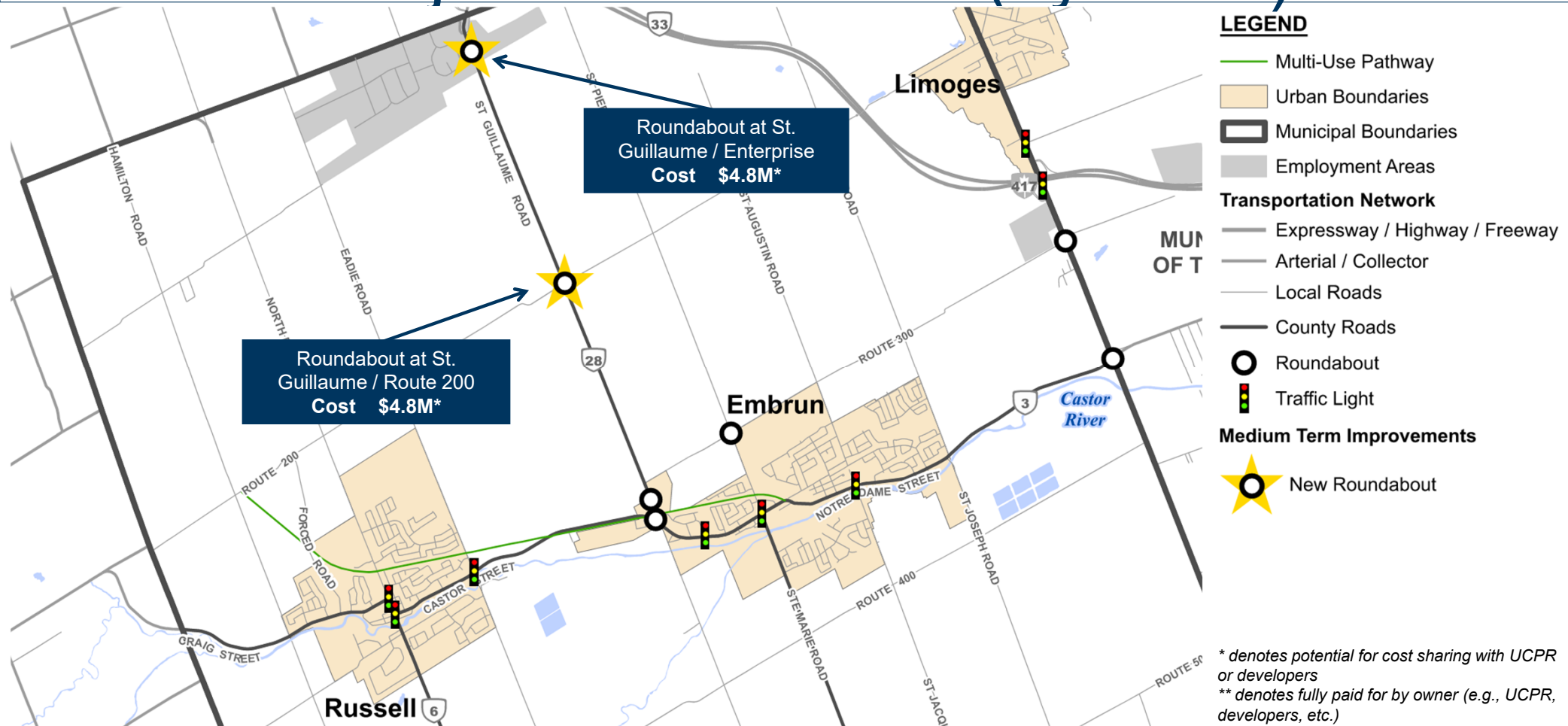
Road Projects – Implementation Plan

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- Mid-term and long-term projects are focused on addressing traffic delays and queues throughout Township.

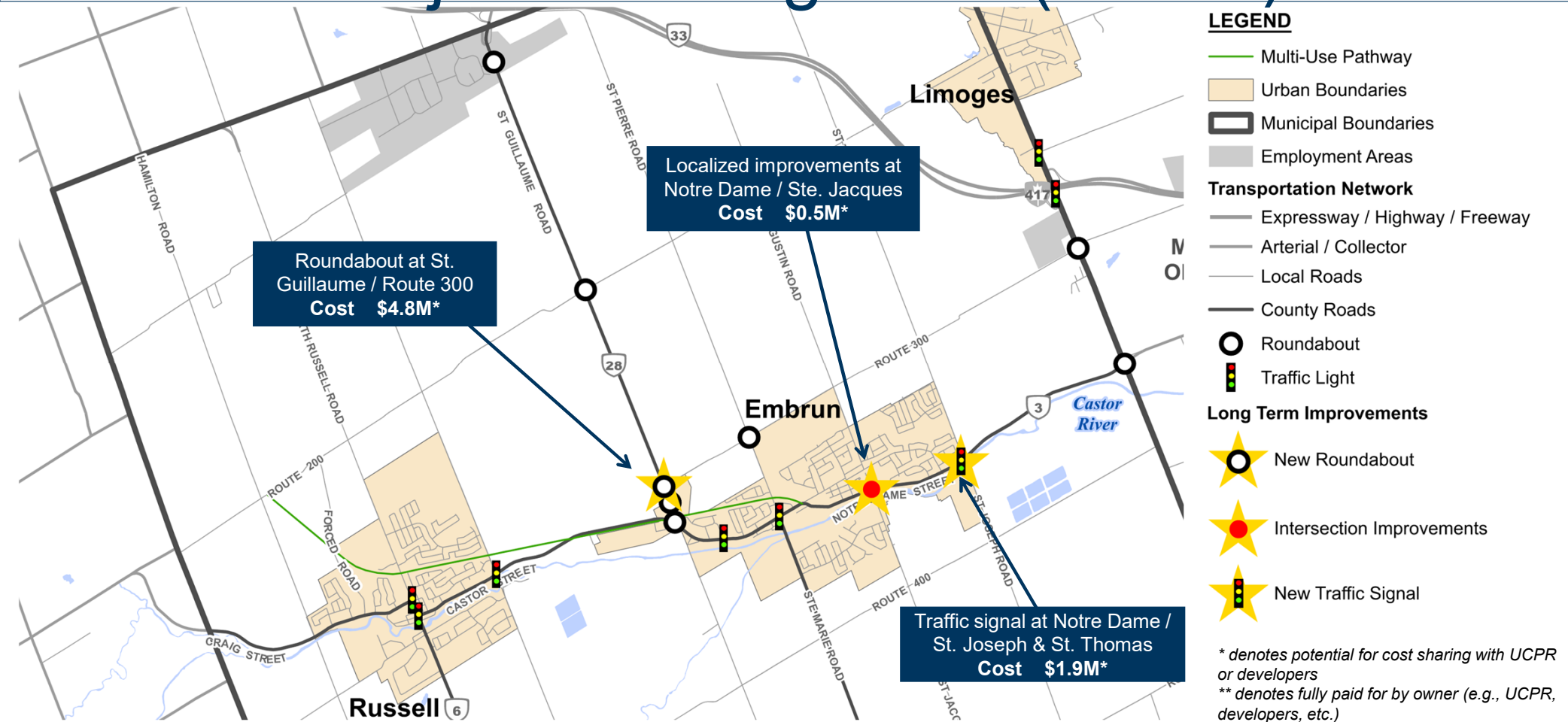
Road Projects - Short-Term (by 2034)



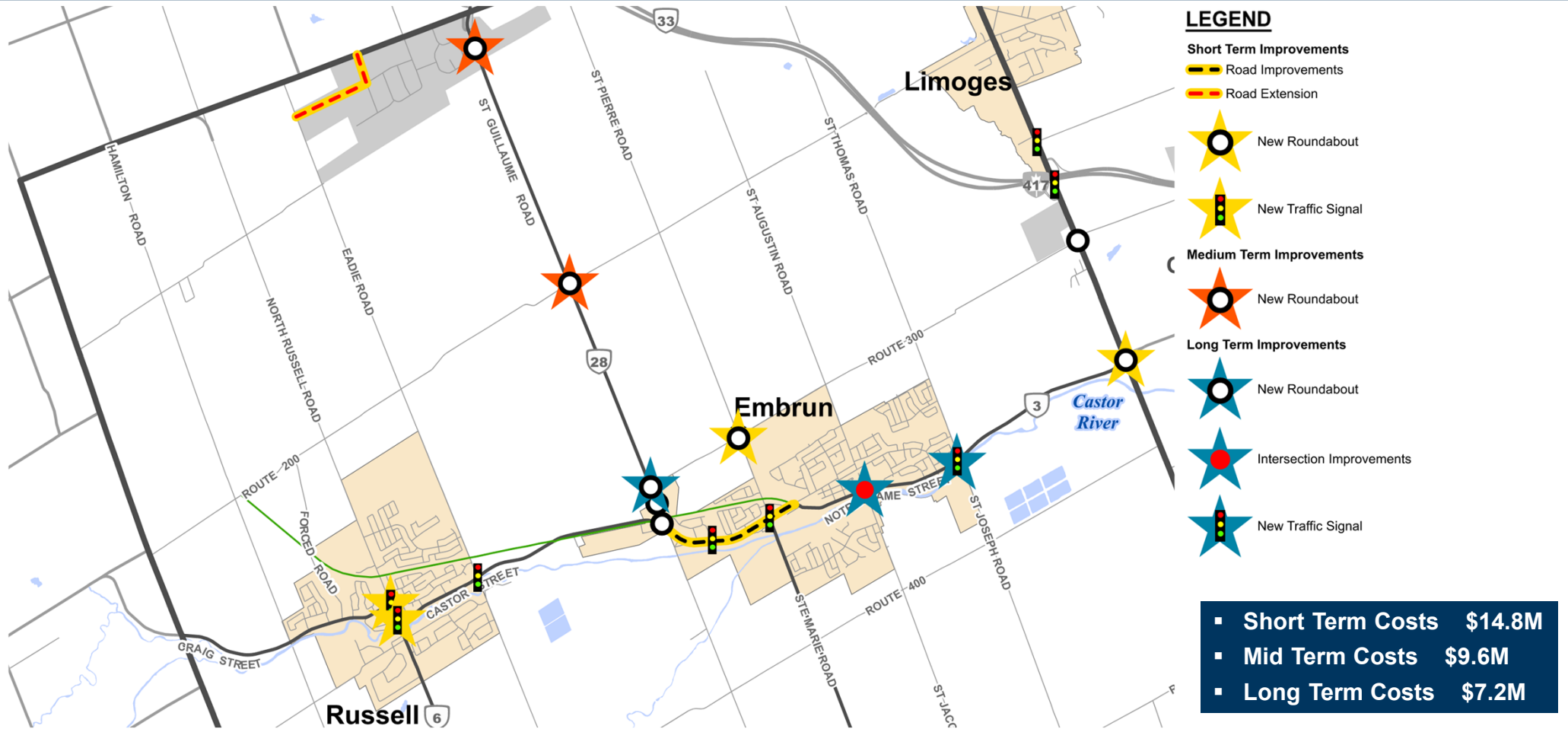
Road Projects – Mid-Term (by 2044)



Road Projects – Long-Term (2044+)



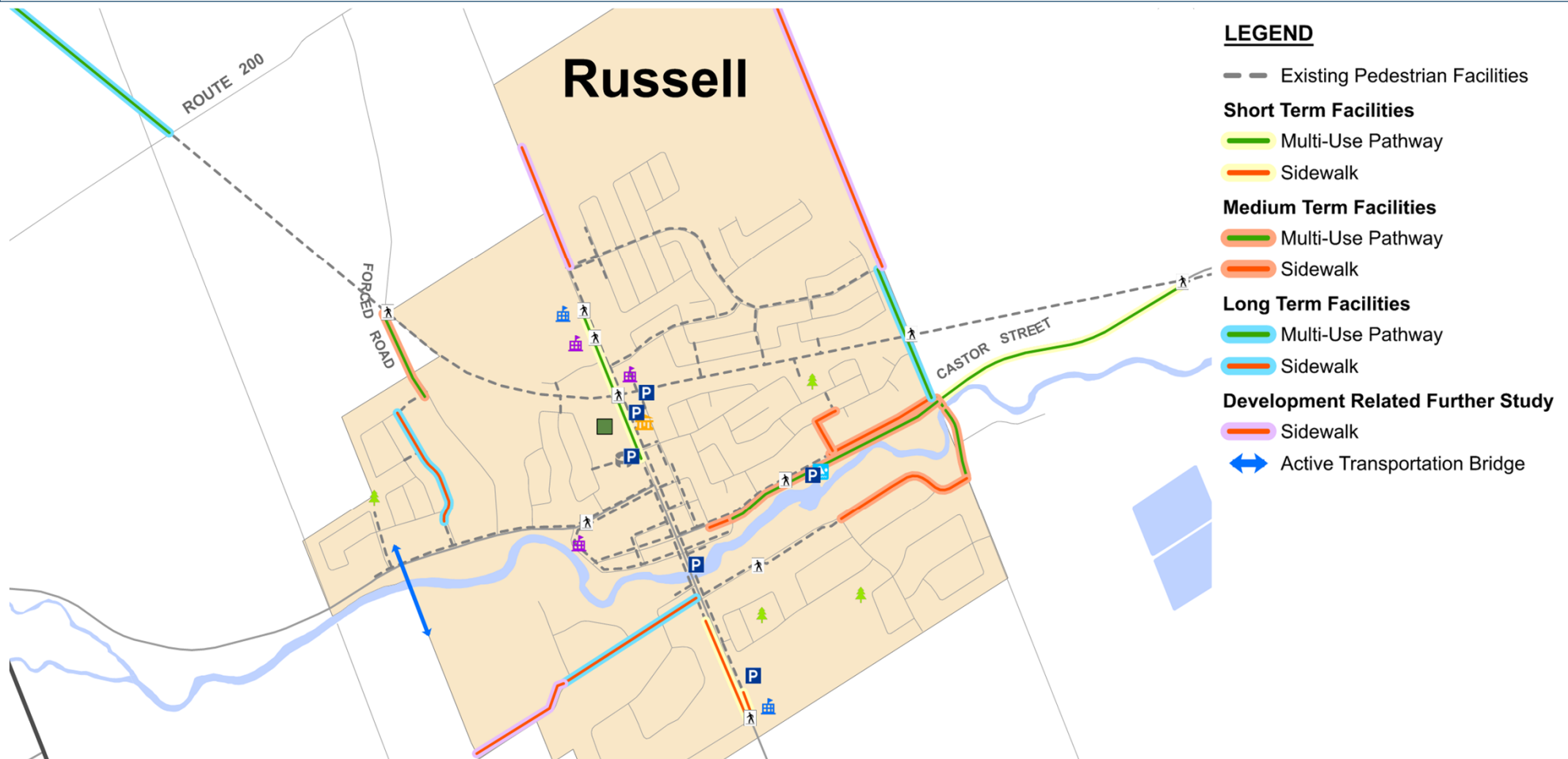
Road Network - Prioritization



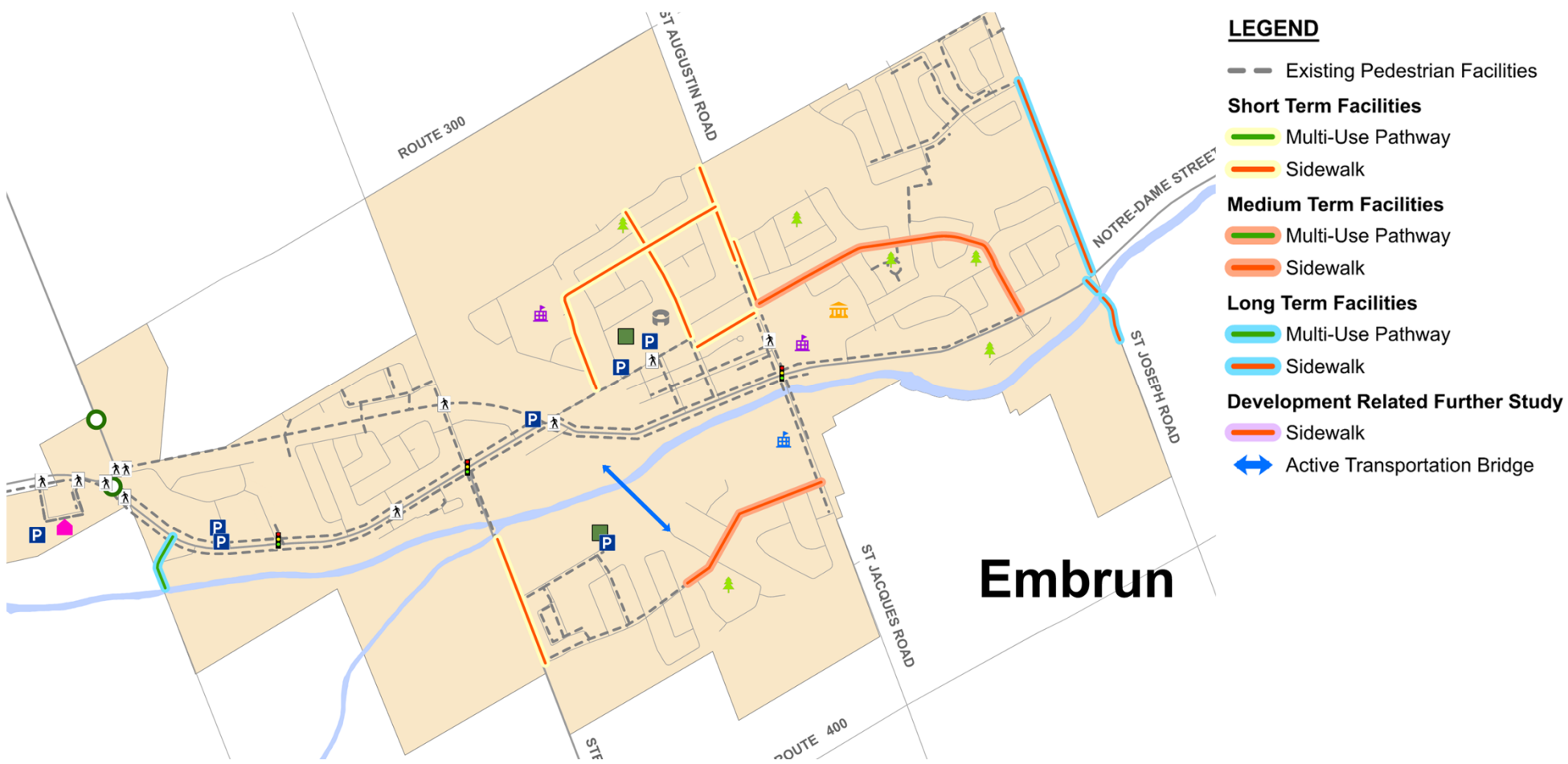
Pedestrian Facilities – Implementation Plan

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- Where continuous facilities are proposed on a specific side of the roadway, it will be noted in the TMP. If no side is specified, the side of the roadway can be determined at the time of more detailed design.

Recommended Pedestrian Facilities - Russell



Recommended Pedestrian Facilities - Embrun

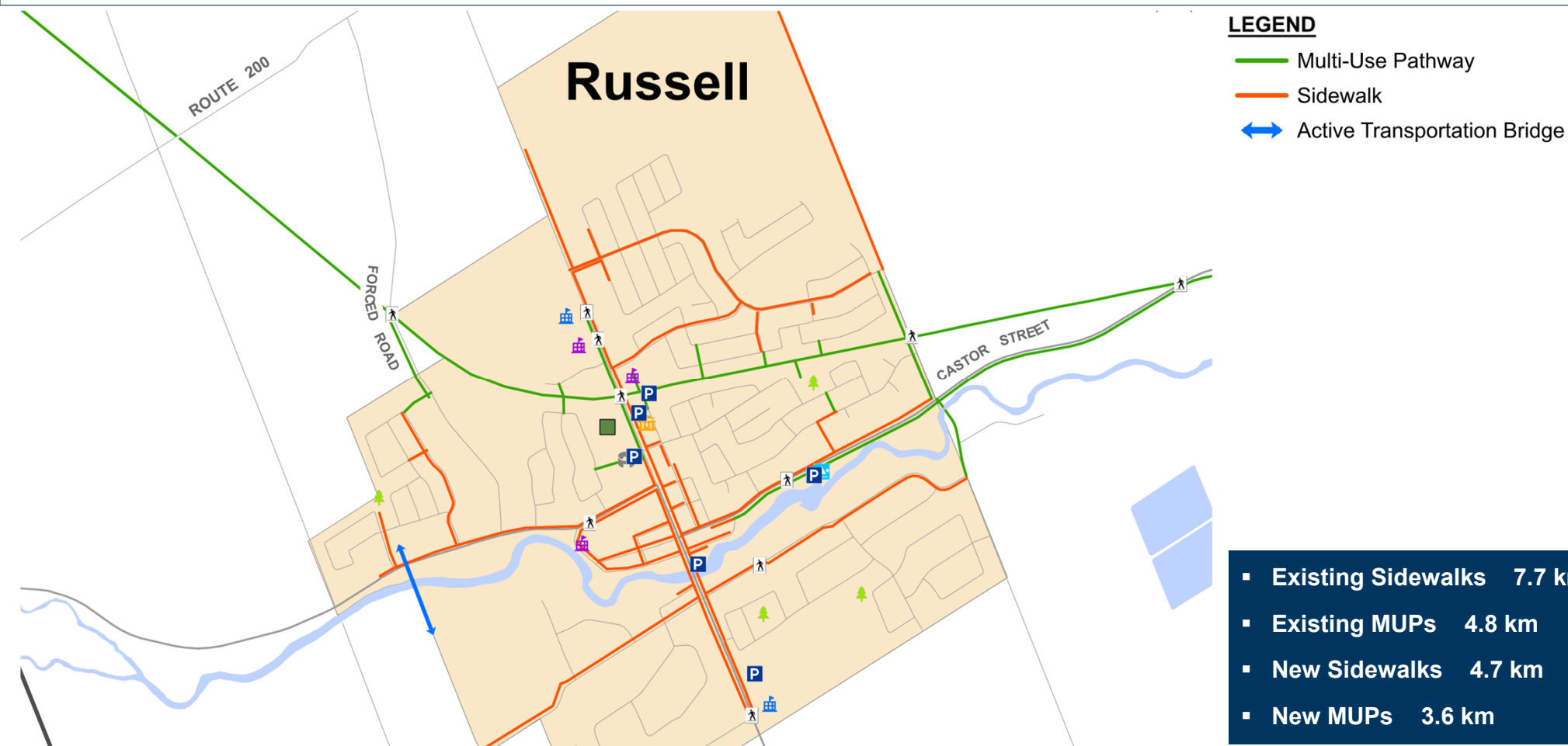


Total Pedestrian Infrastructure

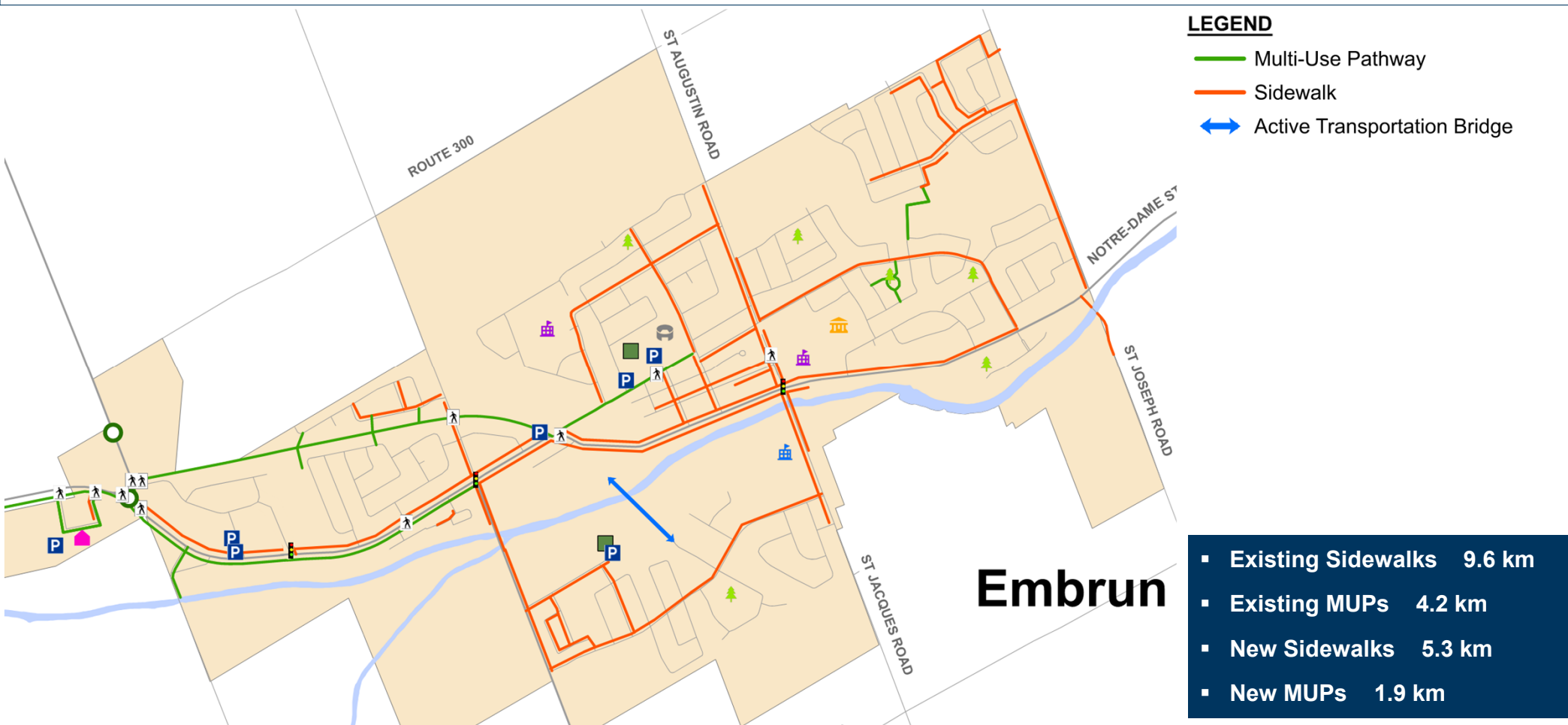
Total Kilometres of Existing and Proposed Ped. Infrastructure by Road Classification (as per new Russell OP)¹

	Township Roadways					County Roadways			Total
	Rural Arterial	Village Main Street	Village Major Collector	Village Minor Collector	Local Road	Village Main Street	Village Major Collector	County Major Collector	
Roadways	1.7	0.5	10.1	19.6	222	2.5	14.2	76.0	346.6
Existing Sidewalks	0.0	0.6	1.6	5.4	14.2	4.2	9.3	0.0	35.3
Proposed Sidewalks	0.0	0.4	2.1	7.2	4.2	0.8	2.7	0.0	17.5
Total Future Sidewalks	0.0	1.0	3.7	12.6	18.4	5.0	12.0	0.0	52.8

Ultimate Pedestrian Facilities – Russell



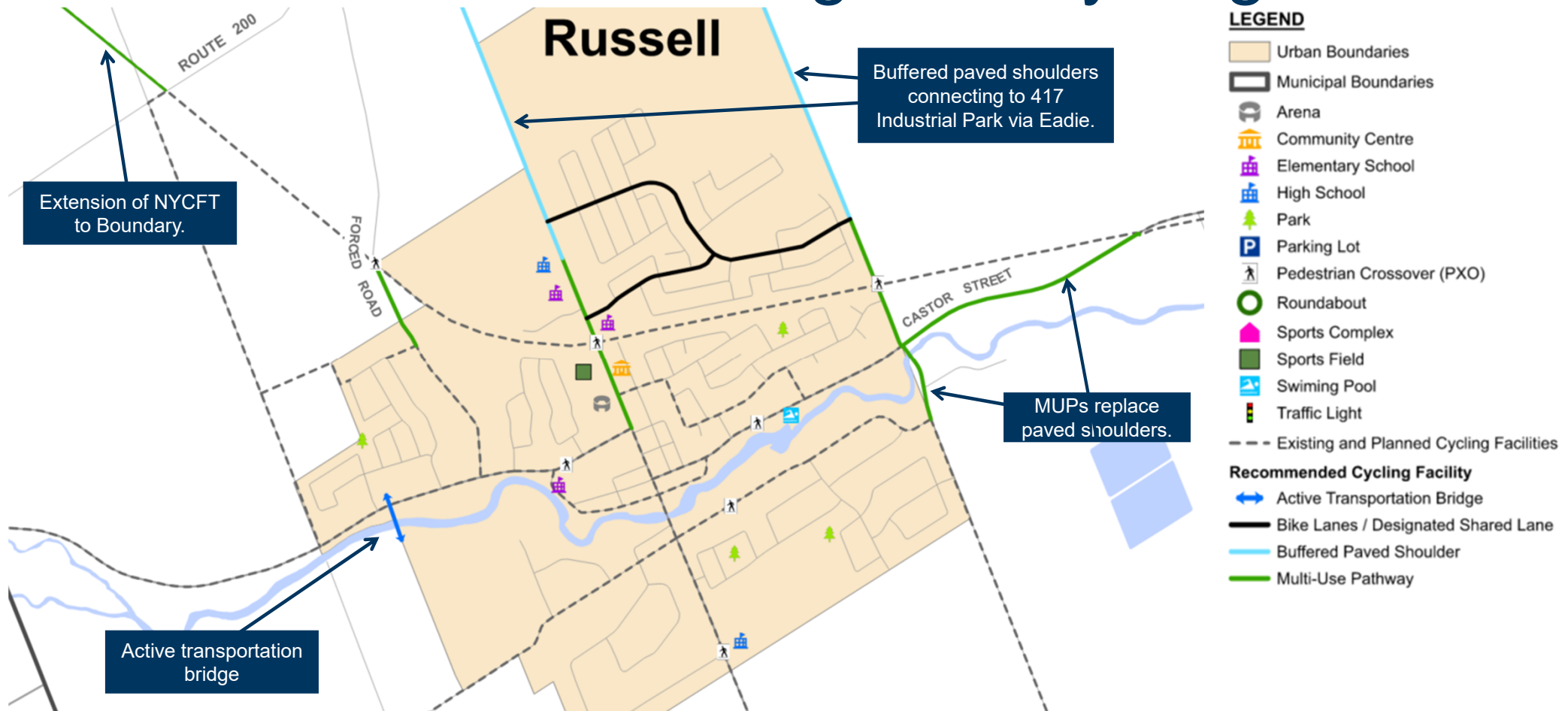
Ultimate Pedestrian Facilities – Embrun



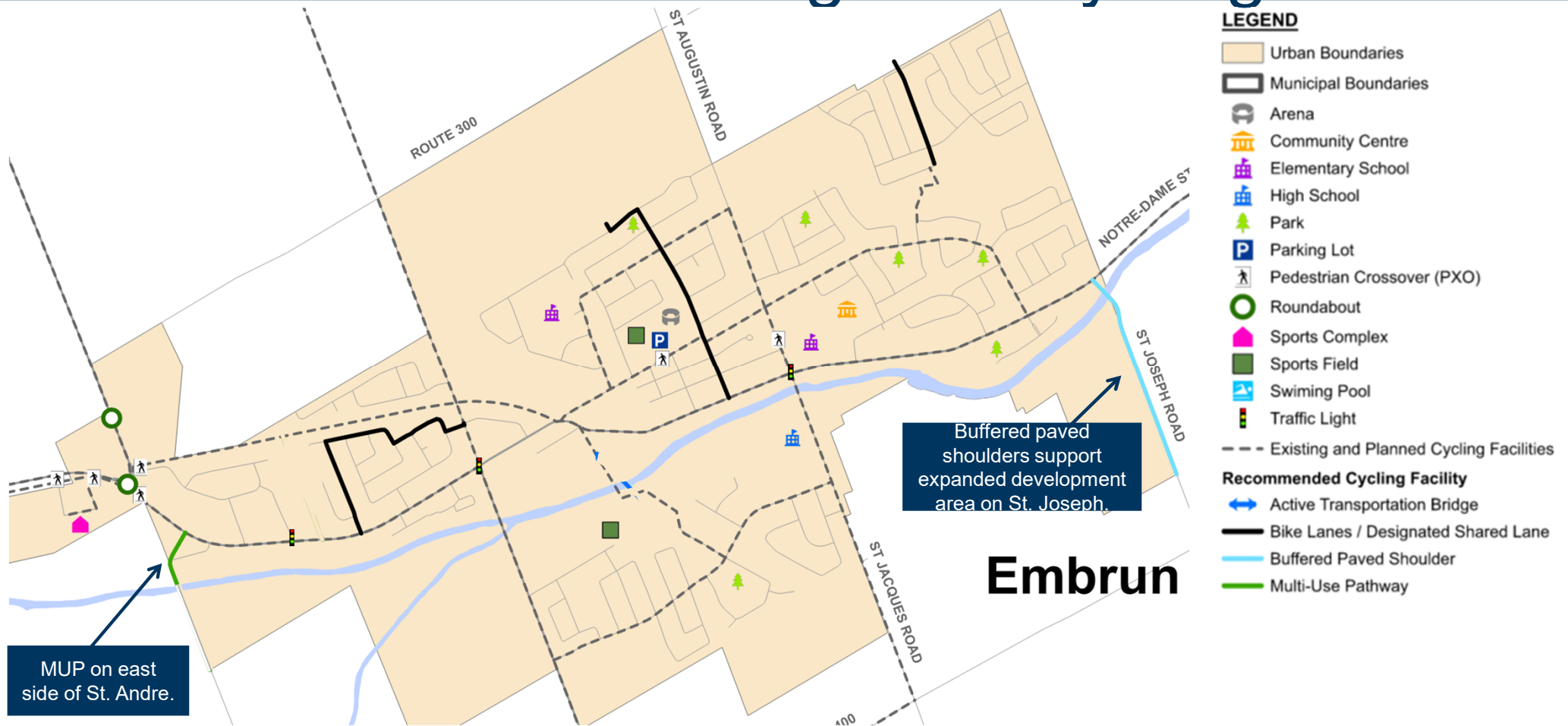
Cycling Plan – Proposed Changes

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- Where appropriate, changes have been recommended to the Cycling Plan as part of the TMP. This may be for the following reasons:
 - Segregated facilities (i.e., MUP) are now recommended as part of the pedestrian facilities.
 - New development areas require additional cycling infrastructure that was not captured in the 2019 plan.
 - As cycling becomes a more common mode of transportation, members of the public have provided additional feedback about needs / desires above and beyond those in the 2019 plan.

Recommended Changes to Cycling Plan



Recommended Changes to Cycling Plan



Roadway Network – Cost Estimates

Horizon	Capital Cost
Short-Term (2025 – 2034)	\$14.8M
<ul style="list-style-type: none"> Traffic signals at Concession / Craig & Castor* Notre Dame localized improvements & multi-use pathway*¹ Roundabout at Notre Dame / Limoges** Roundabout at Route 300 / St. Pierre 	\$2.8M \$3.0M \$4.2M \$4.8M
Mid-Term (2035 – 2044)	\$9.6M
<ul style="list-style-type: none"> Roundabout at St. Guillaume / Route 200* Roundabout at St. Guillaume / Enterprise* 	\$4.8M \$4.8M
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* denotes potential for cost sharing with UCPR or developers. ** denotes fully paid for by owner (e.g., UCPR, developers, etc.)

Pedestrian Facilities – Cost Estimates

Horizon	Capital Cost
Short Term (2025 – 2034)	\$7.1M
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Long Term (2044+)	\$5.1M
<ul style="list-style-type: none"> Extension of NYCFT to Boundary¹ MUP on west side of Eadie MUP on east side of St. Andre Sidewalks on St. Thomas, St. Joseph* 	\$1.9M \$0.9M \$0.4M \$1.9M

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Transportation Network – Cost Estimates

Horizon	Roadway	Pedestrian	Cycling ¹	Total Cost	Cost / Year
Short-Term (2025 – 2034)	\$14.8M	\$7.1M	\$0.5M	\$22.4M	\$2.2M
Mid-Term (2035 – 2044)	\$9.6M	\$7.3M	\$0.5M	\$17.4M	\$1.7M
Long-Term (2044+)	\$7.2M	\$5.1M	\$4.5M	\$16.8M	N/A

Based on Annual Infrastructure Budgets for Russell Township from 2017-2024, the expenditure on new transportation infrastructure was approximately \$0.6M per year. The following slides will explore opportunities to reduce the expected costs of the TMP recommendations.

1 – Cycling costs are taken from Russell Township Cycling Master Plan. Values are adjusted for inflation of construction costs and removal of projects already constructed or replaced by pedestrian projects (as previously identified).

Financial Strategy – Additional Funding Resources

1. **Cost-Sharing:** Negotiate with higher level of government (e.g., UCPR) or with developers.
2. **Dedicated Funding Programs:** Federal or provincial programs.
3. **Development Charges**
4. **Deferral of Projects:** Shift to longer term horizons.

Next Steps

- Draft Transportation Master Plan – Early February
- Second Public Information Session – Late February





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Advisory Committee Meeting 4 Material



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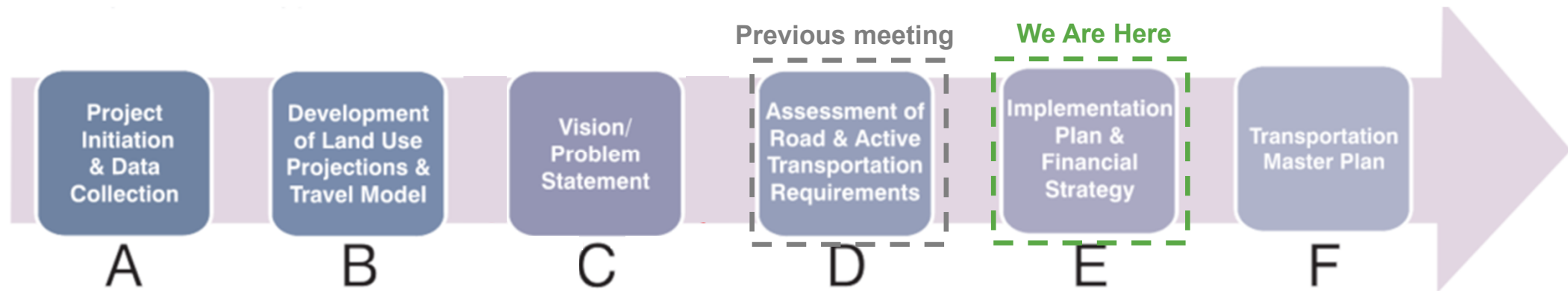


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Russell Township TMP Update – Advisory Committee Meeting #4

January 2025

Study Process / Progress



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Problem Statement

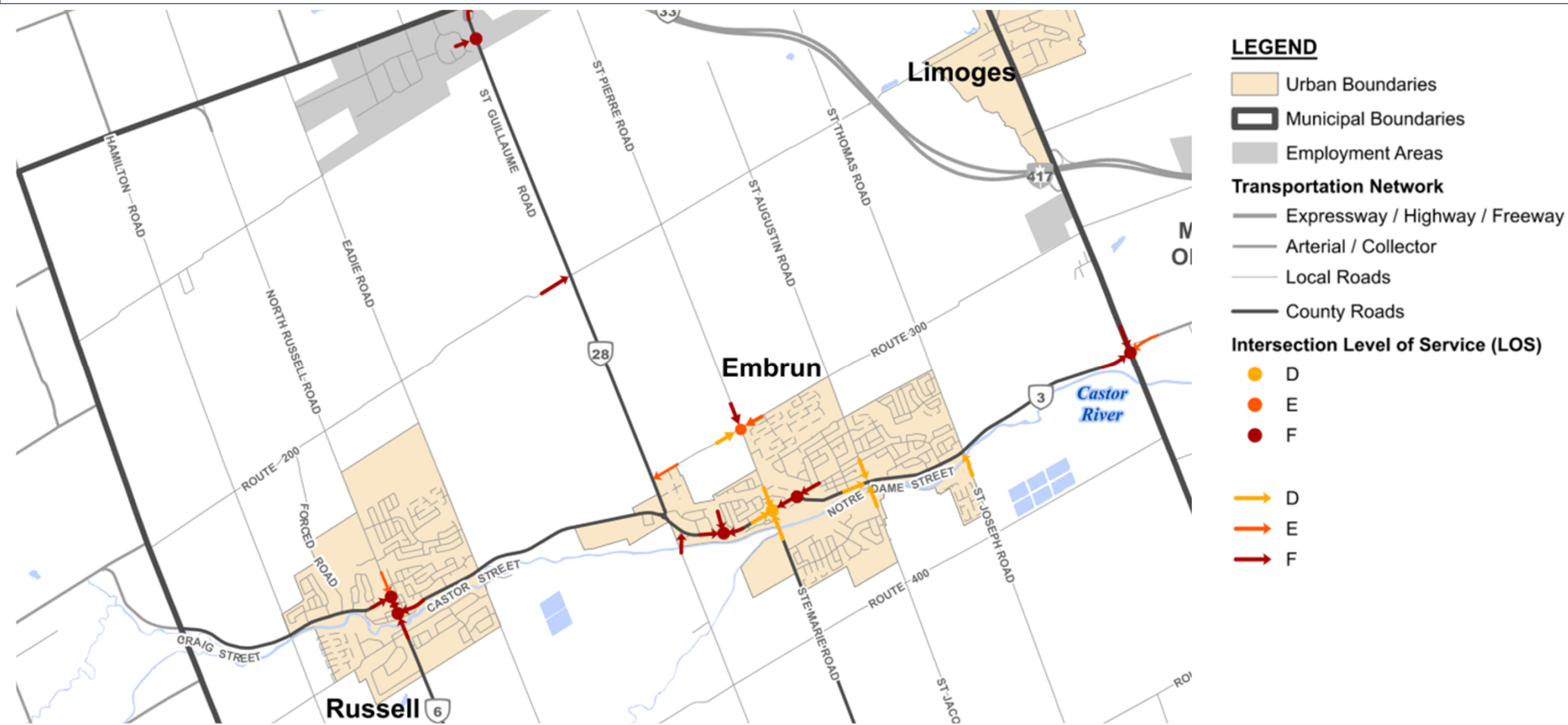
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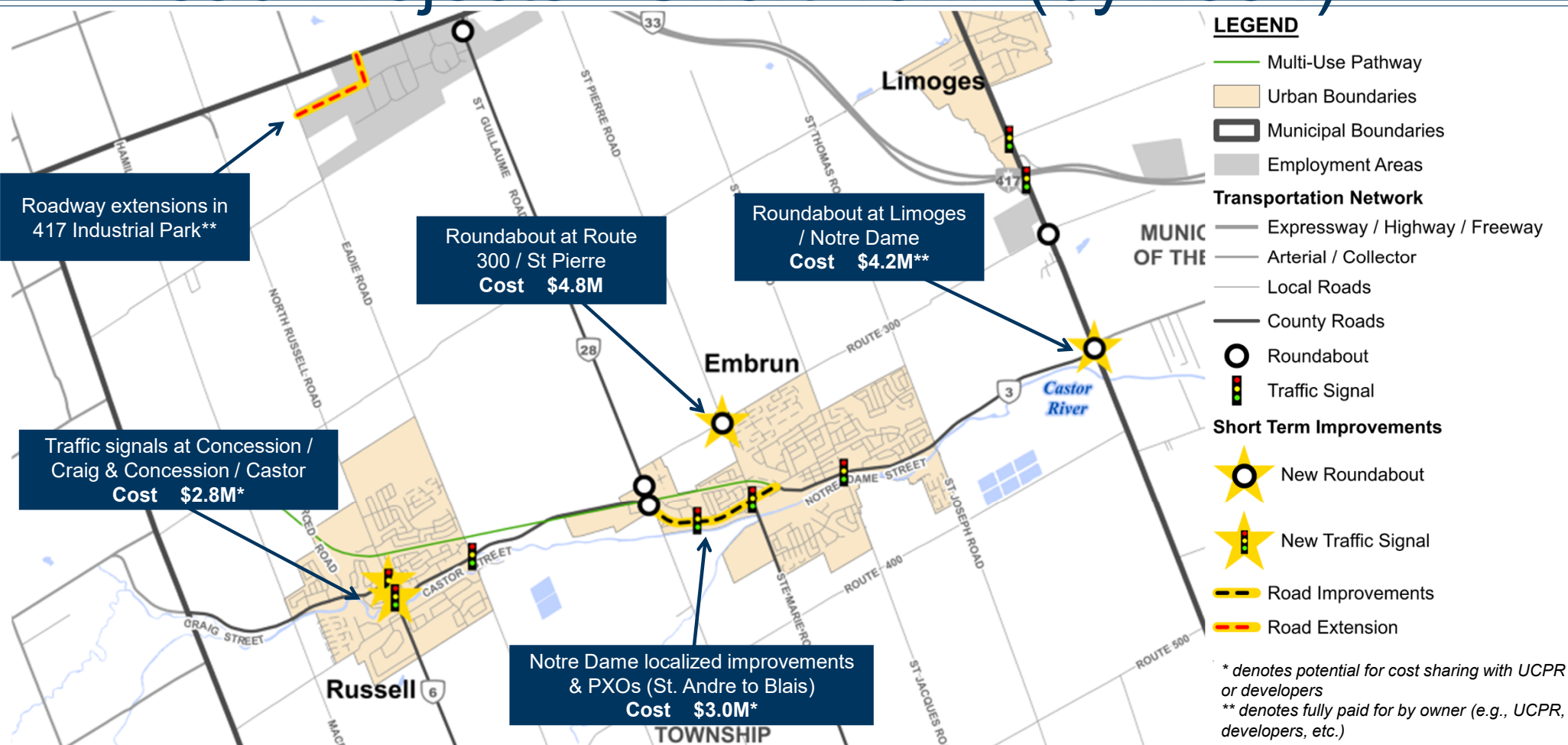
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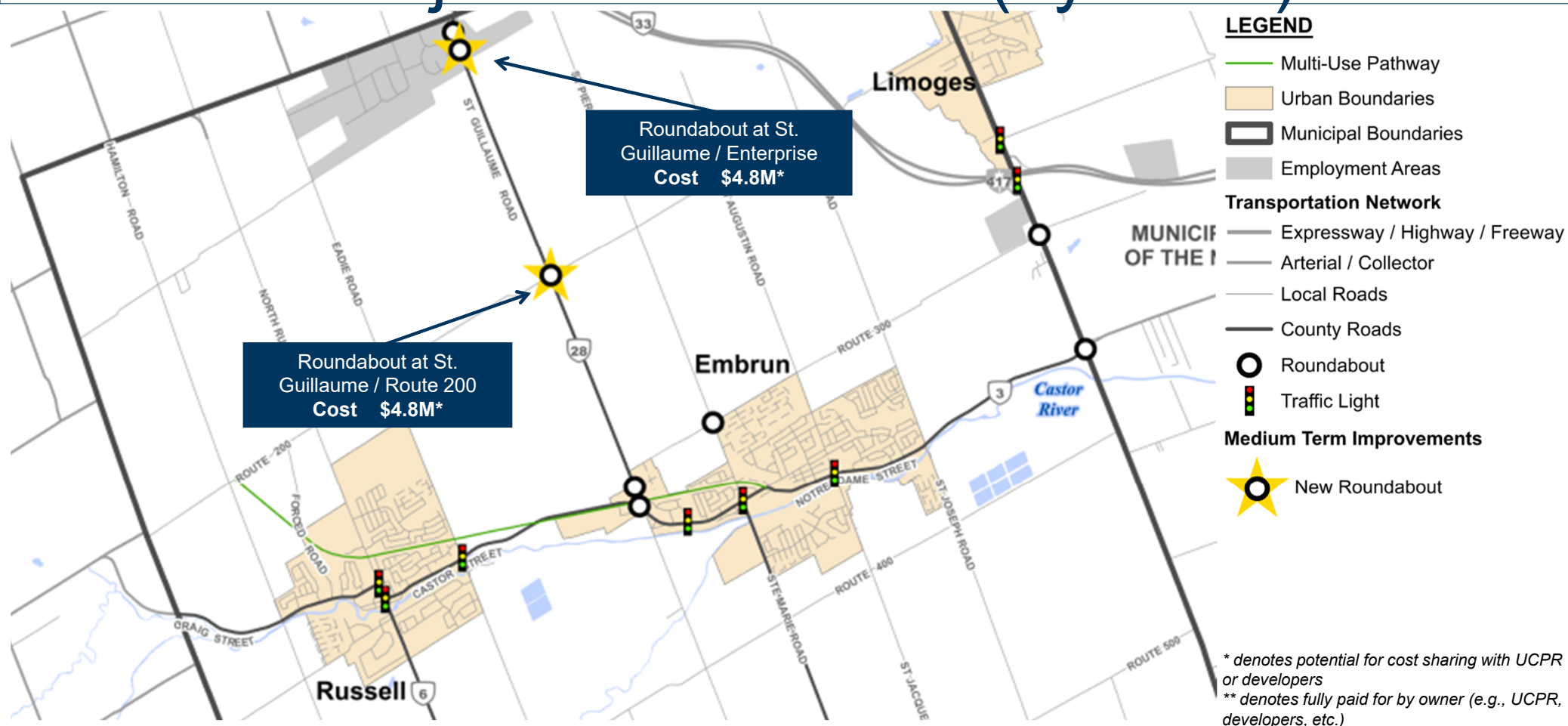
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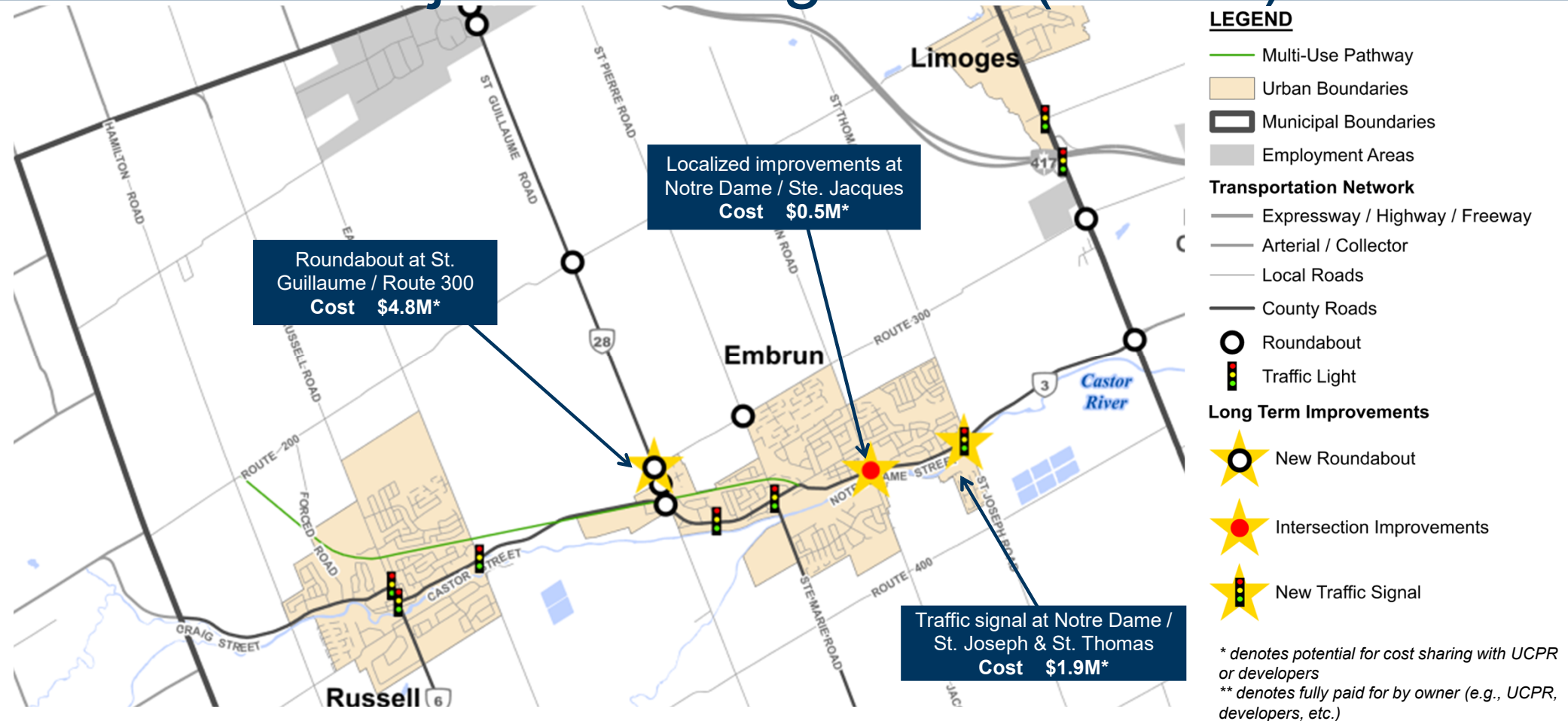
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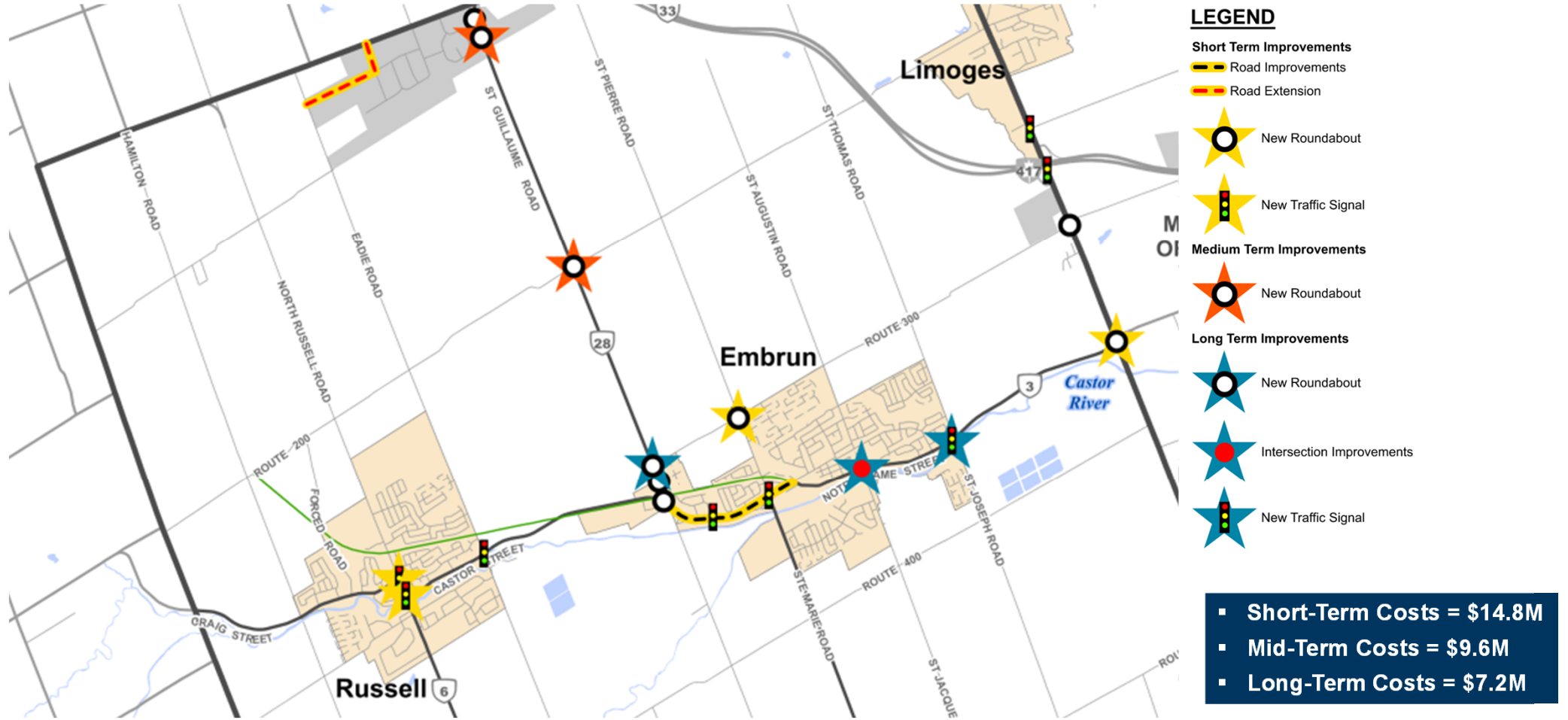
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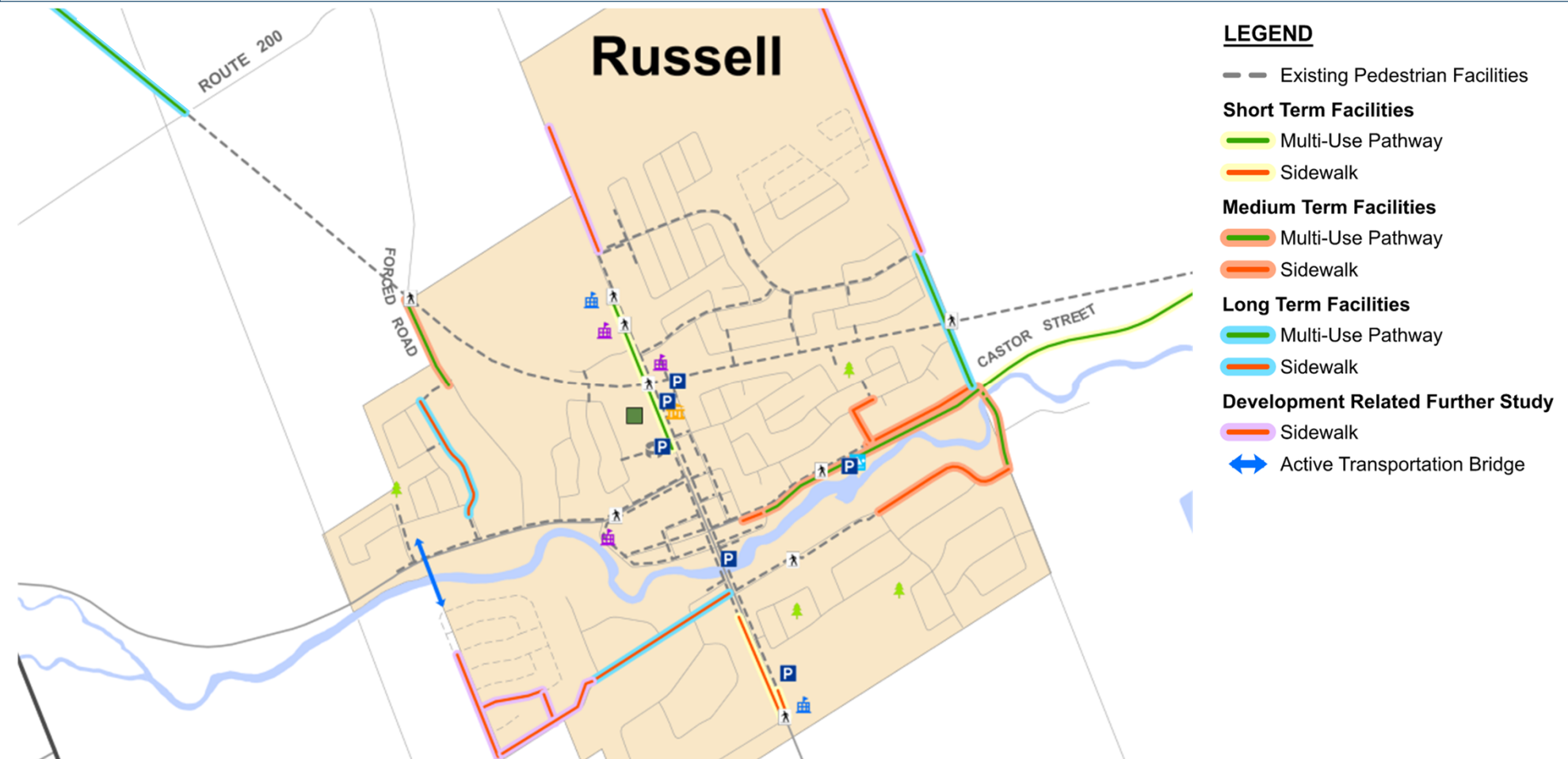
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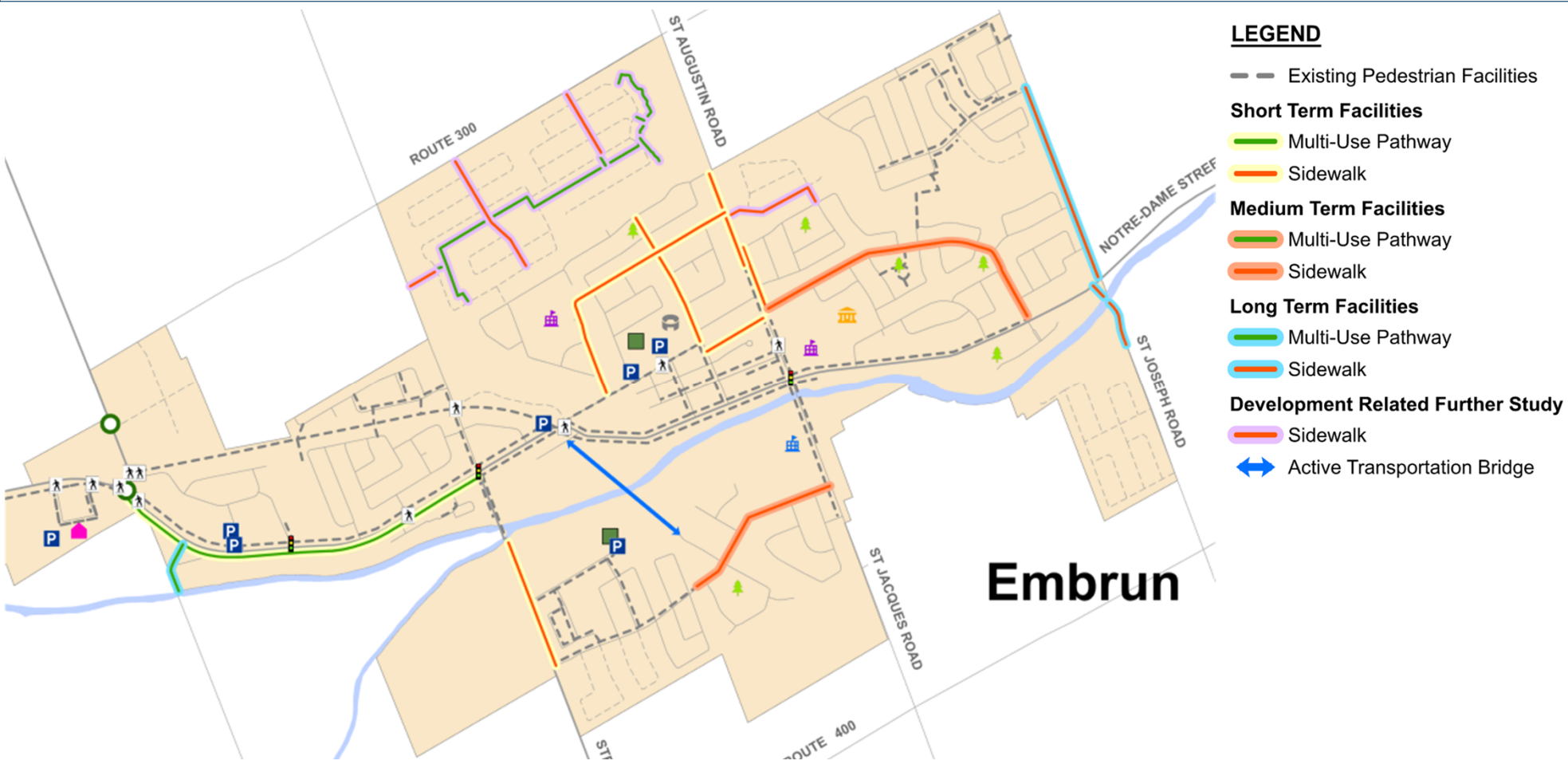
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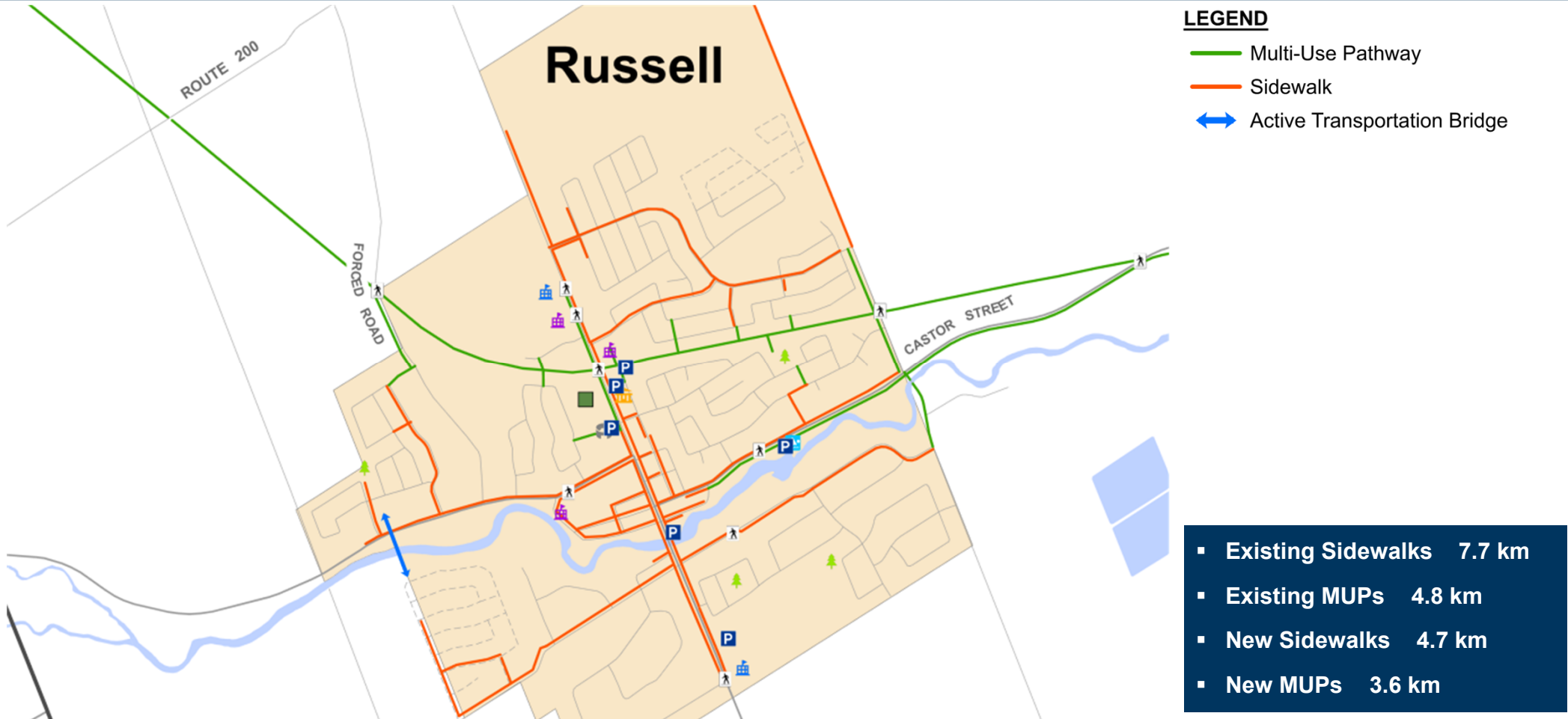


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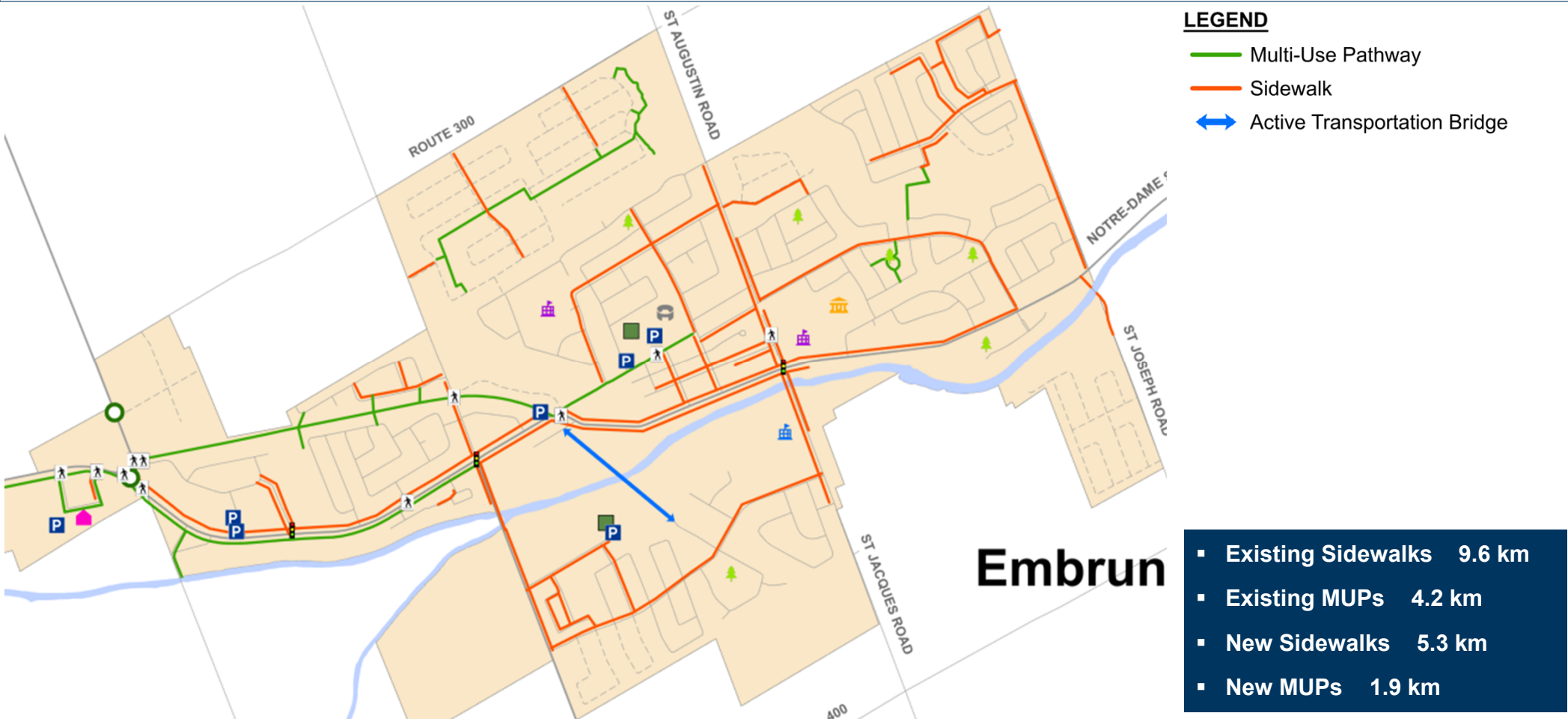
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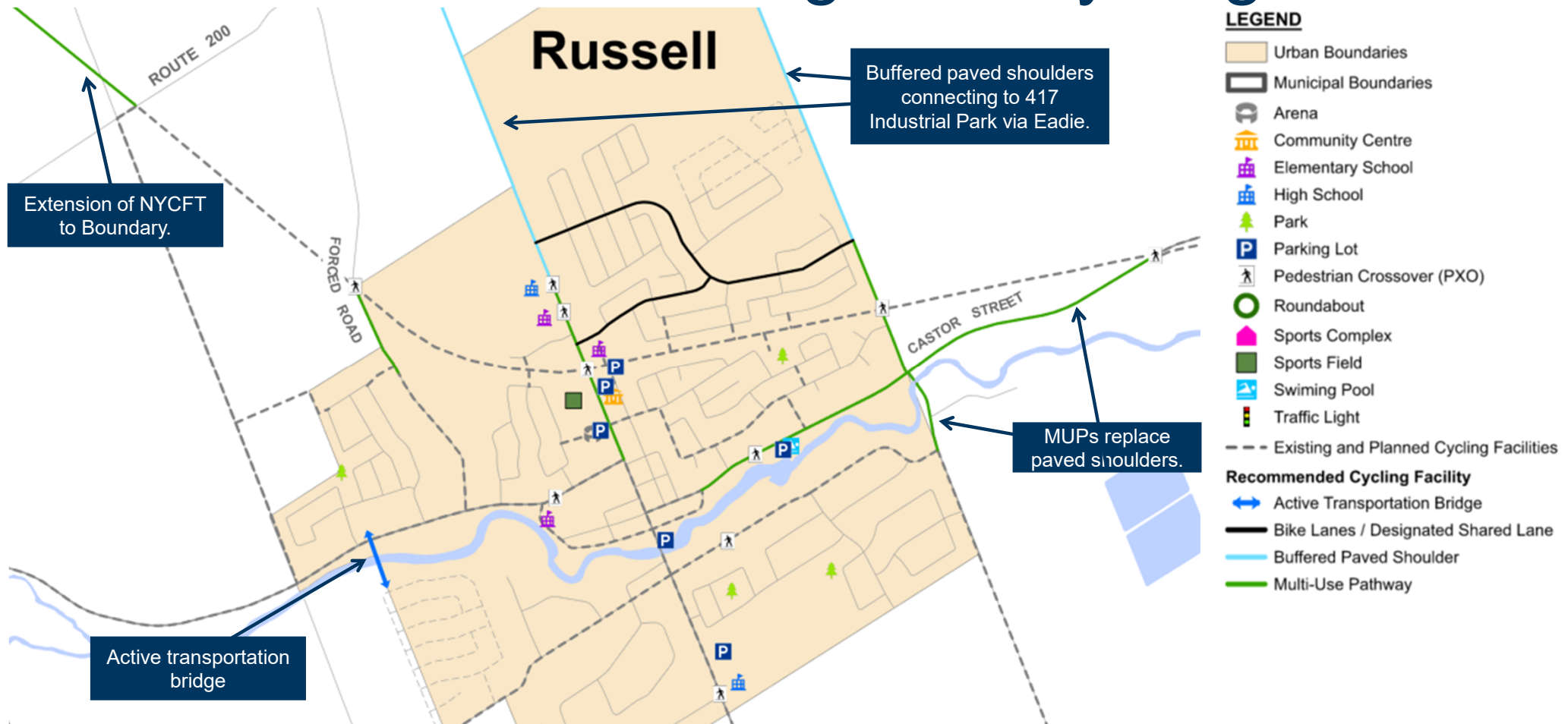
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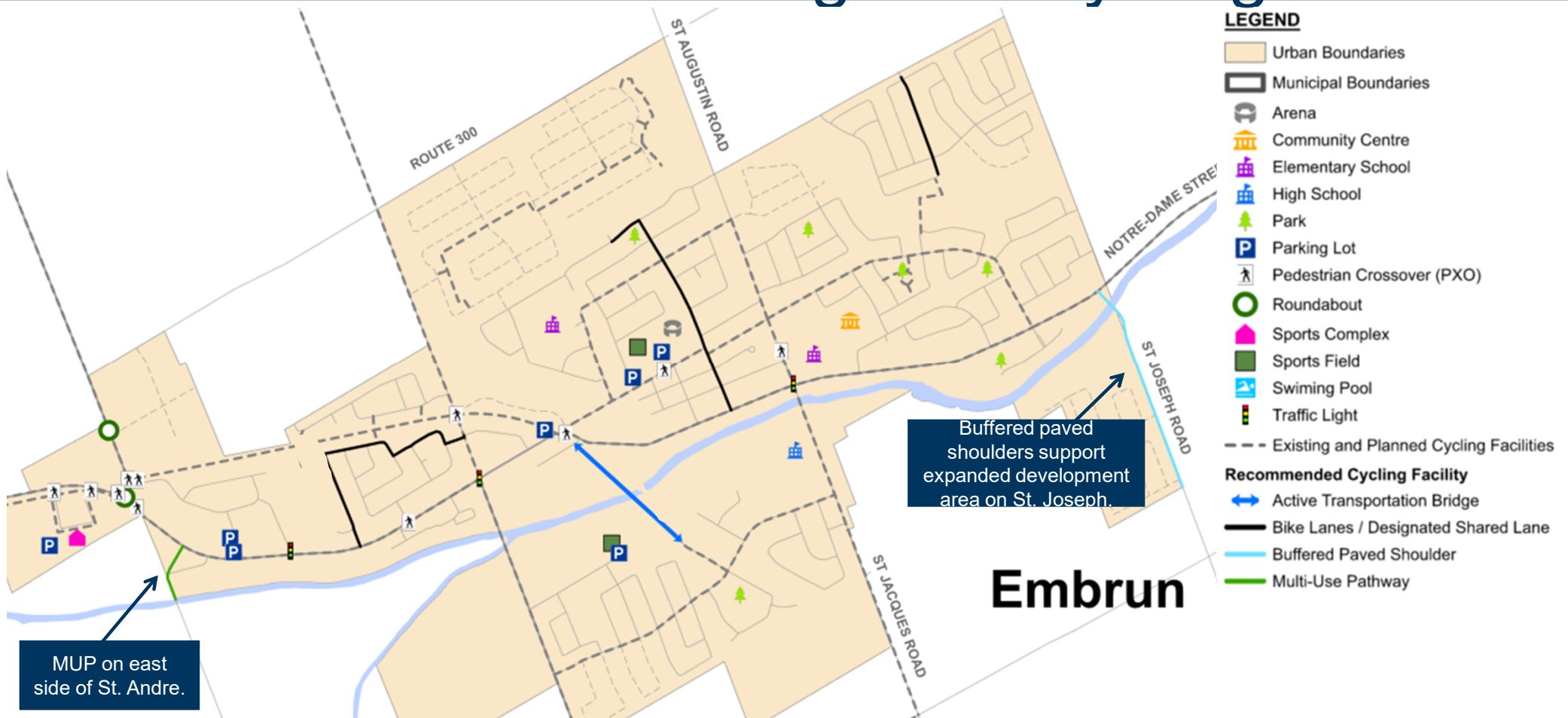
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4. **Deferral of Projects:** Shift to longer term horizons.

Financial Strategy – Dedicated Funding Programs

■ Federal Resources

- Canada Community-Building Fund (formerly Federal Gas Tax Fund)
- Federation of Canadian Municipalities (FCM) - Green Municipal Fund
- Investing in Canada Program Green Infrastructure Stream
- EcoAction Community Funding Program
- Canada Public Transit Fund, including Rural Transit Fund & Active Transportation Fund

■ Provincial Resources

- Ontario Trillium Foundation
- Community Sport and Recreation Infrastructure Fund
- Ontario Active School Travel Fund

Next Steps

- Draft Transportation Master Plan – Early February
- Second Public Information Session – Late February





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Public Information Session 2 Material

Appendix B Turning Movement Count Data

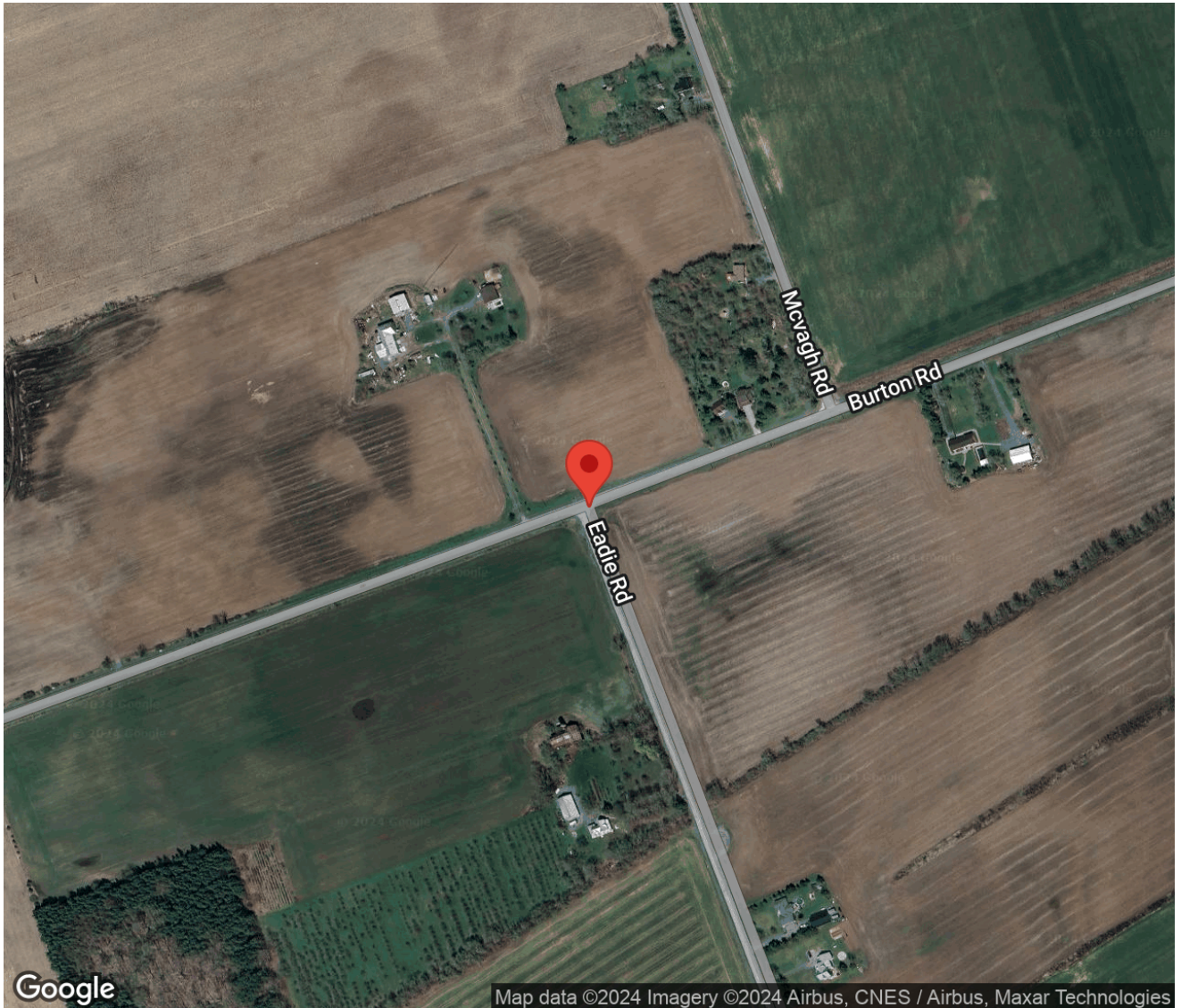
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Eadie Rd & Burton Rd
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700001
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Eadie Rd & Burton Rd
Site Code:	2410700001
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

Eadie Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	29	0	28	1	58	0	58
08:00 - 09:00	0	0	0	0	0	0	8	0	16	0	24	0	24
09:00 - 10:00	0	0	0	0	0	0	17	0	21	0	38	0	38
BREAK													
11:00 - 12:00	0	0	0	0	0	0	6	0	15	0	21	0	21
12:00 - 13:00	0	0	0	0	0	0	11	0	13	0	24	0	24
BREAK													
15:00 - 16:00	0	0	0	0	0	0	5	0	19	0	24	0	24
16:00 - 17:00	0	0	0	0	0	0	8	0	24	0	32	0	32
17:00 - 18:00	0	0	0	0	0	0	7	0	15	0	22	0	22
GRAND TOTAL	0	0	0	0	0	0	91	0	151	1	243	0	243

Traffic Count Summary

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

Burton Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	18	20	0	0	38	0	0	33	5	0	38	0	76
08:00 - 09:00	10	25	0	0	35	0	0	42	2	0	44	0	79
09:00 - 10:00	11	25	0	0	36	0	0	15	3	0	18	0	54
BREAK													
11:00 - 12:00	7	13	0	0	20	0	0	18	4	0	22	0	42
12:00 - 13:00	14	17	0	0	31	0	0	15	3	0	18	0	49
BREAK													
15:00 - 16:00	37	33	0	1	71	0	0	45	22	0	67	0	138
16:00 - 17:00	36	32	0	4	72	0	0	35	29	0	64	0	136
17:00 - 18:00	28	88	0	0	116	0	0	28	29	0	57	0	173
GRAND TOTAL	161	253	0	5	419	0	0	231	97	0	328	0	747

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0
07:15	12	0	3	0	15	0	0	0	0	0	0	0	0	0	0	0
07:30	10	0	11	0	21	0	0	0	0	0	0	0	0	0	0	0
07:45	5	0	9	0	14	0	0	1	1	2	0	0	0	0	0	0
08:00	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0
08:15	1	0	6	0	7	0	0	0	0	0	0	0	0	0	0	0
08:30	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0
09:00	1	0	2	0	3	1	0	1	0	2	0	0	0	0	0	0
09:15	3	0	4	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	7	0	6	0	13	0	0	0	0	0	0	0	0	0	0	0
09:45	5	0	8	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	53	0	63	0	116	1	0	2	1	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
11:15	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	5	0	5	0	0	1	0	1	0	0	0	0	0	0
11:45	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0
12:00	3	0	7	0	10	0	0	0	0	0	0	0	0	0	0	0
12:15	2	0	2	0	4	1	0	0	0	1	0	0	0	0	0	0
12:30	4	0	3	0	7	0	0	0	0	0	0	0	0	0	0	0
12:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	16	0	27	0	43	1	0	1	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0
15:45	4	0	5	0	9	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	8	0	8	0	0	2	0	2	0	0	0	0	0	0
16:15	2	0	6	0	8	0	0	0	0	0	0	0	0	0	0	0
16:30	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0
16:45	4	0	4	0	8	0	0	0	0	0	0	0	0	0	0	0
17:00	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	4	0	5	0	0	1	0	1	0	0	0	0	0	0
17:30	2	0	7	0	9	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	20	0	55	0	75	0	0	3	0	3	0	0	0	0	0	0
GRAND TOTAL	89	0	145	0	234	2	0	6	1	9	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	3	4	0	0	7	0	2	0	0	2	0	0	0	0	0	0
07:15	1	4	0	0	5	0	1	0	0	1	0	0	0	0	0	0
07:30	9	3	0	0	12	1	2	0	0	3	0	0	0	0	0	0
07:45	4	3	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:00	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	0
08:15	3	5	0	0	8	0	2	0	0	2	0	0	0	0	0	0
08:30	3	4	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:45	2	5	0	0	7	0	2	0	0	2	0	0	0	0	0	0
09:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
09:15	3	5	0	0	8	0	1	0	0	1	0	0	0	0	0	0
09:30	4	7	0	0	11	0	1	0	0	1	0	0	0	0	0	0
09:45	4	3	0	0	7	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	38	56	0	0	94	1	14	0	0	15	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	2	1	0	0	3	0	1	0	0	1	0	0	0	0	0	0
11:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	1	2	0	0	3	0	2	0	0	2	0	0	0	0	0	0
11:45	3	4	0	0	7	1	1	0	0	2	0	0	0	0	0	0
12:00	5	3	0	0	8	0	1	0	0	1	0	0	0	0	0	0
12:15	3	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:30	4	5	0	0	9	0	1	0	0	1	0	0	0	0	0	0
12:45	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	20	24	0	0	44	1	6	0	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	4	7	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:15	7	6	0	0	13	0	0	0	0	0	0	0	0	0	0	0
15:30	9	5	0	1	15	1	3	0	0	4	0	0	0	0	0	0
15:45	16	9	0	0	25	0	2	0	0	2	0	0	0	0	0	0
16:00	11	7	0	2	20	0	1	0	0	1	0	0	0	0	0	0
16:15	8	8	0	1	17	0	0	0	0	0	0	0	0	0	0	0
16:30	9	8	0	1	18	0	1	0	0	1	0	0	0	0	0	0
16:45	8	7	0	0	15	0	0	0	0	0	0	0	0	0	0	0
17:00	7	22	0	0	29	0	1	0	0	1	0	0	0	0	0	0
17:15	12	16	0	0	28	0	0	0	0	0	0	0	0	0	0	0
17:30	5	26	0	0	31	0	0	0	0	0	0	0	0	0	0	0
17:45	4	19	0	0	23	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	100	140	0	5	245	1	13	0	0	14	0	0	0	0	0	0
GRAND TOTAL	158	220	0	5	383	3	33	0	0	36	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
07:15	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
07:30	0	7	2	0	9	0	1	1	0	2	0	0	0	0	0	0
07:45	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
08:00	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
08:15	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
08:30	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
08:45	0	4	2	0	6	0	1	0	0	1	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
09:30	0	3	1	0	4	0	1	0	0	1	0	0	0	0	0	0
09:45	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	83	9	0	92	0	7	1	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	5	2	0	7	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
11:30	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
11:45	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	0
12:00	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0
12:15	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
12:30	0	5	1	0	6	0	2	0	0	2	0	0	0	0	0	0
12:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	27	7	0	34	0	6	0	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	7	4	0	11	0	3	0	0	3	0	0	0	0	0	0
15:15	0	12	3	0	15	0	0	0	0	0	0	0	0	0	0	0
15:30	0	10	8	0	18	0	2	0	0	2	0	0	0	0	0	0
15:45	0	9	7	0	16	0	2	0	0	2	0	0	0	0	0	0
16:00	0	5	7	0	12	0	2	0	0	2	0	0	0	0	0	0
16:15	0	10	9	0	19	0	3	0	0	3	0	0	0	0	0	0
16:30	0	8	6	0	14	0	3	0	0	3	0	0	0	0	0	0
16:45	0	4	7	0	11	0	0	0	0	0	0	0	0	0	0	0
17:00	0	9	5	0	14	0	1	0	0	1	0	0	0	0	0	0
17:15	0	5	13	0	18	0	2	0	0	2	0	0	0	0	0	0
17:30	0	8	6	0	14	0	0	0	0	0	0	0	0	0	0	0
17:45	0	2	5	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	89	80	0	169	0	19	0	0	19	0	0	0	0	0	0
GRAND TOTAL	0	199	96	0	295	0	32	1	0	33	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Burton Rd runs E/W

East Approach

	Out	In	Total
	36	74	110
	6	3	9
	0	0	0
	42	77	119

Burton Rd

			Totals
0	0	0	0
0	2	40	42
0	1	3	4




Peds: 0

Peds: 0









Peds: 0

Burton Rd

Totals			
0	0	0	0
23	18	5	0
19	18	1	0




West Approach

	Out	In	Total
	43	34	77
	3	5	8
	0	0	0
	46	39	85


Totals	16	35	1
	16	34	0
	0	1	1
	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	50	21	71
	2	3	5
	0	0	0
	52	24	76

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

	North Approach						South Approach Eadie Rd						East Approach Burton Rd						West Approach Burton Rd						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
07:30					0		10		11	0	0	21	10	5		0	0	15		8	3	0	0	11	47
07:45					0		5		10	1	0	16	4	4		0	0	8		8	1	0	0	9	33
08:00					0		0		8	0	0	8	2	7		0	0	9		11	0	0	0	11	28
08:15					0		1		6	0	0	7	3	7		0	0	10		15	0	0	0	15	32
Grand Total					0	0	16		35	1	0	52	19	23		0	0	42		42	4	0	0	46	140
Approach %					-		30.8		67.3	1.9		-	45.2	54.8		0		-		91.3	8.7	0		-	
Totals %					0		11.4		25	0.7		37.1	13.6	16.4		0		30		30	2.9	0		32.9	
PHF					0		0.4		0.8	0.25		0.62	0.48	0.82		0		0.7		0.7	0.33	0		0.77	0.74
Cars					0		16		34	0		50	18	18		0		36		40	3	0		43	129
% Cars					0		100		97.1	0		96.2	94.7	78.3		0		85.7		95.2	75	0		93.5	92.1
Trucks					0		0		1	1		2	1	5		0		6		2	1	0		3	11
% Trucks					0		0		2.9	100		3.8	5.3	21.7		0		14.3		4.8	25	0		6.5	7.9
Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0
% Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0
Peds					0	-					0	-				0	-					0	-		0
% Peds					0	-					0	-				0	-					0	-		

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:45:00
To: 12:45:00




Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Burton Rd runs E/W

East Approach

	Out	In	Total
	29	27	56
	4	5	9
	0	0	0
	33	32	65

Burton Rd

			Totals
0	0	0	0
0	5	11	16
0	0	4	4




Peds: 0



Peds: 0




Peds: 0




Burton Rd

Totals			
0	0	0	0
17	14	3	0
16	15	1	0

Peds: 0




West Approach

	Out	In	Total
	15	24	39
	5	4	9
	0	0	0
	20	28	48


Totals	11	16	0
	10	16	0
	1	0	0
	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	26	19	45
	1	1	2
	0	0	0
	27	20	47

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:45 - 12:45)

	North Approach						South Approach Eadie Rd						East Approach Burton Rd						West Approach Burton Rd						Total Vehicl es
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:45					0		1		4	0	0	5	4	5		0	0	9		3	1	0	0	4	18
12:00					0		3		7	0	0	10	5	4		0	0	9		3	0	0	0	3	22
12:15					0		3		2	0	0	5	3	2		0	0	5		3	2	0	0	5	15
12:30					0		4		3	0	0	7	4	6		0	0	10		7	1	0	0	8	25
Grand Total					0	0	11		16	0	0	27	16	17		0	0	33		16	4	0	0	20	80
Approach %					-		40.7		59.3	0		-	48.5	51.5		0		-		80	20	0		-	
Totals %					0		13.8		20	0		33.8	20	21.3		0		41.3		20	5	0		25	
PHF					0		0.69		0.57	0		0.68	0.8	0.71		0		0.83		0.57	0.5	0		0.63	0.8
Cars					0		10		16	0		26	15	14		0		29		11	4	0		15	70
% Cars					0		90.9		100	0		96.3	93.8	82.4		0		87.9		68.8	100	0		75	87.5
Trucks					0		1		0	0		1	1	3		0		4		5	0	0		5	10
% Trucks					0		9.1		0	0		3.7	6.3	17.6		0		12.1		31.3	0	0		25	12.5
Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0
% Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 17:00:00
To: 18:00:00




Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Burton Rd runs E/W

East Approach

	Out	In	Total
	111	38	149
	5	5	10
	0	0	0
	116	43	159

Burton Rd

			Totals
0	0	0	0
0	4	24	28
0	0	29	29




Peds: 0



Peds: 0




Peds: 0







Burton Rd

Totals			
0	0	0	0
88	83	5	0
28	28	0	0

Peds: 0




West Approach

	Out	In	Total
	53	90	143
	4	5	9
	0	0	0
	57	95	152


Totals			
	7	14	0
	0	1	0
	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	21	57	78
	1	0	1
	0	0	0
	22	57	79

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Burton Rd
Site Code: 2410700001
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (17:00 - 18:00)

	North Approach						South Approach Eadie Rd						East Approach Burton Rd						West Approach Burton Rd						Total Vehicl es		
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total			
17:00					0		2		2	0	0	4	7	23		0	0	30		10	5	0	0	15	49		
17:15					0		1		5	0	0	6	12	16		0	0	28		7	13	0	0	20	54		
17:30					0		2		7	0	0	9	5	26		0	0	31		8	6	0	0	14	54		
17:45					0		2		1	0	0	3	4	23		0	0	27		3	5	0	0	8	38		
Grand Total					0	0	7		15	0	0	22	28	88		0	0	116		28	29	0	0	57	195		
Approach %					-		31.8		68.2	0		-	24.1	75.9		0		-		49.1	50.9	0		-			
Totals %					0		3.6		7.7	0		11.3	14.4	45.1		0		59.5		14.4	14.9	0		29.2			
PHF					0		0.88		0.54	0		0.61	0.58	0.85		0		0.94		0.7	0.56	0		0.71	0.9		
Cars					0		7		14	0		21	28	83		0		111		24	29	0		53	185		
% Cars					0		100		93.3	0		95.5	100	94.3		0		95.7		85.7	100	0		93	94.9		
Trucks					0		0		1	0		1	0	5		0		5		4	0	0		4	10		
% Trucks					0		0		6.7	0		4.5	0	5.7		0		4.3		14.3	0	0		7	5.1		
Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0		
% Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0		
Peds					0	-					0	-					0	-					0	-			0
% Peds					0	-					0	-					0	-					0	-			

Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection:	Eadie Rd & Route 200
Municipality:	Russell Twp
Count Date:	Thursday, Mar 21, 2024
Site Code:	2410700002
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-10:00, 11:00-13:00, 15:00-18:00
Weather:	Clear
Comments:	

Traffic Count Map

Intersection:	Eadie Rd & Route 200
Site Code:	2410700002
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

Eadie Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	16	6	0	24	0	8	67	16	0	91	0	115
08:00 - 09:00	1	8	4	0	13	0	8	41	6	0	55	0	68
09:00 - 10:00	1	10	3	0	14	0	4	16	5	0	25	0	39
BREAK													
11:00 - 12:00	4	15	2	0	21	0	6	23	1	0	30	0	51
12:00 - 13:00	2	22	2	0	26	0	1	20	3	0	24	0	50
BREAK													
15:00 - 16:00	1	47	3	0	51	0	5	23	3	0	31	0	82
16:00 - 17:00	3	52	5	0	60	0	8	25	2	0	35	0	95
17:00 - 18:00	1	34	2	0	37	0	8	20	3	0	31	0	68
GRAND TOTAL	15	204	27	0	246	0	48	235	39	0	322	0	568

Traffic Count Summary

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

Route 200 - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	6	22	0	0	28	0	3	18	3	0	24	0	52
08:00 - 09:00	5	18	2	0	25	0	1	16	5	0	22	0	47
09:00 - 10:00	4	25	0	0	29	0	4	10	6	0	20	0	49
BREAK													
11:00 - 12:00	4	19	1	0	24	0	4	18	6	0	28	0	52
12:00 - 13:00	3	21	0	0	24	0	1	23	5	0	29	0	53
BREAK													
15:00 - 16:00	8	24	3	0	35	0	4	28	8	0	40	0	75
16:00 - 17:00	7	21	3	0	31	0	6	33	13	0	52	0	83
17:00 - 18:00	5	14	1	0	20	0	1	14	5	0	20	0	40
GRAND TOTAL	42	164	10	0	216	0	24	160	51	0	235	0	451

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
07:15	0	3	1	0	4	0	2	1	0	3	0	0	0	0	0	0
07:30	0	4	2	0	6	0	0	1	0	1	0	0	0	0	0	0
07:45	2	5	1	0	8	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
08:30	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
08:45	0	3	1	0	4	0	0	1	0	1	0	0	0	0	0	0
09:00	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
09:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
09:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	32	10	0	46	0	2	3	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:15	2	5	1	0	8	0	0	0	0	0	0	0	0	0	0	0
11:30	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
11:45	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0
12:00	2	5	1	0	8	0	0	0	0	0	0	0	0	0	0	0
12:15	0	8	1	0	9	0	1	0	0	1	0	0	0	0	0	0
12:30	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	35	4	0	45	0	2	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0
15:15	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
15:30	0	19	1	0	20	0	0	0	0	0	0	0	0	0	0	0
15:45	1	11	1	0	13	0	0	0	0	0	0	0	0	0	0	0
16:00	0	10	2	0	12	0	0	0	0	0	0	0	0	0	0	0
16:15	1	16	1	0	18	0	0	0	0	0	0	0	0	0	0	0
16:30	2	15	0	0	17	0	0	0	0	0	0	0	0	0	0	0
16:45	0	11	2	0	13	0	0	0	0	0	0	0	0	0	0	0
17:00	1	15	1	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	11	0	0	11	0	0	1	0	1	0	0	0	0	0	0
17:45	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	5	133	9	0	147	0	0	1	0	1	0	0	0	0	0	0
GRAND TOTAL	15	200	23	0	238	0	4	4	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	15	3	0	19	0	1	0	0	1	0	0	0	0	0	0
07:15	2	15	5	0	22	0	0	1	0	1	0	0	0	0	0	0
07:30	4	24	0	0	28	1	1	2	0	4	0	0	0	0	0	0
07:45	0	10	4	0	14	0	1	1	0	2	0	0	0	0	0	0
08:00	3	15	3	0	21	0	0	0	0	0	0	0	0	0	0	0
08:15	2	11	0	0	13	0	0	0	0	0	0	0	0	0	0	0
08:30	1	5	2	0	8	0	0	0	0	0	0	0	0	0	0	0
08:45	2	10	1	0	13	0	0	0	0	0	0	0	0	0	0	0
09:00	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:15	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	2	2	1	0	5	0	0	1	0	1	0	0	0	0	0	0
09:45	0	8	2	0	10	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	19	121	21	0	161	1	3	6	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
11:15	4	5	1	0	10	0	0	0	0	0	0	0	0	0	0	0
11:30	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
12:00	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
12:15	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
12:45	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	42	4	0	53	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
15:15	3	7	0	0	10	0	0	0	0	0	0	0	0	0	0	0
15:30	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	1	7	1	0	9	0	0	0	0	0	0	0	0	0	0	0
16:00	1	5	0	0	6	0	0	1	0	1	0	0	0	0	0	0
16:15	1	7	0	0	8	1	0	0	0	1	0	0	0	0	0	0
16:30	1	7	1	0	9	0	0	0	0	0	0	0	0	0	0	0
16:45	4	6	0	0	10	0	0	0	0	0	0	0	0	0	0	0
17:00	4	5	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:15	2	9	2	0	13	0	0	0	0	0	0	0	0	0	0	0
17:30	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	20	68	7	0	95	1	0	1	0	2	0	0	0	0	0	0
GRAND TOTAL	46	231	32	0	309	2	4	7	0	13	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
07:15	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
07:30	1	4	0	0	5	3	1	0	0	4	0	0	0	0	0	0
07:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
08:00	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	0
08:15	0	5	1	0	6	0	1	0	0	1	0	0	0	0	0	0
08:30	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
08:45	2	1	1	0	4	1	0	0	0	1	0	0	0	0	0	0
09:00	2	6	0	0	8	1	2	0	0	3	0	0	0	0	0	0
09:15	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
09:30	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	56	2	0	68	5	9	0	0	14	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	1	3	0	0	4	1	1	0	0	2	0	0	0	0	0	0
11:30	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
11:45	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:15	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	6	38	1	0	45	1	2	0	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	3	1	0	5	0	1	0	0	1	0	0	0	0	0	0
15:15	2	6	1	0	9	0	0	0	0	0	0	0	0	0	0	0
15:30	3	5	1	0	9	0	0	0	0	0	0	0	0	0	0	0
15:45	2	7	0	0	9	0	2	0	0	2	0	0	0	0	0	0
16:00	0	3	2	0	5	0	1	0	0	1	0	0	0	0	0	0
16:15	3	7	0	0	10	2	0	0	0	2	0	0	0	0	0	0
16:30	1	7	1	0	9	0	0	0	0	0	0	0	0	0	0	0
16:45	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:00	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
17:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:30	3	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	18	55	7	0	80	2	4	0	0	6	0	0	0	0	0	0
GRAND TOTAL	34	149	10	0	193	8	15	0	0	23	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
07:15	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:30	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
07:45	1	3	2	0	6	0	3	0	0	3	0	0	0	0	0	0
08:00	0	3	2	0	5	0	2	0	0	2	0	0	0	0	0	0
08:15	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
08:30	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
08:45	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	0	4	3	0	7	0	0	1	0	1	0	0	0	0	0	0
09:15	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:45	2	2	1	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	39	13	0	60	0	5	1	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	1	3	2	0	6	0	0	0	0	0	0	0	0	0	0	0
11:30	2	4	2	0	8	0	0	0	0	0	0	0	0	0	0	0
11:45	0	7	2	0	9	0	0	0	0	0	0	0	0	0	0	0
12:00	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0
12:15	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
12:30	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
12:45	1	5	2	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	5	40	11	0	56	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	5	6	0	11	0	2	0	0	2	0	0	0	0	0	0
15:15	2	8	0	0	10	0	0	0	0	0	0	0	0	0	0	0
15:30	1	7	1	0	9	0	0	0	0	0	0	0	0	0	0	0
15:45	1	6	1	0	8	0	0	0	0	0	0	0	0	0	0	0
16:00	2	15	3	0	20	0	0	1	0	1	0	0	0	0	0	0
16:15	2	6	2	0	10	1	1	0	0	2	0	0	0	0	0	0
16:30	1	7	4	0	12	0	1	0	0	1	0	0	0	0	0	0
16:45	0	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0
17:00	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
17:30	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	70	25	0	105	1	5	1	0	7	0	0	0	0	0	0
GRAND TOTAL	23	149	49	0	221	1	11	2	0	14	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Eadie Rd runs N/S

North Approach




	Out	In	Total
	19	67	86
	4	2	6
	0	0	0
Totals	23	69	92

Eadie Rd




	0	0	0	0
	2	2	0	0
	4	12	3	0
Totals	6	14	3	0










East Approach

	Out	In	Total
	21	32	53
	7	9	16
	0	0	0
Totals	28	41	69

Route 200

				Totals
	0	0	0	0
	0	0	3	3
	0	5	17	22
	0	0	4	4

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Route 200

Totals			
0	0	0	0
0	0	0	0
23	19	4	0
5	2	3	0




West Approach

	Out	In	Total
	24	32	56
	5	7	12
	0	0	0
Totals	29	39	68


				
Totals	10	66	16	0
	9	64	12	0
	1	2	4	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	85	18	103
	7	5	12
	0	0	0
Totals	92	23	115

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Route 200						West Approach Route 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	0	5	2	0	0	7	2	15	6	0	0	23	0	9	0	0	0	9	1	6	0	0	0	7	46
07:30	0	4	3	0	0	7	5	25	2	0	0	32	4	5	0	0	0	9	1	5	0	0	0	6	54
07:45	2	5	1	0	0	8	0	11	5	0	0	16	1	4	0	0	0	5	1	6	2	0	0	9	38
08:00	1	0	0	0	0	1	3	15	3	0	0	21	0	5	0	0	0	5	0	5	2	0	0	7	34
Grand Total	3	14	6	0	0	23	10	66	16	0	0	92	5	23	0	0	0	28	3	22	4	0	0	29	172
Approach %	13	60.9	26.1	0	-	-	10.9	71.7	17.4	0	-	-	17.9	82.1	0	0	-	-	10.3	75.9	13.8	0	-	-	-
Totals %	1.7	8.1	3.5	0	-	13.4	5.8	38.4	9.3	0	-	53.5	2.9	13.4	0	0	-	16.3	1.7	12.8	2.3	0	-	16.9	-
PHF	0.38	0.7	0.5	0	-	0.72	0.5	0.66	0.67	0	-	0.72	0.31	0.64	0	0	-	0.78	0.75	0.92	0.5	0	-	0.81	0.8
Cars	3	12	4	0	-	19	9	64	12	0	-	85	2	19	0	0	-	21	3	17	4	0	-	24	149
% Cars	100	85.7	66.7	0	-	82.6	90	97	75	0	-	92.4	40	82.6	0	0	-	75	100	77.3	100	0	-	82.8	86.6
Trucks	0	2	2	0	-	4	1	2	4	0	-	7	3	4	0	0	-	7	0	5	0	0	-	5	23
% Trucks	0	14.3	33.3	0	-	17.4	10	3	25	0	-	7.6	60	17.4	0	0	-	25	0	22.7	0	0	-	17.2	13.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Eadie Rd runs N/S

North Approach




	Out	In	Total
	25	22	47
	1	1	2
	0	0	0
Totals	26	23	49

Eadie Rd








	0	0	0	0
	0	1	0	0
	3	17	5	0
Totals	3	18	5	0

East Approach

	Out	In	Total
	23	27	50
	2	0	2
	0	0	0
Totals	25	27	52

Route 200

				Totals
	0	0	0	0
	0	0	3	3
	0	0	20	20
	0	0	7	7

Peds: 0








Peds: 0






Peds: 0








Peds: 0

Route 200

Totals			
	0	0	0
	1	1	0
	20	19	1
	4	3	1




West Approach

	Out	In	Total
	30	27	57
	0	1	1
	0	0	0
Totals	30	28	58


Totals				
	5	18	2	0
	0	1	0	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	25	27	52
	1	2	3
	0	0	0
Totals	26	29	55

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Route 200						West Approach Route 200						Total Vehicles	
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total		
11:15	2	5	1	0	0	8	4	5	1	0	0	10	2	4	0	0	0	6	1	3	2	0	0	6	30	
11:30	0	6	0	0	0	6	1	4	0	0	0	5	0	5	1	0	0	6	2	4	2	0	0	8	25	
11:45	1	2	1	0	0	4	0	5	0	0	0	5	2	5	0	0	0	7	0	7	2	0	0	9	25	
12:00	2	5	1	0	0	8	0	5	1	0	0	6	0	6	0	0	0	6	0	6	1	0	0	7	27	
Grand Total	5	18	3	0	0	26	5	19	2	0	0	26	4	20	1	0	0	25	3	20	7	0	0	30	107	
Approach %	19.2	69.2	11.5	0	-	-	19.2	73.1	7.7	0	-	-	16	80	4	0	-	-	10	66.7	23.3	0	-	-	-	
Totals %	4.7	16.8	2.8	0	-	24.3	4.7	17.8	1.9	0	-	24.3	3.7	18.7	0.9	0	-	23.4	2.8	18.7	6.5	0	-	-	28	
PHF	0.63	0.75	0.75	0	-	0.81	0.31	0.95	0.5	0	-	0.65	0.5	0.83	0.25	0	-	0.89	0.38	0.71	0.88	0	-	-	0.83	0.89
Cars	5	17	3	0	-	25	5	18	2	0	-	25	3	19	1	0	-	23	3	20	7	0	-	30	103	
% Cars	100	94.4	100	0	-	96.2	100	94.7	100	0	-	96.2	75	95	100	0	-	92	100	100	100	0	-	100	96.3	
Trucks	0	1	0	0	-	1	0	1	0	0	-	1	1	1	0	0	-	2	0	0	0	0	-	0	4	
% Trucks	0	5.6	0	0	-	3.8	0	5.3	0	0	-	3.8	25	5	0	0	-	8	0	0	0	0	-	0	3.7	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0	
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Eadie Rd runs N/S

North Approach




	Out	In	Total
	60	35	95
	0	1	1
	0	0	0
Totals	60	36	96

Eadie Rd








	0	0	0	0
	0	0	0	0
	4	52	4	0
Totals	4	52	4	0

East Approach

	Out	In	Total
	33	40	73
	5	3	8
	0	0	0
Totals	38	43	81

Route 200

				Totals
	0	0	0	0
	0	1	6	7
	0	2	34	36
	0	1	10	11








Peds: 0

Peds: 0






Peds: 0








Route 200

Totals			
	0	0	0
	3	3	0
	27	24	3
	8	6	2

Peds: 0




West Approach

	Out	In	Total
	50	32	82
	4	4	8
	0	0	0
Totals	54	36	90


Totals				
	4	26	2	0
	1	0	1	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	32	68	100
	2	3	5
	0	0	0
Totals	34	71	105

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Eadie Rd & Route 200
Site Code: 2410700002
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

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

	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Route 200						West Approach Route 200						Total Vehicl es	
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total		
15:45	1	11	1	0	0	13	1	7	1	0	0	9	2	9	0	0	0	11	1	6	1	0	0	8	41	
16:00	0	10	2	0	0	12	1	5	1	0	0	7	0	4	2	0	0	6	2	15	4	0	0	21	46	
16:15	1	16	1	0	0	18	2	7	0	0	0	9	5	7	0	0	0	12	3	7	2	0	0	12	51	
16:30	2	15	0	0	0	17	1	7	1	0	0	9	1	7	1	0	0	9	1	8	4	0	0	13	48	
Grand Total	4	52	4	0	0	60	5	26	3	0	0	34	8	27	3	0	0	38	7	36	11	0	0	54	186	
Approach %	6.7	86.7	6.7	0	-	-	14.7	76.5	8.8	0	-	-	21.1	71.1	7.9	0	-	-	13	66.7	20.4	0	-	-	-	
Totals %	2.2	28	2.2	0	-	32.3	2.7	14	1.6	0	-	18.3	4.3	14.5	1.6	0	-	20.4	3.8	19.4	5.9	0	-	-	29	
PHF	0.5	0.81	0.5	0	-	0.83	0.63	0.93	0.75	0	-	0.94	0.4	0.75	0.38	0	-	0.79	0.58	0.6	0.69	0	-	-	0.64	0.91
Cars	4	52	4	0	-	60	4	26	2	0	-	32	6	24	3	0	-	33	6	34	10	0	-	50	175	
% Cars	100	100	100	0	-	100	80	100	66.7	0	-	94.1	75	88.9	100	0	-	86.8	85.7	94.4	90.9	0	-	92.6	94.1	
Trucks	0	0	0	0	-	0	1	0	1	0	-	2	2	3	0	0	-	5	1	2	1	0	-	4	11	
% Trucks	0	0	0	0	-	0	20	0	33.3	0	-	5.9	25	11.1	0	0	-	13.2	14.3	5.6	9.1	0	-	7.4	5.9	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0	
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	

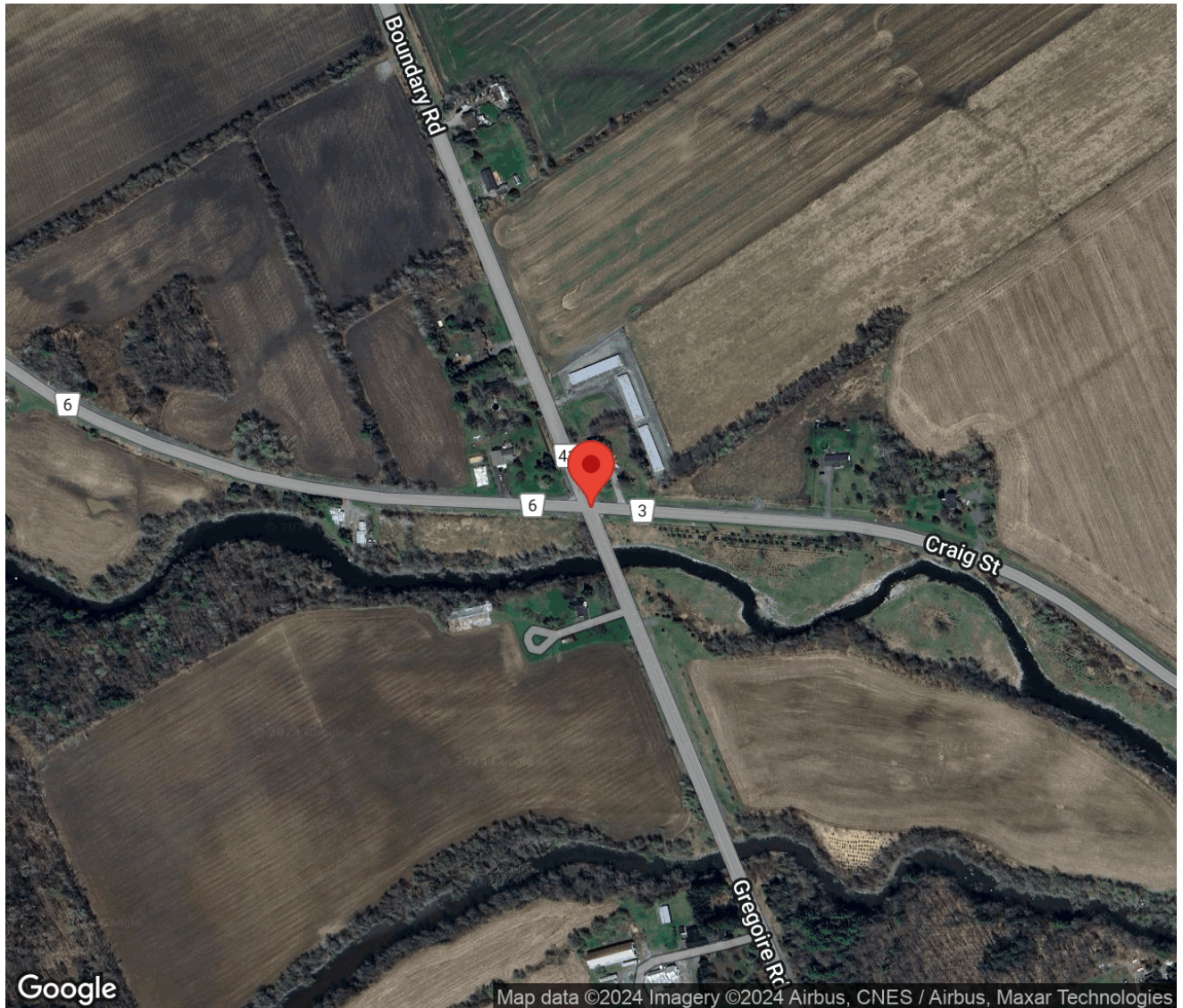
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700003
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code:	2410700003
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Municipality: Russell Twp
Count Date: Mar 21, 2024

Boundary Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	50	68	0	0	118	0	20	155	20	0	195	0	313
08:00 - 09:00	39	43	1	0	83	0	10	91	16	0	117	0	200
09:00 - 10:00	46	45	1	0	92	0	9	71	22	0	102	0	194
BREAK													
11:00 - 12:00	61	32	0	0	93	0	3	54	13	0	70	0	163
12:00 - 13:00	58	45	1	0	104	0	3	49	8	0	60	0	164
BREAK													
15:00 - 16:00	138	132	1	0	271	0	4	50	24	0	78	0	349
16:00 - 17:00	206	174	0	0	380	0	6	64	20	0	90	0	470
17:00 - 18:00	160	123	1	0	284	0	13	45	13	0	71	0	355
GRAND TOTAL	758	662	5	0	1425	0	68	579	136	0	783	0	2208

Traffic Count Summary

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Municipality: Russell Twp
Count Date: Mar 21, 2024

Craig St - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	11	80	205	0	296	0	2	40	4	0	46	0	342
08:00 - 09:00	21	89	130	0	240	0	1	64	10	0	75	0	315
09:00 - 10:00	15	60	95	0	170	0	1	75	5	0	81	0	251
BREAK													
11:00 - 12:00	17	76	55	0	148	0	0	59	1	0	60	0	208
12:00 - 13:00	17	76	48	0	141	0	1	71	2	0	74	0	215
BREAK													
15:00 - 16:00	22	97	43	0	162	0	0	121	11	0	132	0	294
16:00 - 17:00	27	87	63	0	177	0	0	142	24	0	166	0	343
17:00 - 18:00	22	78	41	0	141	0	0	103	16	0	119	0	260
GRAND TOTAL	152	643	680	0	1475	0	5	675	73	0	753	0	2228

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Boundary Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	5	8	0	0	13	1	3	0	0	4	0	0	0	0	0	0
07:15	9	12	0	0	21	0	0	0	0	0	0	0	0	0	0	0
07:30	19	22	0	0	41	1	3	0	0	4	0	0	0	0	0	0
07:45	13	17	0	0	30	2	3	0	0	5	0	0	0	0	0	0
08:00	12	8	0	0	20	1	1	0	0	2	0	0	0	0	0	0
08:15	5	9	0	0	14	0	0	0	0	0	0	0	0	0	0	0
08:30	9	13	1	0	23	0	4	0	0	4	0	0	0	0	0	0
08:45	11	8	0	0	19	1	0	0	0	1	0	0	0	0	0	0
09:00	8	6	0	0	14	2	3	0	0	5	0	0	0	0	0	0
09:15	11	5	0	0	16	0	5	0	0	5	0	0	0	0	0	0
09:30	13	14	1	0	28	1	0	0	0	1	0	0	0	0	0	0
09:45	10	11	0	0	21	1	1	0	0	2	0	0	0	0	0	0
SUBTOTAL	125	133	2	0	260	10	23	0	0	33	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Boundary Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	14	3	0	0	17	0	1	0	0	1	0	0	0	0	0	0
11:15	12	9	0	0	21	0	4	0	0	4	0	0	0	0	0	0
11:30	19	8	0	0	27	0	1	0	0	1	0	0	0	0	0	0
11:45	15	6	0	0	21	1	0	0	0	1	0	0	0	0	0	0
12:00	13	8	0	0	21	0	2	0	0	2	0	0	0	0	0	0
12:15	17	8	1	0	26	1	2	0	0	3	0	0	0	0	0	0
12:30	12	10	0	0	22	1	2	0	0	3	0	0	0	0	0	0
12:45	14	9	0	0	23	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	116	61	1	0	178	3	16	0	0	19	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Boundary Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	32	20	0	0	52	0	0	0	0	0	0	0	0	0	0	0
15:15	31	34	0	0	65	0	1	0	0	1	0	0	0	0	0	0
15:30	33	33	0	0	66	1	0	1	0	2	0	0	0	0	0	0
15:45	41	43	0	0	84	0	1	0	0	1	0	0	0	0	0	0
16:00	44	35	0	0	79	0	0	0	0	0	0	0	0	0	0	0
16:15	54	42	0	0	96	1	0	0	0	1	0	0	0	0	0	0
16:30	55	54	0	0	109	0	1	0	0	1	0	0	0	0	0	0
16:45	52	42	0	0	94	0	0	0	0	0	0	0	0	0	0	0
17:00	51	30	0	0	81	0	1	0	0	1	0	0	0	0	0	0
17:15	40	29	1	0	70	0	1	0	0	1	0	0	0	0	0	0
17:30	37	28	0	0	65	0	0	0	0	0	0	0	0	0	0	0
17:45	32	32	0	0	64	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	502	422	1	0	925	2	7	1	0	10	0	0	0	0	0	0
GRAND TOTAL	743	616	4	0	1363	15	46	1	0	62	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Gregoire Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	3	37	2	0	42	0	0	0	0	0	0	0	0	0	0	0
07:15	5	42	6	0	53	0	0	0	0	0	0	0	0	0	0	0
07:30	3	37	5	0	45	0	0	2	0	2	0	0	0	0	0	0
07:45	9	38	4	0	51	0	1	1	0	2	0	0	0	0	0	0
08:00	4	25	2	0	31	0	1	0	0	1	0	0	0	0	0	0
08:15	1	24	4	0	29	0	2	0	0	2	0	0	0	0	0	0
08:30	4	27	6	0	37	0	1	0	0	1	0	0	0	0	0	0
08:45	1	10	4	0	15	0	1	0	0	1	0	0	0	0	0	0
09:00	4	17	3	0	24	0	2	1	0	3	0	0	0	0	0	0
09:15	2	15	8	0	25	0	4	0	0	4	0	0	0	0	0	0
09:30	1	19	4	0	24	0	0	0	0	0	0	0	0	0	0	0
09:45	2	10	6	0	18	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	39	301	54	0	394	0	16	4	0	20	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Gregoire Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	10	2	0	13	0	3	0	0	3	0	0	0	0	0	0
11:15	2	12	2	0	16	0	0	0	0	0	0	0	0	0	0	0
11:30	0	12	5	0	17	0	1	1	0	2	0	0	0	0	0	0
11:45	0	15	3	0	18	0	1	0	0	1	0	0	0	0	0	0
12:00	0	19	2	0	21	0	0	0	0	0	0	0	0	0	0	0
12:15	2	7	3	0	12	0	1	0	0	1	0	0	0	0	0	0
12:30	0	9	1	0	10	0	1	0	0	1	0	0	0	0	0	0
12:45	1	10	2	0	13	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	6	94	20	0	120	0	9	1	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Gregoire Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	1	10	9	0	20	0	1	0	0	1	0	0	0	0	0	0
15:15	1	14	8	0	23	0	4	0	0	4	0	0	0	0	0	0
15:30	0	7	3	0	10	0	0	1	0	1	0	0	0	0	0	0
15:45	2	12	3	0	17	0	2	0	0	2	0	0	0	0	0	0
16:00	0	20	7	0	27	0	1	0	0	1	0	0	0	0	0	0
16:15	4	11	5	0	20	1	1	0	0	2	0	0	0	0	0	0
16:30	1	19	3	0	23	0	0	0	0	0	0	0	0	0	0	0
16:45	0	11	4	0	15	0	1	1	0	2	0	0	0	0	0	0
17:00	6	12	0	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	0	14	5	0	19	0	1	0	0	1	0	0	0	0	0	0
17:30	2	10	5	0	17	0	1	0	0	1	0	0	0	0	0	0
17:45	5	6	3	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	22	146	55	0	223	1	13	2	0	16	0	0	0	0	0	0
GRAND TOTAL	67	541	129	0	737	1	38	7	0	46	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	13	50	0	65	0	0	0	0	0	0	0	0	0	0	0
07:15	4	17	64	0	85	0	1	0	0	1	0	0	0	0	0	0
07:30	1	21	56	0	78	0	1	1	0	2	0	0	0	0	0	0
07:45	4	26	34	0	64	0	1	0	0	1	0	0	0	0	0	0
08:00	3	27	45	0	75	0	0	0	0	0	0	0	0	0	0	0
08:15	6	26	38	0	70	0	1	1	0	2	0	0	0	0	0	0
08:30	8	13	26	0	47	0	0	0	0	0	0	0	0	0	0	0
08:45	3	22	20	0	45	1	0	0	0	1	0	0	0	0	0	0
09:00	2	15	14	0	31	0	1	1	0	2	0	0	0	0	0	0
09:15	3	6	19	0	28	1	0	1	0	2	0	0	0	0	0	0
09:30	2	16	30	0	48	1	0	1	0	2	0	0	0	0	0	0
09:45	6	21	28	0	55	0	1	1	0	2	0	0	0	0	0	0
SUBTOTAL	44	223	424	0	691	3	6	6	0	15	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	4	18	18	0	40	0	0	0	0	0	0	0	0	0	0	0
11:15	3	14	14	0	31	0	2	0	0	2	0	0	0	0	0	0
11:30	4	24	14	0	42	0	0	1	0	1	0	0	0	0	0	0
11:45	6	18	8	0	32	0	0	0	0	0	0	0	0	0	0	0
12:00	2	15	10	0	27	0	1	0	0	1	0	0	0	0	0	0
12:15	6	22	15	0	43	0	1	0	0	1	0	0	0	0	0	0
12:30	3	18	12	0	33	0	0	0	0	0	0	0	0	0	0	0
12:45	6	19	11	0	36	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	34	148	102	0	284	0	4	1	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	5	18	19	0	42	1	0	0	0	1	0	0	0	0	0	0
15:15	2	28	9	0	39	0	1	0	0	1	0	0	0	0	0	0
15:30	6	24	11	0	41	0	1	0	0	1	0	0	0	0	0	0
15:45	7	24	4	0	35	1	1	0	0	2	0	0	0	0	0	0
16:00	13	23	15	0	51	0	0	1	0	1	0	0	0	0	0	0
16:15	3	34	12	0	49	1	0	1	0	2	0	0	0	0	0	0
16:30	8	19	13	0	40	0	0	0	0	0	0	0	0	0	0	0
16:45	2	9	21	0	32	0	2	0	0	2	0	0	0	0	0	0
17:00	5	21	14	0	40	0	0	0	0	0	0	0	0	0	0	0
17:15	4	22	7	0	33	0	0	0	0	0	0	0	0	0	0	0
17:30	8	21	9	0	38	0	0	1	0	1	0	0	0	0	0	0
17:45	5	14	10	0	29	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	68	257	144	0	469	3	5	3	0	11	0	0	0	0	0	0
GRAND TOTAL	146	628	670	0	1444	6	15	10	0	31	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Victoria St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
07:15	1	9	0	0	10	1	0	0	0	1	0	0	0	0	0	0
07:30	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0
07:45	0	12	3	0	15	0	1	0	0	1	0	0	0	0	0	0
08:00	1	16	2	0	19	0	2	0	0	2	0	0	0	0	0	0
08:15	0	12	2	0	14	0	0	0	0	0	0	0	0	0	0	0
08:30	0	23	3	0	26	0	1	1	0	2	0	0	0	0	0	0
08:45	0	10	2	0	12	0	0	0	0	0	0	0	0	0	0	0
09:00	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
09:15	1	22	1	0	24	0	1	0	0	1	0	0	0	0	0	0
09:30	0	15	1	0	16	0	2	0	0	2	0	0	0	0	0	0
09:45	0	18	2	0	20	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	3	171	17	0	191	1	8	2	0	11	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Victoria St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	22	0	0	22	0	0	1	0	1	0	0	0	0	0	0
11:15	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
11:30	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
11:45	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	0	24	0	0	24	0	0	0	0	0	0	0	0	0	0	0
12:15	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:30	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0
12:45	1	20	1	0	22	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	130	2	0	133	0	0	1	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
 Site Code: 2410700003
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Victoria St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	0
15:15	0	32	3	0	35	0	1	0	0	1	0	0	0	0	0	0
15:30	0	17	2	0	19	0	2	1	0	3	0	0	0	0	0	0
15:45	0	35	5	0	40	0	0	0	0	0	0	0	0	0	0	0
16:00	0	48	3	0	51	0	1	0	0	1	0	0	0	0	0	0
16:15	0	35	8	0	43	0	0	0	0	0	0	0	0	0	0	0
16:30	0	32	7	0	39	0	1	0	0	1	0	0	0	0	0	0
16:45	0	24	6	0	30	0	1	0	0	1	0	0	0	0	0	0
17:00	0	26	4	0	30	0	1	1	0	2	0	0	0	0	0	0
17:15	0	24	4	0	28	0	0	0	0	0	0	0	0	0	0	0
17:30	0	29	5	0	34	0	1	0	0	1	0	0	0	0	0	0
17:45	0	22	2	0	24	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	357	49	0	406	0	9	2	0	11	0	0	0	0	0	0
GRAND TOTAL	4	658	68	0	730	1	17	5	0	23	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Craig St runs E/W

North Approach




	Out	In	Total
	112	343	455
	11	4	15
	0	0	0
Totals	123	347	470

Boundary Rd








	0	0	0	0
	0	7	4	0
	0	59	53	0
Totals	0	66	57	0

East Approach

	Out	In	Total
	302	121	423
	4	10	14
	0	0	0
Totals	306	131	437

Victoria St

				Totals
	0	0	0	0
	0	1	2	3
	0	3	51	54
	0	0	6	6

Peds: 0








Peds: 0






Peds: 0








Peds: 0

Craig St

Totals			
	0	0	0
	200	199	1
	94	91	3
	12	12	0




West Approach

	Out	In	Total
	59	112	171
	4	3	7
	0	0	0
Totals	63	115	178


Totals				
	21	142	17	0
	0	2	3	0
	0	0	0	0

Gregoire Rd

South Approach

	Out	In	Total
	180	77	257
	5	7	12
	0	0	0
Totals	185	84	269

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Boundary Rd						South Approach Gregoire Rd						East Approach Craig St						West Approach Victoria St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	9	12	0	0	0	21	5	42	6	0	0	53	4	18	64	0	0	86	2	9	0	0	0	11	171
07:30	20	25	0	0	0	45	3	37	7	0	0	47	1	22	57	0	0	80	0	14	1	0	0	15	187
07:45	15	20	0	0	0	35	9	39	5	0	0	53	4	27	34	0	0	65	0	13	3	0	0	16	169
08:00	13	9	0	0	0	22	4	26	2	0	0	32	3	27	45	0	0	75	1	18	2	0	0	21	150
Grand Total	57	66	0	0	0	123	21	144	20	0	0	185	12	94	200	0	0	306	3	54	6	0	0	63	677
Approach %	46.3	53.7	0	0	-	-	11.4	77.8	10.8	0	-	-	3.9	30.7	65.4	0	-	-	4.8	85.7	9.5	0	-	-	-
Totals %	8.4	9.7	0	0	-	18.2	3.1	21.3	3	0	-	27.3	1.8	13.9	29.5	0	-	45.2	0.4	8	0.9	0	-	9.3	-
PHF	0.71	0.66	0	0	-	0.68	0.58	0.86	0.71	0	-	0.87	0.75	0.87	0.78	0	-	0.89	0.38	0.75	0.5	0	-	0.75	0.91
Cars	53	59	0	0	-	112	21	142	17	0	-	180	12	91	199	0	-	302	2	51	6	0	-	59	653
% Cars	93	89.4	0	0	-	91.1	100	98.6	85	0	-	97.3	100	96.8	99.5	0	-	98.7	66.7	94.4	100	0	-	93.7	96.5
Trucks	4	7	0	0	-	11	0	2	3	0	-	5	0	3	1	0	-	4	1	3	0	0	-	4	24
% Trucks	7	10.6	0	0	-	8.9	0	1.4	15	0	-	2.7	0	3.2	0.5	0	-	1.3	33.3	5.6	0	0	-	6.3	3.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:30:00
To: 12:30:00




Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Craig St runs E/W

North Approach




	Out	In	Total
	95	100	195
	7	4	11
	0	0	0
Totals	102	104	206

Boundary Rd








	0	0	0	0
	0	5	2	0
	1	30	64	0
Totals	1	35	66	0

East Approach

	Out	In	Total
	144	139	283
	3	3	6
	0	0	0
Totals	147	142	289

Victoria St

				Totals
	0	0	0	0
	0	0	0	0
	0	0	62	62
	0	0	0	0

Peds: 0




Peds: 0






Peds: 0








Peds: 0

Craig St

Totals			
0	0	0	0
48	47	1	0
81	79	2	0
18	18	0	0




West Approach

	Out	In	Total
	62	82	144
	0	2	2
	0	0	0
Totals	62	84	146


Totals				
	2	53	13	0
	0	3	1	0
	0	0	0	0

Gregoire Rd

South Approach

	Out	In	Total
	68	48	116
	4	5	9
	0	0	0
Totals	72	53	125

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:30 - 12:30)

	North Approach Boundary Rd						South Approach Gregoire Rd						East Approach Craig St						West Approach Victoria St						Total Vehicl es
Start Time	↶	↑	↷	↻	Peds	Total	↶	↑	↷	↻	Peds	Total	↶	↑	↷	↻	Peds	Total	↶	↑	↷	↻	Peds	Total	
11:30	19	9	0	0	0	28	0	13	6	0	0	19	4	24	15	0	0	43	0	11	0	0	0	11	101
11:45	16	6	0	0	0	22	0	16	3	0	0	19	6	18	8	0	0	32	0	14	0	0	0	14	87
12:00	13	10	0	0	0	23	0	19	2	0	0	21	2	16	10	0	0	28	0	24	0	0	0	24	96
12:15	18	10	1	0	0	29	2	8	3	0	0	13	6	23	15	0	0	44	0	13	0	0	0	13	99
Grand Total	66	35	1	0	0	102	2	56	14	0	0	72	18	81	48	0	0	147	0	62	0	0	0	62	383
Approach %	64.7	34.3	1	0		-	2.8	77.8	19.4	0		-	12.2	55.1	32.7	0		-	0	100	0	0		-	
Totals %	17.2	9.1	0.3	0		26.6	0.5	14.6	3.7	0		18.8	4.7	21.1	12.5	0		38.4	0	16.2	0	0		16.2	
PHF	0.87	0.88	0.25	0		0.88	0.25	0.74	0.58	0		0.86	0.75	0.84	0.8	0		0.84	0	0.65	0	0		0.65	0.95
Cars	64	30	1	0		95	2	53	13	0		68	18	79	47	0		144	0	62	0	0		62	369
% Cars	97	85.7	100	0		93.1	100	94.6	92.9	0		94.4	100	97.5	97.9	0		98	0	100	0	0		100	96.3
Trucks	2	5	0	0		7	0	3	1	0		4	0	2	1	0		3	0	0	0	0		0	14
% Trucks	3	14.3	0	0		6.9	0	5.4	7.1	0		5.6	0	2.5	2.1	0		2	0	0	0	0		0	3.7
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds	0					-	0					-	0					-	0					-	0
% Peds	0					-	0					-	0					-	0					-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Craig St runs E/W

North Approach




	Out	In	Total
	368	106	474
	3	6	9
	0	0	0
Totals	371	112	483

Boundary Rd








	0	0	0	0
	0	2	1	0
	0	174	194	0
Totals	0	176	195	0

East Approach

	Out	In	Total
	175	362	537
	5	3	8
	0	0	0
Totals	180	365	545

Victoria St

				Totals
	0	0	0	0
	0	0	0	0
	0	2	150	152
	0	0	23	23

Peds: 0




Peds: 0






Peds: 0








Peds: 0

Craig St

Totals			
0	0	0	0
46	44	2	0
101	100	1	0
33	31	2	0




West Approach

	Out	In	Total
	173	107	280
	2	2	4
	0	0	0
Totals	175	109	284


				
Totals	8	66	18	0
	7	62	18	0
	1	4	0	0
	0	0	0	0

Gregoire Rd

South Approach

	Out	In	Total
	87	228	315
	5	4	9
	0	0	0
Totals	92	232	324

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Boundary Rd - Gregoire Rd & Craig St - Victoria St
Site Code: 2410700003
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

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

	North Approach Boundary Rd						South Approach Gregoire Rd						East Approach Craig St						West Approach Victoria St						Total Vehicl es	
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total		
15:45	41	44	0	0	0	85	2	14	3	0	0	19	8	25	4	0	0	37	0	35	5	0	0	40	181	
16:00	44	35	0	0	0	79	0	21	7	0	0	28	13	23	16	0	0	52	0	49	3	0	0	52	211	
16:15	55	42	0	0	0	97	5	12	5	0	0	22	4	34	13	0	0	51	0	35	8	0	0	43	213	
16:30	55	55	0	0	0	110	1	19	3	0	0	23	8	19	13	0	0	40	0	33	7	0	0	40	213	
Grand Total	195	176	0	0	0	371	8	66	18	0	0	92	33	101	46	0	0	180	0	152	23	0	0	175	818	
Approach %	52.6	47.4	0	0	-	-	8.7	71.7	19.6	0	-	-	18.3	56.1	25.6	0	-	-	0	86.9	13.1	0	-	-	-	
Totals %	23.8	21.5	0	0	-	45.4	1	8.1	2.2	0	-	11.2	4	12.3	5.6	0	-	22	0	18.6	2.8	0	-	21.4	-	
PHF	0.89	0.8	0	0	-	0.84	0.4	0.79	0.64	0	-	0.82	0.63	0.74	0.72	0	-	0.87	0	0.78	0.72	0	-	0.84	0.96	
Cars	194	174	0	0	-	368	7	62	18	0	-	87	31	100	44	0	-	175	0	150	23	0	-	173	803	
% Cars	99.5	98.9	0	0	-	99.2	87.5	93.9	100	0	-	94.6	93.9	99	95.7	0	-	97.2	0	98.7	100	0	-	98.9	98.2	
Trucks	1	2	0	0	-	3	1	4	0	0	-	5	2	1	2	0	-	5	0	2	0	0	-	2	15	
% Trucks	0.5	1.1	0	0	-	0.8	12.5	6.1	0	0	-	5.4	6.1	1	4.3	0	-	2.8	0	1.3	0	0	-	1.1	1.8	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	

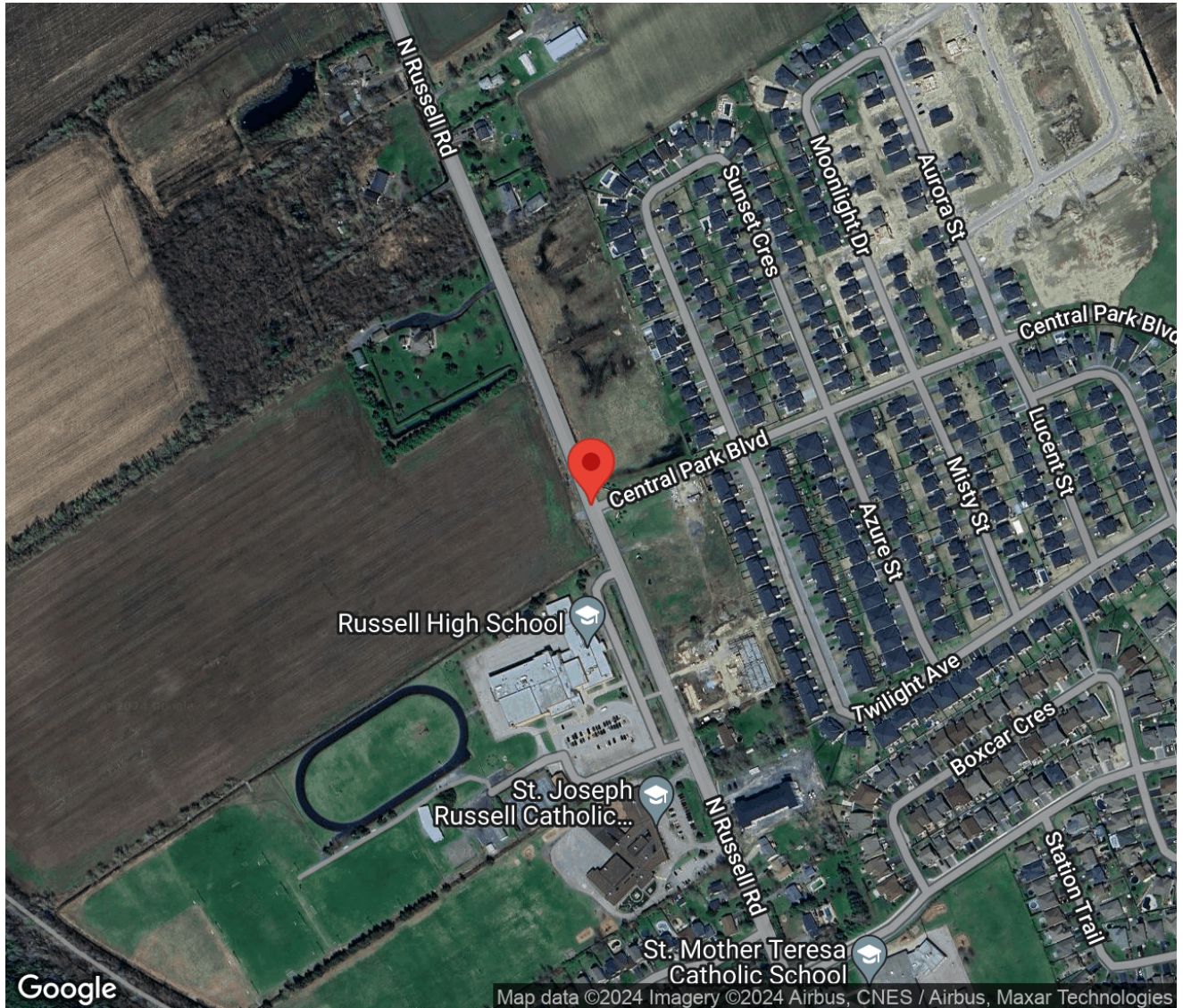
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: North Russell Rd & Central Park Blvd
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700004
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	North Russell Rd & Central Park Blvd
Site Code:	2410700004
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Russell Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	15	62	0	0	77	1	0	128	34	0	162	1	239
08:00 - 09:00	18	48	0	0	66	0	0	106	37	0	143	0	209
09:00 - 10:00	17	45	0	0	62	0	0	72	28	0	100	1	162
BREAK													
11:00 - 12:00	21	28	0	0	49	0	0	41	24	0	65	0	114
12:00 - 13:00	27	42	0	0	69	0	0	57	25	0	82	0	151
BREAK													
15:00 - 16:00	53	112	0	0	165	0	0	60	41	0	101	0	266
16:00 - 17:00	77	115	0	0	192	0	0	62	47	0	109	0	301
17:00 - 18:00	76	100	0	0	176	0	0	48	47	0	95	1	271
GRAND TOTAL	304	552	0	0	856	1	0	574	283	0	857	3	1713

Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	65	0	83	0	148	0	0	0	0	0	0	0	148
08:00 - 09:00	48	0	74	0	122	0	0	0	0	0	0	0	122
09:00 - 10:00	38	0	36	0	74	0	0	0	0	0	0	0	74
BREAK													
11:00 - 12:00	27	0	19	0	46	0	0	0	0	0	0	0	46
12:00 - 13:00	26	0	30	0	56	0	0	0	0	0	0	0	56
BREAK													
15:00 - 16:00	41	0	24	0	65	1	0	0	0	0	0	0	65
16:00 - 17:00	38	0	20	0	58	0	0	0	0	0	0	0	58
17:00 - 18:00	24	0	21	0	45	0	0	0	0	0	0	0	45
GRAND TOTAL	307	0	307	0	614	1	0	0	0	0	0	0	614

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	6	0	0	6	1	1	0	0	2	0	0	0	0	0	0
07:15	4	16	0	0	20	0	1	0	0	1	0	0	0	0	0	0
07:30	1	21	0	0	22	2	3	0	0	5	0	0	0	0	0	1
07:45	6	13	0	0	19	1	1	0	0	2	0	0	0	0	0	0
08:00	5	18	0	0	23	1	0	0	0	1	0	0	0	0	0	0
08:15	4	5	0	0	9	0	1	0	0	1	0	0	0	0	0	0
08:30	3	14	0	0	17	0	0	0	0	0	0	0	0	0	0	0
08:45	5	10	0	0	15	0	0	0	0	0	0	0	0	0	0	0
09:00	6	8	0	0	14	1	0	0	0	1	0	0	0	0	0	0
09:15	2	11	0	0	13	1	1	0	0	2	0	0	0	0	0	0
09:30	2	11	0	0	13	0	0	0	0	0	0	0	0	0	0	0
09:45	4	13	0	0	17	1	1	0	0	2	0	0	0	0	0	0
SUBTOTAL	42	146	0	0	188	8	9	0	0	17	0	0	0	0	0	1

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	4	12	0	0	16	0	0	0	0	0	0	0	0	0	0	0
11:15	9	5	0	0	14	0	0	0	0	0	0	0	0	0	0	0
11:30	3	3	0	0	6	0	0	0	0	0	0	0	0	0	0	0
11:45	5	8	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:00	5	12	0	0	17	0	2	0	0	2	0	0	0	0	0	0
12:15	6	12	0	0	18	1	0	0	0	1	0	0	0	0	0	0
12:30	5	8	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:45	9	8	0	0	17	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	46	68	0	0	114	2	2	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	8	14	0	0	22	0	3	0	0	3	0	0	0	0	0	0
15:15	10	34	0	0	44	0	0	0	0	0	0	0	0	0	0	0
15:30	20	32	0	0	52	0	3	0	0	3	0	0	0	0	0	0
15:45	15	25	0	0	40	0	1	0	0	1	0	0	0	0	0	0
16:00	13	26	0	0	39	1	0	0	0	1	0	0	0	0	0	0
16:15	23	27	0	0	50	0	1	0	0	1	0	0	0	0	0	0
16:30	25	30	0	0	55	0	0	0	0	0	0	0	0	0	0	0
16:45	15	30	0	0	45	0	1	0	0	1	0	0	0	0	0	0
17:00	20	31	0	0	51	0	0	0	0	0	0	0	0	0	0	0
17:15	17	30	0	0	47	0	0	0	0	0	0	0	0	0	0	0
17:30	20	21	0	0	41	0	0	0	0	0	0	0	0	0	0	0
17:45	19	18	0	0	37	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	205	318	0	0	523	1	9	0	0	10	0	0	0	0	0	0
GRAND TOTAL	293	532	0	0	825	11	20	0	0	31	0	0	0	0	0	1

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	25	2	0	27	0	0	0	0	0	0	0	0	0	0	0
07:15	0	25	7	0	32	0	0	1	0	1	0	0	0	0	0	0
07:30	0	39	4	0	43	0	1	2	0	3	0	0	0	0	0	1
07:45	0	36	16	0	52	0	2	2	0	4	0	0	0	0	0	0
08:00	0	45	12	0	57	0	1	0	0	1	0	0	0	0	0	0
08:15	0	20	12	0	32	0	0	0	0	0	0	0	0	0	0	0
08:30	0	22	5	0	27	0	0	1	0	1	0	0	0	0	0	0
08:45	0	17	7	0	24	0	1	0	0	1	0	0	0	0	0	0
09:00	0	22	3	0	25	0	0	0	0	0	0	0	0	0	0	0
09:15	0	18	9	0	27	0	1	0	0	1	0	0	0	0	0	1
09:30	0	12	9	0	21	0	1	0	0	1	0	0	0	0	0	0
09:45	0	18	7	0	25	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	299	93	0	392	0	7	6	0	13	0	0	0	0	0	2

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	8	6	0	14	0	0	0	0	0	0	0	0	0	0	0
11:15	0	8	10	0	18	0	1	0	0	1	0	0	0	0	0	0
11:30	0	12	5	0	17	0	1	0	0	1	0	0	0	0	0	0
11:45	0	10	3	0	13	0	1	0	0	1	0	0	0	0	0	0
12:00	0	11	6	0	17	0	0	0	0	0	0	0	0	0	0	0
12:15	0	11	4	0	15	0	1	0	0	1	0	0	0	0	0	0
12:30	0	19	6	0	25	0	0	0	0	0	0	0	0	0	0	0
12:45	0	15	9	0	24	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	94	49	0	143	0	4	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	7	6	0	13	0	3	0	0	3	0	0	0	0	0	0
15:15	0	13	5	0	18	0	1	0	0	1	0	0	0	0	0	0
15:30	0	22	10	0	32	0	0	1	0	1	0	0	0	0	0	0
15:45	0	14	18	0	32	0	0	1	0	1	0	0	0	0	0	0
16:00	0	17	11	0	28	0	1	0	0	1	0	0	0	0	0	0
16:15	0	16	12	0	28	0	0	0	0	0	0	0	0	0	0	0
16:30	0	11	10	0	21	0	0	0	0	0	0	0	0	0	0	0
16:45	0	17	14	0	31	0	0	0	0	0	0	0	0	0	0	0
17:00	0	13	16	0	29	0	1	0	0	1	0	0	0	0	0	0
17:15	0	11	14	0	25	0	2	0	0	2	0	0	0	0	0	1
17:30	0	8	9	0	17	0	0	0	0	0	0	0	0	0	0	0
17:45	0	13	8	0	21	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	162	133	0	295	0	8	2	0	10	0	0	0	0	0	1
GRAND TOTAL	0	555	275	0	830	0	19	8	0	27	0	0	0	0	0	3

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Central Park Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	10	0	23	0	33	0	0	0	0	0	0	0	0	0	0	0
07:15	11	0	24	0	35	0	0	0	0	0	0	0	0	0	0	0
07:30	10	0	16	0	26	3	0	0	0	3	0	0	0	0	0	0
07:45	29	0	20	0	49	2	0	0	0	2	0	0	0	0	0	0
08:00	24	0	25	0	49	0	0	1	0	1	0	0	0	0	0	0
08:15	7	0	24	0	31	1	0	0	0	1	0	0	0	0	0	0
08:30	4	0	13	0	17	1	0	0	0	1	0	0	0	0	0	0
08:45	11	0	10	0	21	0	0	1	0	1	0	0	0	0	0	0
09:00	12	0	7	0	19	0	0	0	0	0	0	0	0	0	0	0
09:15	17	0	16	0	33	2	0	0	0	2	0	0	0	0	0	0
09:30	2	0	3	0	5	0	0	1	0	1	0	0	0	0	0	0
09:45	5	0	9	0	14	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	142	0	190	0	332	9	0	3	0	12	0	0	0	0	0	0

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Central Park Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	0
11:15	9	0	6	0	15	0	0	0	0	0	0	0	0	0	0	0
11:30	5	0	6	0	11	0	0	0	0	0	0	0	0	0	0	0
11:45	10	0	4	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	8	0	2	0	10	0	0	0	0	0	0	0	0	0	0	0
12:15	4	0	12	0	16	1	0	0	0	1	0	0	0	0	0	0
12:30	4	0	8	0	12	1	0	0	0	1	0	0	0	0	0	0
12:45	8	0	7	0	15	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	51	0	48	0	99	2	0	1	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: North Russell Rd & Central Park Blvd
 Site Code: 2410700004
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Central Park Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	10	0	9	0	19	0	0	0	0	0	0	0	0	0	0	0
15:15	9	0	4	0	13	1	0	0	0	1	0	0	0	0	0	0
15:30	13	0	7	0	20	0	0	0	0	0	0	0	0	0	0	1
15:45	7	0	4	0	11	1	0	0	0	1	0	0	0	0	0	0
16:00	15	0	6	0	21	1	0	0	0	1	0	0	0	0	0	0
16:15	6	0	5	0	11	1	0	0	0	1	0	0	0	0	0	0
16:30	8	0	4	0	12	0	0	0	0	0	0	0	0	0	0	0
16:45	7	0	5	0	12	0	0	0	0	0	0	0	0	0	0	0
17:00	5	0	7	0	12	0	0	0	0	0	0	0	0	0	0	0
17:15	6	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0
17:30	6	0	9	0	15	0	0	0	0	0	0	0	0	0	0	0
17:45	7	0	4	0	11	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	99	0	65	0	164	4	0	0	0	4	0	0	0	0	0	1
GRAND TOTAL	292	0	303	0	595	15	0	4	0	19	0	0	0	0	0	1

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	84	230	314
	9	5	14
	0	0	0
Totals	93	235	328




North Russell Rd

	0	0	0
	5	4	0
	68	16	0
Totals	73	20	0

Peds: 1






Peds: 1




Totals	149	44	0
	145	39	0
	4	5	0
	0	0	0

North Russell Rd




East Approach

	Out	In	Total
	159	55	214
	6	9	15
	0	0	0
Totals	165	64	229


Central Park Blvd

Totals			
0	0	0	0
86	85	1	0
79	74	5	0

South Approach

	Out	In	Total
	184	142	326
	9	10	19
	0	0	0
Totals	193	152	345

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Central Park Blvd						West Approach						Total Vehicl es				
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total					
07:15	4	17		0	0	21		25	8	0	0	33	11		24	0	0	35					0		89				
07:30	3	24		0	1	27		40	6	0	1	46	13		16	0	0	29					0		102				
07:45	7	14		0	0	21		38	18	0	0	56	31		20	0	0	51					0		128				
08:00	6	18		0	0	24		46	12	0	0	58	24		26	0	0	50					0		132				
Grand Total	20	73		0	1	93		149	44	0	1	193	79		86	0	0	165					0	0	451				
Approach %	21.5	78.5		0	-			77.2	22.8	0	-		47.9		52.1	0	-						-						
Totals %	4.4	16.2		0	20.6			33	9.8	0	42.8		17.5		19.1	0	36.6					0							
PHF	0.71	0.76		0	0.86			0.81	0.61	0	0.83		0.64		0.83	0	0.81					0		0.85					
Cars	16	68		0	84			145	39	0	184		74		85	0	159					0		427					
% Cars	80	93.2		0	90.3			97.3	88.6	0	95.3		93.7		98.8	0	96.4					0		94.7					
Trucks	4	5		0	9			4	5	0	9		5		1	0	6					0		24					
% Trucks	20	6.8		0	9.7			2.7	11.4	0	4.7		6.3		1.2	0	3.6					0		5.3					
Bicycles	0	0		0	0			0	0	0	0		0		0	0	0					0		0					
% Bicycles	0	0		0	0			0	0	0	0		0		0	0	0					0		0					
Peds	1					-		1					-		0					-		0					-	2	
% Peds	50					-		50					-		0					-		0					-		

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	65	85	150
	4	2	6
	0	0	0
Totals	69	87	156




North Russell Rd

	0	0	0
	2	2	0
	40	25	0
Totals	42	27	0

Peds: 0






Peds: 0




Totals	57	25	0
	56	25	0
	1	0	0
	0	0	0

North Russell Rd




East Approach

	Out	In	Total
	53	50	103
	3	2	5
	0	0	0
Totals	56	52	108


Central Park Blvd

Totals			
0	0	0	0
30	29	1	0
26	24	2	0

South Approach

	Out	In	Total
	81	64	145
	1	4	5
	0	0	0
Totals	82	68	150

 - Cars

 - Trucks


























 - Bicycles

Comments

Peak Hour Summary

Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

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

	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Central Park Blvd						West Approach						Total Vehicles		
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total			
12:00	5	14		0	0	19		11	6	0	0	17	8		2	0	0	10		0							
12:15	7	12		0	0	19		12	4	0	0	16	5		12	0	0	17		0							
12:30	5	8		0	0	13		19	6	0	0	25	5		8	0	0	13		0							
12:45	10	8		0	0	18		15	9	0	0	24	8		8	0	0	16		0							
Grand Total	27	42		0	0	69		57	25	0	0	82	26		30	0	0	56		0	0			207			
Approach %	39.1	60.9		0	-			69.5	30.5	0	-		46.4		53.6	0	-			-							
Totals %	13	20.3		0		33.3		27.5	12.1	0		39.6	12.6		14.5	0		27.1			0						
PHF	0.68	0.75		0		0.91		0.75	0.69	0		0.82	0.81		0.63	0		0.82			0			0.89			
Cars	25	40		0		65		56	25	0		81	24		29	0		53			0			199			
% Cars	92.6	95.2		0		94.2		98.2	100	0		98.8	92.3		96.7	0		94.6			0			96.1			
Trucks	2	2		0		4		1	0	0		1	2		1	0		3			0			8			
% Trucks	7.4	4.8		0		5.8		1.8	0	0		1.2	7.7		3.3	0		5.4			0			3.9			
Bicycles	0	0		0		0		0	0	0		0	0		0	0		0			0			0			
% Bicycles	0	0		0		0		0	0	0		0	0		0	0		0			0			0			
Peds						0	-						0	-						0	-						0
% Peds						0	-						0	-						0	-						

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:30:00
To: 16:30:00




Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	181	91	272
	6	1	7
	0	0	0
Totals	187	92	279




North Russell Rd

	0	0	0
	5	1	0
	110	71	0
Totals	115	72	0

Peds: 0






Peds: 0




Totals	70	53	0
	69	51	0
	1	2	0
	0	0	0

North Russell Rd




East Approach

	Out	In	Total
	63	122	185
	3	3	6
	0	0	0
Totals	66	125	191


Central Park Blvd

Totals			
0	0	0	0
22	22	0	0
44	41	3	0

South Approach

	Out	In	Total
	120	151	271
	3	8	11
	0	0	0
Totals	123	159	282

 - Cars

 - Trucks























 - Bicycles

Comments

Peak Hour Summary

Intersection: North Russell Rd & Central Park Blvd
Site Code: 2410700004
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (15:30 - 16:30)

	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Central Park Blvd						West Approach						Total Vehicl es				
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total					
15:30	20	35		0	0	55		22	11	0	0	33	13		7	0	1	20		0		0							
15:45	15	26		0	0	41		14	19	0	0	33	8		4	0	0	12		0									
16:00	14	26		0	0	40		18	11	0	0	29	16		6	0	0	22		0									
16:15	23	28		0	0	51		16	12	0	0	28	7		5	0	0	12		0									
Grand Total	72	115		0	0	187		70	53	0	0	123	44		22	0	1	66		0	0		376						
Approach %	38.5	61.5		0	-			56.9	43.1	0	-		66.7		33.3	0	-			-									
Totals %	19.1	30.6		0		49.7		18.6	14.1	0		32.7	11.7		5.9	0		17.6		0									
PHF	0.78	0.82		0		0.85		0.8	0.7	0		0.93	0.69		0.79	0		0.75		0		0.87							
Cars	71	110		0		181		69	51	0		120	41		22	0		63		0		364							
% Cars	98.6	95.7		0		96.8		98.6	96.2	0		97.6	93.2		100	0		95.5		0		96.8							
Trucks	1	5		0		6		1	2	0		3	3		0	0		3		0		12							
% Trucks	1.4	4.3		0		3.2		1.4	3.8	0		2.4	6.8		0	0		4.5		0		3.2							
Bicycles	0	0		0		0		0	0	0		0	0		0	0		0		0		0							
% Bicycles	0	0		0		0		0	0	0		0	0		0	0		0		0		0							
Peds						0	-						0	-						1	-						0	-	1
% Peds						0	-						0	-						100	-						0	-	

Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Wade Rd & Church St
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700005
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	Wade Rd & Church St
Site Code:	2410700005
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Wade Rd & Church St
 Site Code: 2410700005
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Wade Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	13	21	0	36	1	5	50	1	0	56	0	92
08:00 - 09:00	1	29	12	0	42	0	3	39	0	0	42	0	84
09:00 - 10:00	0	22	13	0	35	0	0	27	0	0	27	0	62
BREAK													
11:00 - 12:00	0	24	23	0	47	0	3	23	0	0	26	0	73
12:00 - 13:00	0	23	21	0	44	2	1	25	0	0	26	0	70
BREAK													
15:00 - 16:00	2	44	27	0	73	2	3	29	0	0	32	0	105
16:00 - 17:00	2	56	26	0	84	0	2	31	1	0	34	0	118
17:00 - 18:00	0	53	28	0	81	0	1	36	0	0	37	1	118
GRAND TOTAL	7	264	171	0	442	5	18	260	2	0	280	1	722

Traffic Count Summary

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

Commerical Entrance - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	0	2	0	3	0	24	1	4	0	29	2	32
08:00 - 09:00	0	0	1	0	1	0	14	0	1	0	15	0	16
09:00 - 10:00	0	0	0	0	0	0	24	0	2	0	26	0	26
BREAK													
11:00 - 12:00	0	0	0	0	0	0	19	0	2	0	21	2	21
12:00 - 13:00	0	0	0	0	0	0	15	0	2	0	17	1	17
BREAK													
15:00 - 16:00	0	0	2	0	2	0	25	1	5	0	31	0	33
16:00 - 17:00	0	1	4	0	5	0	18	1	2	0	21	0	26
17:00 - 18:00	0	0	0	0	0	0	24	0	4	0	28	0	28
GRAND TOTAL	1	1	9	0	11	0	163	3	22	0	188	5	199

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	1	2	0	4	0	0	0	0	0	0	0	0	0	0	0
07:15	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0
07:30	0	1	5	0	6	0	1	0	0	1	0	0	0	0	0	0
07:45	1	3	13	0	17	0	1	0	0	1	0	0	0	0	0	1
08:00	1	10	6	0	17	0	2	0	0	2	0	0	0	0	0	0
08:15	0	6	4	0	10	0	1	0	0	1	0	0	0	0	0	0
08:30	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0
08:45	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
09:00	0	5	6	0	11	0	0	0	0	0	0	0	0	0	0	0
09:15	0	6	3	0	9	0	1	0	0	1	0	0	0	0	0	0
09:30	0	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0
09:45	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	57	46	0	106	0	7	0	0	7	0	0	0	0	0	1

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	0	4	7	0	11	0	1	0	0	1	0	0	0	0	0	0
11:30	0	8	5	0	13	0	1	2	0	3	0	0	0	0	0	0
11:45	0	6	8	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	0	1	6	0	7	0	0	0	0	0	0	0	0	0	0	0
12:15	0	5	3	0	8	0	1	0	0	1	0	0	0	0	0	2
12:30	0	9	6	0	15	0	0	0	0	0	0	0	0	0	0	0
12:45	0	7	5	0	12	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	0	44	41	0	85	0	3	3	0	6	0	0	0	0	0	2

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	9	3	0	12	0	1	0	0	1	0	0	0	0	0	2
15:15	0	8	6	0	14	0	2	0	0	2	0	0	0	0	0	0
15:30	0	10	9	0	19	0	1	0	0	1	0	0	0	0	0	0
15:45	2	13	9	0	24	0	0	0	0	0	0	0	0	0	0	0
16:00	2	13	6	0	21	0	0	0	0	0	0	0	0	0	0	0
16:15	0	17	7	0	24	0	0	1	0	1	0	0	0	0	0	0
16:30	0	15	4	0	19	0	0	0	0	0	0	0	0	0	0	0
16:45	0	11	8	0	19	0	0	0	0	0	0	0	0	0	0	0
17:00	0	16	7	0	23	0	0	0	0	0	0	0	0	0	0	0
17:15	0	13	6	0	19	0	0	0	0	0	0	0	0	0	0	0
17:30	0	16	4	0	20	0	0	0	0	0	0	0	0	0	0	0
17:45	0	8	10	0	18	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	4	149	79	0	232	0	4	2	0	6	0	0	0	0	0	2
GRAND TOTAL	7	250	166	0	423	0	14	5	0	19	0	0	0	0	0	5

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	7	0	0	9	0	1	0	0	1	0	0	0	0	0	0
07:15	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
07:30	0	14	1	0	15	1	2	0	0	3	0	0	0	0	0	0
07:45	2	15	0	0	17	0	0	0	0	0	0	0	0	0	0	0
08:00	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
08:15	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:30	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
08:45	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
09:00	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
09:30	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
09:45	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	112	1	0	120	1	4	0	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
11:15	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
11:30	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:45	2	3	0	0	5	0	3	0	0	3	0	0	0	0	0	0
12:00	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:15	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:30	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12:45	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	4	43	0	0	47	0	5	0	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
15:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
15:30	1	8	0	0	9	0	1	0	0	1	0	0	0	0	0	0
15:45	2	9	0	0	11	0	1	0	0	1	0	0	0	0	0	0
16:00	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
16:15	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
16:30	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
16:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:00	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
17:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1
17:30	1	14	0	0	15	0	0	0	0	0	0	0	0	0	0	0
17:45	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	93	1	0	100	0	3	0	0	3	0	0	0	0	0	1
GRAND TOTAL	17	248	2	0	267	1	12	0	0	13	0	0	0	0	0	1

[illegible]

	Cars						Trucks					Bicycles						
Start Time					Total						Total						Total	Total Peds
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0

[illegible]

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Church St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
07:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
07:30	4	1	1	0	6	0	0	0	0	0	0	0	0	0	0	0
07:45	13	0	3	0	16	2	0	0	0	2	0	0	0	0	0	0
08:00	6	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0
08:15	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
08:30	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
09:15	13	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0
09:30	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:45	7	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	60	1	6	0	67	2	0	1	0	3	0	0	0	0	0	2

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Church St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	6	0	1	0	7	0	0	1	0	1	0	0	0	0	0	2
11:15	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:30	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:45	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:00	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0
12:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
12:45	7	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	34	0	3	0	37	0	0	1	0	1	0	0	0	0	0	3

Traffic Count Data

Intersection: Wade Rd & Church St
Site Code: 2410700005
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Church St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	7	0	2	0	9	0	0	0	0	0	0	0	0	0	0	0
15:15	6	0	2	0	8	0	0	1	0	1	0	0	0	0	0	0
15:30	4	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
16:00	3	0	0	0	3	1	0	0	0	1	0	0	0	0	0	0
16:15	7	1	0	0	8	0	0	0	0	0	0	0	0	0	0	0
16:30	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
16:45	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:00	5	0	1	0	6	1	0	0	0	1	0	0	0	0	0	0
17:15	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:30	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	8	0	1	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	65	2	10	0	77	2	0	1	0	3	0	0	0	0	0	0
GRAND TOTAL	159	3	19	0	181	4	0	3	0	7	0	0	0	0	0	5

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Wade Rd runs N/S

North Approach




	Out	In	Total
	50	80	130
	5	4	9
	0	0	0
	55	84	139

Wade Rd




	0	0	0	0
	0	5	0	0
	28	20	2	0
Totals	28	25	2	0










East Approach

	Out	In	Total
	3	4	7
	0	0	0
	0	0	0
	3	4	7

Church St

				Totals
	0	0	0	0
	0	2	27	29
	0	0	1	1
	0	0	5	5

Peds: 1




Peds: 0







Peds: 0




Peds: 0








Commercial Entrance

Totals			
0	0	0	0
2	2	0	0
0	0	0	0
1	1	0	0




West Approach

	Out	In	Total
	33	32	65
	2	1	3
	0	0	0
	35	33	68


Totals				
	5	53	1	0
	4	51	1	0
	1	2	0	0
	0	0	0	0

Wade Rd

South Approach

	Out	In	Total
	56	26	82
	3	5	8
	0	0	0
	59	31	90

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Wade Rd						South Approach Wade Rd						East Approach Commerical Entrance						West Approach Church St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	0	2	5	0	0	7	1	16	1	0	0	18	0	0	1	0	0	1	4	1	1	0	0	6	32
07:45	1	4	13	0	1	18	2	15	0	0	0	17	1	0	0	0	0	1	15	0	3	0	0	18	54
08:00	1	12	6	0	0	19	0	17	0	0	0	17	0	0	0	0	0	0	6	0	1	0	0	7	43
08:15	0	7	4	0	0	11	2	5	0	0	0	7	0	0	1	0	0	1	4	0	0	0	0	4	23
Grand Total	2	25	28	0	1	55	5	53	1	0	0	59	1	0	2	0	0	3	29	1	5	0	0	35	152
Approach %	3.6	45.5	50.9	0	-	-	8.5	89.8	1.7	0	-	-	33.3	0	66.7	0	-	-	82.9	2.9	14.3	0	-	-	-
Totals %	1.3	16.4	18.4	0	-	36.2	3.3	34.9	0.7	0	-	38.8	0.7	0	1.3	0	-	2	19.1	0.7	3.3	0	-	23	-
PHF	0.5	0.52	0.54	0	-	0.72	0.63	0.78	0.25	0	-	0.82	0.25	0	0.5	0	-	0.75	0.48	0.25	0.42	0	-	0.49	0.7
Cars	2	20	28	0	-	50	4	51	1	0	-	56	1	0	2	0	-	3	27	1	5	0	-	33	142
% Cars	100	80	100	0	-	90.9	80	96.2	100	0	-	94.9	100	0	100	0	-	100	93.1	100	100	0	-	94.3	93.4
Trucks	0	5	0	0	-	5	1	2	0	0	-	3	0	0	0	0	-	0	2	0	0	0	-	2	10
% Trucks	0	20	0	0	-	9.1	20	3.8	0	0	-	5.1	0	0	0	0	-	0	6.9	0	0	0	-	5.7	6.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	1
% Peds	-	-	-	-	100	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:00:00
To: 12:00:00




Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Wade Rd runs N/S

North Approach




	Out	In	Total
	43	38	81
	4	4	8
	0	0	0
Totals	47	42	89

Wade Rd








	0	0	0	0
	2	2	0	0
	21	22	0	0
Totals	23	24	0	0

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Church St

				Totals
	0	0	0	0
	0	0	19	19
	0	0	0	0
	0	1	1	2








Peds: 2

Peds: 0













Peds: 0

Commercial Entrance

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach


	Out	In	Total
	20	24	44
	1	2	3
	0	0	0
Totals	21	26	47


Totals				
	3	19	0	0
	0	4	0	0
	0	0	0	0


Wade Rd

South Approach

	Out	In	Total
	22	23	45
	4	3	7
	0	0	0
Totals	26	26	52

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:00 - 12:00)

Start Time	North Approach Wade Rd						South Approach Wade Rd						East Approach Commerical Entrance						West Approach Church St						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:00	0	4	1	0	0	5	1	5	0	0	0	6	0	0	0	0	0	0	6	0	2	0	2	8	19
11:15	0	5	7	0	0	12	0	9	0	0	0	9	0	0	0	0	0	0	3	0	0	0	0	3	24
11:30	0	9	7	0	0	16	0	3	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	3	22
11:45	0	6	8	0	0	14	2	6	0	0	0	8	0	0	0	0	0	0	7	0	0	0	0	7	29
Grand Total	0	24	23	0	0	47	3	23	0	0	0	26	0	0	0	0	0	0	19	0	2	0	2	21	94
Approach %	0	51.1	48.9	0	-	-	11.5	88.5	0	0	-	-	0	0	0	0	-	-	90.5	0	9.5	0	-	-	-
Totals %	0	25.5	24.5	0	-	50	3.2	24.5	0	0	-	27.7	0	0	0	0	-	0	20.2	0	2.1	0	-	22.3	-
PHF	0	0.67	0.72	0	-	0.73	0.38	0.64	0	0	-	0.72	0	0	0	0	-	0	0.68	0	0.25	0	-	0.66	0.81
Cars	0	22	21	0	-	43	3	19	0	0	-	22	0	0	0	0	-	0	19	0	1	0	-	20	85
% Cars	0	91.7	91.3	0	-	91.5	100	82.6	0	0	-	84.6	0	0	0	0	-	0	100	0	50	0	-	95.2	90.4
Trucks	0	2	2	0	-	4	0	4	0	0	-	4	0	0	0	0	-	0	0	0	1	0	-	1	9
% Trucks	0	8.3	8.7	0	-	8.5	0	17.4	0	0	-	15.4	0	0	0	0	-	0	0	0	50	0	-	4.8	9.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	2	-	2
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	100	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:30:00
To: 16:30:00




Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Wade Rd runs N/S

North Approach




	Out	In	Total
	88	59	147
	2	4	6
	0	0	0
Totals	90	63	153

Wade Rd








	0	0	0	0
	1	1	0	0
	31	53	4	0
Totals	32	54	4	0

East Approach

	Out	In	Total
	7	7	14
	0	0	0
	0	0	0
Totals	7	7	14

Church St

				Totals
	0	0	0	0
	0	1	22	23
	0	0	2	2
	0	0	0	0

Peds: 0




Peds: 0






Peds: 0








Peds: 0

Commercial Entrance

Totals			
0	0	0	0
6	6	0	0
1	1	0	0
0	0	0	0




West Approach

	Out	In	Total
	24	36	60
	1	1	2
	0	0	0
Totals	25	37	62


				
Totals	4	34	1	0
	4	31	1	0
	0	3	0	0
	0	0	0	0

Wade Rd

South Approach

	Out	In	Total
	36	53	89
	3	1	4
	0	0	0
Totals	39	54	93

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Wade Rd & Church St
Site Code: 2410700005
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (15:30 - 16:30)

	North Approach Wade Rd						South Approach Wade Rd						East Approach Commerical Entrance						West Approach Church St						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
15:30	0	11	9	0	0	20	1	9	0	0	0	10	0	0	1	0	0	1	4	1	0	0	0	5	36
15:45	2	13	9	0	0	24	2	10	0	0	0	12	0	0	1	0	0	1	8	0	0	0	0	8	45
16:00	2	13	6	0	0	21	0	7	1	0	0	8	0	0	3	0	0	3	4	0	0	0	0	4	36
16:15	0	17	8	0	0	25	1	8	0	0	0	9	0	1	1	0	0	2	7	1	0	0	0	8	44
Grand Total	4	54	32	0	0	90	4	34	1	0	0	39	0	1	6	0	0	7	23	2	0	0	0	25	161
Approach %	4.4	60	35.6	0	-	-	10.3	87.2	2.6	0	-	-	0	14.3	85.7	0	-	-	92	8	0	0	-	-	-
Totals %	2.5	33.5	19.9	0	-	55.9	2.5	21.1	0.6	0	-	24.2	0	0.6	3.7	0	-	4.3	14.3	1.2	0	0	-	15.5	-
PHF	0.5	0.79	0.89	0	-	0.9	0.5	0.85	0.25	0	-	0.81	0	0.25	0.5	0	-	0.58	0.72	0.5	0	0	-	0.78	0.89
Cars	4	53	31	0	-	88	4	31	1	0	-	36	0	1	6	0	-	7	22	2	0	0	-	24	155
% Cars	100	98.1	96.9	0	-	97.8	100	91.2	100	0	-	92.3	0	100	100	0	-	100	95.7	100	0	0	-	96	96.3
Trucks	0	1	1	0	-	2	0	3	0	0	-	3	0	0	0	0	-	0	1	0	0	0	-	1	6
% Trucks	0	1.9	3.1	0	-	2.2	0	8.8	0	0	-	7.7	0	0	0	0	-	0	4.3	0	0	0	-	4	3.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

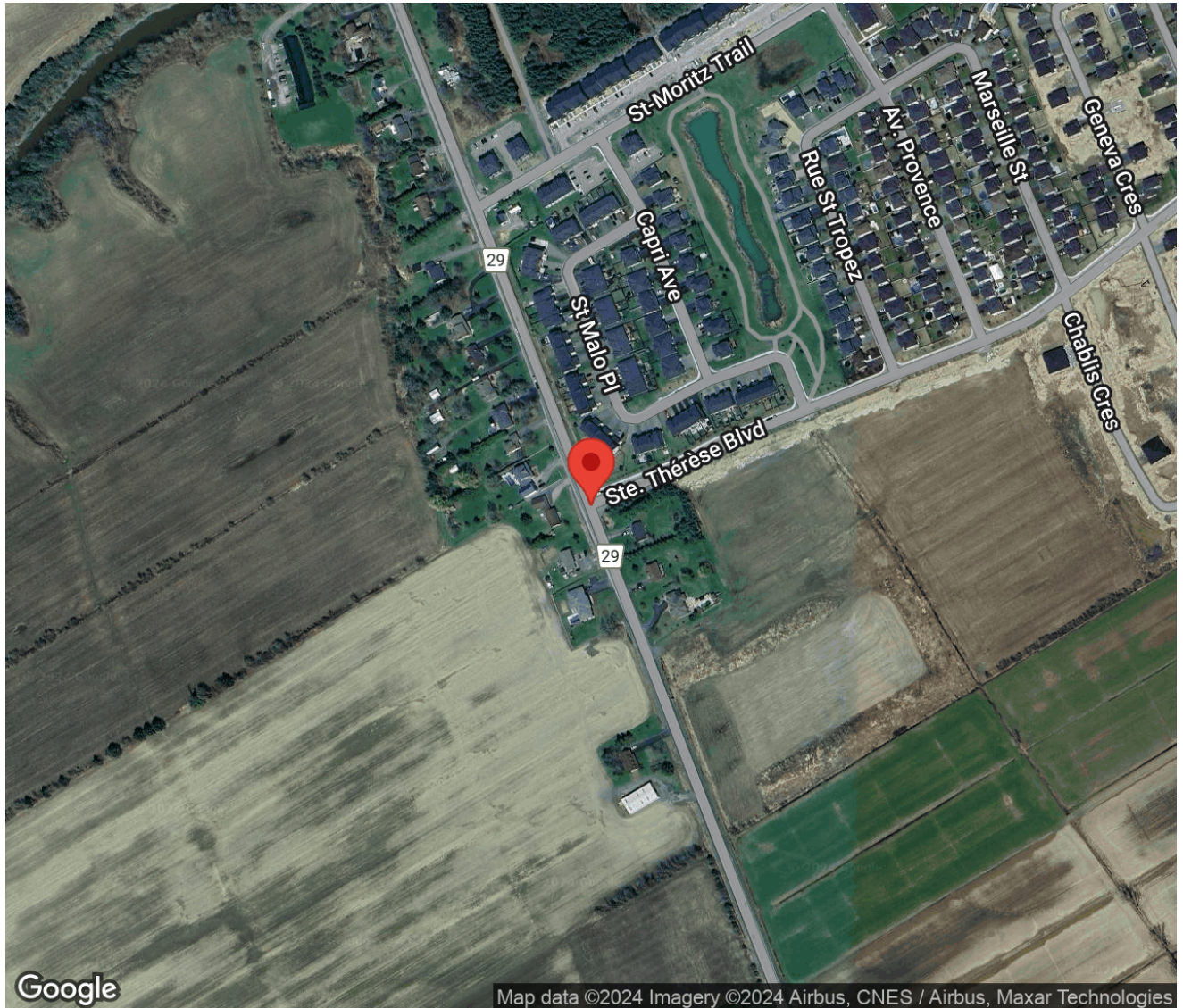
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Ste Marie St & Ste Therese Blvd
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700006
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Ste Marie St & Ste Therese Blvd
Site Code:	2410700006
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Ste Marie St & Ste Therese Blvd
 Site Code: 2410700006
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Ste Marie St - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	28	42	0	0	70	0	0	99	9	0	108	0	178
08:00 - 09:00	22	43	0	0	65	0	0	81	2	0	83	0	148
09:00 - 10:00	20	46	0	0	66	0	0	77	3	0	80	0	146
BREAK													
11:00 - 12:00	18	45	0	0	63	0	0	72	4	0	76	0	139
12:00 - 13:00	46	66	0	0	112	0	0	68	2	0	70	1	182
BREAK													
15:00 - 16:00	49	96	0	0	145	0	0	65	6	0	71	0	216
16:00 - 17:00	68	115	0	0	183	0	0	75	9	0	84	0	267
17:00 - 18:00	72	116	0	0	188	0	0	66	4	0	70	0	258
GRAND TOTAL	323	569	0	0	892	0	0	603	39	0	642	1	1534

Traffic Count Summary

Intersection: Ste Marie St & Ste Therese Blvd
 Site Code: 2410700006
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Ste Therese Blvd - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	9	0	79	0	88	0	0	0	0	0	0	0	88
08:00 - 09:00	9	0	58	0	67	0	0	0	0	0	0	0	67
09:00 - 10:00	5	0	31	0	36	0	0	0	0	0	0	0	36
BREAK													
11:00 - 12:00	8	0	36	0	44	0	0	0	0	0	0	0	44
12:00 - 13:00	4	0	24	0	28	0	0	0	0	0	0	0	28
BREAK													
15:00 - 16:00	6	0	31	0	37	0	0	0	0	0	0	0	37
16:00 - 17:00	9	0	35	0	44	0	0	0	0	0	0	0	44
17:00 - 18:00	4	0	34	0	38	0	0	0	0	0	0	0	38
GRAND TOTAL	54	0	328	0	382	0	0	0	0	0	0	0	382

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	8	10	0	0	18	0	1	0	0	1	0	0	0	0	0	0
07:15	6	9	0	0	15	0	0	0	0	0	0	0	0	0	0	0
07:30	8	6	0	0	14	0	1	0	0	1	0	0	0	0	0	0
07:45	5	15	0	0	20	1	0	0	0	1	0	0	0	0	0	0
08:00	9	12	0	0	21	0	2	0	0	2	0	0	0	0	0	0
08:15	4	10	0	0	14	0	1	0	0	1	0	0	0	0	0	0
08:30	3	5	0	0	8	0	5	0	0	5	0	0	0	0	0	0
08:45	5	7	0	0	12	1	1	0	0	2	0	0	0	0	0	0
09:00	5	7	0	0	12	0	0	0	0	0	0	0	0	0	0	0
09:15	3	11	0	0	14	1	1	0	0	2	0	0	0	0	0	0
09:30	6	12	0	0	18	1	4	0	0	5	0	0	0	0	0	0
09:45	4	11	0	0	15	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	66	115	0	0	181	4	16	0	0	20	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
 Site Code: 2410700006
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	4	8	0	0	12	0	1	0	0	1	0	0	0	0	0	0
11:15	3	9	0	0	12	0	1	0	0	1	0	0	0	0	0	0
11:30	7	10	0	0	17	0	0	0	0	0	0	0	0	0	0	0
11:45	4	15	0	0	19	0	1	0	0	1	0	0	0	0	0	0
12:00	6	18	0	0	24	0	1	0	0	1	0	0	0	0	0	0
12:15	14	14	0	0	28	0	1	0	0	1	0	0	0	0	0	0
12:30	11	18	0	0	29	1	0	0	0	1	0	0	0	0	0	0
12:45	12	12	0	0	24	2	2	0	0	4	0	0	0	0	0	0
SUBTOTAL	61	104	0	0	165	3	7	0	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	11	13	0	0	24	0	0	0	0	0	0	0	0	0	0	0
15:15	15	29	0	0	44	0	1	0	0	1	0	0	0	0	0	0
15:30	12	25	0	0	37	0	1	0	0	1	0	0	0	0	0	0
15:45	10	26	0	0	36	1	1	0	0	2	0	0	0	0	0	0
16:00	12	31	0	0	43	1	1	0	0	2	0	0	0	0	0	0
16:15	11	28	0	0	39	2	0	0	0	2	0	0	0	0	0	0
16:30	24	28	0	0	52	0	2	0	0	2	0	0	0	0	0	0
16:45	18	25	0	0	43	0	0	0	0	0	0	0	0	0	0	0
17:00	20	27	0	0	47	0	1	0	0	1	0	0	0	0	0	0
17:15	15	32	0	0	47	1	0	0	0	1	0	0	0	0	0	0
17:30	18	37	0	0	55	1	0	0	0	1	0	0	0	0	0	0
17:45	17	18	0	0	35	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	183	319	0	0	502	6	8	0	0	14	0	0	0	0	0	0
GRAND TOTAL	310	538	0	0	848	13	31	0	0	44	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	21	2	0	23	0	1	0	0	1	0	0	0	0	0	0
07:15	0	16	2	0	18	0	2	2	0	4	0	0	0	0	0	0
07:30	0	24	2	0	26	0	1	0	0	1	0	0	0	0	0	0
07:45	0	33	1	0	34	0	1	0	0	1	0	0	0	0	0	0
08:00	0	20	1	0	21	0	0	0	0	0	0	0	0	0	0	0
08:15	0	23	0	0	23	0	0	0	0	0	0	0	0	0	0	0
08:30	0	14	1	0	15	0	1	0	0	1	0	0	0	0	0	0
08:45	0	23	0	0	23	0	0	0	0	0	0	0	0	0	0	0
09:00	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
09:15	0	16	1	0	17	0	0	0	0	0	0	0	0	0	0	0
09:30	0	14	0	0	14	0	1	0	0	1	0	0	0	0	0	0
09:45	0	26	2	0	28	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	248	12	0	260	0	9	2	0	11	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
 Site Code: 2410700006
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	13	0	0	13	0	0	1	0	1	0	0	0	0	0	0
11:15	0	24	1	0	25	0	2	0	0	2	0	0	0	0	0	0
11:30	0	23	1	0	24	0	0	0	0	0	0	0	0	0	0	0
11:45	0	10	0	0	10	0	0	1	0	1	0	0	0	0	0	0
12:00	0	14	1	0	15	0	1	0	0	1	0	0	0	0	0	0
12:15	0	18	0	0	18	0	0	0	0	0	0	0	0	0	0	1
12:30	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
12:45	0	20	0	0	20	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	0	135	3	0	138	0	5	3	0	8	0	0	0	0	0	1

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - Ste Marie St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	14	2	0	16	0	1	0	0	1	0	0	0	0	0	0
15:15	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
15:30	0	13	1	0	14	0	1	0	0	1	0	0	0	0	0	0
15:45	0	20	3	0	23	0	0	0	0	0	0	0	0	0	0	0
16:00	0	17	3	0	20	0	1	0	0	1	0	0	0	0	0	0
16:15	0	24	1	0	25	0	2	1	0	3	0	0	0	0	0	0
16:30	0	13	3	0	16	0	1	0	0	1	0	0	0	0	0	0
16:45	0	17	1	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	0	23	3	0	26	0	0	0	0	0	0	0	0	0	0	0
17:30	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
17:45	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	200	18	0	218	0	6	1	0	7	0	0	0	0	0	0
GRAND TOTAL	0	583	33	0	616	0	20	6	0	26	0	0	0	0	0	1

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Ste Therese Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	0	18	0	19	1	0	0	0	1	0	0	0	0	0	0
07:15	3	0	20	0	23	1	0	0	0	1	0	0	0	0	0	0
07:30	2	0	27	0	29	0	0	1	0	1	0	0	0	0	0	0
07:45	1	0	12	0	13	0	0	1	0	1	0	0	0	0	0	0
08:00	0	0	22	0	22	1	0	2	0	3	0	0	0	0	0	0
08:15	3	0	20	0	23	0	0	0	0	0	0	0	0	0	0	0
08:30	3	0	6	0	9	0	0	1	0	1	0	0	0	0	0	0
08:45	2	0	6	0	8	0	0	1	0	1	0	0	0	0	0	0
09:00	1	0	13	0	14	0	0	0	0	0	0	0	0	0	0	0
09:15	2	0	7	0	9	0	0	0	0	0	0	0	0	0	0	0
09:30	1	0	6	0	7	1	0	1	0	2	0	0	0	0	0	0
09:45	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	19	0	161	0	180	4	0	7	0	11	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
 Site Code: 2410700006
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Ste Therese Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	0	9	0	10	0	0	1	0	1	0	0	0	0	0	0
11:15	2	0	9	0	11	1	0	0	0	1	0	0	0	0	0	0
11:30	2	0	9	0	11	1	0	0	0	1	0	0	0	0	0	0
11:45	1	0	8	0	9	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	8	0	8	0	0	1	0	1	0	0	0	0	0	0
12:15	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	6	0	7	0	0	1	0	1	0	0	0	0	0	0
12:45	1	0	6	0	7	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	9	0	57	0	66	3	0	3	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Ste Therese Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	0	5	0	6	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	10	0	11	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	3	0	11	0	14	1	0	0	0	1	0	0	0	0	0	0
16:00	1	0	11	0	12	1	0	1	0	2	0	0	0	0	0	0
16:15	1	0	7	0	8	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	6	0	7	1	0	0	0	1	0	0	0	0	0	0
16:45	4	0	10	0	14	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	8	0	9	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	9	0	10	0	0	0	0	0	0	0	0	0	0	0
17:30	1	0	9	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	1	0	8	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	16	0	99	0	115	3	0	1	0	4	0	0	0	0	0	0
GRAND TOTAL	44	0	317	0	361	10	0	11	0	21	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Ste Marie St runs N/S

North Approach

	Out	In	Total
	70	174	244
	4	8	12
	0	0	0
Totals	74	182	256




Ste Marie St

	0	0	0
	3	1	0
	42	28	0
Totals	45	29	0

Peds: 0






Peds: 0




Totals	97	8	0
	93	6	0
	4	2	0
	0	0	0

Ste Marie St




East Approach

	Out	In	Total
	87	34	121
	6	3	9
	0	0	0
Totals	93	37	130


Ste Therese Blvd

Totals			
0	0	0	0
85	81	4	0
8	6	2	0

South Approach

	Out	In	Total
	99	48	147
	6	5	11
	0	0	0
Totals	105	53	158

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Ste Marie St						South Approach Ste Marie St						East Approach Ste Therese Blvd						West Approach						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	6	9		0	0	15		18	4	0	0	22	4		20	0	0	24					0		61
07:30	8	7		0	0	15		25	2	0	0	27	2		28	0	0	30					0		72
07:45	6	15		0	0	21		34	1	0	0	35	1		13	0	0	14					0		70
08:00	9	14		0	0	23		20	1	0	0	21	1		24	0	0	25					0		69
Grand Total	29	45		0	0	74		97	8	0	0	105	8		85	0	0	93					0	0	272
Approach %	39.2	60.8		0	-	-		92.4	7.6	0	-	-	8.6		91.4	0	-	-					-	-	-
Totals %	10.7	16.5		0	-	27.2		35.7	2.9	0	-	38.6	2.9		31.3	0	-	34.2					0	-	-
PHF	0.81	0.75		0	-	0.8		0.71	0.5	0	-	0.75	0.5		0.76	0	-	0.78					0	-	0.94
Cars	28	42		0	-	70		93	6	0	-	99	6		81	0	-	87					0	-	256
% Cars	96.6	93.3		0	-	94.6		95.9	75	0	-	94.3	75		95.3	0	-	93.5					0	-	94.1
Trucks	1	3		0	-	4		4	2	0	-	6	2		4	0	-	6					0	-	16
% Trucks	3.4	6.7		0	-	5.4		4.1	25	0	-	5.7	25		4.7	0	-	6.5					0	-	5.9
Bicycles	0	0		0	-	0		0	0	0	-	0	0		0	0	-	0					0	-	0
% Bicycles	0	0		0	-	0		0	0	0	-	0	0		0	0	-	0					0	-	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Ste Marie St runs N/S

North Approach

	Out	In	Total
	105	87	192
	7	5	12
	0	0	0
Totals	112	92	204

Ste Marie St




	0	0	0
	4	3	0
	62	43	0
Totals	66	46	0

Peds: 0






Peds: 1




Totals	68	2	0
	65	1	0
	3	1	0
	0	0	0

Ste Marie St

East Approach

	Out	In	Total
	25	44	69
	3	4	7
	0	0	0
Totals	28	48	76


Ste Therese Blvd

Totals			
0	0	0	0
24	22	2	0
4	3	1	0

South Approach

Out	In	Total
66	65	131
4	5	9
0	0	0
70	70	140

 - Cars

 - Trucks

























 - Bicycles

Comments

Peak Hour Summary

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

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

	North Approach Ste Marie St						South Approach Ste Marie St						East Approach Ste Therese Blvd						West Approach						Total Vehicles				
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total					
12:00	6	19		0	0	25		15	1	0	0	16	0		9	0	0	0	9					0					
12:15	14	15		0	0	29		18	0	0	1	18	1		2	0	0	3	0										
12:30	12	18		0	0	30		15	0	0	0	15	1		7	0	0	8	0										
12:45	14	14		0	0	28		20	1	0	0	21	2		6	0	0	8	0										
Grand Total	46	66		0	0	112		68	2	0	1	70	4		24	0	0	28					0	0	210				
Approach %	41.1	58.9		0		-		97.1	2.9	0		-	14.3		85.7	0		-					-						
Totals %	21.9	31.4		0		53.3		32.4	1	0		33.3	1.9		11.4	0		13.3					0						
PHF	0.82	0.87		0		0.93		0.85	0.5	0		0.83	0.5		0.67	0		0.78					0		0.92				
Cars	43	62		0		105		65	1	0		66	3		22	0		25					0		196				
% Cars	93.5	93.9		0		93.8		95.6	50	0		94.3	75		91.7	0		89.3					0		93.3				
Trucks	3	4		0		7		3	1	0		4	1		2	0		3					0		14				
% Trucks	6.5	6.1		0		6.3		4.4	50	0		5.7	25		8.3	0		10.7					0		6.7				
Bicycles	0	0		0		0		0	0	0		0	0		0	0		0					0		0				
% Bicycles	0	0		0		0		0	0	0		0	0		0	0		0					0		0				
Peds						0	-						1	-						0	-						0	-	1
% Peds						0	-						100	-						0	-						0	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:45:00
To: 17:45:00




Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Ste Marie St runs N/S

North Approach

	Out	In	Total
	192	108	300
	3	0	3
	0	0	0
Totals	195	108	303

Ste Marie St




	0	0	0
	1	2	0
	121	71	0
Totals	122	73	0

Peds: 0






Peds: 0




Totals	72	4	0
	72	4	0
	0	0	0
	0	0	0

Ste Marie St




East Approach

	Out	In	Total
	43	75	118
	0	2	2
	0	0	0
Totals	43	77	120


Ste Therese Blvd

Totals			
0	0	0	0
36	36	0	0
7	7	0	0

South Approach

	Out	In	Total
	76	128	204
	0	1	1
	0	0	0
Totals	76	129	205

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Ste Marie St & Ste Therese Blvd
Site Code: 2410700006
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:45 - 17:45)

	North Approach Ste Marie St						South Approach Ste Marie St						East Approach Ste Therese Blvd						West Approach						Total Vehicles		
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total			
16:45	18	25		0	0	43		17	1	0	0	18	4		10	0	0	14					0		75		
17:00	20	28		0	0	48		17	0	0	0	17	1		8	0	0	9					0		74		
17:15	16	32		0	0	48		23	3	0	0	26	1		9	0	0	10					0		84		
17:30	19	37		0	0	56		15	0	0	0	15	1		9	0	0	10					0		81		
Grand Total	73	122		0	0	195		72	4	0	0	76	7		36	0	0	43					0	0	314		
Approach %	37.4	62.6		0		-		94.7	5.3	0		-	16.3		83.7	0		-						-			
Totals %	23.2	38.9		0		62.1		22.9	1.3	0		24.2	2.2		11.5	0		13.7					0				
PHF	0.91	0.82		0		0.87		0.78	0.33	0		0.73	0.44		0.9	0		0.77					0		0.93		
Cars	71	121		0		192		72	4	0		76	7		36	0		43					0		311		
% Cars	97.3	99.2		0		98.5		100	100	0		100	100		100	0		100					0		99		
Trucks	2	1		0		3		0	0	0		0	0		0	0		0					0		3		
% Trucks	2.7	0.8		0		1.5		0	0	0		0	0		0	0		0					0		1		
Bicycles	0	0		0		0		0	0	0		0	0		0	0		0					0		0		
% Bicycles	0	0		0		0		0	0	0		0	0		0	0		0					0		0		
Peds						0	-						0	-						0	-						0
% Peds						0	-						0	-						0	-						

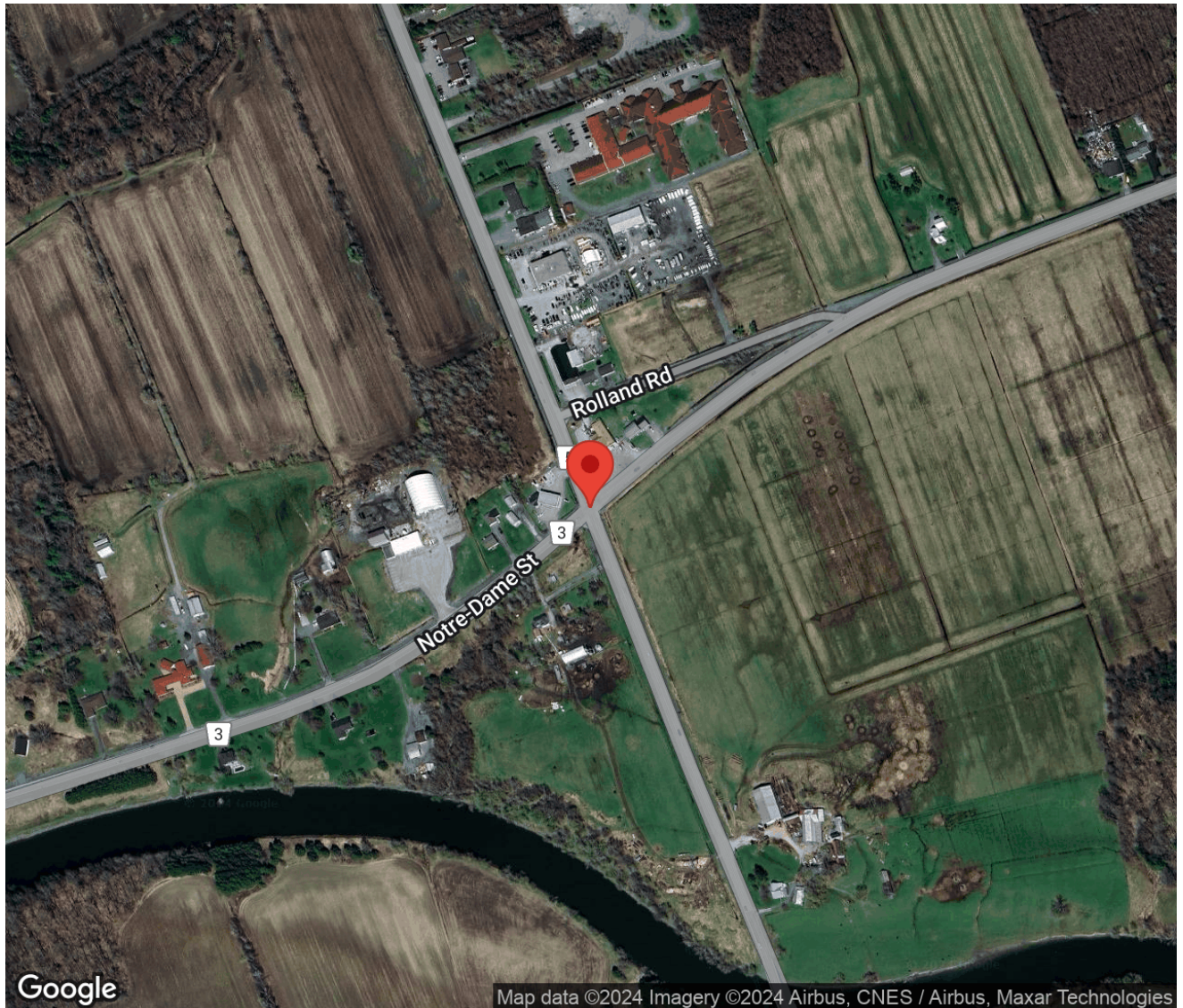
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700007
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
Site Code:	2410700007
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Limoges Rd - St Albert Rd W & Notre Dame
St - Rte 500 W
Site Code: 2410700007
Municipality: Russell Twp
Count Date: Mar 21, 2024

Limoges Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	32	76	43	0	151	0	23	233	38	0	294	0	445
08:00 - 09:00	55	77	51	0	183	0	38	147	33	0	218	0	401
09:00 - 10:00	59	63	43	0	165	0	23	110	33	0	166	0	331
BREAK													
11:00 - 12:00	52	60	52	0	164	0	27	92	20	0	139	0	303
12:00 - 13:00	42	85	56	0	183	0	29	83	21	0	133	0	316
BREAK													
15:00 - 16:00	136	184	51	0	371	0	27	73	29	0	129	0	500
16:00 - 17:00	149	256	51	0	456	0	17	106	32	0	155	0	611
17:00 - 18:00	133	177	47	0	357	0	25	105	16	0	146	0	503
GRAND TOTAL	658	978	394	0	2030	0	209	949	222	0	1380	0	3410

Traffic Count Summary

Intersection: Limoges Rd - St Albert Rd W & Notre Dame
St - Rte 500 W
Site Code: 2410700007
Municipality: Russell Twp
Count Date: Mar 21, 2024

Rte 500 W - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	23	116	144	0	283	0	64	67	16	0	147	0	430
08:00 - 09:00	27	98	99	0	224	0	58	74	16	0	148	0	372
09:00 - 10:00	32	105	51	0	188	0	37	91	26	0	154	0	342
BREAK													
11:00 - 12:00	21	71	50	0	142	0	54	92	32	0	178	0	320
12:00 - 13:00	16	98	49	0	163	0	54	85	26	0	165	0	328
BREAK													
15:00 - 16:00	39	142	56	0	237	0	67	163	39	0	269	0	506
16:00 - 17:00	52	124	70	0	246	0	87	158	37	0	282	0	528
17:00 - 18:00	41	108	58	0	207	0	66	132	37	0	235	0	442
GRAND TOTAL	251	862	577	0	1690	0	487	862	229	0	1578	0	3268

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Limoges Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	6	15	6	0	27	0	2	0	0	2	0	0	0	0	0	0
07:15	5	16	8	0	29	1	3	1	0	5	0	0	0	0	0	0
07:30	9	14	9	0	32	2	1	1	0	4	0	0	0	0	0	0
07:45	7	22	17	0	46	2	3	1	0	6	0	0	0	0	0	0
08:00	13	21	11	0	45	2	6	2	0	10	0	0	0	0	0	0
08:15	14	21	13	0	48	1	2	2	0	5	0	0	0	0	0	0
08:30	8	11	12	0	31	0	3	0	0	3	0	0	0	0	0	0
08:45	16	11	10	0	37	1	2	1	0	4	0	0	0	0	0	0
09:00	13	13	5	0	31	0	0	2	0	2	0	0	0	0	0	0
09:15	14	18	7	0	39	3	4	1	0	8	0	0	0	0	0	0
09:30	14	11	13	0	38	3	3	1	0	7	0	0	0	0	0	0
09:45	11	12	14	0	37	1	2	0	0	3	0	0	0	0	0	0
SUBTOTAL	130	185	125	0	440	16	31	12	0	59	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Limoges Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	15	15	12	0	42	2	3	1	0	6	0	0	0	0	0	0
11:15	18	10	9	0	37	0	4	4	0	8	0	0	0	0	0	0
11:30	6	12	15	0	33	0	2	2	0	4	0	0	0	0	0	0
11:45	10	12	9	0	31	1	2	0	0	3	0	0	0	0	0	0
12:00	12	22	10	0	44	0	1	2	0	3	0	0	0	0	0	0
12:15	13	15	14	0	42	0	1	1	0	2	0	0	0	0	0	0
12:30	8	16	10	0	34	0	5	3	0	8	0	0	0	0	0	0
12:45	8	23	15	0	46	1	2	1	0	4	0	0	0	0	0	0
SUBTOTAL	90	125	94	0	309	4	20	14	0	38	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Limoges Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	19	32	8	0	59	3	5	1	0	9	0	0	0	0	0	0
15:15	27	44	14	0	85	1	1	2	0	4	0	0	0	0	0	0
15:30	39	50	14	0	103	1	2	1	0	4	0	0	0	0	0	0
15:45	46	47	11	0	104	0	3	0	0	3	0	0	0	0	0	0
16:00	29	55	13	0	97	0	5	0	0	5	0	0	0	0	0	0
16:15	36	59	15	0	110	1	4	0	0	5	0	0	0	0	0	0
16:30	38	68	10	0	116	0	3	0	0	3	0	0	0	0	0	0
16:45	44	62	13	0	119	1	0	0	0	1	0	0	0	0	0	0
17:00	40	41	14	0	95	1	2	1	0	4	0	0	0	0	0	0
17:15	40	59	9	0	108	0	0	0	0	0	0	0	0	0	0	0
17:30	26	36	15	0	77	2	1	0	0	3	0	0	0	0	0	0
17:45	24	36	8	0	68	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	408	589	144	0	1141	10	28	5	0	43	0	0	0	0	0	0
GRAND TOTAL	628	899	363	0	1890	30	79	31	0	140	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - St Albert Rd W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	6	61	3	0	70	1	5	4	0	10	0	0	0	0	0	0
07:15	6	59	9	0	74	0	3	3	0	6	0	0	0	0	0	0
07:30	7	44	8	0	59	0	4	2	0	6	0	0	0	0	0	0
07:45	3	55	6	0	64	0	2	3	0	5	0	0	0	0	0	0
08:00	9	47	7	0	63	2	3	1	0	6	0	0	0	0	0	0
08:15	12	34	6	0	52	1	7	5	0	13	0	0	0	0	0	0
08:30	5	30	7	0	42	0	1	0	0	1	0	0	0	0	0	0
08:45	8	22	5	0	35	1	3	2	0	6	0	0	0	0	0	0
09:00	9	22	4	0	35	1	4	1	0	6	0	0	0	0	0	0
09:15	7	29	13	0	49	0	5	3	0	8	0	0	0	0	0	0
09:30	4	26	4	0	34	0	3	2	0	5	0	0	0	0	0	0
09:45	2	20	4	0	26	0	1	2	0	3	0	0	0	0	0	0
SUBTOTAL	78	449	76	0	603	6	41	28	0	75	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - St Albert Rd W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	7	23	2	0	32	0	2	2	0	4	0	0	0	0	0	0
11:15	6	14	1	0	21	0	3	4	0	7	0	0	0	0	0	0
11:30	8	20	3	0	31	1	3	1	0	5	0	0	0	0	0	0
11:45	4	22	6	0	32	1	5	1	0	7	0	0	0	0	0	0
12:00	4	12	2	0	18	1	1	4	0	6	0	0	0	0	0	0
12:15	6	22	4	0	32	1	2	3	0	6	0	0	0	0	0	0
12:30	5	21	4	0	30	0	1	1	0	2	0	0	0	0	0	0
12:45	12	22	3	0	37	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	52	156	25	0	233	4	19	16	0	39	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - St Albert Rd W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	9	18	5	0	32	0	4	1	0	5	0	0	0	0	0	0
15:15	3	22	3	0	28	0	2	0	0	2	0	0	0	0	0	0
15:30	6	9	10	0	25	0	1	1	0	2	0	0	0	0	0	0
15:45	9	15	9	0	33	0	2	0	0	2	0	0	0	0	0	0
16:00	3	19	1	0	23	1	4	1	0	6	0	0	0	0	0	0
16:15	6	29	5	0	40	0	2	1	0	3	0	0	0	0	0	0
16:30	3	29	15	0	47	0	5	1	0	6	0	0	0	0	0	0
16:45	4	15	8	0	27	0	3	0	0	3	0	0	0	0	0	0
17:00	6	29	3	0	38	0	1	0	0	1	0	0	0	0	0	0
17:15	4	28	6	0	38	0	0	0	0	0	0	0	0	0	0	0
17:30	10	21	3	0	34	0	0	1	0	1	0	0	0	0	0	0
17:45	5	26	3	0	34	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	68	260	71	0	399	1	24	6	0	31	0	0	0	0	0	0
GRAND TOTAL	198	865	172	0	1235	11	84	50	0	145	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Rte 500 W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	2	18	40	0	60	0	0	2	0	2	0	0	0	0	0	0
07:15	5	22	36	0	63	1	4	0	0	5	0	0	0	0	0	0
07:30	6	36	31	0	73	2	3	0	0	5	0	0	0	0	0	0
07:45	5	32	34	0	71	2	1	1	0	4	0	0	0	0	0	0
08:00	6	20	32	0	58	3	2	0	0	5	0	0	0	0	0	0
08:15	1	16	25	0	42	1	2	1	0	4	0	0	0	0	0	0
08:30	5	28	20	0	53	3	3	0	0	6	0	0	0	0	0	0
08:45	5	26	20	0	51	3	1	1	0	5	0	0	0	0	0	0
09:00	4	18	13	0	35	2	2	1	0	5	0	0	0	0	0	0
09:15	8	23	6	0	37	0	1	0	0	1	0	0	0	0	0	0
09:30	9	38	17	0	64	6	2	1	0	9	0	0	0	0	0	0
09:45	2	21	12	0	35	1	0	1	0	2	0	0	0	0	0	0
SUBTOTAL	58	298	286	0	642	24	21	8	0	53	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Rte 500 W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	2	20	15	0	37	2	0	0	0	2	0	0	0	0	0	0
11:15	2	15	8	0	25	2	2	0	0	4	0	0	0	0	0	0
11:30	1	13	12	0	26	4	1	0	0	5	0	0	0	0	0	0
11:45	4	19	13	0	36	4	1	2	0	7	0	0	0	0	0	0
12:00	6	27	14	0	47	0	2	2	0	4	0	0	0	0	0	0
12:15	1	23	12	0	36	0	0	1	0	1	0	0	0	0	0	0
12:30	2	15	12	0	29	2	3	0	0	5	0	0	0	0	0	0
12:45	5	28	8	0	41	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	23	160	94	0	277	14	9	5	0	28	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Rte 500 W

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	6	29	14	0	49	1	1	2	0	4	0	0	0	0	0	0
15:15	5	25	7	0	37	0	1	1	0	2	0	0	0	0	0	0
15:30	8	33	10	0	51	0	0	2	0	2	0	0	0	0	0	0
15:45	19	49	18	0	86	0	4	2	0	6	0	0	0	0	0	0
16:00	15	29	18	0	62	2	1	1	0	4	0	0	0	0	0	0
16:15	9	30	18	0	57	0	1	0	0	1	0	0	0	0	0	0
16:30	14	31	16	0	61	1	1	1	0	3	0	0	0	0	0	0
16:45	11	31	15	0	57	0	0	1	0	1	0	0	0	0	0	0
17:00	13	32	20	0	65	0	0	0	0	0	0	0	0	0	0	0
17:15	9	17	15	0	41	0	1	0	0	1	0	0	0	0	0	0
17:30	10	29	9	0	48	1	1	0	0	2	0	0	0	0	0	0
17:45	8	28	14	0	50	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	127	363	174	0	664	5	11	10	0	26	0	0	0	0	0	0
GRAND TOTAL	208	821	554	0	1583	43	41	23	0	107	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	8	18	3	0	29	0	1	0	0	1	0	0	0	0	0	0
07:15	21	17	3	0	41	2	1	0	0	3	0	0	0	0	0	0
07:30	18	20	5	0	43	2	1	0	0	3	0	0	0	0	0	0
07:45	13	8	5	0	26	0	1	0	0	1	0	0	0	0	0	0
08:00	17	21	2	0	40	2	2	0	0	4	0	0	0	0	0	0
08:15	12	14	4	0	30	3	0	1	0	4	0	0	0	0	0	0
08:30	12	20	8	0	40	3	0	1	0	4	0	0	0	0	0	0
08:45	9	15	0	0	24	0	2	0	0	2	0	0	0	0	0	0
09:00	10	16	8	0	34	2	2	1	0	5	0	0	0	0	0	0
09:15	4	34	5	0	43	2	2	0	0	4	0	0	0	0	0	0
09:30	10	12	6	0	28	0	2	0	0	2	0	0	0	0	0	0
09:45	8	23	6	0	37	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	142	218	55	0	415	17	14	3	0	34	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	12	23	6	0	41	1	0	2	0	3	0	0	0	0	0	0
11:15	11	17	6	0	34	0	2	0	0	2	0	0	0	0	0	0
11:30	14	17	4	0	35	1	2	2	0	5	0	0	0	0	0	0
11:45	14	31	12	0	57	1	0	0	0	1	0	0	0	0	0	0
12:00	10	18	4	0	32	3	1	2	0	6	0	0	0	0	0	0
12:15	7	17	6	0	30	1	1	0	0	2	0	0	0	0	0	0
12:30	11	28	3	0	42	2	0	1	0	3	0	0	0	0	0	0
12:45	19	20	8	0	47	1	0	2	0	3	0	0	0	0	0	0
SUBTOTAL	98	171	49	0	318	10	6	9	0	25	0	0	0	0	0	0

Traffic Count Data

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	13	28	3	0	44	5	0	1	0	6	0	0	0	0	0	0
15:15	16	35	6	0	57	0	1	3	0	4	0	0	0	0	0	0
15:30	20	57	8	0	85	0	1	1	0	2	0	0	0	0	0	0
15:45	13	39	17	0	69	0	2	0	0	2	0	0	0	0	0	0
16:00	23	32	7	0	62	2	1	1	0	4	0	0	0	0	0	0
16:15	24	40	7	0	71	0	1	1	0	2	0	0	0	0	0	0
16:30	21	44	11	0	76	0	1	1	0	2	0	0	0	0	0	0
16:45	17	38	9	0	64	0	1	0	0	1	0	0	0	0	0	0
17:00	15	33	13	0	61	0	0	0	0	0	0	0	0	0	0	0
17:15	21	31	12	0	64	2	1	0	0	3	0	0	0	0	0	0
17:30	16	32	6	0	54	0	0	0	0	0	0	0	0	0	0	0
17:45	12	35	6	0	53	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	211	444	105	0	760	9	9	8	0	26	0	0	0	0	0	0
GRAND TOTAL	451	833	209	0	1493	36	29	20	0	85	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
Site Code: 2410700007
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Limoges Rd runs N/S

North Approach




	Out	In	Total
	152	407	559
	25	19	44
	0	0	0
Totals	177	426	603

Limoges Rd




	0	0	0	0
	5	13	7	0
	45	73	34	0
Totals	50	86	41	0










East Approach

	Out	In	Total
	265	130	395
	19	21	40
	0	0	0
Totals	284	151	435

Notre Dame St

				Totals
	0	0	0	0
	0	6	69	75
	0	5	66	71
	0	0	15	15

Peds: 0










Peds: 0

Peds: 0




Peds: 0








Rte 500 W

Totals			
0	0	0	0
134	133	1	0
120	110	10	0
30	22	8	0




West Approach

	Out	In	Total
	150	180	330
	11	17	28
	0	0	0
Totals	161	197	358


				
Totals	27	217	39	0
	25	205	30	0
	2	12	9	0
	0	0	0	0

St Albert Rd W

South Approach

	Out	In	Total
	260	110	370
	23	21	44
	0	0	0
Totals	283	131	414

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Count Date: Mar 21, 2024
 Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Limoges Rd						South Approach St Albert Rd W						East Approach Rte 500 W						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	6	19	9	0	0	34	6	62	12	0	0	80	6	26	36	0	0	68	23	18	3	0	0	44	226
07:30	11	15	10	0	0	36	7	48	10	0	0	65	8	39	31	0	0	78	20	21	5	0	0	46	225
07:45	9	25	18	0	0	52	3	57	9	0	0	69	7	33	35	0	0	75	13	9	5	0	0	27	223
08:00	15	27	13	0	0	55	11	50	8	0	0	69	9	22	32	0	0	63	19	23	2	0	0	44	231
Grand Total	41	86	50	0	0	177	27	217	39	0	0	283	30	120	134	0	0	284	75	71	15	0	0	161	905
Approach %	23.2	48.6	28.2	0	-	-	9.5	76.7	13.8	0	-	-	10.6	42.3	47.2	0	-	-	46.6	44.1	9.3	0	-	-	-
Totals %	4.5	9.5	5.5	0	-	19.6	3	24	4.3	0	-	31.3	3.3	13.3	14.8	0	-	31.4	8.3	7.8	1.7	0	-	17.8	-
PHF	0.68	0.8	0.69	0	-	0.8	0.61	0.88	0.81	0	-	0.88	0.83	0.77	0.93	0	-	0.91	0.82	0.77	0.75	0	-	0.88	0.98
Cars	34	73	45	0	-	152	25	205	30	0	-	260	22	110	133	0	-	265	69	66	15	0	-	150	827
% Cars	82.9	84.9	90	0	-	85.9	92.6	94.5	76.9	0	-	91.9	73.3	91.7	99.3	0	-	93.3	92	93	100	0	-	93.2	91.4
Trucks	7	13	5	0	-	25	2	12	9	0	-	23	8	10	1	0	-	19	6	5	0	0	-	11	78
% Trucks	17.1	15.1	10	0	-	14.1	7.4	5.5	23.1	0	-	8.1	26.7	8.3	0.7	0	-	6.7	8	7	0	0	-	6.8	8.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
Site Code: 2410700007
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Limoges Rd runs N/S

North Approach




	Out	In	Total
	166	170	336
	17	16	33
	0	0	0
Totals	183	186	369

Limoges Rd




	0	0	0	0
	7	9	1	0
	49	76	41	0
Totals	56	85	42	0










East Approach

	Out	In	Total
	153	137	290
	10	11	21
	0	0	0
Totals	163	148	311

Notre Dame St

				Totals
0	0	0	0	0
0	0	7	47	54
0	0	2	83	85
0	0	5	21	26

Peds: 0










Peds: 0

Peds: 0




Peds: 0








Rte 500 W

Totals			
0	0	0	0
49	46	3	0
98	93	5	0
16	14	2	0




West Approach

	Out	In	Total
	151	169	320
	14	14	28
	0	0	0
Totals	165	183	348


				
Totals	29	83	21	0
	27	77	13	0
	2	6	8	0
	0	0	0	0

St Albert Rd W

South Approach

	Out	In	Total
	117	111	228
	16	16	32
	0	0	0
Totals	133	127	260

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Count Date: Mar 21, 2024
 Period: 11:00 - 13:00

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

Start Time	North Approach Limoges Rd						South Approach St Albert Rd W						East Approach Rte 500 W						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	12	23	12	0	0	47	5	13	6	0	0	24	6	29	16	0	0	51	13	19	6	0	0	38	160
12:15	13	16	15	0	0	44	7	24	7	0	0	38	1	23	13	0	0	37	8	18	6	0	0	32	151
12:30	8	21	13	0	0	42	5	22	5	0	0	32	4	18	12	0	0	34	13	28	4	0	0	45	153
12:45	9	25	16	0	0	50	12	24	3	0	0	39	5	28	8	0	0	41	20	20	10	0	0	50	180
Grand Total	42	85	56	0	0	183	29	83	21	0	0	133	16	98	49	0	0	163	54	85	26	0	0	165	644
Approach %	23	46.4	30.6	0	-	-	21.8	62.4	15.8	0	-	-	9.8	60.1	30.1	0	-	-	32.7	51.5	15.8	0	-	-	-
Totals %	6.5	13.2	8.7	0	-	28.4	4.5	12.9	3.3	0	-	20.7	2.5	15.2	7.6	0	-	25.3	8.4	13.2	4	0	-	25.6	-
PHF	0.81	0.85	0.88	0	-	0.92	0.6	0.86	0.75	0	-	0.85	0.67	0.84	0.77	0	-	0.8	0.68	0.76	0.65	0	-	0.83	0.89
Cars	41	76	49	0	-	166	27	77	13	0	-	117	14	93	46	0	-	153	47	83	21	0	-	151	587
% Cars	97.6	89.4	87.5	0	-	90.7	93.1	92.8	61.9	0	-	88	87.5	94.9	93.9	0	-	93.9	87	97.6	80.8	0	-	91.5	91.1
Trucks	1	9	7	0	-	17	2	6	8	0	-	16	2	5	3	0	-	10	7	2	5	0	-	14	57
% Trucks	2.4	10.6	12.5	0	-	9.3	6.9	7.2	38.1	0	-	12	12.5	5.1	6.1	0	-	6.1	13	2.4	19.2	0	-	8.5	8.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
Site Code: 2410700007
Count Date: Mar 21, 2024

Weather conditions: Clear




** Unsignalized Intersection **





Major Road: Limoges Rd runs N/S

North Approach




	Out	In	Total
	427	243	670
	16	19	35
	0	0	0
Totals	443	262	705

Limoges Rd




	0	0	0	0
	0	15	1	0
	49	229	149	0
Totals	49	244	150	0










East Approach

	Out	In	Total
	266	334	600
	14	9	23
	0	0	0
Totals	280	343	623

Notre Dame St

				Totals
0	0	0	0	0
0	2	81		83
0	5	155		160
0	3	42		45

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 500 W

Totals			
0	0	0	0
74	70	4	0
146	139	7	0
60	57	3	0




West Approach

	Out	In	Total
	278	209	487
	10	8	18
	0	0	0
Totals	288	217	505


Totals				
	21	92	30	0
	1	13	3	0
	0	0	0	0

St Albert Rd W

South Approach

	Out	In	Total
	143	328	471
	17	21	38
	0	0	0
Totals	160	349	509

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Limoges Rd - St Albert Rd W & Notre Dame St - Rte 500 W
 Site Code: 2410700007
 Count Date: Mar 21, 2024
 Period: 15:00 - 18:00

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

Start Time	North Approach Limoges Rd						South Approach St Albert Rd W						East Approach Rte 500 W						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	46	50	11	0	0	107	9	17	9	0	0	35	19	53	20	0	0	92	13	41	17	0	0	71	305
16:00	29	60	13	0	0	102	4	23	2	0	0	29	17	30	19	0	0	66	25	33	8	0	0	66	263
16:15	37	63	15	0	0	115	6	31	6	0	0	43	9	31	18	0	0	58	24	41	8	0	0	73	289
16:30	38	71	10	0	0	119	3	34	16	0	0	53	15	32	17	0	0	64	21	45	12	0	0	78	314
Grand Total	150	244	49	0	0	443	22	105	33	0	0	160	60	146	74	0	0	280	83	160	45	0	0	288	1171
Approach %	33.9	55.1	11.1	0	-	-	13.8	65.6	20.6	0	-	-	21.4	52.1	26.4	0	-	-	28.8	55.6	15.6	0	-	-	-
Totals %	12.8	20.8	4.2	0	-	37.8	1.9	9	2.8	0	-	13.7	5.1	12.5	6.3	0	-	23.9	7.1	13.7	3.8	0	-	24.6	-
PHF	0.82	0.86	0.82	0	-	0.93	0.61	0.77	0.52	0	-	0.75	0.79	0.69	0.93	0	-	0.76	0.83	0.89	0.66	0	-	0.92	0.93
Cars	149	229	49	0	-	427	21	92	30	0	-	143	57	139	70	0	-	266	81	155	42	0	-	278	1114
% Cars	99.3	93.9	100	0	-	96.4	95.5	87.6	90.9	0	-	89.4	95	95.2	94.6	0	-	95	97.6	96.9	93.3	0	-	96.5	95.1
Trucks	1	15	0	0	-	16	1	13	3	0	-	17	3	7	4	0	-	14	2	5	3	0	-	10	57
% Trucks	0.7	6.1	0	0	-	3.6	4.5	12.4	9.1	0	-	10.6	5	4.8	5.4	0	-	5	2.4	3.1	6.7	0	-	3.5	4.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

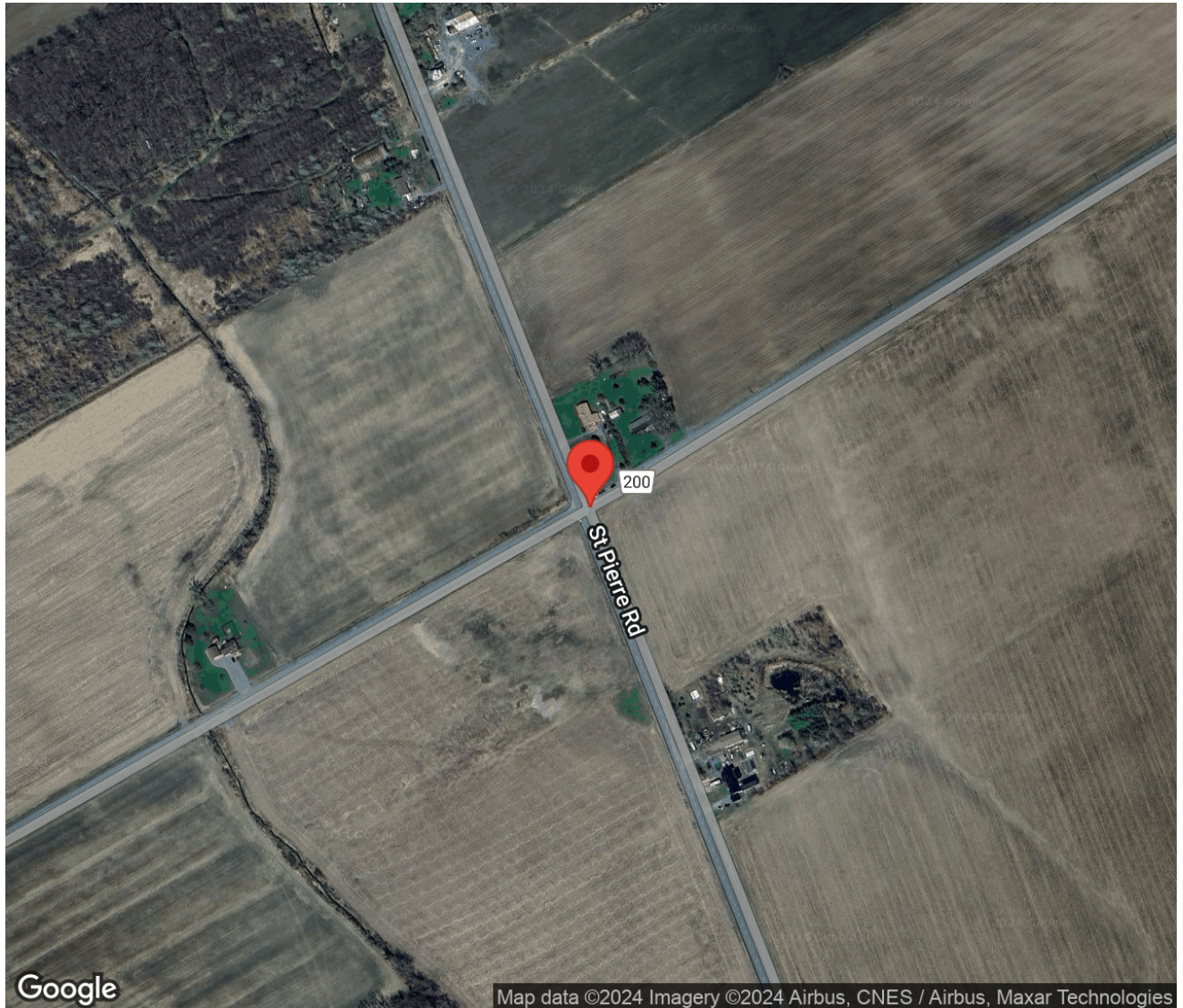
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: St Pierre Rd & Route 200
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700008
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	St Pierre Rd & Route 200
Site Code:	2410700008
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: St Pierre Rd & Route 200
 Site Code: 2410700008
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

St Pierre Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	9	21	1	0	31	0	9	246	1	0	256	0	287
08:00 - 09:00	10	34	4	0	48	0	4	135	0	0	139	0	187
09:00 - 10:00	6	18	4	0	28	0	5	77	0	0	82	0	110
BREAK													
11:00 - 12:00	8	34	0	0	42	0	3	47	3	0	53	0	95
12:00 - 13:00	6	42	0	0	48	0	6	48	1	0	55	0	103
BREAK													
15:00 - 16:00	34	148	3	0	185	0	1	57	2	0	60	0	245
16:00 - 17:00	55	185	2	0	242	0	6	66	2	0	74	0	316
17:00 - 18:00	33	149	2	0	184	0	2	55	0	0	57	0	241
GRAND TOTAL	161	631	16	0	808	0	36	731	9	0	776	0	1584

Traffic Count Summary

Intersection: St Pierre Rd & Route 200
 Site Code: 2410700008
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Route 200 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	37	64	0	101	0	2	14	1	0	17	0	118
08:00 - 09:00	0	18	30	0	48	0	3	5	3	0	11	0	59
09:00 - 10:00	2	14	19	0	35	0	1	10	7	0	18	0	53
BREAK													
11:00 - 12:00	1	7	8	0	16	0	1	9	4	0	14	0	30
12:00 - 13:00	3	3	8	0	14	0	1	16	7	0	24	0	38
BREAK													
15:00 - 16:00	1	9	12	0	22	0	3	23	11	0	37	0	59
16:00 - 17:00	1	9	20	0	30	0	3	37	21	0	61	0	91
17:00 - 18:00	1	9	12	0	22	0	3	35	11	0	49	0	71
GRAND TOTAL	9	106	173	0	288	0	17	149	65	0	231	0	519

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:15	1	3	0	0	4	1	1	0	0	2	0	0	0	0	0	0
07:30	4	3	0	0	7	0	1	0	0	1	0	0	0	0	0	0
07:45	3	6	1	0	10	0	0	0	0	0	0	0	0	0	0	0
08:00	2	6	2	0	10	1	0	0	0	1	0	0	0	0	0	0
08:15	4	9	0	0	13	0	0	0	0	0	0	0	0	0	0	0
08:30	3	5	1	0	9	0	1	0	0	1	0	0	0	0	0	0
08:45	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
09:00	0	1	1	0	2	1	1	0	0	2	0	0	0	0	0	0
09:15	3	8	1	0	12	0	0	1	0	1	0	0	0	0	0	0
09:30	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:45	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	22	69	8	0	99	3	4	1	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
 Site Code: 2410700008
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
11:15	4	8	0	0	12	0	0	0	0	0	0	0	0	0	0	0
11:30	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	0
11:45	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	1	12	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:15	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:30	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:45	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	14	75	0	0	89	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	8	34	0	0	42	0	0	0	0	0	0	0	0	0	0	0
15:15	10	33	1	0	44	0	0	0	0	0	0	0	0	0	0	0
15:30	6	34	0	0	40	0	0	1	0	1	0	0	0	0	0	0
15:45	10	47	1	0	58	0	0	0	0	0	0	0	0	0	0	0
16:00	12	44	1	0	57	0	2	0	0	2	0	0	0	0	0	0
16:15	18	49	0	0	67	0	2	0	0	2	0	0	0	0	0	0
16:30	12	51	1	0	64	2	0	0	0	2	0	0	0	0	0	0
16:45	11	37	0	0	48	0	0	0	0	0	0	0	0	0	0	0
17:00	12	45	2	0	59	1	0	0	0	1	0	0	0	0	0	0
17:15	11	41	0	0	52	0	0	0	0	0	0	0	0	0	0	0
17:30	5	33	0	0	38	0	0	0	0	0	0	0	0	0	0	0
17:45	4	30	0	0	34	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	119	478	6	0	603	3	4	1	0	8	0	0	0	0	0	0
GRAND TOTAL	155	622	14	0	791	6	9	2	0	17	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	4	59	0	0	63	0	0	0	0	0	0	0	0	0	0	0
07:15	2	63	0	0	65	0	0	0	0	0	0	0	0	0	0	0
07:30	3	65	1	0	69	0	0	0	0	0	0	0	0	0	0	0
07:45	0	58	0	0	58	0	1	0	0	1	0	0	0	0	0	0
08:00	0	35	0	0	35	0	0	0	0	0	0	0	0	0	0	0
08:15	1	47	0	0	48	1	0	0	0	1	0	0	0	0	0	0
08:30	1	32	0	0	33	0	1	0	0	1	0	0	0	0	0	0
08:45	1	19	0	0	20	0	1	0	0	1	0	0	0	0	0	0
09:00	1	23	0	0	24	0	1	0	0	1	0	0	0	0	0	0
09:15	2	23	0	0	25	1	0	0	0	1	0	0	0	0	0	0
09:30	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
09:45	1	11	0	0	12	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	16	453	1	0	470	2	5	0	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
11:15	1	14	1	0	16	0	0	0	0	0	0	0	0	0	0	0
11:30	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
11:45	1	12	1	0	14	0	1	0	0	1	0	0	0	0	0	0
12:00	3	14	0	0	17	0	0	0	0	0	0	0	0	0	0	0
12:15	1	17	0	0	18	0	0	0	0	0	0	0	0	0	0	0
12:30	1	12	1	0	14	0	0	0	0	0	0	0	0	0	0	0
12:45	1	4	0	0	5	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	9	93	4	0	106	0	2	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:15	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0
15:30	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
15:45	1	14	1	0	16	0	1	0	0	1	0	0	0	0	0	0
16:00	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
16:15	2	19	1	0	22	0	0	0	0	0	0	0	0	0	0	0
16:30	3	14	1	0	18	0	0	0	0	0	0	0	0	0	0	0
16:45	1	17	0	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
17:30	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
17:45	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	176	4	0	189	0	2	0	0	2	0	0	0	0	0	0
GRAND TOTAL	34	722	9	0	765	2	9	0	0	11	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	9	17	0	26	0	0	0	0	0	0	0	0	0	0	0
07:15	0	9	19	0	28	0	2	1	0	3	0	0	0	0	0	0
07:30	0	11	12	0	23	0	1	0	0	1	0	0	0	0	0	0
07:45	0	5	15	0	20	0	0	0	0	0	0	0	0	0	0	0
08:00	0	4	7	0	11	0	0	0	0	0	0	0	0	0	0	0
08:15	0	7	8	0	15	0	0	0	0	0	0	0	0	0	0	0
08:30	0	5	12	0	17	0	0	0	0	0	0	0	0	0	0	0
08:45	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	0	6	8	0	14	0	0	0	0	0	0	0	0	0	0	0
09:15	1	2	8	0	11	1	1	0	0	2	0	0	0	0	0	0
09:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:45	0	2	3	0	5	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	1	63	112	0	176	1	6	1	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
 Site Code: 2410700008
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	0	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	1	3	4	0	8	0	0	0	0	0	0	0	0	0	0	0
12:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:15	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	0	1	2	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	4	9	16	0	29	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	3	5	0	8	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
15:30	1	5	1	0	7	0	0	2	0	2	0	0	0	0	0	0
15:45	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
16:00	0	1	6	0	7	0	0	0	0	0	0	0	0	0	0	0
16:15	1	4	7	0	12	0	0	0	0	0	0	0	0	0	0	0
16:30	0	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
17:00	0	3	6	0	9	0	1	0	0	1	0	0	0	0	0	0
17:15	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
17:30	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	26	42	0	71	0	1	2	0	3	0	0	0	0	0	0
GRAND TOTAL	8	98	170	0	276	1	8	3	0	12	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
07:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
07:30	1	3	0	0	4	0	1	0	0	1	0	0	0	0	0	0
07:45	1	7	1	0	9	0	0	0	0	0	0	0	0	0	0	0
08:00	1	2	2	0	5	1	0	0	0	1	0	0	0	0	0	0
08:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	1	1	0	0	2	0	0	1	0	1	0	0	0	0	0	0
08:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	1	1	2	0	4	0	0	1	0	1	0	0	0	0	0	0
09:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
09:30	0	4	1	0	5	0	2	0	0	2	0	0	0	0	0	0
09:45	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	5	24	9	0	38	1	5	2	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
11:30	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:00	1	2	3	0	6	0	1	0	0	1	0	0	0	0	0	0
12:15	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:30	0	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0
12:45	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	24	11	0	37	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Route 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
15:15	0	5	6	0	11	0	1	0	0	1	0	0	0	0	0	0
15:30	3	7	1	0	11	0	0	0	0	0	0	0	0	0	0	0
15:45	0	7	4	0	11	0	0	0	0	0	0	0	0	0	0	0
16:00	0	9	6	0	15	0	0	2	0	2	0	0	0	0	0	0
16:15	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
16:30	3	11	7	0	21	0	1	1	0	2	0	0	0	0	0	0
16:45	0	5	4	0	9	0	0	0	0	0	0	0	0	0	0	0
17:00	2	13	3	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	1	9	4	0	14	0	0	0	0	0	0	0	0	0	0	0
17:30	0	8	4	0	12	0	1	0	0	1	0	0	0	0	0	0
17:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	92	40	0	141	0	3	3	0	6	0	0	0	0	0	0
GRAND TOTAL	16	140	60	0	216	1	9	5	0	15	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Pierre Rd runs N/S

North Approach




	Out	In	Total
	28	310	338
	3	2	5
	0	0	0
	31	312	343

St Pierre Rd




	0	0	0	0
	0	2	1	0
	1	19	8	0
Totals	1	21	9	0










East Approach

	Out	In	Total
	97	21	118
	4	3	7
	0	0	0
	101	24	125

Route 200

				Totals
	0	0	0	0
	0	0	2	2
	0	2	12	14
	0	0	1	1

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Route 200

Totals			
0	0	0	0
64	63	1	0
37	34	3	0
0	0	0	0




West Approach

	Out	In	Total
	15	44	59
	2	3	5
	0	0	0
	17	47	64


Totals				
	9	246	1	0
	9	245	1	0
	0	1	0	0
	0	0	0	0

St Pierre Rd

South Approach

	Out	In	Total
	255	20	275
	1	2	3
	0	0	0
	256	22	278

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach St Pierre Rd						South Approach St Pierre Rd						East Approach Route 200						West Approach Route 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	0	7	0	0	0	7	4	59	0	0	0	63	0	9	17	0	0	26	0	1	0	0	0	1	97
07:15	2	4	0	0	0	6	2	63	0	0	0	65	0	11	20	0	0	31	0	2	0	0	0	2	104
07:30	4	4	0	0	0	8	3	65	1	0	0	69	0	12	12	0	0	24	1	4	0	0	0	5	106
07:45	3	6	1	0	0	10	0	59	0	0	0	59	0	5	15	0	0	20	1	7	1	0	0	9	98
Grand Total	9	21	1	0	0	31	9	246	1	0	0	256	0	37	64	0	0	101	2	14	1	0	0	17	405
Approach %	29	67.7	3.2	0	-	-	3.5	96.1	0.4	0	-	-	0	36.6	63.4	0	-	-	11.8	82.4	5.9	0	-	-	-
Totals %	2.2	5.2	0.2	0	-	7.7	2.2	60.7	0.2	0	-	63.2	0	9.1	15.8	0	-	24.9	0.5	3.5	0.2	0	-	4.2	-
PHF	0.56	0.75	0.25	0	-	0.78	0.56	0.95	0.25	0	-	0.93	0	0.77	0.8	0	-	0.81	0.5	0.5	0.25	0	-	0.47	0.96
Cars	8	19	1	0	-	28	9	245	1	0	-	255	0	34	63	0	-	97	2	12	1	0	-	15	395
% Cars	88.9	90.5	100	0	-	90.3	100	99.6	100	0	-	99.6	0	91.9	98.4	0	-	96	100	85.7	100	0	-	88.2	97.5
Trucks	1	2	0	0	-	3	0	1	0	0	-	1	0	3	1	0	-	4	0	2	0	0	-	2	10
% Trucks	11.1	9.5	0	0	-	9.7	0	0.4	0	0	-	0.4	0	8.1	1.6	0	-	4	0	14.3	0	0	-	11.8	2.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:45:00
To: 12:45:00




Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Pierre Rd runs N/S

North Approach




	Out	In	Total
	55	66	121
	0	1	1
	0	0	0
Totals	55	67	122

St Pierre Rd








	0	0	0	0
	0	0	0	0
	0	49	6	0
Totals	0	49	6	0

East Approach

	Out	In	Total
	18	21	39
	0	1	1
	0	0	0
Totals	18	22	40

Route 200

				Totals
	0	0	0	0
	0	0	1	1
	0	1	13	14
	0	0	6	6








Peds: 0

Peds: 0






Peds: 0








Route 200

Totals			
	0	0	0
	10	10	0
	4	4	0
	4	4	0

Peds: 0




West Approach

	Out	In	Total
	20	10	30
	1	0	1
	0	0	0
Totals	21	10	31


Totals				
	6	56	2	0
	0	1	0	0
	0	0	0	0

St Pierre Rd

South Approach

	Out	In	Total
	63	59	122
	1	0	1
	0	0	0
Totals	64	59	123

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:45 - 12:45)

Start Time	North Approach St Pierre Rd						South Approach St Pierre Rd						East Approach Route 200						West Approach Route 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:45	2	12	0	0	0	14	1	13	1	0	0	15	1	3	4	0	0	8	0	2	0	0	0	2	39
12:00	1	12	0	0	0	13	3	14	0	0	0	17	0	1	1	0	0	2	1	3	3	0	0	7	39
12:15	1	13	0	0	0	14	1	17	0	0	0	18	2	0	2	0	0	4	0	6	0	0	0	6	42
12:30	2	12	0	0	0	14	1	12	1	0	0	14	1	0	3	0	0	4	0	3	3	0	0	6	38
Grand Total	6	49	0	0	0	55	6	56	2	0	0	64	4	4	10	0	0	18	1	14	6	0	0	21	158
Approach %	10.9	89.1	0	0	-	-	9.4	87.5	3.1	0	-	-	22.2	22.2	55.6	0	-	-	4.8	66.7	28.6	0	-	-	-
Totals %	3.8	31	0	0	-	34.8	3.8	35.4	1.3	0	-	40.5	2.5	2.5	6.3	0	-	11.4	0.6	8.9	3.8	0	-	13.3	-
PHF	0.75	0.94	0	0	-	0.98	0.5	0.82	0.5	0	-	0.89	0.5	0.33	0.63	0	-	0.56	0.25	0.58	0.5	0	-	0.75	0.94
Cars	6	49	0	0	-	55	6	55	2	0	-	63	4	4	10	0	-	18	1	13	6	0	-	20	156
% Cars	100	100	0	0	-	100	100	98.2	100	0	-	98.4	100	100	100	0	-	100	100	92.9	100	0	-	95.2	98.7
Trucks	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	1	0	0	-	1	2
% Trucks	0	0	0	0	-	0	0	1.8	0	0	-	1.6	0	0	0	0	-	0	0	7.1	0	0	-	4.8	1.3
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Pierre Rd runs N/S

North Approach




	Out	In	Total
	246	85	331
	6	1	7
	0	0	0
Totals	252	86	338

St Pierre Rd








	0	0	0	0
	0	4	2	0
	3	191	52	0
Totals	3	195	54	0

East Approach

	Out	In	Total
	30	93	123
	0	3	3
	0	0	0
Totals	30	96	126

Route 200

				Totals
	0	0	0	0
	0	0	3	3
	0	1	38	39
	0	3	18	21








Peds: 0

Peds: 0






Peds: 0








Route 200

Totals			
	0	0	0
	19	19	0
	10	10	0
	1	1	0

Peds: 0




West Approach


	Out	In	Total
	59	19	78
	4	0	4
	0	0	0
Totals	63	19	82


Totals				
	6	64	3	0
	0	1	0	0
	0	0	0	0

St Pierre Rd

South Approach

	Out	In	Total
	72	210	282
	1	7	8
	0	0	0
Totals	73	217	290

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Pierre Rd & Route 200
Site Code: 2410700008
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach St Pierre Rd						South Approach St Pierre Rd						East Approach Route 200						West Approach Route 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	10	47	1	0	0	58	1	15	1	0	0	17	0	1	2	0	0	3	0	7	4	0	0	11	89
16:00	12	46	1	0	0	59	0	16	0	0	0	16	0	1	6	0	0	7	0	9	8	0	0	17	99
16:15	18	51	0	0	0	69	2	19	1	0	0	22	1	4	7	0	0	12	0	11	1	0	0	12	115
16:30	14	51	1	0	0	66	3	14	1	0	0	18	0	4	4	0	0	8	3	12	8	0	0	23	115
Grand Total	54	195	3	0	0	252	6	64	3	0	0	73	1	10	19	0	0	30	3	39	21	0	0	63	418
Approach %	21.4	77.4	1.2	0	-	-	8.2	87.7	4.1	0	-	-	3.3	33.3	63.3	0	-	-	4.8	61.9	33.3	0	-	-	-
Totals %	12.9	46.7	0.7	0	-	60.3	1.4	15.3	0.7	0	-	17.5	0.2	2.4	4.5	0	-	7.2	0.7	9.3	5	0	-	15.1	-
PHF	0.75	0.96	0.75	0	-	0.91	0.5	0.84	0.75	0	-	0.83	0.25	0.63	0.68	0	-	0.63	0.25	0.81	0.66	0	-	0.68	0.91
Cars	52	191	3	0	-	246	6	63	3	0	-	72	1	10	19	0	-	30	3	38	18	0	-	59	407
% Cars	96.3	97.9	100	0	-	97.6	100	98.4	100	0	-	98.6	100	100	100	0	-	100	100	97.4	85.7	0	-	93.7	97.4
Trucks	2	4	0	0	-	6	0	1	0	0	-	1	0	0	0	0	-	0	0	1	3	0	-	4	11
% Trucks	3.7	2.1	0	0	-	2.4	0	1.6	0	0	-	1.4	0	0	0	0	-	0	0	2.6	14.3	0	-	6.3	2.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: Forced Rd & New York Central Fitness Trail
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700009
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Forced Rd & New York Central Fitness Trail
Site Code:	2410700009
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Forced Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	4	0	0	4	1	0	8	0	0	8	0	12
08:00 - 09:00	0	5	0	0	5	1	0	9	0	0	9	0	14
09:00 - 10:00	0	7	0	0	7	3	0	3	0	0	3	0	10
BREAK													
11:00 - 12:00	0	4	0	0	4	0	0	3	0	0	3	1	7
12:00 - 13:00	0	8	0	0	8	0	0	5	0	0	5	1	13
BREAK													
15:00 - 16:00	0	5	0	0	5	2	0	5	0	0	5	3	10
16:00 - 17:00	1	7	0	0	8	4	0	10	0	0	10	1	18
17:00 - 18:00	0	13	0	0	13	4	0	9	0	0	9	1	22
GRAND TOTAL	1	53	0	0	54	15	0	52	0	0	52	7	106

Traffic Count Summary

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

New York Central Fitness Trail - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 - 09:00	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 - 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAK													
11:00 - 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 - 13:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BREAK													
15:00 - 16:00	0	1	0	0	1	0	0	0	1	0	1	0	2
16:00 - 17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00 - 18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	1	0	0	1	0	0	0	1	0	1	0	2

Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
07:30	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
08:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	0	12	0	0	12	0	4	0	0	4	0	0	0	0	0	5

[illegible]

Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
15:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1
16:30	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	1
16:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
17:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	3
17:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	1	25	0	0	26	0	0	0	0	0	0	0	0	0	0	10
GRAND TOTAL	1	49	0	0	50	0	4	0	0	4	0	0	0	0	0	15

Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
07:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
08:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	2

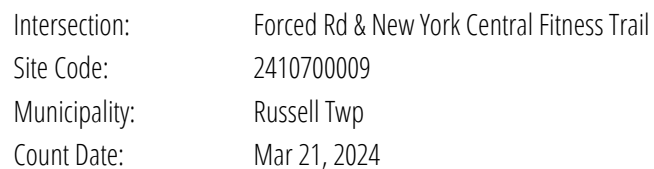
Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
15:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
16:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
17:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
17:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
17:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	21	0	0	21	0	3	0	0	3	0	0	0	0	0	5
GRAND TOTAL	0	47	0	0	47	0	5	0	0	5	0	0	0	0	0	7

[illegible]















Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

East Approach - New York Central Fitness Trail

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0

	Cars					Trucks					Bicycles					
Start Time					Total					Total					Total	Total Peds
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Commerical Entrance

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: Forced Rd & New York Central Fitness Trail
Site Code: 2410700009
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Forced Rd runs N/S

North Approach




	Out	In	Total
	2	10	12
	2	1	3
	0	0	0
Totals	4	11	15

Forced Rd








	0	0	0	0
	0	2	0	0
	0	2	0	0
Totals	0	4	0	0

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Commerical Entrance

				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

Peds: 1




Peds: 0






Peds: 0








Peds: 0

New York Central Fitness Trail

Totals			
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0




West Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0


				
Totals	0	11	0	0
	0	10	0	0
	0	1	0	0
	0	0	0	0

Forced Rd

South Approach

	Out	In	Total
	10	2	12
	1	2	3
	0	0	0
Totals	11	4	15

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Count Date: Mar 21, 2024
 Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Forced Rd						South Approach Forced Rd						East Approach New York Central Fitness Trail						West Approach Commerical Entrance						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	0	2	0	0	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
07:45	0	0	0	0	1	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
08:15	0	1	0	0	0	1	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	7
Grand Total	0	4	0	0	1	4	0	11	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	15
Approach %	0	100	0	0	-	-	0	100	0	0	-	-	0	0	0	0	-	-	0	0	0	0	-	-	-
Totals %	0	26.7	0	0	-	26.7	0	73.3	0	0	-	73.3	0	0	0	0	-	0	0	0	0	0	-	0	-
PHF	0	0.5	0	0	-	0.5	0	0.46	0	0	-	0.46	0	0	0	0	-	0	0	0	0	0	-	0	0.54
Cars	0	2	0	0	-	2	0	10	0	0	-	10	0	0	0	0	-	0	0	0	0	0	-	0	12
% Cars	0	50	0	0	-	50	0	90.9	0	0	-	90.9	0	0	0	0	-	0	0	0	0	0	-	0	80
Trucks	0	2	0	0	-	2	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	3
% Trucks	0	50	0	0	-	50	0	9.1	0	0	-	9.1	0	0	0	0	-	0	0	0	0	0	-	0	20
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	1
% Peds	-	-	-	-	100	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Forced Rd & New York Central Fitness Trail
Site Code: 2410700009
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Forced Rd runs N/S

North Approach




	Out	In	Total
	8	4	12
	0	1	1
	0	0	0
Totals	8	5	13

Forced Rd








	0	0	0	0
	0	0	0	0
	0	8	0	0
Totals	0	8	0	0

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Commercial Entrance








				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

Peds: 0













Peds: 1

New York Central Fitness Trail

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0


				
Totals	0	5	0	0
	0	4	0	0
	0	1	0	0
	0	0	0	0

Forced Rd

South Approach

	Out	In	Total
	4	8	12
	1	0	1
	0	0	0
Totals	5	8	13

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Count Date: Mar 21, 2024
 Period: 11:00 - 13:00

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

	North Approach Forced Rd						South Approach Forced Rd						East Approach New York Central Fitness Trail						West Approach Commerical Entrance						Total Vehicl es
Start Time	↩	↑	↪	↻	Peds	Total	↩	↑	↪	↻	Peds	Total	↩	↑	↪	↻	Peds	Total	↩	↑	↪	↻	Peds	Total	
12:00	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15	0	1	0	0	0	1	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4
12:30	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12:45	0	3	0	0	0	3	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
Grand Total	0	8	0	0	0	8	0	5	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	13
Approach %	0	100	0	0	-	-	0	100	0	0	-	-	0	0	0	0	-	-	0	0	0	0	-	-	-
Totals %	0	61.5	0	0	-	61.5	0	38.5	0	0	-	38.5	0	0	0	0	-	0	0	0	0	0	-	0	-
PHF	0	0.67	0	0	-	0.67	0	0.42	0	0	-	0.42	0	0	0	0	-	0	0	0	0	0	-	0	0.65
Cars	0	8	0	0	-	8	0	4	0	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	12
% Cars	0	100	0	0	-	100	0	80	0	0	-	80	0	0	0	0	-	0	0	0	0	0	-	0	92.3
Trucks	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Trucks	0	0	0	0	-	0	0	20	0	0	-	20	0	0	0	0	-	0	0	0	0	0	-	0	7.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	0 -						1 -						0 -						0 -						1
% Peds	0 -						100 -						0 -						0 -						-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 17:00:00
To: 18:00:00




Intersection: Forced Rd & New York Central Fitness Trail
Site Code: 2410700009
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Forced Rd runs N/S

North Approach




	Out	In	Total
	13	8	21
	0	1	1
	0	0	0
Totals	13	9	22

Forced Rd








	0	0	0	0
	0	0	0	0
	0	13	0	0
Totals	0	13	0	0

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Commercial Entrance

				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

Peds: 4








Peds: 0






Peds: 0








Peds: 1

New York Central Fitness Trail

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0


Totals				
	0	8	0	0
	0	1	0	0
	0	0	0	0

Forced Rd

South Approach

	Out	In	Total
	8	13	21
	1	0	1
	0	0	0
Totals	9	13	22

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Forced Rd & New York Central Fitness Trail
 Site Code: 2410700009
 Count Date: Mar 21, 2024
 Period: 15:00 - 18:00

Peak Hour Data (17:00 - 18:00)

	North Approach Forced Rd						South Approach Forced Rd						East Approach New York Central Fitness Trail						West Approach Commerical Entrance						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
17:00	0	2	0	0	0	2	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	5
17:15	0	2	0	0	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
17:30	0	5	0	0	3	5	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	8
17:45	0	4	0	0	1	4	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	6
Grand Total	0	13	0	0	4	13	0	9	0	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	22
Approach %	0	100	0	0	-	-	0	100	0	0	-	-	0	0	0	0	-	-	0	0	0	0	-	-	-
Totals %	0	59.1	0	0	-	59.1	0	40.9	0	0	-	40.9	0	0	0	0	-	0	0	0	0	0	-	0	-
PHF	0	0.65	0	0	-	0.65	0	0.75	0	0	-	0.75	0	0	0	0	-	0	0	0	0	0	-	0	0.69
Cars	0	13	0	0	-	13	0	8	0	0	-	8	0	0	0	0	-	0	0	0	0	0	-	0	21
% Cars	0	100	0	0	-	100	0	88.9	0	0	-	88.9	0	0	0	0	-	0	0	0	0	0	-	0	95.5
Trucks	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Trucks	0	0	0	0	-	0	0	11.1	0	0	-	11.1	0	0	0	0	-	0	0	0	0	0	-	0	4.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	4						1						0						0						5
% Peds	80						20						0						0						-

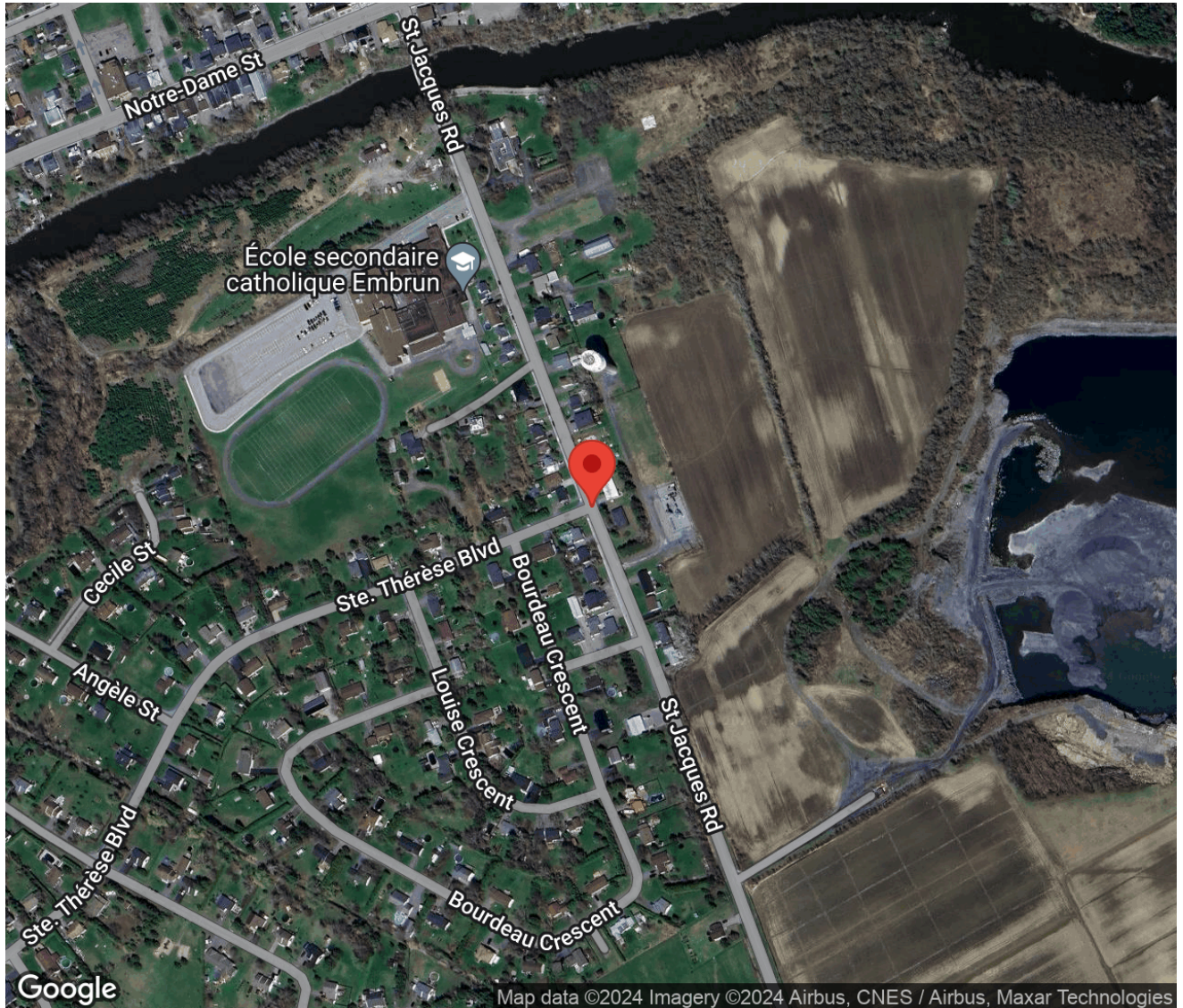
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: St Jacques Rd & Ste Theres Blvd
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700010
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	St Jacques Rd & Ste Theres Blvd
Site Code:	2410700010
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: St Jacques Rd & Ste Theres Blvd
 Site Code: 2410700010
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

St Jacques Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	35	23	1	59	0	2	58	0	0	60	0	119
08:00 - 09:00	0	38	49	0	87	0	3	60	0	0	63	0	150
09:00 - 10:00	0	13	17	0	30	0	4	20	0	0	24	0	54
BREAK													
11:00 - 12:00	0	19	20	0	39	0	4	15	0	0	19	0	58
12:00 - 13:00	0	32	18	0	50	0	2	25	0	0	27	0	77
BREAK													
15:00 - 16:00	6	47	39	0	92	0	0	33	0	2	35	0	127
16:00 - 17:00	6	57	32	0	95	0	7	41	0	0	48	0	143
17:00 - 18:00	0	41	43	0	84	0	3	35	0	0	38	0	122
GRAND TOTAL	12	282	241	1	536	0	25	287	0	2	314	0	850

Traffic Count Summary

Intersection: St Jacques Rd & Ste Theres Blvd
 Site Code: 2410700010
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Commerical Entrance - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	1	0	1	5	38	0	1	0	39	2	40
08:00 - 09:00	0	0	0	0	0	0	49	0	1	0	50	0	50
09:00 - 10:00	0	0	0	0	0	0	17	0	1	0	18	0	18
BREAK													
11:00 - 12:00	0	0	0	0	0	0	17	0	3	0	20	0	20
12:00 - 13:00	0	0	0	0	0	0	15	0	2	0	17	1	17
BREAK													
15:00 - 16:00	0	0	0	0	0	1	38	0	7	0	45	2	45
16:00 - 17:00	0	0	0	0	0	0	27	0	6	0	33	2	33
17:00 - 18:00	0	0	0	0	0	0	27	0	2	0	29	1	29
GRAND TOTAL	0	0	1	0	1	6	228	0	23	0	251	8	252

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
07:15	0	10	3	0	13	0	0	0	0	0	0	0	0	0	0	0
07:30	0	8	9	0	17	0	1	1	0	2	0	0	0	0	0	0
07:45	0	9	9	1	19	0	0	0	0	0	0	0	0	0	0	0
08:00	0	12	30	0	42	0	7	2	0	9	0	0	0	0	0	0
08:15	0	4	5	0	9	0	0	0	0	0	0	0	0	0	0	0
08:30	0	6	3	0	9	0	3	0	0	3	0	0	0	0	0	0
08:45	0	6	7	0	13	0	0	2	0	2	0	0	0	0	0	0
09:00	0	2	3	0	5	0	1	2	0	3	0	0	0	0	0	0
09:15	0	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	0	6	2	0	8	0	0	0	0	0	0	0	0	0	0	0
09:45	0	1	6	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	74	82	1	157	0	12	7	0	19	0	0	0	0	0	0

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
 Site Code: 2410700010
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

North Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	5	6	0	11	0	0	1	0	1	0	0	0	0	0	0
11:15	0	3	3	0	6	0	1	2	0	3	0	0	0	0	0	0
11:30	0	7	2	0	9	0	0	0	0	0	0	0	0	0	0	0
11:45	0	2	6	0	8	0	1	0	0	1	0	0	0	0	0	0
12:00	0	12	4	0	16	0	0	0	0	0	0	0	0	0	0	0
12:15	0	6	1	0	7	0	2	0	0	2	0	0	0	0	0	0
12:30	0	4	7	0	11	0	0	1	0	1	0	0	0	0	0	0
12:45	0	7	4	0	11	0	1	1	0	2	0	0	0	0	0	0
SUBTOTAL	0	46	33	0	79	0	5	5	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	11	4	0	15	0	0	1	0	1	0	0	0	0	0	0
15:15	1	6	3	0	10	0	1	1	0	2	0	0	0	0	0	0
15:30	2	11	15	0	28	0	2	2	0	4	0	0	0	0	0	0
15:45	3	16	13	0	32	0	0	0	0	0	0	0	0	0	0	0
16:00	2	14	12	0	28	0	1	0	0	1	0	0	0	0	0	0
16:15	1	17	5	0	23	0	0	0	0	0	0	0	0	0	0	0
16:30	1	15	6	0	22	0	0	0	0	0	0	0	0	0	0	0
16:45	2	10	9	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	0	10	16	0	26	0	0	0	0	0	0	0	0	0	0	0
17:15	0	7	12	0	19	0	0	0	0	0	0	0	0	0	0	0
17:30	0	10	9	0	19	0	1	0	0	1	0	0	0	0	0	0
17:45	0	13	6	0	19	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	12	140	110	0	262	0	5	4	0	9	0	0	0	0	0	0
GRAND TOTAL	12	260	225	1	498	0	22	16	0	38	0	0	0	0	0	0

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
07:15	0	10	0	0	10	1	1	0	0	2	0	0	0	0	0	0
07:30	0	20	0	0	20	0	1	0	0	1	0	0	0	0	0	0
07:45	0	13	0	0	13	1	4	0	0	5	0	0	0	0	0	0
08:00	1	32	0	0	33	0	1	0	0	1	0	0	0	0	0	0
08:15	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:30	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
08:45	1	8	0	0	9	1	2	0	0	3	0	0	0	0	0	0
09:00	1	4	0	0	5	0	1	0	0	1	0	0	0	0	0	0
09:15	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
09:45	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	126	0	0	132	3	12	0	0	15	0	0	0	0	0	0

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
 Site Code: 2410700010
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

South Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0
11:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	2	7	0	0	9	0	0	0	0	0	0	0	0	0	0	0
12:00	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:15	1	6	0	0	7	0	1	0	0	1	0	0	0	0	0	0
12:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:45	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	5	38	0	0	43	1	2	0	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Jacques Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	4	0	0	4	0	0	0	2	2	0	0	0	0	0	0
15:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
15:30	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
15:45	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
16:00	5	15	0	0	20	0	0	0	0	0	0	0	0	0	0	0
16:15	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
16:30	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
16:45	1	10	0	0	11	0	0	0	0	0	0	0	0	0	0	0
17:00	2	10	0	0	12	0	0	0	0	0	0	0	0	0	0	0
17:15	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	109	0	0	119	0	0	0	2	2	0	0	0	0	0	0
GRAND TOTAL	21	273	0	0	294	4	14	0	2	20	0	0	0	0	0	0

[illegible]

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

[illegible]

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Ste Theres Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:15	7	0	0	0	7	1	0	0	0	1	0	0	0	0	0	0
07:30	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
07:45	14	0	1	0	15	0	0	0	0	0	0	0	0	0	0	2
08:00	19	0	1	0	20	0	0	0	0	0	0	0	0	0	0	0
08:15	7	0	0	0	7	1	0	0	0	1	0	0	0	0	0	0
08:30	12	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0
08:45	9	0	0	0	9	1	0	0	0	1	0	0	0	0	0	0
09:00	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:15	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	4	0	1	0	5	1	0	0	0	1	0	0	0	0	0	0
09:45	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	100	0	3	0	103	4	0	0	0	4	0	0	0	0	0	2

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
 Site Code: 2410700010
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

West Approach - Ste Theres Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	3	0	3	0	6	2	0	0	0	2	0	0	0	0	0	0
11:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:00	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1
12:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:45	6	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	30	0	5	0	35	2	0	0	0	2	0	0	0	0	0	1

Traffic Count Data

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Ste Theres Blvd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	5	0	1	0	6	1	0	0	0	1	0	0	0	0	0	0
15:15	7	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0
15:30	6	0	0	0	6	0	0	1	0	1	0	0	0	0	0	1
15:45	19	0	3	0	22	0	0	1	0	1	0	0	0	0	0	1
16:00	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
16:15	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
16:30	5	0	5	0	10	1	0	1	0	2	0	0	0	0	0	1
16:45	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	1
17:00	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	1
17:15	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:30	10	0	1	0	11	0	0	0	0	0	0	0	0	0	0	0
17:45	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	90	0	12	0	102	2	0	3	0	5	0	0	0	0	0	5
GRAND TOTAL	220	0	20	0	240	8	0	3	0	11	0	0	0	0	0	8

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Jacques Rd runs N/S

North Approach




	Out	In	Total
	91	125	216
	11	8	19
	0	0	0
Totals	102	133	235

St Jacques Rd








	0	0	0	0
	3	8	0	0
	51	39	0	1
Totals	54	47	0	1

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Ste Theres Blvd

				Totals
	0	0	0	0
	0	1	49	50
	0	0	0	0
	0	0	2	2

Peds: 0








Peds: 2






Peds: 3








Peds: 0

Commercial Entrance

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	51	52	103
	1	5	6
	0	0	0
Totals	52	57	109


Totals				
	3	82	0	0
	1	75	0	0
	2	7	0	0
Totals	0	0	0	0

St Jacques Rd

South Approach

	Out	In	Total
	76	41	117
	9	8	17
	0	0	0
Totals	85	49	134

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach St Jacques Rd						South Approach St Jacques Rd						East Approach Commerical Entrance						West Approach Ste Theres Blvd						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	0	10	3	0	0	13	1	11	0	0	0	12	0	0	0	0	0	0	8	0	0	0	0	8	33
07:30	0	9	10	0	0	19	0	21	0	0	0	21	0	0	0	0	0	0	9	0	0	0	0	9	49
07:45	0	9	9	1	0	19	1	17	0	0	0	18	0	0	0	0	3	0	14	0	1	0	2	15	52
08:00	0	19	32	0	0	51	1	33	0	0	0	34	0	0	0	0	0	0	19	0	1	0	0	20	105
Grand Total	0	47	54	1	0	102	3	82	0	0	0	85	0	0	0	0	3	0	50	0	2	0	2	52	239
Approach %	0	46.1	52.9	1	-	-	3.5	96.5	0	0	-	-	0	0	0	0	-	-	96.2	0	3.8	0	-	-	-
Totals %	0	19.7	22.6	0.4		42.7	1.3	34.3	0	0		35.6	0	0	0	0		0	20.9	0	0.8	0		21.8	
PHF	0	0.62	0.42	0.25		0.5	0.75	0.62	0	0		0.63	0	0	0	0		0	0.66	0	0.5	0		0.65	0.57
Cars	0	39	51	1		91	1	75	0	0		76	0	0	0	0		0	49	0	2	0		51	218
% Cars	0	83	94.4	100		89.2	33.3	91.5	0	0		89.4	0	0	0	0		0	98	0	100	0		98.1	91.2
Trucks	0	8	3	0		11	2	7	0	0		9	0	0	0	0		0	1	0	0	0		1	21
% Trucks	0	17	5.6	0		10.8	66.7	8.5	0	0		10.6	0	0	0	0		0	2	0	0	0		1.9	8.8
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					0	-					0	-					3	-					2	-	5
% Peds					0	-					0	-					60	-					40	-	

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Jacques Rd runs N/S

North Approach




	Out	In	Total
	45	38	83
	5	2	7
	0	0	0
	50	40	90

St Jacques Rd




	0	0	0	0
	2	3	0	0
	16	29	0	0
Totals	18	32	0	0










East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0

Ste Theres Blvd

				Totals
	0	0	0	0
	0	0	15	15
	0	0	0	0
	0	0	2	2

Peds: 0




Peds: 1







Peds: 0




Peds: 0








Commerical Entrance

Totals			
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0




West Approach

	Out	In	Total
	17	18	35
	0	2	2
	0	0	0
	17	20	37


Totals				
	2	23	0	0
	0	2	0	0
	0	0	0	0

St Jacques Rd

South Approach

	Out	In	Total
	25	31	56
	2	3	5
	0	0	0
	27	34	61

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St Jacques Rd						South Approach St Jacques Rd						East Approach Commerical Entrance						West Approach Ste Theres Blvd						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	0	12	4	0	0	16	0	7	0	0	0	7	0	0	0	0	0	0	5	0	0	0	1	5	28
12:15	0	8	1	0	0	9	1	7	0	0	0	8	0	0	0	0	0	0	1	0	1	0	0	2	19
12:30	0	4	8	0	0	12	0	5	0	0	0	5	0	0	0	0	0	0	3	0	0	0	0	3	20
12:45	0	8	5	0	0	13	1	6	0	0	0	7	0	0	0	0	0	0	6	0	1	0	0	7	27
Grand Total	0	32	18	0	0	50	2	25	0	0	0	27	0	0	0	0	0	0	15	0	2	0	1	17	94
Approach %	0	64	36	0	-	-	7.4	92.6	0	0	-	-	0	0	0	0	-	-	88.2	0	11.8	0	-	-	-
Totals %	0	34	19.1	0	-	53.2	2.1	26.6	0	0	-	28.7	0	0	0	0	-	0	16	0	2.1	0	-	18.1	-
PHF	0	0.67	0.56	0	-	0.78	0.5	0.89	0	0	-	0.84	0	0	0	0	-	0	0.63	0	0.5	0	-	0.61	0.84
Cars	0	29	16	0	-	45	2	23	0	0	-	25	0	0	0	0	-	0	15	0	2	0	-	17	87
% Cars	0	90.6	88.9	0	-	90	100	92	0	0	-	92.6	0	0	0	0	-	0	100	0	100	0	-	100	92.6
Trucks	0	3	2	0	-	5	0	2	0	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	7
% Trucks	0	9.4	11.1	0	-	10	0	8	0	0	-	7.4	0	0	0	0	-	0	0	0	0	0	-	0	7.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	1
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	100	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:30:00
To: 16:30:00




Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Jacques Rd runs N/S

North Approach




	Out	In	Total
	111	80	191
	5	0	5
	0	0	0
Totals	116	80	196

St Jacques Rd








	0	0	0	0
	2	3	0	0
	45	58	8	0
Totals	47	61	8	0

East Approach

	Out	In	Total
	0	8	8
	0	0	0
	0	0	0
Totals	0	8	8

Ste Theres Blvd

				Totals
	0	0	0	0
	0	0	38	38
	0	0	0	0
	0	2	3	5

Peds: 0










Peds: 2




Peds: 1








Peds: 0

Commercial Entrance

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	41	51	92
	2	2	4
	0	0	0
Totals	43	53	96


Totals				
	6	42	0	0
	0	0	0	0
	0	0	0	0

St Jacques Rd

South Approach

	Out	In	Total
	48	61	109
	0	5	5
	0	0	0
Totals	48	66	114

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Jacques Rd & Ste Theres Blvd
Site Code: 2410700010
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (15:30 - 16:30)

Start Time	North Approach St Jacques Rd						South Approach St Jacques Rd						East Approach Commerical Entrance						West Approach Ste Theres Blvd						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:30	2	13	17	0	0	32	0	6	0	0	0	6	0	0	0	0	1	0	6	0	1	0	1	7	45
15:45	3	16	13	0	0	32	0	13	0	0	0	13	0	0	0	0	0	0	19	0	4	0	1	23	68
16:00	2	15	12	0	0	29	5	15	0	0	0	20	0	0	0	0	0	0	7	0	0	0	0	7	56
16:15	1	17	5	0	0	23	1	8	0	0	0	9	0	0	0	0	0	0	6	0	0	0	0	6	38
Grand Total	8	61	47	0	0	116	6	42	0	0	0	48	0	0	0	0	1	0	38	0	5	0	2	43	207
Approach %	6.9	52.6	40.5	0		-	12.5	87.5	0	0		-	0	0	0	0		-	88.4	0	11.6	0		-	
Totals %	3.9	29.5	22.7	0		56	2.9	20.3	0	0		23.2	0	0	0	0		0	18.4	0	2.4	0		20.8	
PHF	0.67	0.9	0.69	0		0.91	0.3	0.7	0	0		0.6	0	0	0	0		0	0.5	0	0.31	0		0.47	0.76
Cars	8	58	45	0		111	6	42	0	0		48	0	0	0	0		0	38	0	3	0		41	200
% Cars	100	95.1	95.7	0		95.7	100	100	0	0		100	0	0	0	0		0	100	0	60	0		95.3	96.6
Trucks	0	3	2	0		5	0	0	0	0		0	0	0	0	0		0	0	0	2	0		2	7
% Trucks	0	4.9	4.3	0		4.3	0	0	0	0		0	0	0	0	0		0	0	0	40	0		4.7	3.4
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0
Peds					0	-					0	-					1	-					2	-	3
% Peds					0	-					0	-					33.3	-					66.7	-	

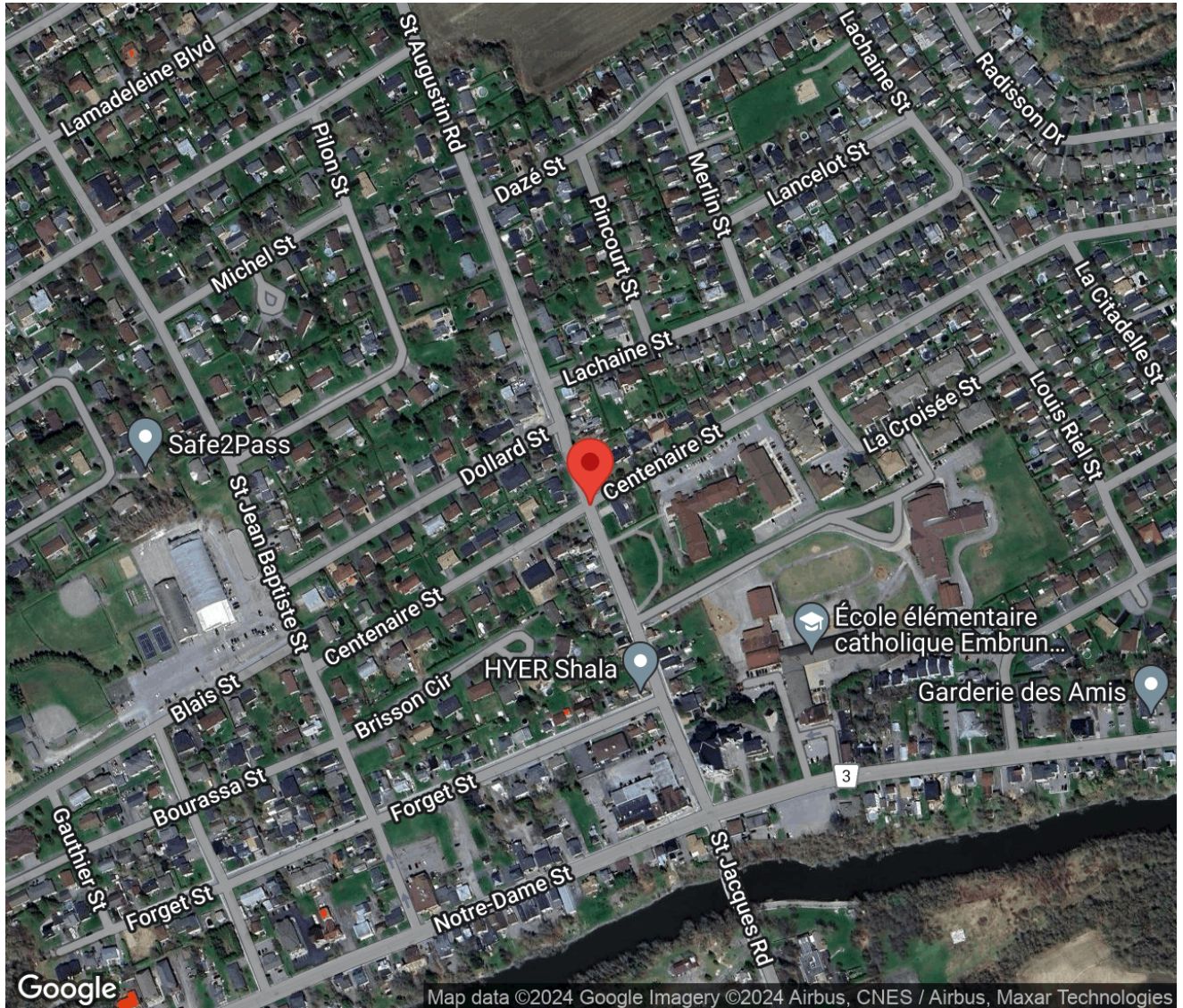
Project #24-107 - Morrison Hershfield

Intersection Count Report

Intersection: St Augustin Rd & Centenaire St
Municipality: Russell Twp
Count Date: Thursday, Mar 21, 2024
Site Code: 2410700011
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	St Augustin Rd & Centenaire St
Site Code:	2410700011
Municipality:	Russell Twp
Count Date:	Mar 21, 2024



Traffic Count Summary

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

St Augustin Rd - Traffic Summary

North Approach Totals							South Approach Totals							Total
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles							
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds		
07:00 - 08:00	14	75	5	0	94	0	10	72	11	0	93	6	187	
08:00 - 09:00	16	74	6	0	96	0	14	69	15	0	98	0	194	
09:00 - 10:00	14	33	4	0	51	0	11	35	12	0	58	2	109	
BREAK														
11:00 - 12:00	8	35	5	0	48	0	13	33	11	0	57	0	105	
12:00 - 13:00	12	41	8	0	61	0	8	46	17	0	71	1	132	
BREAK														
15:00 - 16:00	51	105	5	0	161	0	17	57	24	0	98	4	259	
16:00 - 17:00	50	104	6	0	160	1	33	66	25	0	124	2	284	
17:00 - 18:00	34	93	4	0	131	0	22	55	14	0	91	0	222	
GRAND TOTAL	199	560	43	0	802	1	128	433	129	0	690	15	1492	

Traffic Count Summary

Intersection: St Augustin Rd & Centenaire St
 Site Code: 2410700011
 Municipality: Russell Twp
 Count Date: Mar 21, 2024

Centenaire St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	18	26	47	0	91	2	5	14	7	0	26	3	117
08:00 - 09:00	26	23	28	0	77	0	5	14	13	0	32	3	109
09:00 - 10:00	10	39	24	0	73	0	5	19	10	0	34	1	107
BREAK													
11:00 - 12:00	15	24	12	0	51	0	0	23	7	0	30	1	81
12:00 - 13:00	15	32	11	0	58	0	1	27	10	0	38	2	96
BREAK													
15:00 - 16:00	16	22	26	0	64	0	1	38	24	0	63	0	127
16:00 - 17:00	22	25	21	0	68	1	7	27	21	1	56	2	124
17:00 - 18:00	17	21	8	0	46	0	3	51	18	0	72	0	118
GRAND TOTAL	139	212	177	0	528	3	27	213	110	1	351	12	879

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
07:15	2	15	2	0	19	2	0	0	0	2	0	0	0	0	0	0
07:30	6	22	0	0	28	0	2	0	0	2	0	0	0	0	0	0
07:45	3	27	3	0	33	0	1	0	0	1	0	0	0	0	0	0
08:00	4	34	0	0	38	0	0	0	0	0	0	0	0	0	0	0
08:15	3	11	2	0	16	0	0	0	0	0	0	0	0	0	0	0
08:30	6	8	2	0	16	0	2	0	0	2	0	0	0	0	0	0
08:45	3	16	2	0	21	0	3	0	0	3	0	0	0	0	0	0
09:00	5	12	1	0	18	0	1	1	0	2	0	0	0	0	0	0
09:15	4	6	0	0	10	0	0	0	0	0	0	0	0	0	0	0
09:30	2	9	0	0	11	0	0	0	0	0	0	0	0	0	0	0
09:45	3	4	2	0	9	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	42	172	14	0	228	2	10	1	0	13	0	0	0	0	0	0

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	8	1	0	10	0	0	0	0	0	0	0	0	0	0	0
11:15	2	3	3	0	8	0	0	0	0	0	0	0	0	0	0	0
11:30	4	12	0	0	16	0	0	0	0	0	0	0	0	0	0	0
11:45	0	11	1	0	12	1	1	0	0	2	0	0	0	0	0	0
12:00	2	11	3	0	16	0	0	0	0	0	0	0	0	0	0	0
12:15	2	10	2	0	14	0	0	0	0	0	0	0	0	0	0	0
12:30	4	12	1	0	17	0	0	0	0	0	0	0	0	0	0	0
12:45	4	8	2	0	14	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	19	75	13	0	107	1	1	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

North Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	9	20	0	0	29	1	0	0	0	1	0	0	0	0	0	0
15:15	16	19	1	0	36	0	4	0	0	4	0	0	0	0	0	0
15:30	14	30	2	0	46	0	0	0	0	0	0	0	0	0	0	0
15:45	11	32	2	0	45	0	0	0	0	0	0	0	0	0	0	0
16:00	14	25	2	0	41	0	1	0	0	1	0	0	0	0	0	0
16:15	12	18	0	0	30	1	1	1	0	3	0	0	0	0	0	0
16:30	8	32	0	0	40	0	1	0	0	1	0	0	0	0	0	0
16:45	15	26	3	0	44	0	0	0	0	0	0	0	0	0	0	1
17:00	11	34	0	0	45	0	1	0	0	1	0	0	0	0	0	0
17:15	9	13	1	0	23	0	0	0	0	0	0	0	0	0	0	0
17:30	9	22	1	0	32	0	0	0	0	0	0	0	0	0	0	0
17:45	5	23	2	0	30	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	133	294	14	0	441	2	8	1	0	11	0	0	0	0	0	1
GRAND TOTAL	194	541	41	0	776	5	19	2	0	26	0	0	0	0	0	1

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	13	0	0	14	0	1	0	0	1	0	0	0	0	0	1
07:15	3	16	4	0	23	0	2	0	0	2	0	0	0	0	0	3
07:30	2	16	5	0	23	0	3	0	0	3	0	0	0	0	0	1
07:45	4	21	2	0	27	0	0	0	0	0	0	0	0	0	0	1
08:00	8	36	11	0	55	0	1	0	0	1	0	0	0	0	0	0
08:15	3	15	1	0	19	0	2	0	0	2	0	0	0	0	0	0
08:30	1	5	3	0	9	0	0	0	0	0	0	0	0	0	0	0
08:45	2	8	0	0	10	0	2	0	0	2	0	0	0	0	0	0
09:00	6	16	4	0	26	0	2	0	0	2	0	0	0	0	0	1
09:15	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
09:30	1	5	6	0	12	0	0	1	0	1	0	0	0	0	0	0
09:45	3	8	0	0	11	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	35	163	37	0	235	0	13	1	0	14	0	0	0	0	0	8

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	3	14	4	0	21	0	0	0	0	0	0	0	0	0	0	0
11:15	3	7	2	0	12	0	0	0	0	0	0	0	0	0	0	0
11:30	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
11:45	5	7	5	0	17	0	0	0	0	0	0	0	0	0	0	0
12:00	2	14	6	0	22	0	0	0	0	0	0	0	0	0	0	0
12:15	4	16	2	0	22	0	1	0	0	1	0	0	0	0	0	0
12:30	1	11	4	0	16	0	0	0	0	0	0	0	0	0	0	1
12:45	1	4	5	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	21	78	28	0	127	0	1	0	0	1	0	0	0	0	0	1

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

South Approach - St Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	3	14	5	0	22	1	0	0	0	1	0	0	0	0	0	2
15:15	3	11	8	0	22	0	0	0	0	0	0	0	0	0	0	0
15:30	8	16	6	0	30	1	2	1	0	4	0	0	0	0	0	1
15:45	1	14	4	0	19	0	0	0	0	0	0	0	0	0	0	1
16:00	11	16	7	0	34	0	0	0	0	0	0	0	0	0	0	1
16:15	10	19	4	0	33	1	2	0	0	3	0	0	1	0	1	0
16:30	5	12	6	0	23	0	0	0	0	0	0	0	0	0	0	1
16:45	6	17	7	0	30	0	0	0	0	0	0	0	0	0	0	0
17:00	8	16	1	0	25	0	1	0	0	1	0	0	0	0	0	0
17:15	3	18	6	0	27	0	0	0	0	0	0	0	0	0	0	0
17:30	6	9	6	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	5	11	1	0	17	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	69	173	61	0	303	3	5	1	0	9	0	0	1	0	1	6
GRAND TOTAL	125	414	126	0	665	3	19	2	0	24	0	0	1	0	1	15

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Centenaire St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	6	17	0	24	0	0	1	0	1	0	0	0	0	0	0
07:15	2	6	10	0	18	0	0	0	0	0	0	0	0	0	0	0
07:30	3	4	8	0	15	0	1	0	0	1	0	0	0	0	0	2
07:45	12	9	11	0	32	0	0	0	0	0	0	0	0	0	0	0
08:00	20	7	8	0	35	0	0	0	0	0	0	0	0	0	0	0
08:15	5	4	8	0	17	0	1	0	0	1	0	0	0	0	0	0
08:30	0	4	4	0	8	0	0	0	0	0	0	1	0	0	1	0
08:45	1	6	7	0	14	0	0	1	0	1	0	0	0	0	0	0
09:00	3	14	8	0	25	0	2	1	0	3	0	0	0	0	0	0
09:15	1	6	10	0	17	0	0	0	0	0	0	0	0	0	0	0
09:30	5	5	2	0	12	0	1	0	0	1	0	0	0	0	0	0
09:45	1	11	3	0	15	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	54	82	96	0	232	0	5	3	0	8	0	1	0	0	1	2

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Centenaire St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	3	9	2	0	14	1	0	0	0	1	0	0	0	0	0	0
11:15	1	7	4	0	12	0	0	0	0	0	0	0	0	0	0	0
11:30	8	3	4	0	15	0	0	0	0	0	0	0	0	0	0	0
11:45	2	5	2	0	9	0	0	0	0	0	0	0	0	0	0	0
12:00	5	7	4	0	16	0	0	0	0	0	0	0	0	0	0	0
12:15	4	9	4	0	17	1	0	0	0	1	0	0	0	0	0	0
12:30	2	7	3	0	12	0	0	0	0	0	0	0	0	0	0	0
12:45	3	9	0	0	12	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	28	56	23	0	107	2	0	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

East Approach - Centenaire St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	3	5	5	0	13	0	1	1	0	2	0	0	0	0	0	0
15:15	1	5	3	0	9	0	0	0	0	0	0	0	0	0	0	0
15:30	7	9	11	0	27	0	0	0	0	0	0	0	0	0	0	0
15:45	5	2	6	0	13	0	0	0	0	0	0	0	0	0	0	0
16:00	7	6	7	0	20	0	0	1	0	1	0	0	0	0	0	1
16:15	4	5	5	0	14	0	0	0	0	0	0	0	0	0	0	0
16:30	6	8	3	0	17	0	0	0	0	0	0	0	0	0	0	0
16:45	5	6	5	0	16	0	0	0	0	0	0	0	0	0	0	0
17:00	5	2	3	0	10	0	0	0	0	0	0	1	0	0	1	0
17:15	5	4	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	3	5	2	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	4	9	3	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	55	66	53	0	174	0	1	2	0	3	0	1	0	0	1	1
GRAND TOTAL	137	204	172	0	513	2	6	5	0	13	0	2	0	0	2	3

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Centenaire St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	1	3	2	0	6	0	0	0	0	0	0	0	0	0	0	2
07:30	2	5	2	0	9	0	1	1	0	2	0	0	0	0	0	0
07:45	0	2	1	0	3	1	2	0	0	3	0	0	0	0	0	1
08:00	0	2	4	0	6	0	0	0	0	0	0	0	0	0	0	3
08:15	1	5	2	0	8	0	0	0	0	0	0	0	0	0	0	0
08:30	2	5	1	0	8	0	0	2	0	2	0	0	0	0	0	0
08:45	2	2	3	0	7	0	0	1	0	1	0	0	0	0	0	0
09:00	2	9	2	0	13	0	0	0	0	0	0	1	0	0	1	1
09:15	1	2	4	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:45	1	4	3	0	8	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	14	43	25	0	82	1	3	5	0	9	0	1	0	0	1	7

[illegible]

Traffic Count Data

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Municipality: Russell Twp
Count Date: Mar 21, 2024

West Approach - Centenaire St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0
15:15	0	11	6	0	17	0	1	0	0	1	0	0	0	0	0	0
15:30	1	17	6	0	24	0	1	0	0	1	0	0	0	0	0	0
15:45	0	5	8	0	13	0	0	0	0	0	0	0	0	0	0	0
16:00	1	5	2	0	8	0	0	0	0	0	0	0	0	0	0	0
16:15	3	8	8	1	20	0	1	0	0	1	0	0	0	0	0	2
16:30	0	4	6	0	10	2	1	0	0	3	0	0	0	0	0	0
16:45	1	8	5	0	14	0	0	0	0	0	0	0	0	0	0	0
17:00	0	9	4	0	13	0	0	0	0	0	0	0	0	0	0	0
17:15	0	21	2	0	23	0	0	0	0	0	0	0	0	0	0	0
17:30	2	11	8	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	1	10	4	0	15	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	112	63	1	185	2	4	0	0	6	0	0	0	0	0	2
GRAND TOTAL	24	205	105	1	335	3	7	5	0	15	0	1	0	0	1	12

Peak Hour Diagram

Specified Period

From: 07:00:00

To: 10:00:00

One Hour Peak

From: 07:15:00

To: 08:15:00

Intersection: St Augustin Rd & Centenaire St

Site Code: 2410700011




Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Augustin Rd runs N/S

North Approach




	Out	In	Total
	118	129	247
	5	7	12
	0	0	0
Totals	123	136	259

St Augustin Rd








	0	0	0	0
	0	3	2	0
	5	98	15	0
Totals	5	101	17	0

East Approach

	Out	In	Total
	100	49	149
	1	5	6
	0	0	0
Totals	101	54	155

Centenaire St

				Totals
	0	0	0	0
	0	1	3	4
	0	3	12	15
	0	1	9	10

Peds: 0






Peds: 6




Peds: 2








Peds: 5

Centenaire St

Totals			
0	0	0	0
37	37	0	0
27	26	1	0
37	37	0	0




West Approach

	Out	In	Total
	24	48	72
	5	1	6
	0	0	0
Totals	29	49	78

Totals				
17	17	95	22	0
	17	89	22	0
	0	6	0	0
	0	0	0	0

St Augustin Rd

South Approach

	Out	In	Total
	128	144	272
	6	4	10
	0	0	0
Totals	134	148	282

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Count Date: Mar 21, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach St Augustin Rd						South Approach St Augustin Rd						East Approach Centenaire St						West Approach Centenaire St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	4	15	2	0	0	21	3	18	4	0	3	25	2	6	10	0	0	18	1	3	2	0	2	6	70
07:30	6	24	0	0	0	30	2	19	5	0	1	26	3	5	8	0	2	16	2	6	3	0	0	11	83
07:45	3	28	3	0	0	34	4	21	2	0	1	27	12	9	11	0	0	32	1	4	1	0	1	6	99
08:00	4	34	0	0	0	38	8	37	11	0	0	56	20	7	8	0	0	35	0	2	4	0	3	6	135
Grand Total	17	101	5	0	0	123	17	95	22	0	5	134	37	27	37	0	2	101	4	15	10	0	6	29	387
Approach %	13.8	82.1	4.1	0	-	-	12.7	70.9	16.4	0	-	-	36.6	26.7	36.6	0	-	-	13.8	51.7	34.5	0	-	-	-
Totals %	4.4	26.1	1.3	0	-	31.8	4.4	24.5	5.7	0	-	34.6	9.6	7	9.6	0	-	26.1	1	3.9	2.6	0	-	7.5	-
PHF	0.71	0.74	0.42	0	-	0.81	0.53	0.64	0.5	0	-	0.6	0.46	0.75	0.84	0	-	0.72	0.5	0.63	0.63	0	-	0.66	0.72
Cars	15	98	5	0	-	118	17	89	22	0	-	128	37	26	37	0	-	100	3	12	9	0	-	24	370
% Cars	88.2	97	100	0	-	95.9	100	93.7	100	0	-	95.5	100	96.3	100	0	-	99	75	80	90	0	-	82.8	95.6
Trucks	2	3	0	0	-	5	0	6	0	0	-	6	0	1	0	0	-	1	1	3	1	0	-	5	17
% Trucks	11.8	3	0	0	-	4.1	0	6.3	0	0	-	4.5	0	3.7	0	0	-	1	25	20	10	0	-	17.2	4.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	5	-	-	-	-	-	2	-	-	-	-	-	6	-	13
% Peds	-	-	-	-	0	-	-	-	-	-	38.5	-	-	-	-	-	15.4	-	-	-	-	-	46.2	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Augustin Rd runs N/S

North Approach




	Out	In	Total
	61	57	118
	0	1	1
	0	0	0
Totals	61	58	119

St Augustin Rd








	0	0	0	0
	0	0	0	0
	8	41	12	0
Totals	8	41	12	0

East Approach

	Out	In	Total
	57	56	113
	1	0	1
	0	0	0
Totals	58	56	114

Centenaire St








				Totals
	0	0	0	0
	0	0	1	1
	0	0	27	27
	0	0	10	10

Peds: 2






Peds: 0








Centenaire St

Totals			
	0	0	0
	11	11	0
	32	32	0
	15	14	1

Peds: 1




West Approach

	Out	In	Total
	38	48	86
	0	0	0
	0	0	0
Totals	38	48	86


Totals				
	8	45	17	0
	0	1	0	0
	0	0	0	0

St Augustin Rd

South Approach

	Out	In	Total
	70	65	135
	1	1	2
	0	0	0
Totals	71	66	137

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Count Date: Mar 21, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St Augustin Rd						South Approach St Augustin Rd						East Approach Centenaire St						West Approach Centenaire St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	2	11	3	0	0	16	2	14	6	0	0	22	5	7	4	0	0	16	0	5	2	0	0	7	61
12:15	2	10	2	0	0	14	4	17	2	0	0	23	5	9	4	0	0	18	0	7	2	0	0	9	64
12:30	4	12	1	0	0	17	1	11	4	0	1	16	2	7	3	0	0	12	0	8	3	0	1	11	56
12:45	4	8	2	0	0	14	1	4	5	0	0	10	3	9	0	0	0	12	1	7	3	0	1	11	47
Grand Total	12	41	8	0	0	61	8	46	17	0	1	71	15	32	11	0	0	58	1	27	10	0	2	38	228
Approach %	19.7	67.2	13.1	0	-	-	11.3	64.8	23.9	0	-	-	25.9	55.2	19	0	-	-	2.6	71.1	26.3	0	-	-	-
Totals %	5.3	18	3.5	0	-	26.8	3.5	20.2	7.5	0	-	31.1	6.6	14	4.8	0	-	25.4	0.4	11.8	4.4	0	-	16.7	-
PHF	0.75	0.85	0.67	0	-	0.9	0.5	0.68	0.71	0	-	0.77	0.75	0.89	0.69	0	-	0.81	0.25	0.84	0.83	0	-	0.86	0.89
Cars	12	41	8	0	-	61	8	45	17	0	-	70	14	32	11	0	-	57	1	27	10	0	-	38	226
% Cars	100	100	100	0	-	100	100	97.8	100	0	-	98.6	93.3	100	100	0	-	98.3	100	100	100	0	-	100	99.1
Trucks	0	0	0	0	-	0	0	1	0	0	-	1	1	0	0	0	-	1	0	0	0	0	-	0	2
% Trucks	0	0	0	0	-	0	0	2.2	0	0	-	1.4	6.7	0	0	0	-	1.7	0	0	0	0	-	0	0.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	2	-	3
% Peds	-	-	-	-	0	-	-	-	-	-	33.3	-	-	-	-	-	0	-	-	-	-	-	66.7	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:30:00
To: 16:30:00




Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Count Date: Mar 21, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St Augustin Rd runs N/S

North Approach




	Out	In	Total
	162	99	261
	4	5	9
	0	0	0
Totals	166	104	270

St Augustin Rd








	0	0	0	0
	1	2	1	0
	6	105	51	0
Totals	7	107	52	0

East Approach

	Out	In	Total
	74	107	181
	1	4	5
	0	1	1
Totals	75	112	187

Centenaire St




				Totals
	0	0	1	1
	0	0	5	5
	0	2	35	37
	0	0	24	24

Peds: 2













Peds: 1

Centenaire St

Totals			
0	0	0	0
30	29	1	0
22	22	0	0
23	23	0	0




West Approach

	Out	In	Total
	65	59	124
	2	3	5
	0	0	0
Totals	67	62	129


				
Totals	32	69	23	0
	30	65	21	0
	2	4	1	0
	0	0	1	0

St Augustin Rd

South Approach

	Out	In	Total
	116	152	268
	7	2	9
	1	0	1
Totals	124	154	278

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St Augustin Rd & Centenaire St
Site Code: 2410700011
Count Date: Mar 21, 2024
Period: 15:00 - 18:00

Peak Hour Data (15:30 - 16:30)

Start Time	North Approach St Augustin Rd						South Approach St Augustin Rd						East Approach Centenaire St						West Approach Centenaire St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:30	14	30	2	0	0	46	9	18	7	0	1	34	7	9	11	0	0	27	1	18	6	0	0	25	132
15:45	11	32	2	0	0	45	1	14	4	0	1	19	5	2	6	0	0	13	0	5	8	0	0	13	90
16:00	14	26	2	0	0	42	11	16	7	0	1	34	7	6	8	0	1	21	1	5	2	0	0	8	105
16:15	13	19	1	0	0	33	11	21	5	0	0	37	4	5	5	0	0	14	3	9	8	1	2	21	105
Grand Total	52	107	7	0	0	166	32	69	23	0	3	124	23	22	30	0	1	75	5	37	24	1	2	67	432
Approach %	31.3	64.5	4.2	0	-	-	25.8	55.6	18.5	0	-	-	30.7	29.3	40	0	-	-	7.5	55.2	35.8	1.5	-	-	-
Totals %	12	24.8	1.6	0	-	38.4	7.4	16	5.3	0	-	28.7	5.3	5.1	6.9	0	-	17.4	1.2	8.6	5.6	0.2	-	15.5	-
PHF	0.93	0.84	0.88	0	-	0.9	0.73	0.82	0.82	0	-	0.84	0.82	0.61	0.68	0	-	0.69	0.42	0.51	0.75	0.25	-	0.67	0.82
Cars	51	105	6	0	-	162	30	65	21	0	-	116	23	22	29	0	-	74	5	35	24	1	-	65	417
% Cars	98.1	98.1	85.7	0	-	97.6	93.8	94.2	91.3	0	-	93.5	100	100	96.7	0	-	98.7	100	94.6	100	100	-	97	96.5
Trucks	1	2	1	0	-	4	2	4	1	0	-	7	0	0	1	0	-	1	0	2	0	0	-	2	14
% Trucks	1.9	1.9	14.3	0	-	2.4	6.3	5.8	4.3	0	-	5.6	0	0	3.3	0	-	1.3	0	5.4	0	0	-	3	3.2
Bicycles	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Bicycles	0	0	0	0	-	0	0	0	4.3	0	-	0.8	0	0	0	0	-	0	0	0	0	0	-	0	0.2
Peds	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	2	-	6
% Peds	-	-	-	-	0	-	-	-	-	-	50	-	-	-	-	-	16.7	-	-	-	-	-	33.3	-	-

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Notre Dame St & Commercial Access
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900014
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Notre Dame St & Commercial Access
Site Code:	2416900014
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Commercial Access - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	52	0	36	0	88	2	0	0	0	0	0	0	88
08:00 - 09:00	66	0	37	0	103	6	0	0	0	0	0	0	103
09:00 - 10:00	90	0	40	0	130	2	0	0	0	0	0	0	130
BREAK													
11:00 - 12:00	194	0	56	0	250	0	0	0	0	0	0	0	250
12:00 - 13:00	198	0	69	0	267	6	0	0	0	0	0	0	267
BREAK													
15:00 - 16:00	215	0	55	0	270	9	0	0	0	0	0	0	270
16:00 - 17:00	308	0	51	0	359	4	0	0	0	0	0	0	359
17:00 - 18:00	251	0	64	0	315	12	0	0	0	0	0	0	315
GRAND TOTAL	1374	0	408	0	1782	41	0	0	0	0	0	0	1782

Traffic Count Summary

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Notre Dame St - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	427	98	0	525	1	23	204	0	0	227	1	752
08:00 - 09:00	0	411	100	0	511	0	46	259	0	0	305	2	816
09:00 - 10:00	0	397	100	0	497	5	65	300	0	0	365	1	862
BREAK													
11:00 - 12:00	0	396	148	0	544	0	80	375	0	0	455	0	999
12:00 - 13:00	0	440	146	0	586	0	104	430	0	0	534	3	1120
BREAK													
15:00 - 16:00	0	424	132	0	556	0	96	512	0	0	608	0	1164
16:00 - 17:00	0	436	177	0	613	0	118	587	0	0	705	1	1318
17:00 - 18:00	0	358	145	0	503	0	105	529	0	0	634	1	1137
GRAND TOTAL	0	3289	1046	0	4335	6	637	3196	0	0	3833	9	8168

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - Commercial Access

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	9	0	13	0	22	3	0	0	0	3	0	0	0	0	0	0
07:15	6	0	8	0	14	2	0	0	0	2	0	0	0	0	0	1
07:30	9	0	8	0	17	2	0	1	0	3	0	0	0	0	0	1
07:45	21	0	6	0	27	0	0	0	0	0	0	0	0	0	0	0
08:00	10	0	10	0	20	1	0	0	0	1	0	0	0	0	0	0
08:15	15	0	10	0	25	1	0	1	0	2	0	0	0	0	0	2
08:30	20	0	7	0	27	0	0	0	0	0	0	0	0	0	0	1
08:45	18	0	8	0	26	1	0	1	0	2	0	0	0	0	0	3
09:00	18	0	11	0	29	2	0	0	0	2	0	0	0	0	0	2
09:15	25	0	17	0	42	1	0	0	0	1	0	0	0	0	0	0
09:30	17	0	4	0	21	0	0	0	0	0	0	0	0	0	0	0
09:45	26	0	8	0	34	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	194	0	110	0	304	14	0	3	0	17	0	0	0	0	0	10

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - Commercial Access













Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	43	0	11	0	54	0	0	0	0	0	0	0	0	0	0	0
11:15	47	0	13	0	60	0	0	0	0	0	0	0	0	0	0	0
11:30	56	0	13	0	69	1	0	1	0	2	0	0	0	0	0	0
11:45	45	0	18	0	63	2	0	0	0	2	0	0	0	0	0	0
12:00	58	0	10	0	68	0	0	0	0	0	0	0	0	0	0	2
12:15	48	0	19	0	67	2	0	0	0	2	0	0	0	0	0	1
12:30	45	0	14	0	59	0	0	0	0	0	0	0	0	0	0	2
12:45	44	0	26	0	70	1	0	0	0	1	0	0	0	0	0	1
SUBTOTAL	386	0	124	0	510	6	0	1	0	7	0	0	0	0	0	6

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - Commercial Access

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	53	0	14	0	67	2	0	0	0	2	0	0	0	0	0	3
15:15	44	0	12	0	56	0	0	0	0	0	0	0	0	0	0	1
15:30	58	0	13	0	71	2	0	1	0	3	0	0	0	0	0	1
15:45	56	0	14	0	70	0	0	1	0	1	0	0	0	0	0	4
16:00	69	0	13	0	82	1	0	0	0	1	0	0	0	0	0	2
16:15	74	0	8	0	82	0	0	0	0	0	0	0	0	0	0	0
16:30	88	0	16	0	104	0	0	0	0	0	2	0	0	0	2	2
16:45	74	0	13	0	87	0	0	1	0	1	0	0	0	0	0	0
17:00	79	0	15	0	94	0	0	0	0	0	1	0	0	0	1	2
17:15	77	0	14	0	91	0	0	0	0	0	0	0	0	0	0	5
17:30	44	0	18	0	62	0	0	0	0	0	0	0	0	0	0	2
17:45	50	0	17	0	67	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	766	0	167	0	933	5	0	3	0	8	3	0	0	0	3	25
GRAND TOTAL	1346	0	401	0	1747	25	0	7	0	32	3	0	0	0	3	41

	Cars					Trucks					Bicycles					
Start Time					Total					Total					Total	Total Peds
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

[illegible]

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	99	19	0	118	0	0	0	0	0	0	0	0	0	0	0
07:15	0	99	27	0	126	0	4	0	0	4	0	0	0	0	0	1
07:30	0	100	23	0	123	0	15	0	0	15	0	0	0	0	0	0
07:45	0	105	28	0	133	0	5	1	0	6	0	0	0	0	0	0
08:00	0	102	25	0	127	0	2	1	0	3	0	0	0	0	0	0
08:15	0	94	19	0	113	0	1	0	0	1	0	0	0	0	0	0
08:30	0	92	31	0	123	0	3	0	0	3	0	0	0	0	0	0
08:45	0	113	23	0	136	0	4	1	0	5	0	0	0	0	0	0
09:00	0	92	29	0	121	0	10	1	0	11	0	0	0	0	0	2
09:15	0	99	23	0	122	0	6	1	0	7	0	0	0	0	0	1
09:30	0	85	24	0	109	0	4	0	0	4	0	0	0	0	0	0
09:45	0	99	22	0	121	0	2	0	0	2	0	0	0	0	0	2
SUBTOTAL	0	1179	293	0	1472	0	56	5	0	61	0	0	0	0	0	6

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	86	37	0	123	0	2	0	0	2	0	0	0	0	0	0
11:15	0	94	35	0	129	0	2	2	0	4	0	0	0	0	0	0
11:30	0	103	40	0	143	0	3	1	0	4	0	0	0	0	0	0
11:45	0	106	32	0	138	0	0	1	0	1	0	0	0	0	0	0
12:00	0	121	42	0	163	0	0	0	0	0	0	0	0	0	0	0
12:15	0	94	37	0	131	0	1	0	0	1	0	0	0	0	0	0
12:30	0	109	38	0	147	0	0	0	0	0	0	0	0	0	0	0
12:45	0	112	29	0	141	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	0	825	290	0	1115	0	11	4	0	15	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	102	31	0	133	0	4	2	0	6	0	0	0	0	0	0
15:15	0	101	32	0	133	0	3	0	0	3	0	0	0	0	0	0
15:30	0	97	34	0	131	0	2	1	0	3	0	0	0	0	0	0
15:45	0	113	32	0	145	0	2	0	0	2	0	0	0	0	0	0
16:00	0	114	40	0	154	0	2	0	0	2	0	0	0	0	0	0
16:15	0	120	43	0	163	0	0	0	0	0	0	0	0	0	0	0
16:30	0	100	49	0	149	0	2	1	0	3	0	0	0	0	0	0
16:45	0	98	44	0	142	0	0	0	0	0	0	0	0	0	0	0
17:00	0	99	36	0	135	0	1	0	0	1	0	0	0	0	0	0
17:15	0	82	39	0	121	0	0	1	0	1	0	0	0	0	0	0
17:30	0	102	34	0	136	0	0	0	0	0	0	0	0	0	0	0
17:45	0	74	35	0	109	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	1202	449	0	1651	0	16	5	0	21	0	0	0	0	0	0
GRAND TOTAL	0	3206	1032	0	4238	0	83	14	0	97	0	0	0	0	0	6

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	5	27	0	0	32	1	3	0	0	4	0	0	0	0	0	0
07:15	3	40	0	0	43	0	2	0	0	2	0	0	0	0	0	0
07:30	5	43	0	0	48	0	4	0	0	4	0	0	0	0	0	0
07:45	7	73	0	0	80	2	12	0	0	14	0	0	0	0	0	1
08:00	8	62	0	0	70	0	7	0	0	7	0	0	0	0	0	0
08:15	13	58	0	0	71	1	5	0	0	6	0	0	0	0	0	1
08:30	9	69	0	0	78	0	1	0	0	1	0	0	0	0	0	0
08:45	13	52	0	0	65	2	5	0	0	7	0	0	0	0	0	1
09:00	17	56	0	0	73	1	3	0	0	4	0	0	0	0	0	1
09:15	8	82	0	0	90	2	3	0	0	5	0	0	0	0	0	0
09:30	18	79	0	0	97	0	2	0	0	2	0	0	0	0	0	0
09:45	19	70	0	0	89	0	5	0	0	5	0	0	0	0	0	0
SUBTOTAL	125	711	0	0	836	9	52	0	0	61	0	0	0	0	0	4

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
 Site Code: 2416900014
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	15	71	0	0	86	1	4	0	0	5	0	0	0	0	0	0
11:15	14	94	0	0	108	0	6	0	0	6	0	0	0	0	0	0
11:30	22	112	0	0	134	0	3	0	0	3	0	0	0	0	0	0
11:45	26	84	0	0	110	2	1	0	0	3	0	0	0	0	0	0
12:00	29	102	0	0	131	2	3	0	0	5	0	0	0	0	0	2
12:15	22	115	0	0	137	0	2	0	0	2	0	0	0	0	0	1
12:30	26	110	0	0	136	1	3	0	0	4	0	0	0	0	0	0
12:45	23	95	0	0	118	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	177	783	0	0	960	7	22	0	0	29	0	0	0	0	0	3

Traffic Count Data

Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	15	113	0	0	128	1	2	0	0	3	0	0	0	0	0	0
15:15	23	124	0	0	147	1	0	0	0	1	0	0	0	0	0	0
15:30	28	128	0	0	156	1	4	0	0	5	0	0	0	0	0	0
15:45	27	139	0	0	166	0	2	0	0	2	0	0	0	0	0	0
16:00	20	139	0	0	159	0	5	0	0	5	0	0	0	0	0	0
16:15	38	163	0	0	201	0	4	0	0	4	0	0	0	0	0	0
16:30	30	138	0	0	168	0	0	0	0	0	0	0	0	0	0	1
16:45	30	135	0	0	165	0	3	0	0	3	0	0	0	0	0	0
17:00	31	152	0	0	183	0	1	0	0	1	0	0	0	0	0	0
17:15	28	129	0	0	157	0	2	0	0	2	0	0	0	0	0	0
17:30	29	124	0	0	153	0	0	0	0	0	0	0	0	0	0	0
17:45	17	121	0	0	138	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	316	1605	0	0	1921	3	23	0	0	26	0	0	0	0	0	2
GRAND TOTAL	618	3099	0	0	3717	19	97	0	0	116	0	0	0	0	0	9

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 09:00:00
To: 10:00:00




Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	126	160	286
	4	5	9
	0	0	0
Totals	130	165	295

Commercial Access








	0	0	0	0
	0	0	4	0
	40	0	86	0
Totals	40	0	90	0

East Approach

	Out	In	Total
	473	373	846
	24	17	41
	0	0	0
Totals	497	390	887

Notre Dame St

				Totals
	0	0	0	0
	0	3	62	65
	0	13	287	300
	0	0	0	0

Peds: 1










Peds: 2




Peds: 0








Peds: 5

Notre Dame St

Totals			
	0	0	0
	100	98	2
	397	375	22
	0	0	0




West Approach

	Out	In	Total
	349	415	764
	16	22	38
	0	0	0
Totals	365	437	802


Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0

Commercial Access

South Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (09:00 - 10:00)

Start Time	North Approach Commercial Access						South Approach Commercial Access						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
09:00	20	0	11	0	2	31	0	0	0	0	0	0	0	102	30	0	2	132	18	59	0	0	1	77	240
09:15	26	0	17	0	0	43	0	0	0	0	0	0	0	105	24	0	1	129	10	85	0	0	0	95	267
09:30	17	0	4	0	0	21	0	0	0	0	0	0	0	89	24	0	0	113	18	81	0	0	0	99	233
09:45	27	0	8	0	0	35	0	0	0	0	0	0	0	101	22	0	2	123	19	75	0	0	0	94	252
Grand Total	90	0	40	0	2	130	0	0	0	0	0	0	0	397	100	0	5	497	65	300	0	0	1	365	992
Approach %	69.2	0	30.8	0	-	-	0	0	0	0	-	-	0	79.9	20.1	0	-	-	17.8	82.2	0	0	-	-	-
Totals %	9.1	0	4	0	13.1	-	0	0	0	0	0	-	0	40	10.1	0	50.1	-	6.6	30.2	0	0	36.8	-	-
PHF	0.83	0	0.59	0	0.76	-	0	0	0	0	0	-	0	0.95	0.83	0	0.94	-	0.86	0.88	0	0	0.92	0.93	-
Cars	86	0	40	0	-	126	0	0	0	0	-	0	0	375	98	0	-	473	62	287	0	0	-	349	948
% Cars	95.6	0	100	0	-	96.9	0	0	0	0	-	0	0	94.5	98	0	-	95.2	95.4	95.7	0	0	-	95.6	95.6
Trucks	4	0	0	0	-	4	0	0	0	0	-	0	0	22	2	0	-	24	3	13	0	0	-	16	44
% Trucks	4.4	0	0	0	-	3.1	0	0	0	0	-	0	0	5.5	2	0	-	4.8	4.6	4.3	0	0	-	4.4	4.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	5	-	-	-	-	-	1	-	8
% Peds	-	-	-	-	25	-	-	-	-	-	0	-	-	-	-	-	62.5	-	-	-	-	-	12.5	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	264	246	510
	3	4	7
	0	0	0
Totals	267	250	517

Commercial Access








	0	0	0	0
	0	0	3	0
	69	0	195	0
Totals	69	0	198	0

East Approach

	Out	In	Total
	582	617	1199
	4	11	15
	0	0	0
Totals	586	628	1214

Notre Dame St

				Totals
	0	0	0	0
	0	4	100	104
	0	8	422	430
	0	0	0	0

Peds: 3










Peds: 6




Peds: 0








Peds: 0

Notre Dame St

Totals			
	0	0	0
	146	146	0
	440	436	4
	0	0	0




West Approach

	Out	In	Total
	522	505	1027
	12	4	16
	0	0	0
Totals	534	509	1043


Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0

Commercial Access

South Approach

Out	In	Total
	0	0
	0	0
	0	0
Totals	0	0

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach Commercial Access						South Approach Commercial Access						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	58	0	10	0	2	68	0	0	0	0	0	0	0	121	42	0	0	163	31	105	0	0	2	136	367
12:15	50	0	19	0	1	69	0	0	0	0	0	0	0	95	37	0	0	132	22	117	0	0	1	139	340
12:30	45	0	14	0	2	59	0	0	0	0	0	0	0	109	38	0	0	147	27	113	0	0	0	140	346
12:45	45	0	26	0	1	71	0	0	0	0	0	0	0	115	29	0	0	144	24	95	0	0	0	119	334
Grand Total	198	0	69	0	6	267	0	0	0	0	0	0	0	440	146	0	0	586	104	430	0	0	3	534	1387
Approach %	74.2	0	25.8	0	-	-	0	0	0	0	-	-	0	75.1	24.9	0	-	-	19.5	80.5	0	0	-	-	-
Totals %	14.3	0	5	0	-	19.3	0	0	0	0	-	0	0	31.7	10.5	0	-	42.2	7.5	31	0	0	-	38.5	-
PHF	0.85	0	0.66	0	-	0.94	0	0	0	0	-	0	0	0.91	0.87	0	-	0.9	0.84	0.92	0	0	-	0.95	0.94
Cars	195	0	69	0	-	264	0	0	0	0	-	0	0	436	146	0	-	582	100	422	0	0	-	522	1368
% Cars	98.5	0	100	0	-	98.9	0	0	0	0	-	0	0	99.1	100	0	-	99.3	96.2	98.1	0	0	-	97.8	98.6
Trucks	3	0	0	0	-	3	0	0	0	0	-	0	0	4	0	0	-	4	4	8	0	0	-	12	19
% Trucks	1.5	0	0	0	-	1.1	0	0	0	0	-	0	0	0.9	0	0	-	0.7	3.8	1.9	0	0	-	2.2	1.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	6	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	-	9
% Peds	-	-	-	-	66.7	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	33.3	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	367	301	668
	1	1	2
	3	0	3
Totals	371	302	673

Commercial Access








	0	0	3	0
	1	0	0	0
	52	0	315	0
Totals	53	0	318	0

East Approach

	Out	In	Total
	589	903	1492
	4	8	12
	0	3	3
Totals	593	914	1507

Notre Dame St

				Totals
	0	0	0	0
	0	0	129	129
	0	8	588	596
	0	0	0	0

Peds: 1










Peds: 4




Peds: 0








Peds: 0

Notre Dame St

Totals			
	0	0	0
	173	172	1
	420	417	3
	0	0	0




West Approach

	Out	In	Total
	717	469	1186
	8	4	12
	0	0	0
Totals	725	473	1198


Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0

Commercial Access

South Approach

Out	In	Total
	0	0
	0	0
	0	0
Totals	0	0

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & Commercial Access
Site Code: 2416900014
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach Commercial Access						South Approach Commercial Access						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15	74	0	8	0	0	82	0	0	0	0	0	0	0	120	43	0	0	163	38	167	0	0	0	205	450
16:30	90	0	16	0	2	106	0	0	0	0	0	0	0	102	50	0	0	152	30	138	0	0	1	168	426
16:45	74	0	14	0	0	88	0	0	0	0	0	0	0	98	44	0	0	142	30	138	0	0	0	168	398
17:00	80	0	15	0	2	95	0	0	0	0	0	0	0	100	36	0	0	136	31	153	0	0	0	184	415
Grand Total	318	0	53	0	4	371	0	0	0	0	0	0	0	420	173	0	0	593	129	596	0	0	1	725	1689
Approach %	85.7	0	14.3	0	-	-	0	0	0	0	-	-	0	70.8	29.2	0	-	-	17.8	82.2	0	0	-	-	-
Totals %	18.8	0	3.1	0	-	22	0	0	0	0	-	0	0	24.9	10.2	0	-	35.1	7.6	35.3	0	0	-	42.9	-
PHF	0.88	0	0.83	0	-	0.88	0	0	0	0	-	0	0	0.88	0.87	0	-	0.91	0.85	0.89	0	0	-	0.88	0.94
Cars	315	0	52	0	-	367	0	0	0	0	-	0	0	417	172	0	-	589	129	588	0	0	-	717	1673
% Cars	99.1	0	98.1	0	-	98.9	0	0	0	0	-	0	0	99.3	99.4	0	-	99.3	100	98.7	0	0	-	98.9	99.1
Trucks	0	0	1	0	-	1	0	0	0	0	-	0	0	3	1	0	-	4	0	8	0	0	-	8	13
% Trucks	0	0	1.9	0	-	0.3	0	0	0	0	-	0	0	0.7	0.6	0	-	0.7	0	1.3	0	0	-	1.1	0.8
Bicycles	3	0	0	0	-	3	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	3
% Bicycles	0.9	0	0	0	-	0.8	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0.2
Peds	-	-	-	-	4	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	5
% Peds	-	-	-	-	80	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	20	-	-

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 100 & Hamilton Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900001
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 100 & Hamilton Rd
Site Code:	2416900001
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

Hamilton Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	4	8	3	0	15	0	2	9	5	0	16	0	31
08:00 - 09:00	2	7	3	0	12	0	1	8	3	0	12	0	24
09:00 - 10:00	1	10	1	0	12	0	6	8	3	0	17	0	29
BREAK													
11:00 - 12:00	4	8	0	0	12	0	3	6	1	0	10	0	22
12:00 - 13:00	1	13	2	0	16	0	4	11	3	0	18	0	34
BREAK													
15:00 - 16:00	4	12	7	0	23	0	1	6	4	0	11	0	34
16:00 - 17:00	3	12	2	0	17	0	4	12	3	1	20	0	37
17:00 - 18:00	6	13	1	0	20	0	1	4	1	0	6	0	26
GRAND TOTAL	25	83	19	0	127	0	22	64	23	1	110	0	237

Traffic Count Summary

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 100 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	5	4	4	0	13	0	2	6	0	0	8	0	21
08:00 - 09:00	2	7	4	0	13	0	1	6	1	0	8	0	21
09:00 - 10:00	1	7	1	0	9	0	1	2	2	0	5	0	14
BREAK													
11:00 - 12:00	3	6	3	0	12	0	0	6	4	0	10	0	22
12:00 - 13:00	2	6	1	0	9	0	0	1	2	0	3	0	12
BREAK													
15:00 - 16:00	0	6	1	0	7	0	1	9	6	0	16	0	23
16:00 - 17:00	4	6	3	0	13	0	3	9	1	0	13	0	26
17:00 - 18:00	0	12	1	0	13	0	5	13	1	0	19	0	32
GRAND TOTAL	17	54	18	0	89	0	13	52	17	0	82	0	171

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
07:30	0	2	2	0	4	1	0	0	0	1	0	0	0	0	0	0
07:45	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
08:00	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:45	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
09:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:30	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0
09:45	0	4	0	0	4	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	5	24	6	0	35	2	1	1	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
 Site Code: 2416900001
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	3	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0
11:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0
12:15	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
12:45	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0
SUBTOTAL	5	19	1	0	25	0	1	1	0	2	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	3	0	0	3	0	0	1	0	1	0	0	0	0	0	0
15:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
15:30	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	3	5	3	0	11	0	0	0	0	0	0	0	0	0	0	0
16:00	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
16:15	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
16:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	1	6	1	0	8	0	0	0	0	0	0	0	0	0	0	0
17:00	0	5	0	0	5	1	0	0	0	1	0	0	0	0	0	0
17:15	2	6	1	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	11	37	9	0	57	2	0	1	0	3	0	0	0	0	0	0
GRAND TOTAL	21	80	16	0	117	4	2	3	0	9	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
07:15	1	3	1	0	5	0	0	2	0	2	0	0	0	0	0	0
07:30	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
07:45	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
08:00	1	3	2	0	6	0	0	0	0	0	0	0	0	0	0	0
08:15	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0
09:15	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	0
09:30	3	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:45	2	2	2	0	6	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	24	8	0	41	0	1	3	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
 Site Code: 2416900001
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
11:15	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:00	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:30	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	1	3	3	0	7	0	0	0	0	0	0	1	0	0	1	0
SUBTOTAL	7	16	4	0	27	0	0	0	0	0	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Hamilton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	1	1	0	2	0	1	0	0	1	0	0	0	0	0	0
15:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	1	4	0	1	6	0	0	0	0	0	0	0	0	0	0	0
16:15	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
16:30	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
16:45	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	0
17:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	21	8	1	36	0	1	0	0	1	0	0	0	0	0	0
GRAND TOTAL	22	61	20	1	104	0	2	3	0	5	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0
07:15	1	0	0	0	1	1	0	1	0	2	0	0	0	0	0	0
07:30	2	0	2	0	4	1	0	0	0	1	0	0	0	0	0	0
07:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:00	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
08:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
08:30	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0
09:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:30	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	15	8	0	29	2	3	1	0	6	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	1	1	0	2		0	0	0	0	0		0	0	0	0	0	0		
11:15	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	2	1	0	3		0	0	0	0	0		0	0	0	0	0	0		
11:45	2	3	1	0	6		0	0	0	0	0		0	0	0	0	0	0		
12:00	1	1	0	0	2		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	1	1	0	2		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	2	0	0	2		0	0	0	0	0		0	0	0	0	0	0		
12:45	1	2	0	0	3		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	5	12	4	0	21		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0
16:00	1	1	2	0	4	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0
16:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:00	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	23	4	0	30	1	1	1	0	3	0	0	0	0	0	0
GRAND TOTAL	14	50	16	0	80	3	4	2	0	9	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:00	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
08:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
09:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	14	2	0	19	1	0	1	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	0	3	1	0	4	0	1	0	0	1	0	0	0	0	0	0
11:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	6	6	0	12	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	2	4	0	6	0	1	0	0	1	0	0	0	0	0	0
15:15	0	3	1	0	4	1	0	0	0	1	0	0	0	0	0	0
15:30	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
15:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
16:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:30	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
16:45	2	3	0	0	5	1	0	0	0	1	0	0	0	0	0	0
17:00	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
17:15	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17:45	2	5	1	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	29	8	0	44	2	2	0	0	4	0	0	0	0	0	0
GRAND TOTAL	10	49	16	0	75	3	3	1	0	7	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Hamilton Rd runs N/S

North Approach




	Out	In	Total
	14	14	28
	1	1	2
	0	0	0
Totals	15	15	30

Hamilton Rd








	0	0	0	0
	0	0	1	0
	3	8	3	0
Totals	3	8	4	0

East Approach

	Out	In	Total
	12	14	26
	4	3	7
	0	0	0
Totals	16	17	33

Rte 100

				Totals
	0	0	0	0
	0	0	1	1
	0	0	7	7
	0	0	0	0

Peds: 0




Peds: 0






Peds: 0





Peds: 0




Rte 100

Totals			
0	0	0	0
3	2	1	0
8	7	1	0
5	3	2	0

West Approach




	Out	In	Total
	8	13	21
	0	1	1
	0	0	0
Totals	8	14	22

				
Totals	3	11	6	0


	3	11	4	0
	0	0	2	0
	0	0	0	0

Hamilton Rd

South Approach

	Out	In	Total
	18	11	29
	2	2	4
	0	0	0
Totals	20	13	33

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Hamilton Rd						South Approach Hamilton Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	0	2	1	0	0	3	1	3	3	0	0	7	2	0	1	0	0	3	0	0	0	0	0	0	13
07:30	1	2	2	0	0	5	1	2	0	0	0	3	3	0	2	0	0	5	0	1	0	0	0	1	14
07:45	1	3	0	0	0	4	0	3	1	0	0	4	0	3	0	0	0	3	0	3	0	0	0	3	14
08:00	2	1	0	0	0	3	1	3	2	0	0	6	0	5	0	0	0	5	1	3	0	0	0	4	18
Grand Total	4	8	3	0	0	15	3	11	6	0	0	20	5	8	3	0	0	16	1	7	0	0	0	8	59
Approach %	26.7	53.3	20	0	-	-	15	55	30	0	-	-	31.3	50	18.8	0	-	-	12.5	87.5	0	0	-	-	-
Totals %	6.8	13.6	5.1	0	-	25.4	5.1	18.6	10.2	0	-	33.9	8.5	13.6	5.1	0	-	27.1	1.7	11.9	0	0	-	13.6	-
PHF	0.5	0.67	0.38	0	-	0.75	0.75	0.92	0.5	0	-	0.71	0.42	0.4	0.38	0	-	0.8	0.25	0.58	0	0	-	0.5	0.82
Cars	3	8	3	0	-	14	3	11	4	0	-	18	3	7	2	0	-	12	1	7	0	0	-	8	52
% Cars	75	100	100	0	-	93.3	100	100	66.7	0	-	90	60	87.5	66.7	0	-	75	100	100	0	0	-	100	88.1
Trucks	1	0	0	0	-	1	0	0	2	0	-	2	2	1	1	0	-	4	0	0	0	0	-	0	7
% Trucks	25	0	0	0	-	6.7	0	0	33.3	0	-	10	40	12.5	33.3	0	-	25	0	0	0	0	-	0	11.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Hamilton Rd runs N/S

North Approach




	Out	In	Total
	13	11	24
	2	0	2
	1	1	2
Totals	16	12	28

Hamilton Rd








	0	1	0	0
	1	1	0	0
	1	11	1	0
Totals	2	13	1	0

East Approach

	Out	In	Total
	9	5	14
	0	0	0
	0	0	0
Totals	9	5	14

Rte 100

				Totals
	0	0	0	0
	0	0	0	0
	0	0	1	1
	0	0	2	2








Peds: 0






Peds: 0








Peds: 0

Rte 100

Totals			
	0	0	0
	1	1	0
	6	6	0
	2	2	0




West Approach

	Out	In	Total
	3	11	14
	0	1	1
	0	0	0
Totals	3	12	15


Totals				
	4	11	3	0
	0	0	0	0
	0	1	0	0

Hamilton Rd

South Approach

	Out	In	Total
	17	15	32
	0	1	1
	1	1	2
Totals	18	17	35

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach Hamilton Rd						South Approach Hamilton Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	0	2	1	0	0	3	1	4	0	0	0	5	1	1	0	0	0	2	0	1	1	0	0	2	12
12:15	1	1	1	0	0	3	0	1	0	0	0	1	0	1	1	0	0	2	0	0	0	0	0	0	6
12:30	0	4	0	0	0	4	2	2	0	0	0	4	0	2	0	0	0	2	0	0	0	0	0	0	10
12:45	0	6	0	0	0	6	1	4	3	0	0	8	1	2	0	0	0	3	0	0	1	0	0	1	18
Grand Total	1	13	2	0	0	16	4	11	3	0	0	18	2	6	1	0	0	9	0	1	2	0	0	3	46
Approach %	6.3	81.3	12.5	0	-	-	22.2	61.1	16.7	0	-	-	22.2	66.7	11.1	0	-	-	0	33.3	66.7	0	-	-	-
Totals %	2.2	28.3	4.3	0	-	34.8	8.7	23.9	6.5	0	-	39.1	4.3	13	2.2	0	-	19.6	0	2.2	4.3	0	-	6.5	-
PHF	0.25	0.54	0.5	0	-	0.67	0.5	0.69	0.25	0	-	0.56	0.5	0.75	0.25	0	-	0.75	0	0.25	0.5	0	-	0.38	0.64
Cars	1	11	1	0	-	13	4	10	3	0	-	17	2	6	1	0	-	9	0	1	2	0	-	3	42
% Cars	100	84.6	50	0	-	81.3	100	90.9	100	0	-	94.4	100	100	100	0	-	100	0	100	100	0	-	100	91.3
Trucks	0	1	1	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	2
% Trucks	0	7.7	50	0	-	12.5	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	4.3
Bicycles	0	1	0	0	-	1	0	1	0	0	-	1	0	0	0	0	-	0	0	0	0	0	0	0	2
% Bicycles	0	7.7	0	0	-	6.3	0	9.1	0	0	-	5.6	0	0	0	0	-	0	0	0	0	0	0	0	4.3
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:45:00
To: 17:45:00




Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Hamilton Rd runs N/S

North Approach




	Out	In	Total
	24	13	37
	1	1	2
	0	0	0
Totals	25	14	39

Hamilton Rd




	0	0	0	0
	0	0	1	0
	2	18	4	0
Totals	2	18	5	0










East Approach

	Out	In	Total
	17	17	34
	0	1	1
	0	0	0
Totals	17	18	35

Rte 100

				Totals
	0	0	0	0
	0	1	5	6
	0	0	11	11
	0	0	0	0

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 100

Totals			
0	0	0	0
1	1	0	0
15	15	0	0
1	1	0	0




West Approach

	Out	In	Total
	16	19	35
	1	0	1
	0	0	0
Totals	17	19	36


Totals				
	2	7	2	0
	0	0	0	0
	0	0	0	0

Hamilton Rd

South Approach

	Out	In	Total
	11	19	30
	0	0	0
	0	0	0
Totals	11	19	30

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Hamilton Rd
Site Code: 2416900001
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:45 - 17:45)

Start Time	North Approach Hamilton Rd						South Approach Hamilton Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicl es
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:45	1	6	1	0	0	8	1	3	1	0	0	5	1	4	0	0	0	5	3	3	0	0	0	6	24
17:00	1	5	0	0	0	6	0	1	0	0	0	1	0	7	0	0	0	7	1	2	0	0	0	3	17
17:15	2	6	1	0	0	9	0	0	1	0	0	1	0	0	1	0	0	1	1	1	0	0	0	2	13
17:30	1	1	0	0	0	2	1	3	0	0	0	4	0	4	0	0	0	4	1	5	0	0	0	6	16
Grand Total	5	18	2	0	0	25	2	7	2	0	0	11	1	15	1	0	0	17	6	11	0	0	0	17	70
Approach %	20	72	8	0	-	-	18.2	63.6	18.2	0	-	-	5.9	88.2	5.9	0	-	-	35.3	64.7	0	0	-	-	-
Totals %	7.1	25.7	2.9	0	-	35.7	2.9	10	2.9	0	-	15.7	1.4	21.4	1.4	0	-	24.3	8.6	15.7	0	0	-	24.3	-
PHF	0.63	0.75	0.5	0	-	0.69	0.5	0.58	0.5	0	-	0.55	0.25	0.54	0.25	0	-	0.61	0.5	0.55	0	0	-	0.71	0.73
Cars	4	18	2	0	-	24	2	7	2	0	-	11	1	15	1	0	-	17	5	11	0	0	-	16	68
% Cars	80	100	100	0	-	96	100	100	100	0	-	100	100	100	100	0	-	100	83.3	100	0	0	-	94.1	97.1
Trucks	1	0	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1	0	0	0	-	1	2
% Trucks	20	0	0	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	16.7	0	0	0	-	5.9	2.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

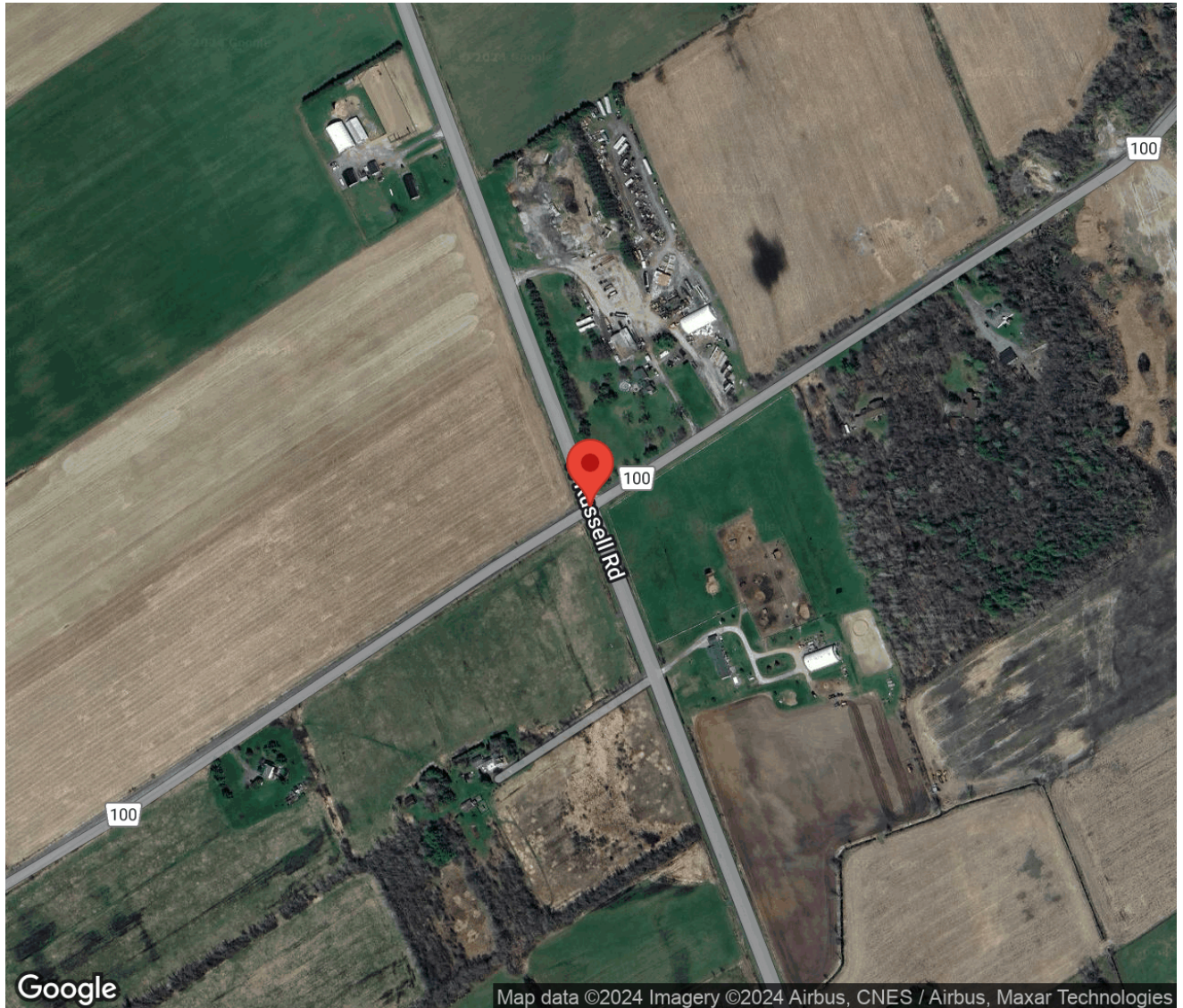
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 100 & North Russell Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900002
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 100 & North Russell Rd
Site Code:	2416900002
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 100 & North Russell Rd
 Site Code: 2416900002
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Russell Rd - Traffic Summary

North Approach Totals							South Approach Totals							Total
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles							
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds		
07:00 - 08:00	1	40	2	0	43	0	1	173	2	0	176	0	219	
08:00 - 09:00	0	38	4	0	42	0	7	119	3	0	129	0	171	
09:00 - 10:00	1	36	2	0	39	0	4	95	3	0	102	0	141	
BREAK														
11:00 - 12:00	1	38	1	0	40	0	2	48	1	0	51	0	91	
12:00 - 13:00	1	40	2	0	43	0	6	67	1	0	74	0	117	
BREAK														
15:00 - 16:00	2	116	4	0	122	0	9	50	2	0	61	0	183	
16:00 - 17:00	0	147	2	0	149	0	6	77	0	0	83	0	232	
17:00 - 18:00	1	107	3	0	111	0	1	50	1	0	52	0	163	
GRAND TOTAL	7	562	20	0	589	0	36	679	13	0	728	0	1317	

Traffic Count Summary

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 100 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	2	0	0	4	0	2	1	4	0	7	0	11
08:00 - 09:00	1	2	1	0	4	0	2	0	5	0	7	0	11
09:00 - 10:00	0	2	1	0	3	0	0	3	5	0	8	0	11
BREAK													
11:00 - 12:00	2	1	3	0	6	0	0	1	5	0	6	0	12
12:00 - 13:00	0	0	0	0	0	0	0	1	3	0	4	0	4
BREAK													
15:00 - 16:00	2	1	1	0	4	0	0	9	7	0	16	0	20
16:00 - 17:00	1	1	0	0	2	0	0	9	6	0	15	0	17
17:00 - 18:00	3	1	2	0	6	0	4	1	9	0	14	0	20
GRAND TOTAL	11	10	8	0	29	0	8	25	44	0	77	0	106

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0
07:15	1	13	0	0	14	0	2	0	0	2	0	0	0	0	0	0
07:30	0	15	1	0	16	0	1	0	0	1	0	0	0	0	0	0
07:45	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:00	0	10	1	0	11	0	0	0	0	0	0	0	0	0	0	0
08:15	0	4	1	0	5	0	1	0	0	1	0	0	0	0	0	0
08:30	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
08:45	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
09:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
09:15	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
09:30	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
09:45	1	11	1	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	109	7	0	118	0	5	1	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
11:15	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
11:30	0	7	1	0	8	0	1	0	0	1	0	0	0	0	0	0
11:45	1	11	0	0	12	0	0	0	0	0	0	0	0	0	0	0
12:00	0	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0
12:15	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
12:30	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12:45	0	10	1	0	11	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	74	3	0	79	0	4	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0
15:15	1	36	0	0	37	0	0	0	0	0	0	0	0	0	0	0
15:30	1	32	1	0	34	0	1	0	0	1	0	0	0	0	0	0
15:45	0	25	2	0	27	0	2	1	0	3	0	0	0	0	0	0
16:00	0	29	0	0	29	0	1	0	0	1	0	0	0	0	0	0
16:15	0	36	0	0	36	0	0	0	0	0	0	0	0	0	0	0
16:30	0	41	1	0	42	0	1	0	0	1	0	0	0	0	0	0
16:45	0	39	1	0	40	0	0	0	0	0	0	0	0	0	0	0
17:00	1	27	2	0	30	0	0	0	0	0	0	0	0	0	0	0
17:15	0	23	1	0	24	0	1	0	0	1	0	0	0	0	0	0
17:30	0	33	0	0	33	0	0	0	0	0	0	0	0	0	0	0
17:45	0	22	0	0	22	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	3	363	8	0	374	0	7	1	0	8	0	0	0	0	0	0
GRAND TOTAL	7	546	18	0	571	0	16	2	0	18	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	45	0	0	45	0	1	0	0	1	0	0	0	0	0	0
07:15	0	45	0	0	45	0	0	1	0	1	0	0	0	0	0	0
07:30	1	43	0	0	44	0	0	0	0	0	0	0	0	0	0	0
07:45	0	36	0	0	36	0	3	1	0	4	0	0	0	0	0	0
08:00	2	38	1	0	41	0	0	1	0	1	0	0	0	0	0	0
08:15	0	45	1	0	46	0	1	0	0	1	0	0	0	0	0	0
08:30	2	17	0	0	19	0	0	0	0	0	0	0	0	0	0	0
08:45	3	16	0	0	19	0	2	0	0	2	0	0	0	0	0	0
09:00	1	20	1	0	22	0	1	0	0	1	0	0	0	0	0	0
09:15	2	24	1	0	27	0	2	0	0	2	0	0	0	0	0	0
09:30	0	26	0	0	26	0	0	1	0	1	0	0	0	0	0	0
09:45	1	22	0	0	23	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	12	377	4	0	393	0	10	4	0	14	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
 Site Code: 2416900002
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
11:15	0	12	0	0	12	0	0	1	0	1	0	0	0	0	0	0
11:30	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
11:45	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	1	19	0	0	20	0	1	0	0	1	0	0	0	0	0	0
12:15	1	15	0	0	16	0	2	0	0	2	0	0	0	0	0	0
12:30	2	14	1	0	17	0	2	0	0	2	0	0	0	0	0	0
12:45	2	13	0	0	15	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	8	108	1	0	117	0	7	1	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	3	9	0	0	12	1	1	0	0	2	0	0	0	0	0	0
15:15	1	16	1	0	18	0	0	0	0	0	0	0	0	0	0	0
15:30	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
15:45	4	13	0	0	17	0	0	0	0	0	0	0	0	0	0	0
16:00	1	21	0	0	22	0	1	0	0	1	0	0	0	0	0	0
16:15	2	15	0	0	17	0	4	0	0	4	0	0	0	0	0	0
16:30	3	15	0	0	18	0	4	0	0	4	0	0	0	0	0	0
16:45	0	14	0	0	14	0	3	0	0	3	0	0	0	0	0	0
17:00	0	11	1	0	12	0	1	0	0	1	0	0	0	0	0	0
17:15	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
17:30	0	15	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:45	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	15	162	3	0	180	1	15	0	0	16	0	0	0	0	0	0
GRAND TOTAL	35	647	8	0	690	1	32	5	0	38	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
07:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	1	1	1	0	3	0	1	0	0	1	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
09:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	1	2	0	5	1	5	0	0	6	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:15	1	0	3	0	4		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	1	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	2	1	3	0	6		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
16:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
17:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	3	3	0	12	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	10	5	8	0	23	1	5	0	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0
07:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0
08:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0
09:15	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	2	13	0	19	0	2	1	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
 Site Code: 2416900002
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
12:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	2	7	0	9	0	0	1	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
15:30	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0
16:30	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
16:45	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	0
17:00	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
17:15	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	17	22	0	42	1	2	0	0	3	0	0	0	0	0	0
GRAND TOTAL	7	21	42	0	70	1	4	2	0	7	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	48	165	213
	4	3	7
	0	0	0
Totals	52	168	220

North Russell Rd

	0	0	0	0
	0	4	0	0
	2	45	1	0
Totals	2	49	1	0

East Approach

	Out	In	Total
	4	3	7
	2	3	5
	0	0	0
Totals	6	6	12

Rte 100

				Totals
	0	0	0	0
	0	0	2	2
	0	0	1	1
	0	1	7	8

Peds: 0

Peds: 0



Peds: 0

Peds: 0

Rte 100

Totals			
0	0	0	0
1	1	0	0
2	1	1	0
3	2	1	0

West Approach

	Out	In	Total
	10	6	16
	1	1	2
	0	0	0
Totals	11	7	18

Totals				
	3	162	1	0
	0	3	3	0
	0	0	0	0

North Russell Rd

South Approach

	Out	In	Total
	166	54	220
	6	6	12
	0	0	0
Totals	172	60	232

- Cars

- Trucks

- Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	1	15	0	0	0	16	0	45	1	0	0	46	1	0	0	0	0	1	0	1	1	0	0	2	65
07:30	0	16	1	0	0	17	1	43	0	0	0	44	0	0	0	0	0	0	0	0	3	0	0	3	64
07:45	0	8	0	0	0	8	0	39	1	0	0	40	1	0	0	0	0	1	1	0	0	0	0	1	50
08:00	0	10	1	0	0	11	2	38	2	0	0	42	1	2	1	0	0	4	1	0	4	0	0	5	62
Grand Total	1	49	2	0	0	52	3	165	4	0	0	172	3	2	1	0	0	6	2	1	8	0	0	11	241
Approach %	1.9	94.2	3.8	0	-	-	1.7	95.9	2.3	0	-	-	50	33.3	16.7	0	-	-	18.2	9.1	72.7	0	-	-	-
Totals %	0.4	20.3	0.8	0	-	21.6	1.2	68.5	1.7	0	-	71.4	1.2	0.8	0.4	0	-	2.5	0.8	0.4	3.3	0	-	4.6	-
PHF	0.25	0.77	0.5	0	-	0.76	0.38	0.92	0.5	0	-	0.93	0.75	0.25	0.25	0	-	0.38	0.5	0.25	0.5	0	-	0.55	0.93
Cars	1	45	2	0	-	48	3	162	1	0	-	166	2	1	1	0	-	4	2	1	7	0	-	10	228
% Cars	100	91.8	100	0	-	92.3	100	98.2	25	0	-	96.5	66.7	50	100	0	-	66.7	100	100	87.5	0	-	90.9	94.6
Trucks	0	4	0	0	-	4	0	3	3	0	-	6	1	1	0	0	-	2	0	0	1	0	-	1	13
% Trucks	0	8.2	0	0	-	7.7	0	1.8	75	0	-	3.5	33.3	50	0	0	-	33.3	0	0	12.5	0	-	9.1	5.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:45:00
To: 12:45:00




Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: North Russell Rd runs N/S

North Approach




	Out	In	Total
	43	60	103
	1	5	6
	0	0	0
Totals	44	65	109

North Russell Rd








	0	0	0	0
	0	1	0	0
	1	40	2	0
Totals	1	41	2	0

East Approach

	Out	In	Total
	0	3	3
	0	0	0
	0	0	0
Totals	0	3	3

Rte 100

				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	1	4	5

Peds: 0








Peds: 0






Peds: 0








Peds: 0

Rte 100

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	4	7	11
	1	0	1
	0	0	0
Totals	5	7	12


Totals				
	6	60	1	0
	0	5	0	0
	0	0	0	0

North Russell Rd

South Approach

	Out	In	Total
	67	44	111
	5	2	7
	0	0	0
Totals	72	46	118

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:45 - 12:45)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:45	1	11	0	0	0	12	2	12	0	0	0	14	0	0	0	0	0	0	0	0	2	0	0	2	28
12:00	0	9	1	0	0	10	1	20	0	0	0	21	0	0	0	0	0	0	0	0	1	0	0	1	32
12:15	0	14	0	0	0	14	1	17	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	32
12:30	1	7	0	0	0	8	2	16	1	0	0	19	0	0	0	0	0	0	0	0	2	0	0	2	29
Grand Total	2	41	1	0	0	44	6	65	1	0	0	72	0	0	0	0	0	0	0	0	5	0	0	5	121
Approach %	4.5	93.2	2.3	0	-	-	8.3	90.3	1.4	0	-	-	0	0	0	0	-	-	0	0	100	0	-	-	-
Totals %	1.7	33.9	0.8	0	-	36.4	5	53.7	0.8	0	-	59.5	0	0	0	0	-	-	0	0	4.1	0	-	4.1	-
PHF	0.5	0.73	0.25	0	-	0.79	0.75	0.81	0.25	0	-	0.86	0	0	0	0	-	-	0	0	0.63	0	-	0.63	0.95
Cars	2	40	1	0	-	43	6	60	1	0	-	67	0	0	0	0	-	-	0	0	4	0	-	4	114
% Cars	100	97.6	100	0	-	97.7	100	92.3	100	0	-	93.1	0	0	0	0	-	-	0	0	80	0	-	80	94.2
Trucks	0	1	0	0	-	1	0	5	0	0	-	5	0	0	0	0	-	-	0	0	1	0	-	1	7
% Trucks	0	2.4	0	0	-	2.3	0	7.7	0	0	-	6.9	0	0	0	0	-	-	0	0	20	0	-	20	5.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	147	65	212
	2	12	14
	0	0	0
Totals	149	77	226

North Russell Rd

	0	0	0	0
	0	2	0	0
	2	145	0	0
Totals	2	147	0	0

East Approach

	Out	In	Total
	2	7	9
	0	2	2
	0	0	0
Totals	2	9	11

Rte 100

				Totals
	0	0	0	0
	0	0	0	0
	0	2	7	9
	0	0	6	6

Peds: 0

Peds: 0



Peds: 0

Peds: 0

Rte 100

Totals			
0	0	0	0
0	0	0	0
1	1	0	0
1	1	0	0

West Approach

	Out	In	Total
	13	9	22
	2	0	2
	0	0	0
Totals	15	9	24

	6	77	0	0
	6	65	0	0
	0	12	0	0
	0	0	0	0
Totals	6	77	0	0

North Russell Rd

South Approach

	Out	In	Total
	71	152	223
	12	2	14
	0	0	0
Totals	83	154	237

- Cars

- Trucks

- Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & North Russell Rd
Site Code: 2416900002
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	0	30	0	0	0	30	1	22	0	0	0	23	1	0	0	0	0	1	0	0	3	0	0	3	57
16:15	0	36	0	0	0	36	2	19	0	0	0	21	0	1	0	0	0	1	0	1	1	0	0	2	60
16:30	0	42	1	0	0	43	3	19	0	0	0	22	0	0	0	0	0	0	0	5	1	0	0	6	71
16:45	0	39	1	0	0	40	0	17	0	0	0	17	0	0	0	0	0	0	0	3	1	0	0	4	61
Grand Total	0	147	2	0	0	149	6	77	0	0	0	83	1	1	0	0	0	2	0	9	6	0	0	15	249
Approach %	0	98.7	1.3	0	-	-	7.2	92.8	0	0	-	-	50	50	0	0	-	-	0	60	40	0	-	-	-
Totals %	0	59	0.8	0	-	59.8	2.4	30.9	0	0	-	33.3	0.4	0.4	0	0	-	0.8	0	3.6	2.4	0	-	6	-
PHF	0	0.88	0.5	0	-	0.87	0.5	0.88	0	0	-	0.9	0.25	0.25	0	0	-	0.5	0	0.45	0.5	0	-	0.63	0.88
Cars	0	145	2	0	-	147	6	65	0	0	-	71	1	1	0	0	-	2	0	7	6	0	-	13	233
% Cars	0	98.6	100	0	-	98.7	100	84.4	0	0	-	85.5	100	100	0	0	-	100	0	77.8	100	0	-	86.7	93.6
Trucks	0	2	0	0	-	2	0	12	0	0	-	12	0	0	0	0	-	0	0	2	0	0	-	2	16
% Trucks	0	1.4	0	0	-	1.3	0	15.6	0	0	-	14.5	0	0	0	0	-	0	0	22.2	0	0	-	13.3	6.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

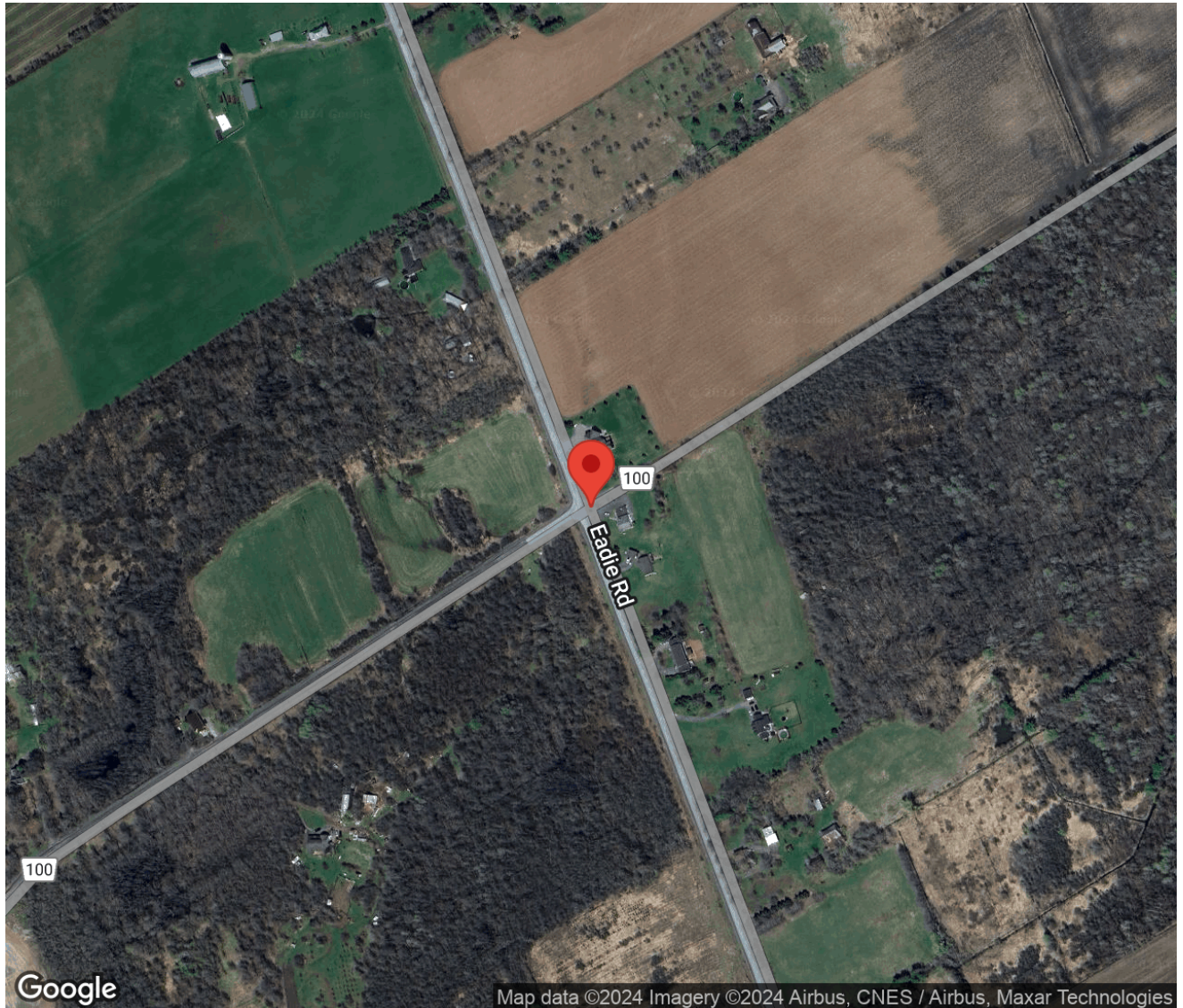
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 100 & Eadie Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900003
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 100 & Eadie Rd
Site Code:	2416900003
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

Eadie Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	19	0	0	19	0	2	77	0	0	79	0	98
08:00 - 09:00	0	17	0	0	17	0	1	41	0	0	42	0	59
09:00 - 10:00	0	12	0	0	12	0	1	30	0	0	31	0	43
BREAK													
11:00 - 12:00	0	14	1	0	15	0	4	21	0	0	25	0	40
12:00 - 13:00	0	25	1	0	26	0	0	24	0	0	24	0	50
BREAK													
15:00 - 16:00	0	55	1	0	56	0	2	29	0	0	31	0	87
16:00 - 17:00	0	60	2	1	63	3	3	32	0	0	35	0	98
17:00 - 18:00	0	44	4	0	48	0	0	26	0	0	26	0	74
GRAND TOTAL	0	246	9	1	256	3	13	280	0	0	293	0	549

Traffic Count Summary

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 100 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	1	0	1	0	0	0	2	0	2	0	3
08:00 - 09:00	0	2	0	0	2	0	3	0	0	0	3	0	5
09:00 - 10:00	0	1	0	0	1	0	1	4	1	0	6	0	7
BREAK													
11:00 - 12:00	0	0	1	0	1	0	1	0	1	0	2	0	3
12:00 - 13:00	0	0	0	0	0	0	2	0	2	0	4	0	4
BREAK													
15:00 - 16:00	0	0	0	0	0	0	2	0	0	0	2	0	2
16:00 - 17:00	0	0	0	0	0	0	2	7	2	0	11	0	11
17:00 - 18:00	0	0	0	0	0	0	8	3	1	0	12	0	12
GRAND TOTAL	0	3	2	0	5	0	19	14	9	0	42	0	47

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
07:30	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
07:45	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:00	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
08:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
08:45	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
09:00	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
09:15	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
09:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	41	0	0	41	0	7	0	0	7	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	2	0	0	2		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	4	0	0	4		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	3	1	0	4		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	5	0	0	5		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	8	0	0	8		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	7	0	0	7		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	4	0	0	4		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	6	1	0	7		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	39	2	0	41		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
15:15	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
15:30	0	18	0	0	18	0	0	0	0	0	0	0	0	0	0	0
15:45	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
16:00	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
16:15	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	1
16:30	0	14	1	1	16	0	0	0	0	0	0	0	0	0	0	2
16:45	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0
17:00	0	16	1	0	17	0	0	0	0	0	0	0	0	0	0	0
17:15	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
17:30	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
17:45	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	159	7	1	167	0	0	0	0	0	0	0	0	0	0	3
GRAND TOTAL	0	239	9	1	249	0	7	0	0	7	0	0	0	0	0	3

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	18	0	0	18	1	0	0	0	1	0	0	0	0	0	0
07:15	0	18	0	0	18	1	1	0	0	2	0	0	0	0	0	0
07:30	0	21	0	0	21	0	1	0	0	1	0	0	0	0	0	0
07:45	0	18	0	0	18	0	0	0	0	0	0	0	0	0	0	0
08:00	0	8	0	0	8	1	0	0	0	1	0	0	0	0	0	0
08:15	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
08:30	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
08:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:00	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
09:15	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
09:30	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
09:45	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	146	0	0	147	3	2	0	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
11:15	3	4	0	0	7	0	0	0	0	0	0	0	0	0	0	0
11:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:45	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:00	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:30	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
12:45	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	4	43	0	0	47	0	2	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Eadie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:15	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
15:30	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
15:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
16:00	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
16:15	1	6	0	0	7	0	1	0	0	1	0	0	0	0	0	0
16:30	1	11	0	0	12	0	0	0	0	0	0	0	0	0	0	0
16:45	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:00	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
17:15	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
17:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:45	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	5	82	0	0	87	0	5	0	0	5	0	0	0	0	0	0
GRAND TOTAL	10	271	0	0	281	3	9	0	0	12	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
07:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:30	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
07:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:00	0	2	0	0	2		0	0	0	0	0		0	0	0	0	0	0		
08:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:15	0	1	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
09:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	3	1	0	4		0	0	0	0	0		0	0	0	0	0	0		

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		

[illegible]

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
08:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	4	2	0	7	3	0	1	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	0	2	0	5	0	0	1	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 100

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0
17:00	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:15	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	12	9	3	0	24	0	1	0	0	1	0	0	0	0	0	0
GRAND TOTAL	16	13	7	0	36	3	1	2	0	6	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: Eadie Rd runs N/S


North Approach

	Out	In	Total
	16	76	92
	3	2	5
	0	0	0
Totals	19	78	97




Eadie Rd

	0	0	0	0
	0	3	0	0
	0	16	0	0
Totals	0	19	0	0













East Approach

	Out	In	Total
	1	0	1
	0	0	0
	0	0	0
Totals	1	0	1

Rte 100

				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	1	1	2

Peds: 0




Peds: 0






Peds: 0








Peds: 0

Rte 100

Totals			
0	0	0	0
1	1	0	0
0	0	0	0
0	0	0	0




West Approach

	Out	In	Total
	1	0	1
	1	2	3
	0	0	0
Totals	2	2	4


Totals				
	0	75	0	0
	2	2	0	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	75	17	92
	4	4	8
	0	0	0
Totals	79	21	100

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
07:00	0	1	0	0	0	1	1	18	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	20
07:15	0	2	0	0	0	2	1	19	0	0	0	20	0	0	0	0	0	0	0	0	0	2	0	2	24
07:30	0	8	0	0	0	8	0	22	0	0	0	22	0	0	1	0	0	1	0	0	0	0	0	0	31
07:45	0	8	0	0	0	8	0	18	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	26
Grand Total	0	19	0	0	0	19	2	77	0	0	0	79	0	0	1	0	0	1	0	0	2	0	0	2	101
Approach %	0	100	0	0	-	-	2.5	97.5	0	0	-	-	0	0	100	0	-	-	0	0	100	0	-	-	-
Totals %	0	18.8	0	0	-	18.8	2	76.2	0	0	-	78.2	0	0	1	0	-	1	0	0	2	0	-	2	-
PHF	0	0.59	0	0	-	0.59	0.5	0.88	0	0	-	0.9	0	0	0.25	0	-	0.25	0	0	0.25	0	-	0.25	0.81
Cars	0	16	0	0	-	16	0	75	0	0	-	75	0	0	1	0	-	1	0	0	1	0	-	1	93
% Cars	0	84.2	0	0	-	84.2	0	97.4	0	0	-	94.9	0	0	100	0	-	100	0	0	50	0	-	50	92.1
Trucks	0	3	0	0	-	3	2	2	0	0	-	4	0	0	0	0	-	0	0	1	0	-	1	8	
% Trucks	0	15.8	0	0	-	15.8	100	2.6	0	0	-	5.1	0	0	0	0	-	0	0	50	0	-	50	7.9	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	
Peds	0 -						0 -						0 -						0 -						0
% Peds	0 -						0 -						0 -						0 -						-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Eadie Rd runs N/S

North Approach




	Out	In	Total
	26	24	50
	0	2	2
	0	0	0
Totals	26	26	52

Eadie Rd








	0	0	0	0
	0	0	0	0
	1	25	0	0
Totals	1	25	0	0

East Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
Totals	0	0	0

Rte 100

				Totals
	0	0	0	0
	0	0	2	2
	0	0	0	0
	0	0	2	2

Peds: 0








Peds: 0






Peds: 0








Peds: 0

Rte 100

Totals			
	0	0	0
	0	0	0
	0	0	0
	0	0	0




West Approach

	Out	In	Total
	4	1	5
	0	0	0
	0	0	0
Totals	4	1	5


Totals				
	0	22	0	0
	0	2	0	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	22	27	49
	2	0	2
	0	0	0
Totals	24	27	51

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	0	8	0	0	0	8	0	8	0	0	0	8	0	0	0	0	0	0	1	0	0	0	0	1	17
12:15	0	7	0	0	0	7	0	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14
12:30	0	4	0	0	0	4	0	5	0	0	0	5	0	0	0	0	0	0	1	0	1	0	0	2	11
12:45	0	6	1	0	0	7	0	4	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	12
Grand Total	0	25	1	0	0	26	0	24	0	0	0	24	0	0	0	0	0	0	2	0	2	0	0	4	54
Approach %	0	96.2	3.8	0	-	-	0	100	0	0	-	-	0	0	0	0	-	-	50	0	50	0	-	-	-
Totals %	0	46.3	1.9	0	-	48.1	0	44.4	0	0	-	44.4	0	0	0	0	-	0	3.7	0	3.7	0	-	7.4	-
PHF	0	0.78	0.25	0	-	0.81	0	0.75	0	0	-	0.75	0	0	0	0	-	0	0.5	0	0.5	0	-	0.5	0.79
Cars	0	25	1	0	-	26	0	22	0	0	-	22	0	0	0	0	-	0	2	0	2	0	-	4	52
% Cars	0	100	100	0	-	100	0	91.7	0	0	-	91.7	0	0	0	0	-	0	100	0	100	0	-	100	96.3
Trucks	0	0	0	0	-	0	0	2	0	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	2
% Trucks	0	0	0	0	-	0	0	8.3	0	0	-	8.3	0	0	0	0	-	0	0	0	0	0	-	0	3.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00




Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Eadie Rd runs N/S

North Approach




	Out	In	Total
	61	41	102
	0	1	1
	0	0	0
	61	42	103

Eadie Rd




	0	0	0	0
	0	0	0	0
	4	56	0	1
Totals	4	56	0	1










East Approach

	Out	In	Total
	0	9	9
	0	1	1
	0	0	0
	0	10	10

Rte 100

				Totals
	0	0	0	0
	0	0	7	7
	0	1	9	10
	0	0	1	1




Peds: 2





Peds: 0



Peds: 0




Rte 100








Totals			
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Peds: 0




West Approach

	Out	In	Total
	17	5	22
	1	0	1
	0	0	0
	18	5	23


Totals				
	1	34	0	0
	1	33	0	0
	0	1	0	0
	0	0	0	0

Eadie Rd

South Approach

	Out	In	Total
	34	57	91
	1	0	1
	0	0	0
	35	57	92

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 100 & Eadie Rd
Site Code: 2416900003
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:30 - 17:30)

Start Time	North Approach Eadie Rd						South Approach Eadie Rd						East Approach Rte 100						West Approach Rte 100						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:30	0	14	1	1	2	16	1	11	0	0	0	12	0	0	0	0	0	0	1	6	0	0	0	7	35
16:45	0	14	1	0	0	15	0	9	0	0	0	9	0	0	0	0	0	0	0	1	1	0	0	2	26
17:00	0	16	1	0	0	17	0	5	0	0	0	5	0	0	0	0	0	0	1	3	0	0	0	4	26
17:15	0	12	1	0	0	13	0	9	0	0	0	9	0	0	0	0	0	0	5	0	0	0	0	5	27
Grand Total	0	56	4	1	2	61	1	34	0	0	0	35	0	0	0	0	0	0	7	10	1	0	0	18	114
Approach %	0	91.8	6.6	1.6	-	-	2.9	97.1	0	0	-	-	0	0	0	0	-	-	38.9	55.6	5.6	0	-	-	-
Totals %	0	49.1	3.5	0.9	-	53.5	0.9	29.8	0	0	-	30.7	0	0	0	0	-	-	6.1	8.8	0.9	0	-	15.8	-
PHF	0	0.88	1	0.25	-	0.9	0.25	0.77	0	0	-	0.73	0	0	0	0	-	-	0.35	0.42	0.25	0	-	0.64	0.81
Cars	0	56	4	1	-	61	1	33	0	0	-	34	0	0	0	0	-	-	7	9	1	0	-	17	112
% Cars	0	100	100	100	-	100	100	97.1	0	0	-	97.1	0	0	0	0	-	-	100	90	100	0	-	94.4	98.2
Trucks	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	-	0	1	0	0	-	1	2
% Trucks	0	0	0	0	-	0	0	2.9	0	0	-	2.9	0	0	0	0	-	-	0	10	0	0	-	5.6	1.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	-	0	0
Peds	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	2
% Peds	-	-	-	-	100	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 200 & Forced Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900004
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	Rte 200 & Forced Rd
Site Code:	2416900004
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

Forced Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	4	0	5	0	9	0	9
08:00 - 09:00	0	0	0	0	0	0	3	0	3	0	6	0	6
09:00 - 10:00	0	0	0	0	0	0	2	0	1	0	3	0	3
BREAK													
11:00 - 12:00	0	0	0	0	0	0	0	0	2	0	2	0	2
12:00 - 13:00	0	0	0	0	0	0	6	0	3	0	9	0	9
BREAK													
15:00 - 16:00	0	0	0	0	0	0	0	0	4	0	4	0	4
16:00 - 17:00	0	0	0	0	0	0	2	0	3	0	5	0	5
17:00 - 18:00	0	0	0	0	0	0	0	0	5	0	5	0	5
GRAND TOTAL	0	0	0	0	0	0	17	0	26	0	43	0	43

Traffic Count Summary

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 200 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	4	64	0	0	68	0	0	44	1	0	45	0	113
08:00 - 09:00	6	47	0	0	53	0	0	30	2	0	32	0	85
09:00 - 10:00	0	43	0	0	43	0	0	27	3	0	30	0	73
BREAK													
11:00 - 12:00	4	32	0	1	37	0	0	28	2	0	30	0	67
12:00 - 13:00	3	25	0	0	28	0	0	32	3	0	35	0	63
BREAK													
15:00 - 16:00	6	33	0	0	39	0	0	83	8	0	91	2	130
16:00 - 17:00	5	44	0	0	49	0	0	99	3	0	102	0	151
17:00 - 18:00	2	38	0	0	40	0	0	72	5	0	77	0	117
GRAND TOTAL	30	326	0	1	357	0	0	415	27	0	442	2	799

[illegible]

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
11:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:00	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
12:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:45	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	0	3	0	9	0	0	2	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Forced Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0
15:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	1	0	1	1	0	1	0	2	0	0	0	0	0	0
16:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	0	10	0	11	1	0	2	0	3	0	0	0	0	0	0
GRAND TOTAL	16	0	22	0	38	1	0	4	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
07:15	0	17	0	0	17	2	0	0	0	2	0	0	0	0	0	0
07:30	1	20	0	0	21	0	0	0	0	0	0	0	0	0	0	0
07:45	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
08:00	2	17	0	0	19	0	0	0	0	0	0	0	0	0	0	0
08:15	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
08:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:45	2	12	0	0	14	1	2	0	0	3	0	0	0	0	0	0
09:00	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
09:15	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
09:30	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
09:45	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	7	150	0	0	157	3	4	0	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	2	0	0	3	0	2	0	0	2	0	0	0	0	0	0
11:15	1	10	0	1	12	0	0	0	0	0	0	1	0	0	1	0
11:30	2	9	0	0	11	0	1	0	0	1	0	0	0	0	0	0
11:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
12:00	0	4	0	0	4	1	1	0	0	2	0	0	0	0	0	0
12:15	0	5	0	0	5	0	2	0	0	2	0	0	0	0	0	0
12:30	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12:45	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	50	0	1	57	1	6	0	0	7	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	2	10	0	0	12	0	0	0	0	0	0	0	0	0	0	0
15:15	3	7	0	0	10	0	0	0	0	0	0	0	0	0	0	0
15:30	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
15:45	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
16:00	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
16:15	2	12	0	0	14	0	0	0	0	0	0	0	0	0	0	0
16:30	2	8	0	0	10	0	0	0	0	0	0	0	0	0	0	0
16:45	1	11	0	0	12	0	0	0	0	0	0	0	0	0	0	0
17:00	1	9	0	0	10	0	1	0	0	1	0	0	0	0	0	0
17:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
17:30	1	10	0	0	11	0	0	0	0	0	0	0	0	0	0	0
17:45	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	13	113	0	0	126	0	2	0	0	2	0	0	0	0	0	0
GRAND TOTAL	26	313	0	1	340	4	12	0	0	16	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
07:15	0	13	0	0	13	0	1	0	0	1	0	0	0	0	0	0
07:30	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
07:45	0	12	1	0	13	0	1	0	0	1	0	0	0	0	0	0
08:00	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
08:15	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
08:30	0	6	1	0	7	0	0	0	0	0	0	0	0	0	0	0
08:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:00	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
09:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	0	5	2	0	7	0	0	0	0	0	0	0	0	0	0	0
09:45	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	97	6	0	103	0	4	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
11:15	0	7	1	0	8	0	0	0	0	0	0	1	0	0	1	0
11:30	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
11:45	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
12:00	0	8	2	0	10	0	0	0	0	0	0	0	0	0	0	0
12:15	0	8	1	0	9	0	0	0	0	0	0	0	0	0	0	0
12:30	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
12:45	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	57	5	0	62	0	2	0	0	2	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	16	2	0	18	0	1	0	0	1	0	0	0	0	0	0
15:15	0	23	2	0	25	0	0	0	0	0	0	0	0	0	0	0
15:30	0	24	0	0	24	0	0	1	0	1	0	0	0	0	0	2
15:45	0	19	3	0	22	0	0	0	0	0	0	0	0	0	0	0
16:00	0	19	0	0	19	0	2	0	0	2	0	0	0	0	0	0
16:15	0	24	0	0	24	0	3	0	0	3	0	0	0	0	0	0
16:30	0	27	1	0	28	0	1	0	0	1	0	0	0	0	0	0
16:45	0	22	2	0	24	0	1	0	0	1	0	0	0	0	0	0
17:00	0	18	2	0	20	0	0	0	0	0	0	0	0	0	0	0
17:15	0	18	2	0	20	0	0	0	0	0	0	0	0	0	0	0
17:30	0	20	1	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	246	15	0	261	0	8	1	0	9	0	0	0	0	0	2
GRAND TOTAL	0	400	26	0	426	0	14	1	0	15	0	1	0	0	1	2

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Rte 200 runs E/W

East Approach

	Out	In	Total
	71	48	119
	2	3	5
	0	0	0
	73	51	124

Rte 200

			Totals
0	0	0	0
0	3	43	46
0	0	1	1

Peds: 0






Peds: 0




Peds: 0







Peds: 0

Rte 200

Totals			
0	0	0	0
67	67	0	0
6	4	2	0




West Approach

	Out	In	Total
	44	71	115
	3	0	3
	0	0	0
	47	71	118


Totals			
	4	5	0
	0	0	0
	0	0	0

Forced Rd

South Approach

	Out	In	Total
	9	5	14
	0	2	2
	0	0	0
	9	7	16

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

	North Approach						South Approach Forced Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicl es		
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total			
07:15					0		1		2	0	0	3	2	17		0	0	19		14	0	0	0	14	36		
07:30					0		0		1	1	20	0	0	21		11	0	0		0	11	33					
07:45					0		2		2	0	0	4	1	13		0	0	14		13	1	0	0	14	32		
08:00					0		1		0	0	0	1	2	17		0	0	19		8	0	0	0	8	28		
Grand Total					0	0	4		5	0	0	9	6	67		0	0	73		46	1	0	0	47	129		
Approach %					-		44.4		55.6	0		-	8.2	91.8		0		-		97.9	2.1	0		-			
Totals %					0		3.1		3.9	0		7	4.7	51.9		0		56.6		35.7	0.8	0		36.4			
PHF					0		0.5		0.63	0		0.56	0.75	0.84		0		0.87		0.82	0.25	0		0.84	0.9		
Cars					0		4		5	0		9	4	67		0		71		43	1	0		44	124		
% Cars					0		100		100	0		100	66.7	100		0		97.3		93.5	100	0		93.6	96.1		
Trucks					0		0		0	0		0	2	0		0		2		3	0	0		3	5		
% Trucks					0		0		0	0		0	33.3	0		0		2.7		6.5	0	0		6.4	3.9		
Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0		
% Bicycles					0		0		0	0		0	0	0		0		0		0	0	0		0	0		
Peds					0	-					0	-					0	-					0	-			0
% Peds					0	-					0	-					0	-					0	-			

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Rte 200 runs E/W

East Approach

	Out	In	Total
	34	31	65
	3	3	6
	1	1	2
	38	35	73

Rte 200

			Totals
0	0	0	0
1	1	29	31
0	0	3	3




Peds: 0

Peds: 0









Peds: 0

Rte 200

Totals			
1	1	0	0
33	30	2	1
4	3	1	0




West Approach

	Out	In	Total
	32	31	63
	1	2	3
	1	1	2
	34	34	68


Totals	1	3	0
	1	1	0
	0	2	0
	0	0	0

Forced Rd

South Approach

	Out	In	Total
	2	6	8
	2	1	3
	0	0	0
	4	7	11

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

	North Approach						South Approach Forced Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicl es				
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total					
11:15						0		0		0	0	0	0	1	11		1	0	13		8	1	0	0	0	9	22		
11:30						0		0		1	0	0	1	2	10		0	0	12		9	0	0	0	9	22			
11:45						0		0		1	0	0	1	0	7		0	0	7		6	0	0	0	6	14			
12:00						0		1		1	0	0	2	1	5		0	0	6		8	2	0	0	10	18			
Grand Total						0	0	1		3	0	0	4	4	33		1	0	38		31	3	0	0	34	76			
Approach %						-		25		75	0	-		10.5	86.8		2.6	-			91.2	8.8	0	-					
Totals %						0		1.3		3.9	0	5.3		5.3	43.4		1.3	50		40.8	3.9	0		44.7					
PHF						0		0.25		0.75	0	0.5		0.5	0.75		0.25	0.73		0.86	0.38	0		0.85	0.86				
Cars						0		1		1	0	2		3	30		1	34		29	3	0		32	68				
% Cars						0		100		33.3	0	50		75	90.9		100	89.5		93.5	100	0		94.1	89.5				
Trucks						0		0		2	0	2		1	2		0	3		1	0	0		1	6				
% Trucks						0		0		66.7	0	50		25	6.1		0	7.9		3.2	0	0		2.9	7.9				
Bicycles						0		0		0	0	0		0	1		0	1		1	0	0		1	2				
% Bicycles						0		0		0	0	0		0	3		0	2.6		3.2	0	0		2.9	2.6				
Peds						0	-						0	-						0	-						0	-	0
% Peds						0	-						0	-						0	-						0	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Rte 200 runs E/W

East Approach

	Out	In	Total
	49	94	143
	0	8	8
	0	0	0
	49	102	151

Rte 200

			Totals
0	0	0	0
0	7	92	99
0	0	3	3




Peds: 0



Peds: 0




Peds: 0







Rte 200

Totals			
0	0	0	0
44	44	0	0
5	5	0	0

Peds: 0




West Approach

	Out	In	Total
	95	45	140
	7	1	8
	0	0	0
	102	46	148


Totals			
	1	2	0
	1	1	0
	0	0	0

Forced Rd

South Approach

	Out	In	Total
	3	8	11
	2	0	2
	0	0	0
	5	8	13

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & Forced Rd
Site Code: 2416900004
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

	North Approach						South Approach Forced Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
16:00					0		1		2	0	0	3	0	13		0	0	13		21	0	0	0	21	37
16:15					0		1		0	0	1	2	12	0		0	14	27		0	0	0	27	42	
16:30					0		0		1	0	0	1	2	8		0	0	10		28	1	0	0	29	40
16:45					0		0		0	0	0	1	11	0		0	12	23		2	0	0	25	37	
Grand Total					0	0	2		3	0	0	5	5	44		0	0	49		99	3	0	0	102	156
Approach %					-	-	40		60	0	-	-	10.2	89.8		0	-	-	-	97.1	2.9	0	-	-	-
Totals %					0	-	1.3		1.9	0	-	-	3.2	3.2	28.2		0	-	-	63.5	1.9	0	-	65.4	-
PHF					0	-	0.5		0.38	0	-	-	0.42	0.63	0.85		0	-	-	0.88	0.38	0	-	0.88	0.93
Cars					0	-	1		2	0	-	-	3	5	44		0	-	-	92	3	0	-	95	147
% Cars					0	-	50		66.7	0	-	-	60	100	100		0	-	-	92.9	100	0	-	93.1	94.2
Trucks					0	-	1		1	0	-	-	2	0	0		0	-	-	7	0	0	-	7	9
% Trucks					0	-	50		33.3	0	-	-	40	0	0		0	-	-	7.1	0	0	-	6.9	5.8
Bicycles					0	-	0		0	0	-	-	0	0	0		0	-	-	0	0	0	-	0	0
% Bicycles					0	-	0		0	0	-	-	0	0	0		0	-	-	0	0	0	-	0	0
Peds					0	-					0	-					0	-	-				0	-	0
% Peds					0	-					0	-					0	-	-				0	-	0

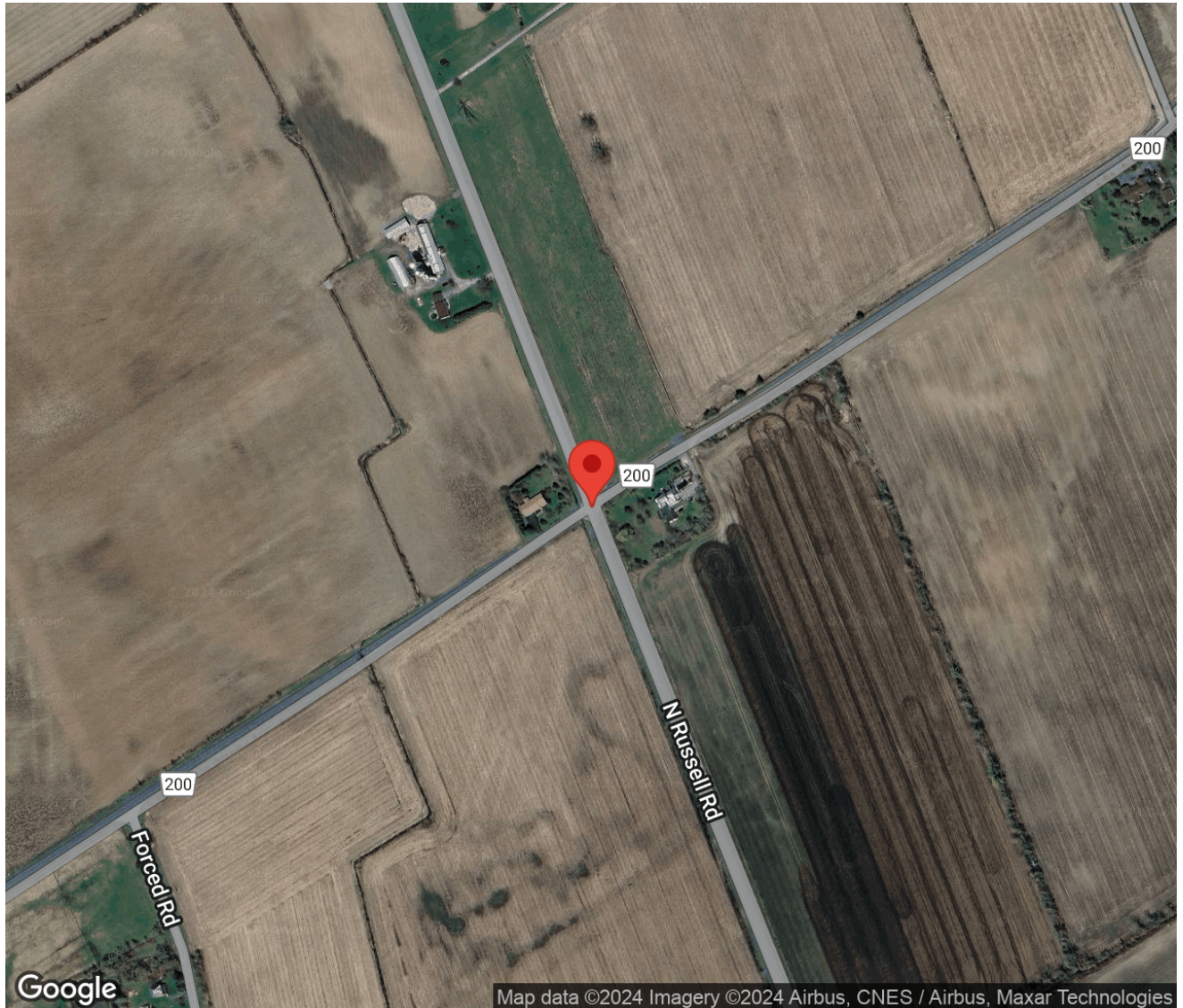
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 200 & North Russell Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900005
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 200 & North Russell Rd
Site Code:	2416900005
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Russell Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	41	2	0	45	0	45	165	12	0	222	0	267
08:00 - 09:00	4	41	4	0	49	0	23	121	8	0	152	0	201
09:00 - 10:00	2	43	2	0	47	0	17	96	11	0	124	0	171
BREAK													
11:00 - 12:00	6	44	4	0	54	0	19	47	5	0	71	0	125
12:00 - 13:00	3	44	4	0	51	0	16	59	2	0	77	0	128
BREAK													
15:00 - 16:00	4	106	7	0	117	0	16	59	8	0	83	0	200
16:00 - 17:00	10	144	8	0	162	0	20	72	19	0	111	0	273
17:00 - 18:00	7	107	2	0	116	0	16	52	7	0	75	0	191
GRAND TOTAL	38	570	33	0	641	0	172	671	72	0	915	0	1556

Traffic Count Summary

Intersection: Rte 200 & North Russell Rd
 Site Code: 2416900005
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Rte 200 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	15	24	2	0	41	0	5	20	23	0	48	0	89
08:00 - 09:00	7	22	6	0	35	0	5	8	20	0	33	0	68
09:00 - 10:00	7	26	9	0	42	0	1	15	13	0	29	0	71
BREAK													
11:00 - 12:00	3	12	9	0	24	0	5	12	13	0	30	0	54
12:00 - 13:00	5	10	7	0	22	0	4	11	20	0	35	0	57
BREAK													
15:00 - 16:00	9	17	6	0	32	0	3	35	48	0	86	0	118
16:00 - 17:00	14	22	4	0	40	0	10	40	55	0	105	0	145
17:00 - 18:00	11	20	2	0	33	0	3	26	46	0	75	0	108
GRAND TOTAL	71	153	45	0	269	0	36	167	238	0	441	0	710

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
07:15	1	12	0	0	13	0	1	1	0	2	0	0	0	0	0	0
07:30	0	19	1	0	20	1	1	0	0	2	0	0	0	0	0	0
07:45	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
08:00	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
08:15	1	6	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:30	2	10	1	0	13	0	0	0	0	0	0	0	0	0	0	0
08:45	1	11	2	0	14	0	0	0	0	0	0	0	0	0	0	0
09:00	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
09:15	0	12	1	0	13	0	0	0	0	0	0	0	0	0	0	0
09:30	2	5	1	0	8	0	0	0	0	0	0	0	0	0	0	0
09:45	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	120	7	0	134	1	5	1	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	13	0	0	13	0	0	1	0	1	0	0	0	0	0	0
11:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
11:30	6	9	3	0	18	0	0	0	0	0	0	0	0	0	0	0
11:45	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
12:00	1	9	2	0	12	0	0	0	0	0	0	0	0	0	0	0
12:15	1	13	0	0	14	0	1	0	0	1	0	0	0	0	0	0
12:30	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
12:45	0	11	1	0	12	0	1	1	0	2	0	0	0	0	0	0
SUBTOTAL	9	85	6	0	100	0	3	2	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	1	18	2	0	21	0	0	0	0	0	0	0	0	0	0	0
15:15	1	31	2	0	34	0	0	0	0	0	0	0	0	0	0	0
15:30	2	31	2	0	35	0	1	0	0	1	0	0	0	0	0	0
15:45	0	23	1	0	24	0	2	0	0	2	0	0	0	0	0	0
16:00	4	31	2	0	37	0	1	0	0	1	0	0	0	0	0	0
16:15	1	34	1	0	36	0	0	0	0	0	0	0	0	0	0	0
16:30	1	38	1	0	40	0	1	0	0	1	0	0	0	0	0	0
16:45	4	39	4	0	47	0	0	0	0	0	0	0	0	0	0	0
17:00	1	26	0	0	27	0	0	0	0	0	0	0	0	0	0	0
17:15	1	28	1	0	30	1	0	0	0	1	0	0	0	0	0	0
17:30	3	32	1	0	36	0	0	0	0	0	0	0	0	0	0	0
17:45	1	21	0	0	22	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	20	352	17	0	389	1	5	0	0	6	0	0	0	0	0	0
GRAND TOTAL	36	557	30	0	623	2	13	3	0	18	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
 Site Code: 2416900005
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	9	41	4	0	54	0	0	0	0	0	0	0	0	0	0	0
07:15	13	46	2	0	61	0	0	0	0	0	0	0	0	0	0	0
07:30	10	39	1	0	50	0	0	0	0	0	0	0	0	0	0	0
07:45	13	36	4	0	53	0	3	1	0	4	0	0	0	0	0	0
08:00	11	39	3	0	53	0	1	0	0	1	0	0	0	0	0	0
08:15	2	45	2	0	49	0	0	0	0	0	0	0	0	0	0	0
08:30	4	16	1	0	21	0	0	0	0	0	0	0	0	0	0	0
08:45	5	19	2	0	26	1	1	0	0	2	0	0	0	0	0	0
09:00	4	23	3	0	30	0	0	0	0	0	0	0	0	0	0	0
09:15	5	24	1	0	30	0	1	0	0	1	0	0	0	0	0	0
09:30	6	26	3	0	35	0	1	0	0	1	0	0	0	0	0	0
09:45	2	21	3	0	26	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	84	375	29	0	488	1	7	2	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
 Site Code: 2416900005
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	10	1	0	12	0	0	0	0	0	0	0	0	0	0	0
11:15	7	10	1	0	18	0	1	0	0	1	0	0	0	0	0	0
11:30	7	12	3	0	22	1	1	0	0	2	0	0	0	0	0	0
11:45	3	12	0	0	15	0	1	0	0	1	0	0	0	0	0	0
12:00	3	18	1	0	22	1	0	0	0	1	0	0	0	0	0	0
12:15	2	15	1	0	18	0	1	0	0	1	0	0	0	0	0	0
12:30	6	11	0	0	17	0	1	0	0	1	0	0	0	0	0	0
12:45	4	12	0	0	16	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	33	100	7	0	140	2	6	0	0	8	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - North Russell Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	3	11	3	0	17	0	0	0	0	0	0	0	0	0	0	0
15:15	6	18	1	0	25	0	0	0	0	0	0	0	0	0	0	0
15:30	2	13	2	0	17	0	0	0	0	0	0	0	0	0	0	0
15:45	5	17	2	0	24	0	0	0	0	0	0	0	0	0	0	0
16:00	4	16	6	0	26	0	0	0	0	0	0	0	0	0	0	0
16:15	7	16	2	0	25	0	3	0	0	3	0	0	0	0	0	0
16:30	5	17	8	0	30	0	2	0	0	2	0	0	0	0	0	0
16:45	4	16	3	0	23	0	2	0	0	2	0	0	0	0	0	0
17:00	5	11	1	0	17	0	1	0	0	1	0	0	0	0	0	0
17:15	4	16	1	0	21	0	0	0	0	0	0	0	0	0	0	0
17:30	5	14	0	0	19	0	1	0	0	1	0	0	0	0	0	0
17:45	2	9	4	0	15	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	52	174	33	0	259	0	9	1	0	10	0	0	0	0	0	0
GRAND TOTAL	169	649	69	0	887	3	22	3	0	28	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0
07:15	2	7	1	0	10	0	1	0	0	1	0	1	0	0	1	0
07:30	5	4	1	0	10	1	0	0	0	1	0	0	0	0	0	0
07:45	4	7	0	0	11	1	0	0	0	1	0	0	0	0	0	0
08:00	3	4	0	0	7	0	0	1	0	1	0	0	0	0	0	0
08:15	1	6	1	0	8	0	0	0	0	0	0	0	0	0	0	0
08:30	2	5	0	0	7	1	0	1	0	2	0	0	0	0	0	0
08:45	0	5	3	0	8	0	2	0	0	2	0	0	0	0	0	0
09:00	1	4	3	0	8	0	0	1	0	1	0	0	0	0	0	0
09:15	4	5	2	0	11	0	1	0	0	1	0	0	0	0	0	0
09:30	2	9	1	0	12	0	1	0	0	1	0	0	0	0	0	0
09:45	0	6	2	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	26	66	14	0	106	3	5	3	0	11	0	1	0	0	1	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
 Site Code: 2416900005
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	2	7	0	9	0	0	0	0	0	0	0	0	0	0	0
11:15	0	6	1	0	7	0	0	0	0	0	0	1	1	0	2	0
11:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:00	2	0	2	0	4	0	1	0	0	1	0	0	0	0	0	0
12:15	1	2	3	0	6	0	2	0	0	2	0	0	0	0	0	0
12:30	1	4	2	0	7	0	0	0	0	0	0	0	0	0	0	0
12:45	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	18	15	0	41	0	3	0	0	3	0	1	1	0	2	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	3	6	1	0	10	0	0	0	0	0	0	0	0	0	0	0
15:15	1	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0
15:30	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	4	5	3	0	12	0	0	0	0	0	0	0	0	0	0	0
16:00	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
16:15	2	7	2	0	11	0	0	0	0	0	0	0	0	0	0	0
16:30	6	3	2	0	11	0	0	0	0	0	0	0	0	0	0	0
16:45	4	5	0	0	9	0	1	0	0	1	0	0	0	0	0	0
17:00	4	4	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:15	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:30	2	4	0	0	6	0	1	0	0	1	0	0	0	0	0	0
17:45	3	5	2	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	34	57	12	0	103	0	2	0	0	2	0	0	0	0	0	0
GRAND TOTAL	68	141	41	0	250	3	10	3	0	16	0	2	1	0	3	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	4	1	0	7	0	0	0	0	0	0	0	0	0	0	0
07:15	2	5	8	0	15	1	0	0	0	1	0	0	0	0	0	0
07:30	0	6	5	0	11	0	0	1	0	1	0	0	0	0	0	0
07:45	0	4	8	0	12	0	1	0	0	1	0	0	0	0	0	0
08:00	0	2	6	0	8	0	0	0	0	0	0	0	0	0	0	0
08:15	3	3	7	0	13	0	0	0	0	0	0	0	0	0	0	0
08:30	1	1	4	0	6	0	0	0	0	0	0	0	0	0	0	0
08:45	1	2	3	0	6	0	0	0	0	0	0	0	0	0	0	0
09:00	1	4	3	0	8	0	0	0	0	0	0	0	0	0	0	0
09:15	0	4	3	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	0	4	2	0	6	0	0	1	0	1	0	0	0	0	0	0
09:45	0	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	42	54	0	106	1	1	2	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
 Site Code: 2416900005
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	2	2	4	0	8	0	0	0	0	0	0	0	0	0	0	0
11:30	0	5	4	0	9	0	0	1	0	1	0	0	0	0	0	0
11:45	2	1	3	0	6	0	1	0	0	1	0	0	0	0	0	0
12:00	0	3	5	0	8	0	1	0	0	1	0	0	0	0	0	0
12:15	0	2	8	0	10	0	0	0	0	0	0	0	0	0	0	0
12:30	1	3	2	0	6	1	0	0	0	1	0	0	0	0	0	0
12:45	2	2	5	0	9	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	21	32	0	61	1	2	1	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	4	12	0	17	1	1	0	0	2	0	0	0	0	0	0
15:15	0	11	12	0	23	0	0	0	0	0	0	0	0	0	0	0
15:30	0	10	15	0	25	0	0	0	0	0	0	0	0	0	0	0
15:45	1	9	9	0	19	0	0	0	0	0	0	0	0	0	0	0
16:00	2	7	13	0	22	1	2	0	0	3	0	0	0	0	0	0
16:15	0	9	17	0	26	0	2	1	0	3	0	0	0	0	0	0
16:30	2	13	13	0	28	1	0	0	0	1	0	0	0	0	0	0
16:45	3	7	11	0	21	1	0	0	0	1	0	0	0	0	0	0
17:00	2	5	13	0	20	0	0	0	0	0	0	0	0	0	0	0
17:15	1	8	10	0	19	0	0	0	0	0	0	0	0	0	0	0
17:30	0	5	14	0	19	0	0	0	0	0	0	0	0	0	0	0
17:45	0	8	9	0	17	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	12	96	148	0	256	4	5	1	0	10	0	0	0	0	0	0
GRAND TOTAL	30	159	234	0	423	6	8	4	0	18	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: North Russell Rd runs N/S

North Approach

	Out	In	Total
	52	164	216
	5	6	11
	0	0	0
Totals	57	170	227

North Russell Rd

	0	0	0	0
	1	3	1	0
	2	49	1	0
Totals	3	52	2	0

East Approach

	Out	In	Total
	38	28	66
	4	3	7
	1	0	1
Totals	43	31	74

Rte 200

				Totals
	0	0	0	0
	0	1	2	3
	0	1	17	18
	0	1	27	28

Peds: 0



Peds: 0

Peds: 0

Rte 200

Totals			
0	0	0	0
3	2	1	0
24	22	1	1
16	14	2	0

West Approach

	Out	In	Total
	46	71	117
	3	2	5
	0	1	1
Totals	49	74	123

Totals	47	164	11	0
	47	160	10	0
	0	4	1	0
	0	0	0	0

North Russell Rd

South Approach

	Out	In	Total
	217	90	307
	5	6	11
	0	0	0
Totals	222	96	318

- Cars

- Trucks

- Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	1	13	1	0	0	15	13	46	2	0	0	61	2	9	1	0	0	12	3	5	8	0	0	16	104
07:30	1	20	1	0	0	22	10	39	1	0	0	50	6	4	1	0	0	11	0	6	6	0	0	12	95
07:45	0	6	0	0	0	6	13	39	5	0	0	57	5	7	0	0	0	12	0	5	8	0	0	13	88
08:00	0	13	1	0	0	14	11	40	3	0	0	54	3	4	1	0	0	8	0	2	6	0	0	8	84
Grand Total	2	52	3	0	0	57	47	164	11	0	0	222	16	24	3	0	0	43	3	18	28	0	0	49	371
Approach %	3.5	91.2	5.3	0	-	-	21.2	73.9	5	0	-	-	37.2	55.8	7	0	-	-	6.1	36.7	57.1	0	-	-	-
Totals %	0.5	14	0.8	0	-	15.4	12.7	44.2	3	0	-	59.8	4.3	6.5	0.8	0	-	11.6	0.8	4.9	7.5	0	-	13.2	-
PHF	0.5	0.65	0.75	0	-	0.65	0.9	0.89	0.55	0	-	0.91	0.67	0.67	0.75	0	-	0.9	0.25	0.75	0.88	0	-	0.77	0.89
Cars	1	49	2	0	-	52	47	160	10	0	-	217	14	22	2	0	-	38	2	17	27	0	-	46	353
% Cars	50	94.2	66.7	0	-	91.2	100	97.6	90.9	0	-	97.7	87.5	91.7	66.7	0	-	88.4	66.7	94.4	96.4	0	-	93.9	95.1
Trucks	1	3	1	0	-	5	0	4	1	0	-	5	2	1	1	0	-	4	1	1	1	0	-	3	17
% Trucks	50	5.8	33.3	0	-	8.8	0	2.4	9.1	0	-	2.3	12.5	4.2	33.3	0	-	9.3	33.3	5.6	3.6	0	-	6.1	4.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	0	0	0	0	-	0	1
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	4.2	0	0	-	2.3	0	0	0	0	-	0	0.3
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:30:00
To: 12:30:00




Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: North Russell Rd runs N/S

North Approach




	Out	In	Total
	55	64	119
	2	3	5
	0	0	0
Totals	57	67	124

North Russell Rd








	0	0	0	0
	0	2	0	0
	5	42	8	0
Totals	5	44	8	0

East Approach

	Out	In	Total
	16	24	40
	3	2	5
	0	0	0
Totals	19	26	45

Rte 200

				Totals
	0	0	0	0
	0	0	2	2
	0	2	11	13
	0	1	20	21

Peds: 0




Peds: 0






Peds: 0








Peds: 0

Rte 200

Totals			
0	0	0	0
5	5	0	0
8	5	3	0
6	6	0	0




West Approach

	Out	In	Total
	33	25	58
	3	5	8
	0	0	0
Totals	36	30	66


Totals				
	15	57	5	0
	2	3	0	0
	0	0	0	0

North Russell Rd

South Approach

	Out	In	Total
	77	68	145
	5	3	8
	0	0	0
Totals	82	71	153

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:30 - 12:30)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:30	6	9	3	0	0	18	8	13	3	0	0	24	1	3	0	0	0	4	0	5	5	0	0	10	56
11:45	0	12	0	0	0	12	3	13	0	0	0	16	2	0	0	0	0	2	2	2	3	0	0	7	37
12:00	1	9	2	0	0	12	4	18	1	0	0	23	2	1	2	0	0	5	0	4	5	0	0	9	49
12:15	1	14	0	0	0	15	2	16	1	0	0	19	1	4	3	0	0	8	0	2	8	0	0	10	52
Grand Total	8	44	5	0	0	57	17	60	5	0	0	82	6	8	5	0	0	19	2	13	21	0	0	36	194
Approach %	14	77.2	8.8	0	-	-	20.7	73.2	6.1	0	-	-	31.6	42.1	26.3	0	-	-	5.6	36.1	58.3	0	-	-	-
Totals %	4.1	22.7	2.6	0	-	29.4	8.8	30.9	2.6	0	-	42.3	3.1	4.1	2.6	0	-	9.8	1	6.7	10.8	0	-	18.6	-
PHF	0.33	0.79	0.42	0	-	0.79	0.53	0.83	0.42	0	-	0.85	0.75	0.5	0.42	0	-	0.59	0.25	0.65	0.66	0	-	0.9	0.87
Cars	8	42	5	0	-	55	15	57	5	0	-	77	6	5	5	0	-	16	2	11	20	0	-	33	181
% Cars	100	95.5	100	0	-	96.5	88.2	95	100	0	-	93.9	100	62.5	100	0	-	84.2	100	84.6	95.2	0	-	91.7	93.3
Trucks	0	2	0	0	-	2	2	3	0	0	-	5	0	3	0	0	-	3	0	2	1	0	-	3	13
% Trucks	0	4.5	0	0	-	3.5	11.8	5	0	0	-	6.1	0	37.5	0	0	-	15.8	0	15.4	4.8	0	-	8.3	6.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: North Russell Rd runs N/S

North Approach




	Out	In	Total
	160	76	236
	2	10	12
	0	0	0
Totals	162	86	248

North Russell Rd








	0	0	0	0
	0	2	0	0
	8	142	10	0
Totals	8	144	10	0

East Approach

	Out	In	Total
	39	65	104
	1	4	5
	0	0	0
Totals	40	69	109

Rte 200

				Totals
	0	0	0	0
	0	3	7	10
	0	4	36	40
	0	1	54	55








Peds: 0






Peds: 0








Peds: 0

Rte 200

Totals			
	0	0	0
	4	4	0
	22	21	1
	14	14	0




West Approach

	Out	In	Total
	97	49	146
	8	1	9
	0	0	0
Totals	105	50	155


Totals				
	20	65	19	0
	0	7	0	0
	0	0	0	0

North Russell Rd

South Approach

	Out	In	Total
	104	210	314
	7	3	10
	0	0	0
Totals	111	213	324

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & North Russell Rd
Site Code: 2416900005
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach North Russell Rd						South Approach North Russell Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	4	32	2	0	0	38	4	16	6	0	0	26	2	6	0	0	0	8	3	9	13	0	0	25	97
16:15	1	34	1	0	0	36	7	19	2	0	0	28	2	7	2	0	0	11	0	11	18	0	0	29	104
16:30	1	39	1	0	0	41	5	19	8	0	0	32	6	3	2	0	0	11	3	13	13	0	0	29	113
16:45	4	39	4	0	0	47	4	18	3	0	0	25	4	6	0	0	0	10	4	7	11	0	0	22	104
Grand Total	10	144	8	0	0	162	20	72	19	0	0	111	14	22	4	0	0	40	10	40	55	0	0	105	418
Approach %	6.2	88.9	4.9	0	-	-	18	64.9	17.1	0	-	-	35	55	10	0	-	-	9.5	38.1	52.4	0	-	-	-
Totals %	2.4	34.4	1.9	0	-	38.8	4.8	17.2	4.5	0	-	26.6	3.3	5.3	1	0	-	9.6	2.4	9.6	13.2	0	-	25.1	-
PHF	0.63	0.92	0.5	0	-	0.86	0.71	0.95	0.59	0	-	0.87	0.58	0.79	0.5	0	-	0.91	0.63	0.77	0.76	0	-	0.91	0.92
Cars	10	142	8	0	-	160	20	65	19	0	-	104	14	21	4	0	-	39	7	36	54	0	-	97	400
% Cars	100	98.6	100	0	-	98.8	100	90.3	100	0	-	93.7	100	95.5	100	0	-	97.5	70	90	98.2	0	-	92.4	95.7
Trucks	0	2	0	0	-	2	0	7	0	0	-	7	0	1	0	0	-	1	3	4	1	0	-	8	18
% Trucks	0	1.4	0	0	-	1.2	0	9.7	0	0	-	6.3	0	4.5	0	0	-	2.5	30	10	1.8	0	-	7.6	4.3
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Project #24-169 – Morrison Hershfield

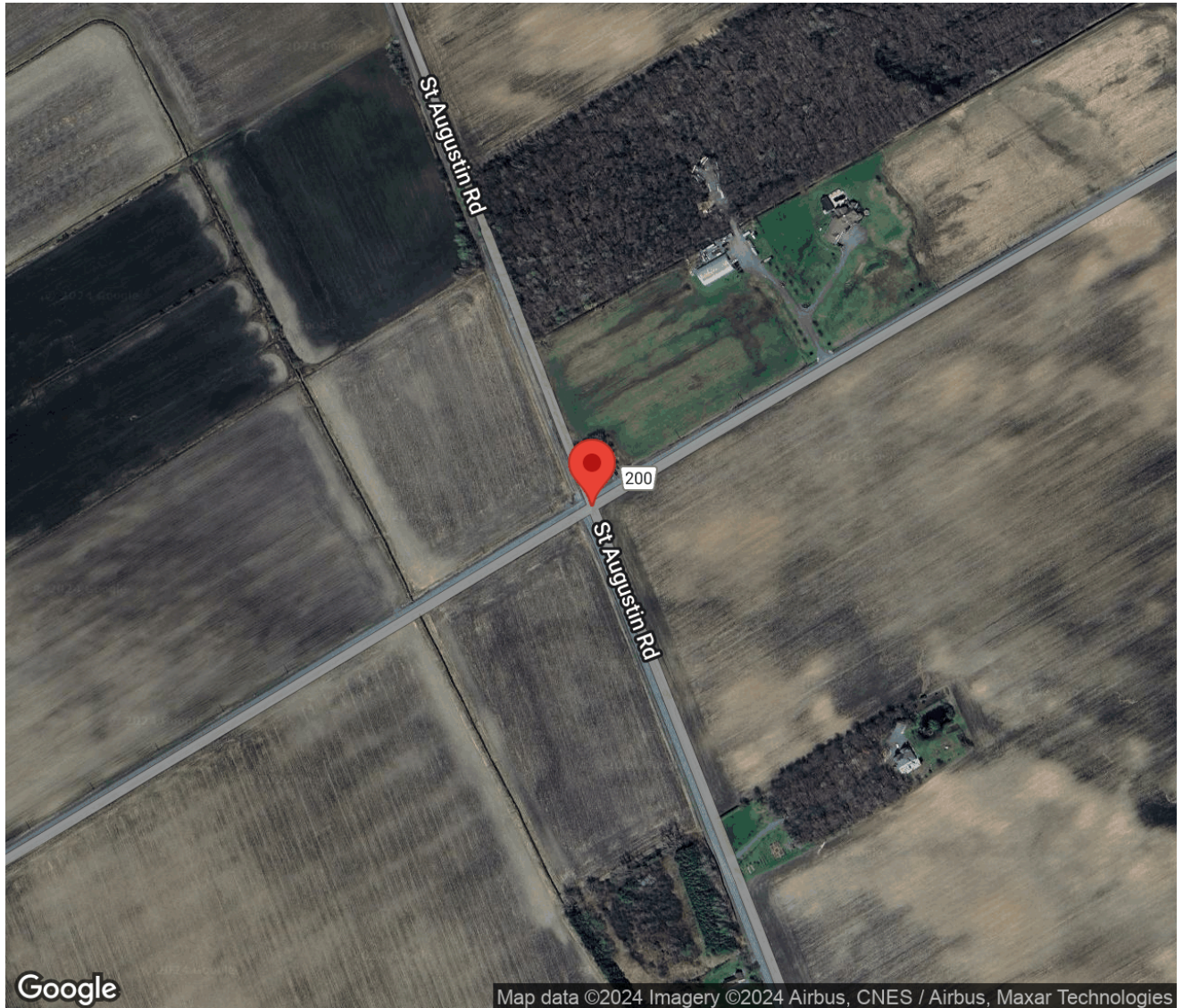
Intersection Count Report

Intersection: Rte 200 & St. Augustin Rd
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900006
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	Rte 200 & St. Augustin Rd
Site Code:	2416900006
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: Rte 200 & St. Augustin Rd
 Site Code: 2416900006
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Augustin Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	61	0	1	0	62	0	62
08:00 - 09:00	0	0	0	0	0	0	36	0	1	0	37	0	37
09:00 - 10:00	0	0	0	0	0	0	21	0	0	0	21	0	21
BREAK													
11:00 - 12:00	0	0	0	0	0	0	12	0	2	0	14	0	14
12:00 - 13:00	0	0	0	0	0	0	11	0	2	0	13	0	13
BREAK													
15:00 - 16:00	2	0	0	0	2	0	18	0	2	0	20	0	22
16:00 - 17:00	1	0	0	0	1	0	19	1	1	0	21	0	22
17:00 - 18:00	1	0	0	0	1	0	15	0	3	0	18	0	19
GRAND TOTAL	4	0	0	0	4	0	193	1	12	0	206	0	210

Traffic Count Summary

Intersection: Rte 200 & St. Augustin Rd
 Site Code: 2416900006
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Rte 200 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	31	0	0	32	0	0	12	10	0	22	0	54
08:00 - 09:00	2	21	0	0	23	0	0	10	4	0	14	0	37
09:00 - 10:00	0	11	0	0	11	0	0	13	6	0	19	0	30
BREAK													
11:00 - 12:00	1	12	0	0	13	0	0	14	8	0	22	0	35
12:00 - 13:00	0	14	0	0	14	0	0	17	14	0	31	0	45
BREAK													
15:00 - 16:00	1	18	1	1	21	0	0	30	29	0	59	0	80
16:00 - 17:00	0	19	0	0	19	0	0	33	65	0	98	0	117
17:00 - 18:00	2	15	1	0	18	0	0	39	26	1	66	0	84
GRAND TOTAL	7	141	2	1	151	0	0	168	162	1	331	0	482

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
07:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

	Cars						Trucks						Bicycles						
Start Time					Total						Total						Total	Total Peds	
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0	

[illegible]

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	16	0	0	0	16	1	0	0	0	1	0	0	0	0	0	0
07:15	16	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0
07:30	13	0	0	0	13	1	0	1	0	2	0	0	0	0	0	0
07:45	13	0	0	0	13	1	0	0	0	1	0	0	0	0	0	0
08:00	7	0	0	0	7	1	0	0	0	1	0	0	0	0	0	0
08:15	19	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0
08:30	5	0	0	0	5	2	0	1	0	3	0	0	0	0	0	0
08:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:00	9	0	0	0	9	1	0	0	0	1	0	0	0	0	0	0
09:15	5	0	0	0	5	1	0	0	0	1	0	0	0	0	0	0
09:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	110	0	0	0	110	8	0	2	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
11:15	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0
11:30	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	4	0	0	0	4	1	0	0	0	1	0	0	0	0	0	0
12:00	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:15	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	21	0	4	0	25	2	0	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
15:15	5	0	0	0	5	0	0	1	0	1	0	0	0	0	0	0
15:30	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
16:00	9	1	0	0	10	1	0	0	0	1	0	0	0	0	0	0
16:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
16:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:00	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0
17:15	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	51	1	5	0	57	1	0	1	0	2	0	0	0	0	0	0
GRAND TOTAL	182	1	9	0	192	11	0	3	0	14	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
07:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
07:30	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0
07:45	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0
08:00	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
08:15	0	5	0	0	5	2	0	0	0	2	0	0	0	0	0	0
08:30	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
09:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:15	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
09:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	1	61	0	0	62	2	2	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
 Site Code: 2416900006
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:15	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
11:30	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
11:45	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0
12:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:45	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	23	0	0	23	1	3	0	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
15:15	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
15:30	0	1	1	1	3	0	5	0	0	5	0	0	0	0	0	0
15:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
16:00	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
16:15	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
16:30	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
16:45	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17:00	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0
17:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	44	2	1	50	0	8	0	0	8	0	0	0	0	0	0
GRAND TOTAL	4	128	2	1	135	3	13	0	0	16	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
07:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
07:45	0	8	5	0	13	0	0	1	0	1	0	0	0	0	0	0
08:00	0	1	2	0	3	0	3	0	0	3	0	0	0	0	0	0
08:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
08:30	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
09:00	0	2	2	0	4	0	1	0	0	1	0	0	0	0	0	0
09:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
09:30	0	2	2	0	4	0	1	0	0	1	0	0	0	0	0	0
09:45	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	29	19	0	48	0	6	1	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	1	0	3	0	1	1	0	2	0	0	0	0	0	0
11:30	0	5	2	0	7	0	0	0	0	0	0	0	0	0	0	0
11:45	0	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0
12:00	0	2	3	0	5	0	1	0	0	1	0	0	0	0	0	0
12:15	0	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0
12:30	0	5	3	0	8	0	1	0	0	1	0	0	0	0	0	0
12:45	0	5	5	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	28	21	0	49	0	3	1	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 200

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	7	8	0	15	0	0	1	0	1	0	0	0	0	0	0
15:15	0	6	4	0	10	0	2	0	0	2	0	0	0	0	0	0
15:30	0	10	8	0	18	0	0	0	0	0	0	0	0	0	0	0
15:45	0	4	8	0	12	0	1	0	0	1	0	0	0	0	0	0
16:00	0	6	10	0	16	0	1	1	0	2	0	0	0	0	0	0
16:15	0	12	19	0	31	0	1	0	0	1	0	0	0	0	0	0
16:30	0	5	23	0	28	0	1	1	0	2	0	0	0	0	0	0
16:45	0	7	11	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	0	11	10	0	21	0	0	0	0	0	0	0	0	0	0	0
17:15	0	9	4	0	13	0	0	0	0	0	0	0	0	0	0	0
17:30	0	8	8	1	17	0	2	0	0	2	0	0	0	0	0	0
17:45	0	9	4	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	94	117	1	212	0	8	3	0	11	0	0	0	0	0	0
GRAND TOTAL	0	151	157	1	309	0	17	5	0	22	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: Rte 200 runs E/W



North Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0




St. Augustin Rd

	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0













East Approach

	Out	In	Total
	32	12	44
	0	1	1
	0	0	0
	32	13	45

Rte 200

				Totals
	0	0	0	0
	0	0	0	0
	0	0	12	12
	0	1	9	10













Peds: 0






Peds: 0








Rte 200

Totals			
0	0	0	0
0	0	0	0
31	31	0	0
1	1	0	0




West Approach

	Out	In	Total
	21	89	110
	1	3	4
	0	0	0
	22	92	114


Totals				
	61	0	1	0
	58	0	0	0
	3	0	1	0
	0	0	0	0

St. Augustin Rd

South Approach

	Out	In	Total
	58	10	68
	4	1	5
	0	0	0
	62	11	73

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	0	0	0	0	0	0	17	0	0	0	0	17	0	5	0	0	0	5	0	1	2	0	0	3	25
07:15	0	0	0	0	0	0	16	0	0	0	0	16	0	10	0	0	0	10	0	1	2	0	0	3	29
07:30	0	0	0	0	0	0	14	0	1	0	0	15	0	11	0	0	0	11	0	2	0	0	0	2	28
07:45	0	0	0	0	0	0	14	0	0	0	0	14	1	5	0	0	0	6	0	8	6	0	0	14	34
Grand Total	0	0	0	0	0	0	61	0	1	0	0	62	1	31	0	0	0	32	0	12	10	0	0	22	116
Approach %	0	0	0	0	-	-	98.4	0	1.6	0	-	-	3.1	96.9	0	0	-	-	0	54.5	45.5	0	-	-	-
Totals %	0	0	0	0	0	0	52.6	0	0.9	0	0	53.4	0.9	26.7	0	0	0	27.6	0	10.3	8.6	0	0	19	
PHF	0	0	0	0	0	0	0.9	0	0.25	0	0	0.91	0.25	0.7	0	0	0	0.73	0	0.38	0.42	0	0	0.39	0.85
Cars	0	0	0	0	0	0	58	0	0	0	0	58	1	31	0	0	0	32	0	12	9	0	0	21	111
% Cars	0	0	0	0	0	0	95.1	0	0	0	0	93.5	100	100	0	0	0	100	0	100	90	0	0	95.5	95.7
Trucks	0	0	0	0	0	0	3	0	1	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	5
% Trucks	0	0	0	0	0	0	4.9	0	100	0	0	6.5	0	0	0	0	0	0	0	0	10	0	0	4.5	4.3
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024

Weather conditions: Clear


**** Unsignalized Intersection ****



Major Road: Rte 200 runs E/W

North Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0




St. Augustin Rd

	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0













East Approach

	Out	In	Total
	13	17	30
	1	2	3
	0	0	0
	14	19	33

Rte 200

				Totals
	0	0	0	0
	0	0	0	0
	0	2	15	17
	0	0	14	14

Peds: 0










Peds: 0

Peds: 0




Peds: 0





Rte 200

Totals			
0	0	0	0
0	0	0	0
14	13	1	0
0	0	0	0




West Approach

	Out	In	Total
	29	24	53
	2	1	3
	0	0	0
	31	25	56


	11	0	2	0
	11	0	2	0
	0	0	0	0
	0	0	0	0

St. Augustin Rd

South Approach

	Out	In	Total
	13	14	27
	0	0	0
	0	0	0
	13	14	27

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	0	0	0	0	0	0	3	0	0	0	0	3	0	1	0	0	0	1	0	3	3	0	0	6	10
12:15	0	0	0	0	0	0	3	0	0	0	0	3	0	4	0	0	0	4	0	3	3	0	0	6	13
12:30	0	0	0	0	0	0	3	0	1	0	0	4	0	5	0	0	0	5	0	6	3	0	0	9	18
12:45	0	0	0	0	0	0	2	0	1	0	0	3	0	4	0	0	0	4	0	5	5	0	0	10	17
Grand Total	0	0	0	0	0	0	11	0	2	0	0	13	0	14	0	0	0	14	0	17	14	0	0	31	58
Approach %	0	0	0	0	-	-	84.6	0	15.4	0	-	-	0	100	0	0	-	-	0	54.8	45.2	0	-	-	-
Totals %	0	0	0	0	0	0	19	0	3.4	0	22.4	22.4	0	24.1	0	0	24.1	24.1	0	29.3	24.1	0	53.4	53.4	53.4
PHF	0	0	0	0	0	0	0.92	0	0.5	0	0.81	0.81	0	0.7	0	0	0.7	0.7	0	0.71	0.7	0	0.78	0.78	0.81
Cars	0	0	0	0	0	0	11	0	2	0	13	13	0	13	0	0	13	13	0	15	14	0	29	29	55
% Cars	0	0	0	0	0	0	100	0	100	0	100	100	0	92.9	0	0	92.9	92.9	0	88.2	100	0	93.5	93.5	94.8
Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	0	0	2	2	3
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	7.1	0	0	7.1	7.1	0	11.8	0	0	6.5	6.5	5.2
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: Rte 200 runs E/W

North Approach

	Out	In	Total
	1	1	2
	0	0	0
	0	0	0
	1	1	2




St. Augustin Rd

	0	0	0	0
	0	0	0	0
	0	0	1	0
Totals	0	0	1	0













East Approach

	Out	In	Total
	18	32	50
	1	3	4
	0	0	0
	19	35	54

Rte 200

				Totals
	0	0	0	0
	0	0	0	0
	0	3	30	33
	0	2	63	65

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 200

Totals			
0	0	0	0
0	0	0	0
19	18	1	0
0	0	0	0

West Approach

	Out	In	Total
	93	36	129
	5	2	7
	0	0	0
	98	38	136


Totals				
19	1	1	0	0
	18	1	1	0
	1	0	0	0
	0	0	0	0

St. Augustin Rd

South Approach

Out	In	Total
20	63	83
1	2	3
0	0	0
21	65	86

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 200 & St. Augustin Rd
Site Code: 2416900006
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Rte 200						West Approach Rte 200						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	0	0	0	0	0	0	10	1	0	0	0	11	0	7	0	0	0	7	0	7	11	0	0	18	36
16:15	1	0	0	0	0	1	1	0	1	0	0	2	0	3	0	0	0	3	0	13	19	0	0	32	38
16:30	0	0	0	0	0	0	6	0	0	0	0	6	0	3	0	0	0	3	0	6	24	0	0	30	39
16:45	0	0	0	0	0	0	2	0	0	0	0	2	0	6	0	0	0	6	0	7	11	0	0	18	26
Grand Total	1	0	0	0	0	1	19	1	1	0	0	21	0	19	0	0	0	19	0	33	65	0	0	98	139
Approach %	100	0	0	0	-	-	90.5	4.8	4.8	0	-	-	0	100	0	0	-	-	0	33.7	66.3	0	-	-	-
Totals %	0.7	0	0	0	0.7	0.7	13.7	0.7	0.7	0	15.1	15.1	0	13.7	0	0	13.7	13.7	0	23.7	46.8	0	70.5	70.5	70.5
PHF	0.25	0	0	0	0.25	0.25	0.48	0.25	0.25	0	0.48	0.48	0	0.68	0	0	0.68	0.68	0	0.63	0.68	0	0.77	0.77	0.89
Cars	1	0	0	0	-	1	18	1	1	0	-	20	0	18	0	0	-	18	0	30	63	0	-	93	132
% Cars	100	0	0	0	-	100	94.7	100	100	0	-	95.2	0	94.7	0	0	-	94.7	0	90.9	96.9	0	-	94.9	95
Trucks	0	0	0	0	-	0	1	0	0	0	-	1	0	1	0	0	-	1	0	3	2	0	-	5	7
% Trucks	0	0	0	0	-	0	5.3	0	0	0	-	4.8	0	5.3	0	0	-	5.3	0	9.1	3.1	0	-	5.1	5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	0

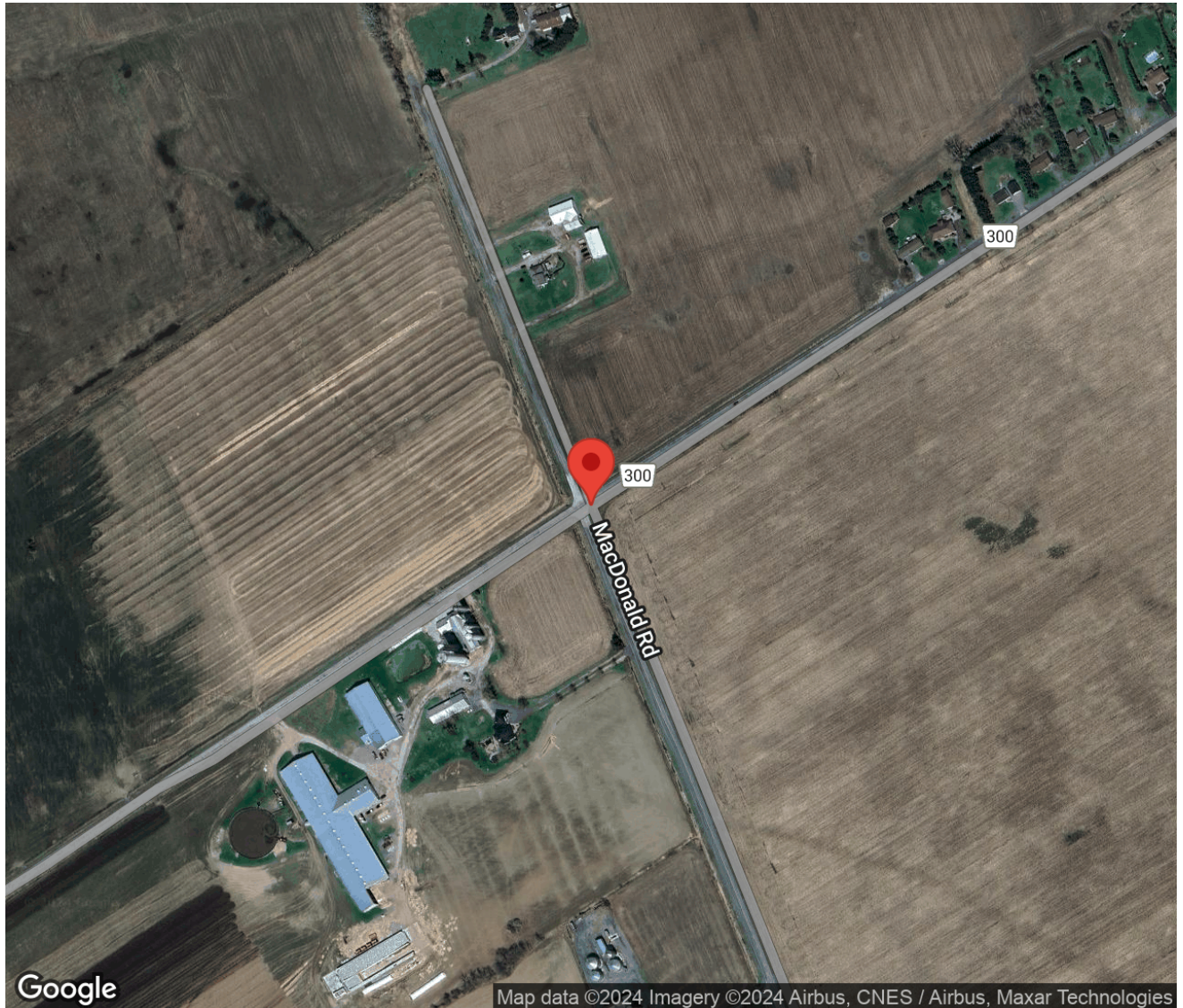
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 300 & MacDonald Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900007
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 300 & MacDonald Rd
Site Code:	2416900007
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

MacDonald Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	3	0	1	0	4	0	4	2	1	0	7	0	11
08:00 - 09:00	0	0	0	0	0	0	3	0	4	0	7	0	7
09:00 - 10:00	0	0	2	0	2	1	1	0	5	0	6	1	8
BREAK													
11:00 - 12:00	0	0	1	0	1	0	3	1	3	0	7	0	8
12:00 - 13:00	1	0	1	0	2	0	4	0	1	0	5	0	7
BREAK													
15:00 - 16:00	2	1	2	0	5	0	1	0	2	0	3	0	8
16:00 - 17:00	0	0	0	0	0	0	1	0	4	0	5	0	5
17:00 - 18:00	1	2	0	0	3	0	5	0	5	0	10	0	13
GRAND TOTAL	7	3	7	0	17	1	22	3	25	0	50	1	67

Traffic Count Summary

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 300 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	5	59	1	0	65	0	1	19	0	0	20	0	85
08:00 - 09:00	1	40	0	0	41	0	0	15	1	0	16	0	57
09:00 - 10:00	1	19	2	0	22	1	0	19	1	0	20	0	42
BREAK													
11:00 - 12:00	4	14	0	0	18	0	1	12	8	0	21	0	39
12:00 - 13:00	2	18	0	0	20	0	0	14	2	0	16	0	36
BREAK													
15:00 - 16:00	1	17	3	0	21	0	1	32	2	0	35	0	56
16:00 - 17:00	7	19	0	0	26	0	2	49	2	0	53	0	79
17:00 - 18:00	4	20	0	0	24	0	0	49	3	0	52	0	76
GRAND TOTAL	25	206	6	0	237	1	5	209	19	0	233	0	470

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
07:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	0	3	0	5	1	0	0	0	1	0	0	0	0	0	1

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	1	0	1	0	2		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	1	0	2	0	3		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
15:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
SUBTOTAL	2	2	2	0	6	0	1	0	0	1	1	0	0	0	1	0
GRAND TOTAL	5	2	7	0	14	1	1	0	0	2	1	0	0	0	1	1

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	2	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0
07:30	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
07:45	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0
08:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
09:00	1	0	1	0	2	0	0	2	0	2	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
09:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	0	7	0	15	0	2	3	0	5	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11:45	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
12:00	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
12:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	6	1	4	0	11	1	0	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
15:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	1	0	2	2	0	0	0	2	0	0	0	0	0	0
17:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	0	10	0	14	3	0	1	0	4	0	0	0	0	0	0
GRAND TOTAL	18	1	21	0	40	4	2	4	0	10	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	18	0	0	19	0	0	0	0	0	0	0	0	0	0	0
07:15	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
07:30	2	12	0	0	14	0	1	0	0	1	0	0	0	0	0	0
07:45	1	19	1	0	21	0	0	0	0	0	0	0	0	0	0	0
08:00	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
08:15	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
08:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:00	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
09:15	1	6	1	0	8	0	1	0	0	1	0	0	0	0	0	1
09:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	116	3	0	126	0	2	0	0	2	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
 Site Code: 2416900007
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:15	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0
11:30	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
11:45	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:00	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:15	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	6	31	0	0	37	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	6	0	0	6	0	0	1	0	1	0	0	0	0	0	0
15:15	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
15:30	0	6	2	0	8	0	0	0	0	0	0	0	0	0	0	0
15:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	3	6	0	0	9	1	0	0	0	1	0	0	0	0	0	0
16:15	1	4	0	0	5	1	0	0	0	1	0	0	0	0	0	0
16:30	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
16:45	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:00	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:15	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:45	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	56	2	0	68	2	0	1	0	3	0	0	0	0	0	0
GRAND TOTAL	23	203	5	0	231	2	3	1	0	6	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0
07:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:45	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
08:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:45	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
09:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	51	2	0	54	0	2	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0
11:30	0	7	3	0	10	0	0	0	0	0	0	0	0	0	0	0
11:45	1	2	3	0	6	0	0	1	0	1	0	0	0	0	0	0
12:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:15	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	0
12:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0
12:45	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	1	24	7	0	32	0	2	3	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 300

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
15:15	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:30	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0
15:45	1	9	1	0	11	0	0	0	0	0	0	0	0	0	0	0
16:00	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
16:15	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
16:30	1	17	0	0	18	0	0	0	0	0	0	0	0	0	0	0
16:45	1	8	1	0	10	0	0	1	0	1	0	0	0	0	0	0
17:00	0	13	0	0	13	0	0	1	0	1	0	0	0	0	0	0
17:15	0	15	1	0	16	0	0	0	0	0	0	0	0	0	0	0
17:30	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	0
17:45	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	129	5	0	137	0	1	2	0	3	0	0	0	0	0	0
GRAND TOTAL	5	204	14	0	223	0	5	5	0	10	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 300 runs E/W

North Approach




	Out	In	Total
	3	2	5
	1	2	3
	0	0	0
	4	4	8

MacDonald Rd




	0	0	0	0
	0	0	1	0
	1	0	2	0
Totals	1	0	3	0










East Approach

	Out	In	Total
	64	19	83
	1	4	5
	0	0	0
	65	23	88

Rte 300

				Totals
	0	0	0	0
	0	0	1	1
	0	2	17	19
	0	0	0	0

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 300

Totals			
0	0	0	0
1	1	0	0
59	58	1	0
5	5	0	0




West Approach

	Out	In	Total
	18	63	81
	2	1	3
	0	0	0
	20	64	84


Totals				
	4	2	1	0
	4	0	0	0
	0	2	1	0
	0	0	0	0

MacDonald Rd

South Approach

	Out	In	Total
	4	5	9
	3	0	3
	0	0	0
	7	5	12

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach MacDonald Rd						South Approach MacDonald Rd						East Approach Rte 300						West Approach Rte 300						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	0	0	1	0	0	1	1	0	0	0	0	1	1	18	0	0	0	19	1	2	0	0	0	3	24
07:15	1	0	0	0	0	1	2	0	1	0	0	3	1	9	0	0	0	10	0	4	0	0	0	4	18
07:30	1	0	0	0	0	1	0	1	0	0	0	1	2	13	0	0	0	15	0	7	0	0	0	7	24
07:45	1	0	0	0	0	1	1	1	0	0	0	2	1	19	1	0	0	21	0	6	0	0	0	6	30
Grand Total	3	0	1	0	0	4	4	2	1	0	0	7	5	59	1	0	0	65	1	19	0	0	0	20	96
Approach %	75	0	25	0	-	-	57.1	28.6	14.3	0	-	-	7.7	90.8	1.5	0	-	-	5	95	0	0	-	-	-
Totals %	3.1	0	1	0	-	4.2	4.2	2.1	1	0	-	7.3	5.2	61.5	1	0	-	67.7	1	19.8	0	0	-	20.8	-
PHF	0.75	0	0.25	0	-	1	0.5	0.5	0.25	0	-	0.58	0.63	0.78	0.25	0	-	0.77	0.25	0.68	0	0	-	0.71	0.8
Cars	2	0	1	0	-	3	4	0	0	0	-	4	5	58	1	0	-	64	1	17	0	0	-	18	89
% Cars	66.7	0	100	0	-	75	100	0	0	0	-	57.1	100	98.3	100	0	-	98.5	100	89.5	0	0	-	90	92.7
Trucks	1	0	0	0	-	1	0	2	1	0	-	3	0	1	0	0	-	1	0	2	0	0	-	2	7
% Trucks	33.3	0	0	0	-	25	0	100	100	0	-	42.9	0	1.7	0	0	-	1.5	0	10.5	0	0	-	10	7.3
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024

Weather conditions: Clear



**** Unsignalized Intersection ****

Major Road: Rte 300 runs E/W


North Approach

	Out	In	Total
	1	2	3
	0	0	0
	0	0	0
Totals	1	2	3




MacDonald Rd

	0	0	0	0
	0	0	0	0
	1	0	0	0
Totals	1	0	0	0










East Approach

	Out	In	Total
	21	19	40
	0	0	0
	0	0	0
Totals	21	19	40

Rte 300

				Totals
	0	0	0	0
	0	0	1	1
	0	0	15	15
	0	2	6	8








Peds: 0






Peds: 0








Peds: 0

Rte 300

Totals			
	0	0	0
	0	0	0
	16	16	0
	5	5	0




West Approach

	Out	In	Total
	22	21	43
	2	1	3
	0	0	0
Totals	24	22	46


Totals				
	4	1	4	0
	1	0	0	0
	0	0	0	0

MacDonald Rd

South Approach

	Out	In	Total
	9	11	20
	1	2	3
	0	0	0
Totals	10	13	23

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

Start Time	North Approach MacDonald Rd						South Approach MacDonald Rd						East Approach Rte 300						West Approach Rte 300						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:15	0	0	1	0	0	1	2	0	2	0	0	4	2	4	0	0	0	6	0	2	1	0	0	3	14
11:30	0	0	0	0	0	0	0	0	1	0	0	1	0	6	0	0	0	6	0	7	3	0	0	10	17
11:45	0	0	0	0	0	0	1	1	0	0	0	2	1	2	0	0	0	3	1	2	4	0	0	7	12
12:00	0	0	0	0	0	0	2	0	1	0	0	3	2	4	0	0	0	6	0	4	0	0	0	4	13
Grand Total	0	0	1	0	0	1	5	1	4	0	0	10	5	16	0	0	0	21	1	15	8	0	0	24	56
Approach %	0	0	100	0	-	-	50	10	40	0	-	-	23.8	76.2	0	0	-	-	4.2	62.5	33.3	0	-	-	-
Totals %	0	0	1.8	0	1.8	8.9	1.8	7.1	0	17.9	8.9	28.6	0	0	37.5	1.8	26.8	14.3	0	42.9					
PHF	0	0	0.25	0	0.25	0.63	0.25	0.5	0	0.63	0.63	0.67	0	0	0.88	0.25	0.54	0.5	0	0.6	0.82				
Cars	0	0	1	0	1	4	1	4	0	9	5	16	0	0	21	1	15	6	0	22	53				
% Cars	0	0	100	0	100	80	100	100	0	90	100	100	0	0	100	100	100	75	0	91.7	94.6				
Trucks	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	2	3				
% Trucks	0	0	0	0	0	20	0	0	0	10	0	0	0	0	0	0	0	25	0	8.3	5.4				
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Peds					0	-				0	-					0	-				0	-			0
% Peds					0	-				0	-					0	-				0	-			

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:30:00
To: 17:30:00




Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024

Weather conditions: Clear


**** Unsignalized Intersection ****


Major Road: Rte 300 runs E/W



North Approach

	Out	In	Total
	1	2	3
	0	0	0
	0	0	0
Totals	1	2	3




MacDonald Rd

	0	0	0	0
	0	0	0	0
	0	1	0	0
Totals	0	1	0	0










East Approach

	Out	In	Total
	22	59	81
	0	0	0
	0	0	0
Totals	22	59	81

Rte 300

				Totals
	0	0	0	0
	0	0	2	2
	0	0	53	53
	0	2	2	4








Peds: 0






Peds: 0








Peds: 0

Rte 300

Totals			
	0	0	0
	0	0	0
	18	18	0
	4	4	0




West Approach

	Out	In	Total
	57	19	76
	2	2	4
	0	0	0
Totals	59	21	80


Totals				
	1	0	6	0
	2	0	0	0
	0	0	0	0

MacDonald Rd

South Approach

	Out	In	Total
	7	7	14
	2	2	4
	0	0	0
Totals	9	9	18

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 300 & MacDonald Rd
Site Code: 2416900007
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:30 - 17:30)

	North Approach MacDonald Rd						South Approach MacDonald Rd						East Approach Rte 300						West Approach Rte 300						Total Vehicl es
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total	
16:30	0	0	0	0	0	0	0	0	1	0	0	1	0	3	0	0	0	3	1	17	0	0	0	18	22
16:45	0	0	0	0	0	0	0	0	2	0	0	2	1	6	0	0	0	7	1	8	2	0	0	11	20
17:00	0	0	0	0	0	0	3	0	1	0	0	4	1	6	0	0	0	7	0	13	1	0	0	14	25
17:15	0	1	0	0	0	1	0	0	2	0	0	2	2	3	0	0	0	5	0	15	1	0	0	16	24
Grand Total	0	1	0	0	0	1	3	0	6	0	0	9	4	18	0	0	0	22	2	53	4	0	0	59	91
Approach %	0	100	0	0	-	-	33.3	0	66.7	0	-	-	18.2	81.8	0	0	-	-	3.4	89.8	6.8	0	-	-	-
Totals %	0	1.1	0	0	-	1.1	3.3	0	6.6	0	-	9.9	4.4	19.8	0	0	-	24.2	2.2	58.2	4.4	0	-	64.8	-
PHF	0	0.25	0	0	-	0.25	0.25	0	0.75	0	-	0.56	0.5	0.75	0	0	-	0.79	0.5	0.78	0.5	0	-	0.82	0.91
Cars	0	1	0	0	-	1	1	0	6	0	-	7	4	18	0	0	-	22	2	53	2	0	-	57	87
% Cars	0	100	0	0	-	100	33.3	0	100	0	-	77.8	100	100	0	0	-	100	100	50	0	-	96.6	95.6	
Trucks	0	0	0	0	-	0	2	0	0	0	-	2	0	0	0	0	-	0	0	2	0	-	2	4	
% Trucks	0	0	0	0	-	0	66.7	0	0	0	-	22.2	0	0	0	0	-	0	0	50	0	-	3.4	4.4	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	0	0	
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	-
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	-

Project #24-169 – Morrison Hershfield

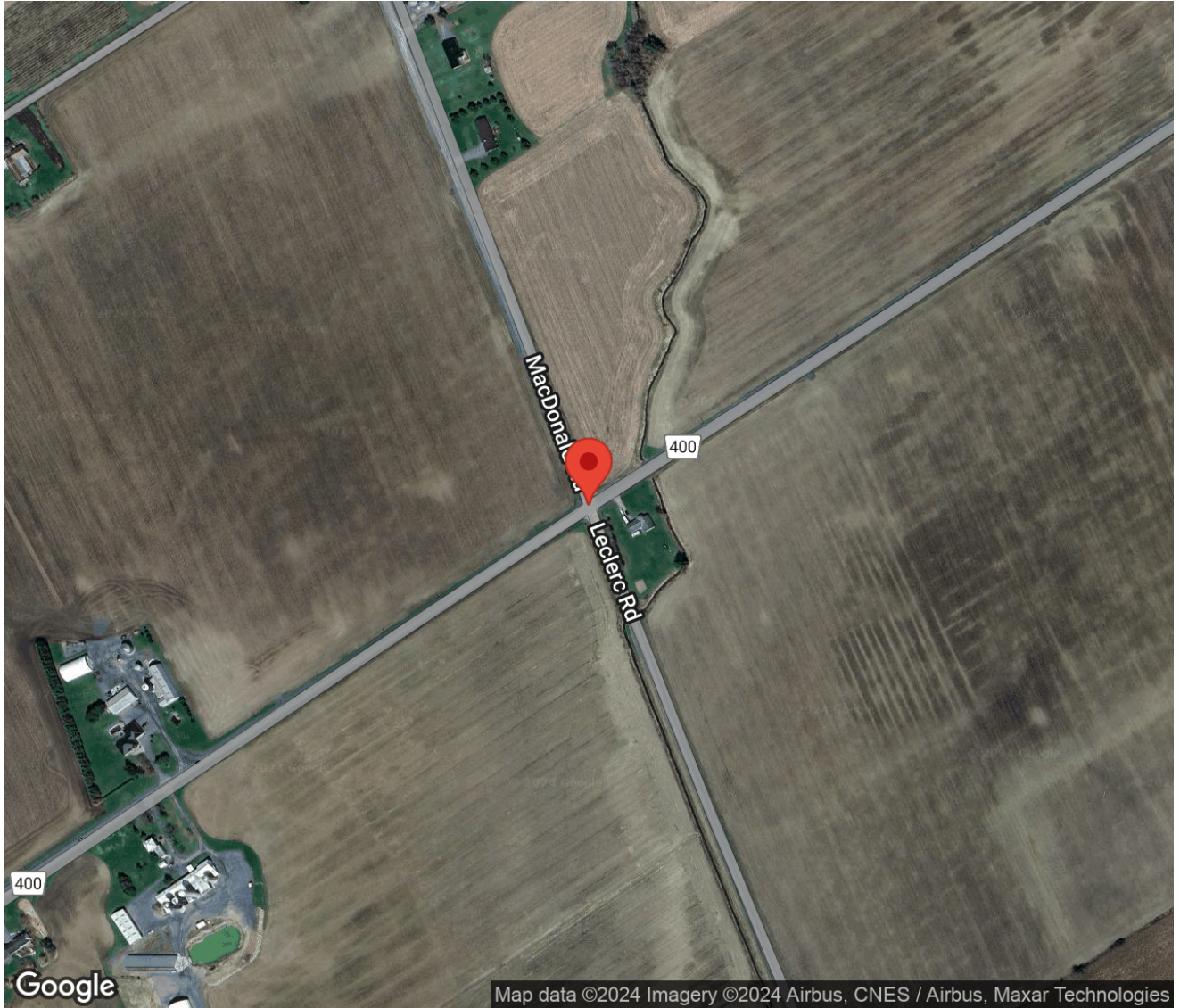
Intersection Count Report

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900008
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	Rte 400 & MacDonald Rd - Leclerc Rd
Site Code:	2416900008
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

MacDonald Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	3	1	1	0	5	0	0	1	2	0	3	0	8
08:00 - 09:00	0	0	1	0	1	0	2	1	0	0	3	0	4
09:00 - 10:00	1	1	2	0	4	0	0	1	3	0	4	0	8
BREAK													
11:00 - 12:00	3	1	3	0	7	0	2	0	1	0	3	0	10
12:00 - 13:00	1	0	0	0	1	0	1	1	1	0	3	0	4
BREAK													
15:00 - 16:00	3	1	2	0	6	0	0	1	1	0	2	0	8
16:00 - 17:00	6	1	4	0	11	0	1	1	2	0	4	0	15
17:00 - 18:00	1	0	2	0	3	0	0	1	1	0	2	0	5
GRAND TOTAL	18	5	15	0	38	0	6	7	11	0	24	0	62

Traffic Count Summary

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Rte 400 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	133	3	0	137	0	4	80	1	0	85	0	222
08:00 - 09:00	0	109	5	0	114	0	1	61	0	0	62	0	176
09:00 - 10:00	2	48	2	0	52	0	2	55	0	0	57	0	109
BREAK													
11:00 - 12:00	2	46	0	0	48	0	3	42	0	0	45	0	93
12:00 - 13:00	0	58	1	0	59	0	1	49	0	0	50	0	109
BREAK													
15:00 - 16:00	4	57	3	0	64	0	2	124	1	0	127	0	191
16:00 - 17:00	4	78	1	0	83	0	5	145	2	0	152	0	235
17:00 - 18:00	0	72	3	0	75	0	3	107	2	0	112	0	187
GRAND TOTAL	13	601	18	0	632	0	21	663	6	0	690	0	1322

[illegible]

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	1	1	0	2		0	0	0	0	0		0	0	0	0	0	0		
11:30	2	0	1	0	3		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:00	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	4	1	3	0	8		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - MacDonald Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
15:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
16:15	2	1	0	0	3	1	0	0	0	1	0	0	0	0	0	0
16:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	2	8	0	18	2	0	0	0	2	0	0	0	0	0	0
GRAND TOTAL	16	5	15	0	36	2	0	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - Leclerc Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	2	3	0	7	0	1	2	0	3	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	1	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:45	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	3	1	2	0	6		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - Leclerc Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	3	4	0	8	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	6	6	9	0	21	0	1	2	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	45	0	0	45	0	1	0	0	1	0	0	0	0	0	0
07:15	0	31	0	0	31	0	0	1	0	1	0	0	0	0	0	0
07:30	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	0
07:45	1	24	2	0	27	0	5	0	0	5	0	0	0	0	0	0
08:00	0	27	1	0	28	0	1	0	0	1	0	0	0	0	0	0
08:15	0	26	2	0	28	0	2	0	0	2	0	0	0	0	0	0
08:30	0	26	1	0	27	0	2	0	0	2	0	0	0	0	0	0
08:45	0	24	0	0	24	0	1	1	0	2	0	0	0	0	0	0
09:00	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
09:15	0	11	2	0	13	0	0	0	0	0	0	0	0	0	0	0
09:30	2	10	0	0	12	0	1	0	0	1	0	0	0	0	0	0
09:45	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	3	272	8	0	283	0	18	2	0	20	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	12	0	0	13	0	1	0	0	1	0	0	0	0	0	0
11:15	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
11:30	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
11:45	1	9	0	0	10	0	1	0	0	1	0	0	0	0	0	0
12:00	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0
12:15	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
12:30	0	18	0	0	18	0	1	0	0	1	0	0	0	0	0	0
12:45	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	98	1	0	101	0	6	0	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	2	11	2	0	15	1	1	0	0	2	0	0	0	0	0	0
15:15	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
15:30	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
15:45	1	16	1	0	18	0	1	0	0	1	0	0	0	0	0	0
16:00	1	27	1	0	29	0	1	0	0	1	0	0	0	0	0	0
16:15	3	22	0	0	25	0	2	0	0	2	0	0	0	0	0	0
16:30	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
16:45	0	18	0	0	18	0	0	0	0	0	0	0	0	0	0	0
17:00	0	28	1	0	29	0	0	0	0	0	0	0	0	0	0	0
17:15	0	21	1	0	22	0	1	0	0	1	0	0	0	0	0	0
17:30	0	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0
17:45	0	13	0	0	13	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	7	200	7	0	214	1	7	0	0	8	0	0	0	0	0	0
GRAND TOTAL	12	570	16	0	598	1	31	2	0	34	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	12	1	0	14	0	1	0	0	1	0	0	0	0	0	0
07:15	1	19	0	0	20	0	5	0	0	5	0	0	0	0	0	0
07:30	0	25	0	0	25	1	1	0	0	2	0	0	0	0	0	0
07:45	1	16	0	0	17	0	1	0	0	1	0	0	0	0	0	0
08:00	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
08:15	0	19	0	0	19	0	3	0	0	3	0	0	0	0	0	0
08:30	0	12	0	0	12	0	2	0	0	2	0	0	0	0	0	0
08:45	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
09:00	0	13	0	0	13	0	2	0	0	2	0	0	0	0	0	0
09:15	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
09:30	1	17	0	0	18	0	2	0	0	2	0	0	0	0	0	0
09:45	1	8	0	0	9	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	6	177	1	0	184	1	19	0	0	20	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	2	11	0	0	13	0	3	0	0	3	0	0	0	0	0	0
11:15	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
11:30	1	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0
11:45	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
12:00	0	16	0	0	16	0	1	0	0	1	0	0	0	0	0	0
12:15	1	7	0	0	8	0	2	0	0	2	0	0	0	0	0	0
12:30	0	9	0	0	9	0	1	0	0	1	0	0	0	0	0	0
12:45	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	4	81	0	0	85	0	10	0	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
 Site Code: 2416900008
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	22	0	0	23	0	0	0	0	0	0	0	0	0	0	0
15:15	0	31	0	0	31	0	6	1	0	7	0	0	0	0	0	0
15:30	1	28	0	0	29	0	2	0	0	2	0	0	0	0	0	0
15:45	0	33	0	0	33	0	2	0	0	2	0	0	0	0	0	0
16:00	3	38	1	0	42	0	2	0	0	2	0	0	0	0	0	0
16:15	0	29	1	0	30	0	4	0	0	4	0	0	0	0	0	0
16:30	2	38	0	0	40	0	0	0	0	0	0	0	0	0	0	0
16:45	0	34	0	0	34	0	0	0	0	0	0	0	0	0	0	0
17:00	1	26	0	0	27	0	0	0	0	0	0	0	0	0	0	0
17:15	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	0
17:30	2	32	1	0	35	0	0	0	0	0	0	0	0	0	0	0
17:45	0	15	1	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	10	359	4	0	373	0	17	1	0	18	0	0	0	0	0	0
GRAND TOTAL	20	617	5	0	642	1	46	1	0	48	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	5	6	11
	0	2	2
	0	0	0
Totals	5	8	13

MacDonald Rd








	0	0	0	0
	0	0	0	0
	1	1	3	0
Totals	1	1	3	0

East Approach

	Out	In	Total
	128	75	203
	9	10	19
	0	0	0
Totals	137	85	222

Rte 400








				Totals
	0	0	0	0
	0	1	3	4
	0	8	72	80
	0	0	1	1

Peds: 0






Peds: 0








Rte 400

Totals			
	0	0	0
	3	2	1
	133	125	8
	1	1	0

Peds: 0




West Approach

	Out	In	Total
	76	126	202
	9	8	17
	0	0	0
Totals	85	134	219


Totals				
	0	1	0	0
	0	0	2	0
	0	0	0	0

Leclerc Rd

South Approach

	Out	In	Total
	1	3	4
	2	0	2
	0	0	0
Totals	3	3	6

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach MacDonald Rd						South Approach Leclerc Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	0	1	0	0	0	1	0	1	0	0	0	1	0	46	0	0	0	46	1	13	1	0	0	15	63
07:15	0	0	1	0	0	1	0	0	1	0	0	1	0	31	1	0	0	32	1	24	0	0	0	25	59
07:30	0	0	0	0	0	0	0	0	1	0	0	1	0	27	0	0	0	27	1	26	0	0	0	27	55
07:45	3	0	0	0	0	3	0	0	0	0	0	0	1	29	2	0	0	32	1	17	0	0	0	18	53
Grand Total	3	1	1	0	0	5	0	1	2	0	0	3	1	133	3	0	0	137	4	80	1	0	0	85	230
Approach %	60	20	20	0	-	-	0	33.3	66.7	0	-	-	0.7	97.1	2.2	0	-	-	4.7	94.1	1.2	0	-	-	-
Totals %	1.3	0.4	0.4	0	-	2.2	0	0.4	0.9	0	-	1.3	0.4	57.8	1.3	0	-	59.6	1.7	34.8	0.4	0	-	37	-
PHF	0.25	0.25	0.25	0	-	0.42	0	0.25	0.5	0	-	0.75	0.25	0.72	0.38	0	-	0.74	1	0.77	0.25	0	-	0.79	0.91
Cars	3	1	1	0	-	5	0	1	0	0	-	1	1	125	2	0	-	128	3	72	1	0	-	76	210
% Cars	100	100	100	0	-	100	0	100	0	0	-	33.3	100	94	66.7	0	-	93.4	75	90	100	0	-	89.4	91.3
Trucks	0	0	0	0	-	0	0	0	2	0	-	2	0	8	1	0	-	9	1	8	0	0	-	9	20
% Trucks	0	0	0	0	-	0	0	0	100	0	-	66.7	0	6	33.3	0	-	6.6	25	10	0	0	-	10.6	8.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:45:00
To: 12:45:00




Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	2	3	5
	0	0	0
	0	0	0
	2	3	5

MacDonald Rd








	0	0	0	0
	0	0	0	0
	1	0	1	0
Totals	1	0	1	0

East Approach

	Out	In	Total
	62	46	108
	3	5	8
	0	0	0
	65	51	116

Rte 400








				Totals
	0	0	0	0
	0	0	1	1
	0	5	44	49
	0	0	0	0

Peds: 0






Peds: 0








Rte 400

Totals			
	0	0	0
	1	1	0
	63	60	3
	1	1	0

Peds: 0




West Approach

	Out	In	Total
	45	62	107
	5	3	8
	0	0	0
	50	65	115


				
Totals	1	1	1	0
	1	1	1	0
	0	0	0	0
	0	0	0	0

Leclerc Rd

South Approach

	Out	In	Total
	3	1	4
	0	0	0
	0	0	0
	3	1	4

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:45 - 12:45)

Start Time	North Approach MacDonald Rd						South Approach Leclerc Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:45	0	0	1	0	0	1	1	0	0	0	0	1	1	10	0	0	0	11	0	13	0	0	0	13	26
12:00	1	0	0	0	0	1	0	0	0	0	0	0	0	14	1	0	0	15	0	17	0	0	0	17	33
12:15	0	0	0	0	0	0	0	1	0	0	0	1	0	20	0	0	0	20	1	9	0	0	0	10	31
12:30	0	0	0	0	0	0	0	0	1	0	0	1	0	19	0	0	0	19	0	10	0	0	0	10	30
Grand Total	1	0	1	0	0	2	1	1	1	0	0	3	1	63	1	0	0	65	1	49	0	0	0	50	120
Approach %	50	0	50	0	-	-	33.3	33.3	33.3	0	-	-	1.5	96.9	1.5	0	-	-	2	98	0	0	-	-	-
Totals %	0.8	0	0.8	0	-	1.7	0.8	0.8	0.8	0	-	2.5	0.8	52.5	0.8	0	-	54.2	0.8	40.8	0	0	-	41.7	-
PHF	0.25	0	0.25	0	-	0.5	0.25	0.25	0.25	0	-	0.75	0.25	0.79	0.25	0	-	0.81	0.25	0.72	0	0	-	0.74	0.91
Cars	1	0	1	0	-	2	1	1	1	0	-	3	1	60	1	0	-	62	1	44	0	0	-	45	112
% Cars	100	0	100	0	-	100	100	100	100	0	-	100	100	95.2	100	0	-	95.4	100	89.8	0	0	-	90	93.3
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	3	0	0	-	3	0	5	0	0	-	5	8
% Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	4.8	0	0	-	4.6	0	10.2	0	0	-	10	6.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	11	9	20
	1	0	1
	0	0	0
Totals	12	9	21

MacDonald Rd








	0	0	0	0
	0	0	1	0
	4	1	6	0
Totals	4	1	7	0

East Approach

	Out	In	Total
	79	146	225
	5	9	14
	0	0	0
Totals	84	155	239

Rte 400

				Totals
	0	0	0	0
	0	0	5	5
	0	8	138	146
	0	0	2	2








Peds: 0






Peds: 0








Peds: 0

Rte 400

Totals			
	0	0	0
	2	2	0
	77	72	5
	5	5	0




West Approach

	Out	In	Total
	145	77	222
	8	5	13
	0	0	0
Totals	153	82	235


Totals				
	1	2	2	0
	0	0	0	0
	0	0	0	0

Leclerc Rd

South Approach

	Out	In	Total
	5	8	13
	0	0	0
	0	0	0
Totals	5	8	13

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & MacDonald Rd - Leclerc Rd
Site Code: 2416900008
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach MacDonald Rd						South Approach Leclerc Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	1	0	1	0	0	2	0	1	0	0	0	1	1	17	1	0	0	19	0	35	0	0	0	35	57
16:00	2	0	3	0	0	5	0	0	1	0	0	1	1	28	1	0	0	30	3	40	1	0	0	44	80
16:15	3	1	0	0	0	4	0	1	1	0	0	2	3	24	0	0	0	27	0	33	1	0	0	34	67
16:30	1	0	0	0	0	1	1	0	0	0	0	1	0	8	0	0	0	8	2	38	0	0	0	40	50
Grand Total	7	1	4	0	0	12	1	2	2	0	0	5	5	77	2	0	0	84	5	146	2	0	0	153	254
Approach %	58.3	8.3	33.3	0	-	-	20	40	40	0	-	-	6	91.7	2.4	0	-	-	3.3	95.4	1.3	0	-	-	-
Totals %	2.8	0.4	1.6	0	-	4.7	0.4	0.8	0.8	0	-	2	2	30.3	0.8	0	-	33.1	2	57.5	0.8	0	-	60.2	-
PHF	0.58	0.25	0.33	0	-	0.6	0.25	0.5	0.5	0	-	0.63	0.42	0.69	0.5	0	-	0.7	0.42	0.91	0.5	0	-	0.87	0.79
Cars	6	1	4	0	-	11	1	2	2	0	-	5	5	72	2	0	-	79	5	138	2	0	-	145	240
% Cars	85.7	100	100	0	-	91.7	100	100	100	0	-	100	100	93.5	100	0	-	94	100	94.5	100	0	-	94.8	94.5
Trucks	1	0	0	0	-	1	0	0	0	0	-	0	0	5	0	0	-	5	0	8	0	0	-	8	14
% Trucks	14.3	0	0	0	-	8.3	0	0	0	0	-	0	0	6.5	0	0	-	6	0	5.5	0	0	-	5.2	5.5
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

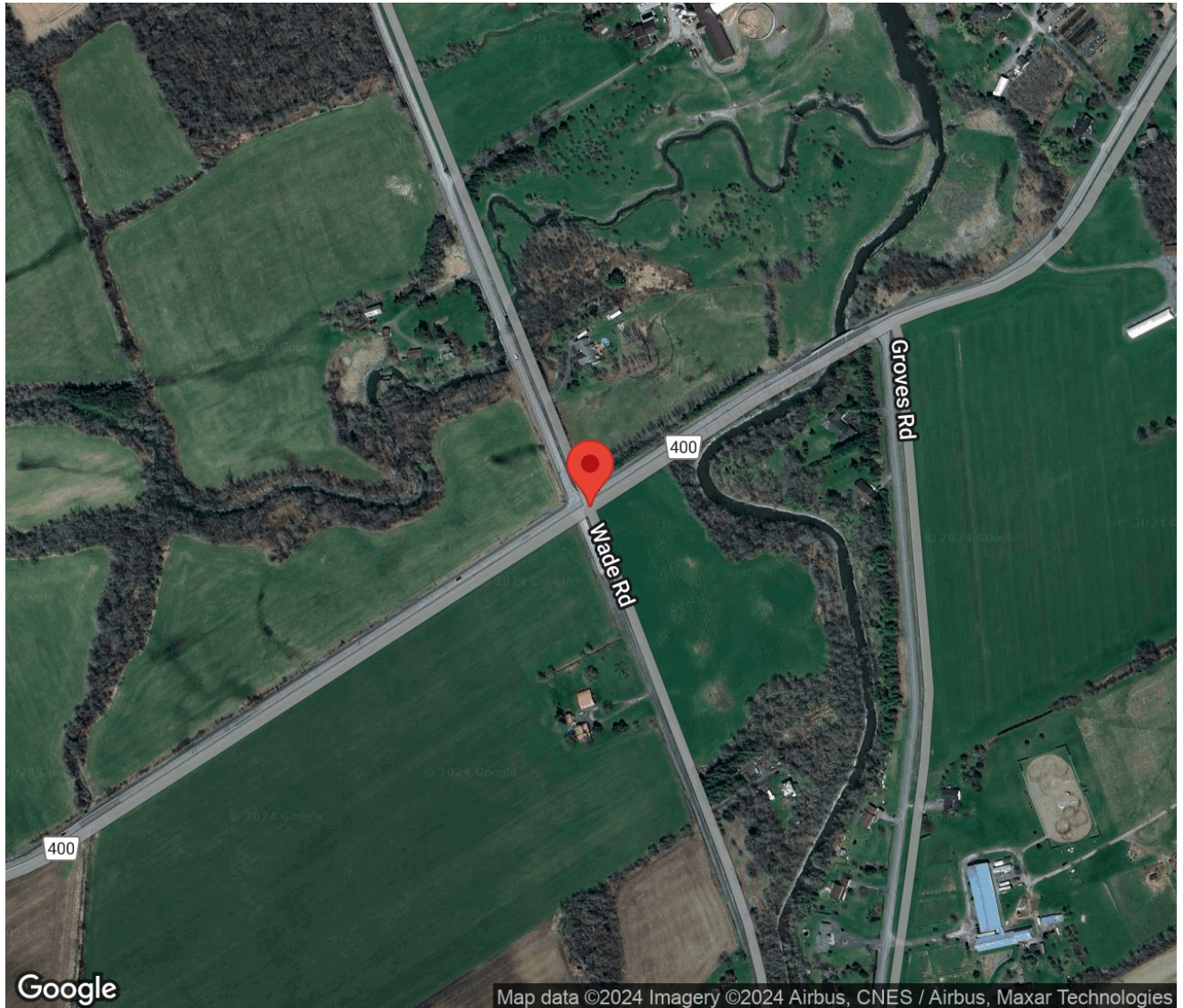
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Rte 400 & Wade Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900009
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Rte 400 & Wade Rd
Site Code:	2416900009
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

Wade Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	8	0	8	0	16	0	0	0	0	0	0	0	16
08:00 - 09:00	9	0	5	0	14	0	1	0	0	0	1	0	15
09:00 - 10:00	10	0	7	0	17	0	0	0	1	0	1	0	18
BREAK													
11:00 - 12:00	9	0	9	0	18	0	0	0	1	0	1	0	19
12:00 - 13:00	8	1	10	0	19	0	0	0	1	0	1	0	20
BREAK													
15:00 - 16:00	17	3	8	0	28	0	0	0	2	0	2	0	30
16:00 - 17:00	19	2	16	0	37	0	0	0	1	0	1	0	38
17:00 - 18:00	6	1	14	0	21	0	0	0	0	0	0	0	21
GRAND TOTAL	86	7	77	0	170	0	1	0	6	0	7	0	177

Traffic Count Summary

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

Rte 400 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	72	13	0	86	0	9	54	2	0	65	0	151
08:00 - 09:00	2	45	13	0	60	0	9	39	0	0	48	0	108
09:00 - 10:00	3	46	14	2	65	0	9	29	1	0	39	0	104
BREAK													
11:00 - 12:00	2	40	4	0	46	0	8	47	3	0	58	0	104
12:00 - 13:00	2	29	8	0	39	0	7	49	0	0	56	0	95
BREAK													
15:00 - 16:00	1	59	8	0	68	0	13	55	0	0	68	0	136
16:00 - 17:00	0	68	14	0	82	0	13	91	1	0	105	0	187
17:00 - 18:00	0	62	17	0	79	0	11	67	1	0	79	0	158
GRAND TOTAL	11	421	91	2	525	0	79	431	8	0	518	0	1043

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
07:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
07:45	1	0	5	0	6	2	0	0	0	2	0	0	0	0	0	0
08:00	2	0	3	0	5	1	0	0	0	1	0	0	0	0	0	0
08:15	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
08:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:45	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
09:00	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
09:15	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	4	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0
09:45	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	24	0	20	0	44	3	0	0	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	4	0	2	0	6	1	0	0	0	1	0	0	0	0	0	0
11:15	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
11:30	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
12:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	0	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0
12:30	4	0	2	0	6	0	0	0	0	0	0	0	0	0	0	0
12:45	3	0	5	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	16	1	19	0	36	1	0	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	4	1	2	0	7	3	0	0	0	3	0	0	0	0	0	0
15:15	1	0	1	0	2	1	1	0	0	2	0	0	0	0	0	0
15:30	2	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0
15:45	6	0	3	0	9	0	0	1	0	1	0	0	0	0	0	0
16:00	6	0	1	0	7	0	0	0	0	0	0	0	0	0	0	0
16:15	3	1	5	0	9	0	0	0	0	0	0	0	0	0	0	0
16:30	5	0	6	0	11	0	0	0	0	0	0	0	0	0	0	0
16:45	5	1	4	0	10	0	0	0	0	0	0	0	0	0	0	0
17:00	3	0	6	0	9	0	0	0	0	0	0	0	0	0	0	0
17:15	1	1	4	0	6	0	0	0	0	0	0	0	0	0	0	0
17:30	2	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	38	5	37	0	80	4	1	1	0	6	0	0	0	0	0	0
GRAND TOTAL	78	6	76	0	160	8	1	1	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0

[illegible]

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Wade Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	0	6	0	6	1	0	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	15	0	0	16	0	1	0	0	1	0	0	0	0	0	0
07:15	0	12	1	0	13	0	1	2	0	3	0	0	0	0	0	0
07:30	0	19	4	0	23	0	3	3	0	6	0	0	0	0	0	0
07:45	0	21	3	0	24	0	0	0	0	0	0	0	0	0	0	0
08:00	0	15	1	0	16	0	0	0	0	0	0	0	0	0	0	0
08:15	0	12	4	0	16	0	1	0	0	1	0	0	0	0	0	0
08:30	0	8	2	0	10	1	0	1	0	2	0	0	0	0	0	0
08:45	1	7	5	0	13	0	2	0	0	2	0	0	0	0	0	0
09:00	0	11	4	0	15	0	0	1	0	1	0	0	0	0	0	0
09:15	2	10	5	1	18	0	1	1	0	2	0	0	0	0	0	0
09:30	1	13	2	0	16	0	0	0	0	0	0	0	0	0	0	0
09:45	0	10	1	1	12	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	5	153	32	2	192	1	10	8	0	19	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	10	0	0	11	0	2	0	0	2	0	0	0	0	0	0
11:15	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
11:30	1	9	2	0	12	0	0	0	0	0	0	0	0	0	0	0
11:45	0	9	1	0	10	0	3	0	0	3	0	0	0	0	0	0
12:00	0	7	1	0	8	1	1	0	0	2	0	0	0	0	0	0
12:15	0	8	1	0	9	0	1	0	0	1	0	0	0	0	0	0
12:30	0	3	4	0	7	0	0	0	0	0	0	0	0	0	0	0
12:45	1	8	2	0	11	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	3	60	12	0	75	1	9	0	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	13	1	0	15	0	1	0	0	1	0	0	0	0	0	0
15:15	0	14	3	0	17	0	1	0	0	1	0	0	0	0	0	0
15:30	0	8	1	0	9	0	4	0	0	4	0	0	0	0	0	0
15:45	0	16	3	0	19	0	2	0	0	2	0	0	0	0	0	0
16:00	0	14	7	0	21	0	0	0	0	0	0	0	0	0	0	0
16:15	0	17	2	0	19	0	0	0	0	0	0	0	0	0	0	0
16:30	0	22	3	0	25	0	0	0	0	0	0	0	0	0	0	0
16:45	0	14	2	0	16	0	1	0	0	1	0	0	0	0	0	0
17:00	0	11	5	0	16	0	0	0	0	0	0	0	0	0	0	0
17:15	0	22	7	0	29	0	1	0	0	1	0	0	0	0	0	0
17:30	0	15	3	0	18	0	0	0	0	0	0	0	0	0	0	0
17:45	0	12	2	0	14	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	1	178	39	0	218	0	11	0	0	11	0	0	0	0	0	0
GRAND TOTAL	9	391	83	2	485	2	30	8	0	40	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	9	0	0	10	0	1	0	0	1	0	0	0	0	0	0
07:15	1	12	0	0	13	0	0	0	0	0	0	0	0	0	0	0
07:30	5	12	0	0	17	0	3	1	0	4	0	0	0	0	0	0
07:45	2	15	1	0	18	0	2	0	0	2	0	0	0	0	0	0
08:00	4	11	0	0	15	0	5	0	0	5	0	0	0	0	0	0
08:15	2	11	0	0	13	0	0	0	0	0	0	0	0	0	0	0
08:30	0	6	0	0	6	0	1	0	0	1	0	0	0	0	0	0
08:45	3	4	0	0	7	0	1	0	0	1	0	0	0	0	0	0
09:00	5	5	0	0	10	0	1	0	0	1	0	0	0	0	0	0
09:15	2	6	0	0	8	0	1	0	0	1	0	0	0	0	0	0
09:30	2	11	1	0	14	0	1	0	0	1	0	0	0	0	0	0
09:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	27	106	2	0	135	0	16	1	0	17	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	2	9	0	0	11	0	0	0	0	0	0	0	0	0	0	0
11:15	1	15	2	0	18	0	0	0	0	0	0	0	0	0	0	0
11:30	2	12	1	0	15	0	0	0	0	0	0	0	0	0	0	0
11:45	3	11	0	0	14	0	0	0	0	0	0	0	0	0	0	0
12:00	4	9	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:15	1	13	0	0	14	0	1	0	0	1	0	0	0	0	0	0
12:30	1	7	0	0	8	0	3	0	0	3	0	0	0	0	0	0
12:45	1	15	0	0	16	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	15	91	3	0	109	0	5	0	0	5	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	2	8	0	0	10	0	0	0	0	0	0	0	0	0	0	0
15:15	4	10	0	0	14	0	3	0	0	3	0	0	0	0	0	0
15:30	3	19	0	0	22	2	1	0	0	3	0	0	0	0	0	0
15:45	2	14	0	0	16	0	0	0	0	0	0	0	0	0	0	0
16:00	2	21	0	0	23	0	1	0	0	1	0	0	0	0	0	0
16:15	1	26	1	0	28	0	1	0	0	1	0	0	0	0	0	0
16:30	4	21	0	0	25	0	3	0	0	3	0	0	0	0	0	0
16:45	6	18	0	0	24	0	0	0	0	0	0	0	0	0	0	0
17:00	2	14	0	0	16	0	0	0	0	0	0	0	0	0	0	0
17:15	3	18	0	0	21	0	1	0	0	1	0	0	0	0	0	0
17:30	4	17	0	0	21	0	0	0	0	0	0	0	0	0	0	0
17:45	2	17	1	0	20	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	35	203	2	0	240	2	10	0	0	12	0	0	0	0	0	0
GRAND TOTAL	77	400	7	0	484	2	31	1	0	34	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024

Weather conditions: Clear



**** Unsignalized Intersection ****




Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	17	25	42
	3	3	6
	0	0	0
Totals	20	28	48

Wade Rd








	0	0	0	0
	0	0	3	0
	9	0	8	0
Totals	9	0	11	0

East Approach

	Out	In	Total
	79	57	136
	7	13	20
	0	0	0
Totals	86	70	156

Rte 400

				Totals
	0	0	0	0
	0	0	13	13
	0	10	49	59
	0	1	1	2

Peds: 0










Peds: 0




Peds: 0








Peds: 0

Rte 400

Totals			
	0	0	0
	15	12	3
	71	67	4
	0	0	0




West Approach

	Out	In	Total
	63	76	139
	11	4	15
	0	0	0
Totals	74	80	154


Totals				
	0	0	0	0
	0	0	0	0
	0	0	0	0

Wade Rd

South Approach

	Out	In	Total
	0	1	1
	0	1	1
	0	0	0
Totals	0	2	2

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach Wade Rd						South Approach Wade Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	2	0	0	0	0	2	0	0	0	0	0	0	0	22	7	0	0	29	5	15	1	0	0	21	52
07:45	3	0	5	0	0	8	0	0	0	0	0	0	0	21	3	0	0	24	2	17	1	0	0	20	52
08:00	3	0	3	0	0	6	0	0	0	0	0	0	0	15	1	0	0	16	4	16	0	0	0	20	42
08:15	3	0	1	0	0	4	0	0	0	0	0	0	0	13	4	0	0	17	2	11	0	0	0	13	34
Grand Total	11	0	9	0	0	20	0	0	0	0	0	0	0	71	15	0	0	86	13	59	2	0	0	74	180
Approach %	55	0	45	0	-	-	0	0	0	0	-	-	0	82.6	17.4	0	-	-	17.6	79.7	2.7	0	-	-	-
Totals %	6.1	0	5	0	-	11.1	0	0	0	0	-	0	0	39.4	8.3	0	-	47.8	7.2	32.8	1.1	0	-	41.1	-
PHF	0.92	0	0.45	0	-	0.63	0	0	0	0	-	0	0	0.81	0.54	0	-	0.74	0.65	0.87	0.5	0	-	0.88	0.87
Cars	8	0	9	0	-	17	0	0	0	0	-	0	0	67	12	0	-	79	13	49	1	0	-	63	159
% Cars	72.7	0	100	0	-	85	0	0	0	0	-	0	0	94.4	80	0	-	91.9	100	83.1	50	0	-	85.1	88.3
Trucks	3	0	0	0	-	3	0	0	0	0	-	0	0	4	3	0	-	7	0	10	1	0	-	11	21
% Trucks	27.3	0	0	0	-	15	0	0	0	0	-	0	0	5.6	20	0	-	8.1	0	16.9	50	0	-	14.9	11.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:00:00
To: 12:00:00




Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	17	12	29
	1	0	1
	0	0	0
Totals	18	12	30

Wade Rd








	0	0	0	0
	0	0	1	0
	9	0	8	0
Totals	9	0	9	0

East Approach

	Out	In	Total
	40	56	96
	6	1	7
	0	0	0
Totals	46	57	103

Rte 400

				Totals
	0	0	0	0
	0	0	8	8
	0	0	47	47
	0	0	3	3








Peds: 0






Peds: 0








Peds: 0

Rte 400

Totals			
	0	0	0
	4	4	0
	40	34	6
	2	2	0




West Approach

	Out	In	Total
	58	43	101
	0	6	6
	0	0	0
Totals	58	49	107


Totals				
	0	0	1	0
	0	0	0	0
	0	0	0	0

Wade Rd

South Approach

	Out	In	Total
	1	5	6
	0	0	0
	0	0	0
Totals	1	5	6

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:00 - 12:00)

Start Time	North Approach Wade Rd						South Approach Wade Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:00	5	0	2	0	0	7	0	0	1	0	0	1	1	12	0	0	0	13	2	9	0	0	0	11	32
11:15	1	0	2	0	0	3	0	0	0	0	0	0	0	7	1	0	0	8	1	15	2	0	0	18	29
11:30	2	0	3	0	0	5	0	0	0	0	0	0	1	9	2	0	0	12	2	12	1	0	0	15	32
11:45	1	0	2	0	0	3	0	0	0	0	0	0	0	12	1	0	0	13	3	11	0	0	0	14	30
Grand Total	9	0	9	0	0	18	0	0	1	0	0	1	2	40	4	0	0	46	8	47	3	0	0	58	123
Approach %	50	0	50	0	-	-	0	0	100	0	-	-	4.3	87	8.7	0	-	-	13.8	81	5.2	0	-	-	-
Totals %	7.3	0	7.3	0	-	14.6	0	0	0.8	0	-	0.8	1.6	32.5	3.3	0	-	37.4	6.5	38.2	2.4	0	-	47.2	-
PHF	0.45	0	0.75	0	-	0.64	0	0	0.25	0	-	0.25	0.5	0.83	0.5	0	-	0.88	0.67	0.78	0.38	0	-	0.81	0.96
Cars	8	0	9	0	-	17	0	0	1	0	-	1	2	34	4	0	-	40	8	47	3	0	-	58	116
% Cars	88.9	0	100	0	-	94.4	0	0	100	0	-	100	100	85	100	0	-	87	100	100	100	0	-	100	94.3
Trucks	1	0	0	0	-	1	0	0	0	0	-	0	0	6	0	0	-	6	0	0	0	0	-	0	7
% Trucks	11.1	0	0	0	-	5.6	0	0	0	0	-	0	0	15	0	0	-	13	0	0	0	0	-	0	5.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 400 runs E/W

North Approach




	Out	In	Total
	37	27	64
	0	0	0
	0	0	0
Totals	37	27	64

Wade Rd




	0	0	0	0
	0	0	0	0
	16	2	19	0
Totals	16	2	19	0










East Approach

	Out	In	Total
	81	106	187
	1	5	6
	0	0	0
Totals	82	111	193

Rte 400

				Totals
	0	0	0	0
	0	0	13	13
	0	5	86	91
	0	0	1	1

Peds: 0










Peds: 0

Peds: 0




Peds: 0





Rte 400




Totals			
0	0	0	0
14	14	0	0
68	67	1	0
0	0	0	0

West Approach




	Out	In	Total
	100	83	183
	5	1	6
	0	0	0
Totals	105	84	189

Totals				
0	0	0	1	0


	0	0	1	0
	0	0	0	0
	0	0	0	0

Wade Rd

South Approach

	Out	In	Total
	1	3	4
	0	0	0
	0	0	0
Totals	1	3	4

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Wade Rd
Site Code: 2416900009
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

	North Approach Wade Rd						South Approach Wade Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicl es	
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total		
16:00	6	0	1	0	0	7	0	0	0	0	0	0	0	14	7	0	0	0	21	2	22	0	0	0	24	52
16:15	3	1	5	0	0	9	0	0	0	0	0	0	0	17	2	0	0	0	19	1	27	1	0	0	29	57
16:30	5	0	6	0	0	11	0	0	0	0	0	0	0	22	3	0	0	0	25	4	24	0	0	0	28	64
16:45	5	1	4	0	0	10	0	0	1	0	0	1	0	15	2	0	0	0	17	6	18	0	0	0	24	52
Grand Total	19	2	16	0	0	37	0	0	1	0	0	1	0	68	14	0	0	0	82	13	91	1	0	0	105	225
Approach %	51.4	5.4	43.2	0	-	-	0	0	100	0	-	-	0	82.9	17.1	0	-	-	-	12.4	86.7	1	0	-	-	
Totals %	8.4	0.9	7.1	0	-	16.4	0	0	0.4	0	-	0.4	0	30.2	6.2	0	-	36.4	5.8	40.4	0.4	0	-	46.7		
PHF	0.79	0.5	0.67	0	-	0.84	0	0	0.25	0	-	0.25	0	0.77	0.5	0	-	0.82	0.54	0.84	0.25	0	-	0.91	0.88	
Cars	19	2	16	0	-	37	0	0	1	0	-	1	0	67	14	0	-	81	13	86	1	0	-	100	219	
% Cars	100	100	100	0	-	100	0	0	100	0	-	100	0	98.5	100	0	-	98.8	100	94.5	100	0	-	95.2	97.3	
Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	1	0	0	-	1	0	5	0	0	-	5	6	
% Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	1.5	0	0	-	1.2	0	5.5	0	0	-	4.8	2.7	
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0	
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0	

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection:	Rte 400 & Ste. Catherine Rd
Municipality:	Russell Twp
Count Date:	Thursday, Apr 25, 2024
Site Code:	2416900010
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-10:00, 11:00-13:00, 15:00-18:00
Weather:	Clear
Comments:	

Traffic Count Map

Intersection:	Rte 400 & Ste. Catherine Rd
Site Code:	2416900010
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Rte 400 & Ste. Catherine Rd
 Site Code: 2416900010
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Ste. Catherine Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	2	0	1	0	3	0	3
08:00 - 09:00	0	0	0	0	0	0	2	0	2	0	4	0	4
09:00 - 10:00	0	0	0	0	0	0	0	0	2	0	2	1	2
BREAK													
11:00 - 12:00	0	0	0	0	0	0	0	0	3	0	3	0	3
12:00 - 13:00	0	0	0	0	0	0	3	0	6	0	9	0	9
BREAK													
15:00 - 16:00	0	0	0	0	0	0	0	0	1	0	1	0	1
16:00 - 17:00	0	0	0	0	0	0	3	0	3	0	6	0	6
17:00 - 18:00	0	0	0	0	0	0	2	0	1	0	3	0	3
GRAND TOTAL	0	0	0	0	0	0	12	0	19	0	31	1	31

Traffic Count Summary













Intersection: Rte 400 & Ste. Catherine Rd
 Site Code: 2416900010
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Rte 400 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	75	0	0	77	0	0	58	2	0	60	0	137
08:00 - 09:00	3	60	0	0	63	0	0	55	3	0	58	0	121
09:00 - 10:00	1	61	0	0	62	0	0	38	1	0	39	0	101
BREAK													
11:00 - 12:00	2	48	0	0	50	0	0	64	1	0	65	0	115
12:00 - 13:00	4	37	0	0	41	0	0	51	0	0	51	0	92
BREAK													
15:00 - 16:00	2	68	0	0	70	0	0	74	2	0	76	0	146
16:00 - 17:00	2	81	0	0	83	0	0	102	1	0	103	0	186
17:00 - 18:00	2	75	0	0	77	0	0	77	3	0	80	0	157
GRAND TOTAL	18	505	0	0	523	0	0	519	13	0	532	0	1055

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
07:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
07:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
08:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
09:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		

	Cars					Trucks					Bicycles					
Start Time					Total					Total					Total	Total Peds
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Ste. Catherine Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0
07:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	3	0	5	0	8	1	0	0	0	1	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Ste. Catherine Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↪	Total	←	↑	→	↪	Total	←	↑	→	↪	Total	
11:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
12:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	2	0	8	0	10	1	0	1	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Ste. Catherine Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	2	0	3	0	0	1	0	1	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	5	0	4	0	9	0	0	1	0	1	0	0	0	0	0	0
GRAND TOTAL	10	0	17	0	27	2	0	2	0	4	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0
07:15	1	10	0	0	11	1	1	0	0	2	0	0	0	0	0	0
07:30	0	24	0	0	24	0	3	0	0	3	0	0	0	0	0	0
07:45	0	22	0	0	22	0	0	0	0	0	0	0	0	0	0	0
08:00	1	16	0	0	17	0	2	0	0	2	0	0	0	0	0	0
08:15	0	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0
08:30	2	8	0	0	10	0	2	0	0	2	0	0	0	0	0	0
08:45	0	15	0	0	15	0	3	0	0	3	0	0	0	0	0	0
09:00	0	13	0	0	13	1	2	0	0	3	0	0	0	0	0	0
09:15	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
09:30	0	17	0	0	17	0	1	0	0	1	0	0	0	0	0	0
09:45	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	180	0	0	184	2	16	0	0	18	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	15	0	0	16	0	1	0	0	1	0	0	0	0	0	0
11:15	1	7	0	0	8	0	2	0	0	2	0	0	0	0	0	0
11:30	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
11:45	0	12	0	0	12	0	7	0	0	7	0	0	0	0	0	0
12:00	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
12:15	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
12:30	1	12	0	0	13	0	0	0	0	0	0	0	0	0	0	0
12:45	1	10	0	0	11	1	1	0	0	2	0	0	0	0	0	0
SUBTOTAL	5	74	0	0	79	1	11	0	0	12	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	14	0	0	14	0	3	0	0	3	0	0	0	0	0	0
15:15	0	16	0	0	16	0	2	0	0	2	0	0	0	0	0	0
15:30	2	11	0	0	13	0	3	0	0	3	0	0	0	0	0	0
15:45	0	17	0	0	17	0	2	0	0	2	0	0	0	0	0	0
16:00	0	18	0	0	18	0	0	0	0	0	0	0	0	0	0	0
16:15	1	21	0	0	22	0	0	0	0	0	0	0	0	0	0	0
16:30	0	26	0	0	26	0	0	0	0	0	0	0	0	0	0	0
16:45	1	15	0	0	16	0	1	0	0	1	0	0	0	0	0	0
17:00	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
17:15	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
17:30	0	19	0	0	19	0	1	0	0	1	0	0	0	0	0	0
17:45	1	12	0	0	13	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	6	210	0	0	216	0	14	0	0	14	0	0	0	0	0	0
GRAND TOTAL	15	464	0	0	479	3	41	0	0	44	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
07:15	0	10	1	0	11	0	0	0	0	0	0	0	0	0	0	0
07:30	0	14	1	0	15	0	3	0	0	3	0	0	0	0	0	0
07:45	0	15	0	0	15	0	4	0	0	4	0	0	0	0	0	0
08:00	0	19	0	0	19	0	6	0	0	6	0	0	0	0	0	0
08:15	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0
08:30	0	11	3	0	14	0	1	0	0	1	0	0	0	0	0	0
08:45	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
09:00	0	5	0	0	5	0	2	0	0	2	0	0	0	0	0	0
09:15	0	11	0	0	11	0	3	0	0	3	0	0	0	0	0	0
09:30	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
09:45	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	131	6	0	137	0	20	0	0	20	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	19	0	0	19	0	2	0	0	2	0	0	0	0	0	0
11:15	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0
11:30	0	10	0	0	10	0	1	0	0	1	0	0	0	0	0	0
11:45	0	13	0	0	13	0	0	1	0	1	0	0	0	0	0	0
12:00	0	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0
12:15	0	12	0	0	12	0	1	0	0	1	0	0	0	0	0	0
12:30	0	8	0	0	8	0	2	0	0	2	0	0	0	0	0	0
12:45	0	14	0	0	14	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	107	0	0	107	0	8	1	0	9	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Rte 400

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	11	0	0	11	0	0	2	0	2	0	0	0	0	0	0
15:15	0	15	0	0	15	0	3	0	0	3	0	0	0	0	0	0
15:30	0	28	0	0	28	0	1	0	0	1	0	0	0	0	0	0
15:45	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
16:00	0	26	0	0	26	0	1	0	0	1	0	0	0	0	0	0
16:15	0	26	1	0	27	0	1	0	0	1	0	1	0	0	1	0
16:30	0	23	0	0	23	0	3	0	0	3	0	0	0	0	0	0
16:45	0	21	0	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	0	22	1	0	23	0	0	0	0	0	0	0	0	0	0	0
17:15	0	16	0	0	16	0	0	0	0	0	0	1	0	0	1	0
17:30	0	21	2	0	23	0	0	0	0	0	0	0	0	0	0	0
17:45	0	17	0	0	17	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	242	4	0	246	0	9	2	0	11	0	2	0	0	2	0
GRAND TOTAL	0	480	10	0	490	0	37	3	0	40	0	2	0	0	2	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: Rte 400 runs E/W



North Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0




Ste. Catherine Rd

	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0













East Approach

	Out	In	Total
	74	59	133
	7	13	20
	0	0	0
	81	72	153

Rte 400

				Totals
	0	0	0	0
	0	0	0	0
	0	13	58	71
	0	0	2	2

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 400

Totals			
0	0	0	0
0	0	0	0
78	72	6	0
3	2	1	0




West Approach

	Out	In	Total
	60	74	134
	13	7	20
	0	0	0
	73	81	154


Totals				
	3	0	1	0
	2	0	1	0
	1	0	0	0
	0	0	0	0

Ste. Catherine Rd

South Approach

	Out	In	Total
	3	4	7
	1	1	2
	0	0	0
	4	5	9

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Ste. Catherine Rd						South Approach Ste. Catherine Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	0	0	0	0	0	0	1	0	1	0	0	2	2	11	0	0	0	13	0	10	1	0	0	11	26
07:30	0	0	0	0	0	0	1	0	0	0	0	1	0	27	0	0	0	27	0	17	1	0	0	18	46
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	22	0	19	0	0	0	19	41
08:00	0	0	0	0	0	0	1	0	0	0	0	1	1	18	0	0	0	19	0	25	0	0	0	25	45
Grand Total	0	0	0	0	0	0	3	0	1	0	0	4	3	78	0	0	0	81	0	71	2	0	0	73	158
Approach %	0	0	0	0	-	-	75	0	25	0	-	-	3.7	96.3	0	0	-	-	0	97.3	2.7	0	-	-	-
Totals %	0	0	0	0	0	0	1.9	0	0.6	0	2.5	1.9	49.4	0	0	51.3	0	44.9	1.3	0	46.2	0	0	0	0
PHF	0	0	0	0	0	0	0.75	0	0.25	0	0.5	0.38	0.72	0	0	0.75	0	0.71	0.5	0	0.73	0.86	0	0	0.86
Cars	0	0	0	0	0	0	2	0	1	0	3	2	72	0	0	74	0	58	2	0	60	137	0	0	137
% Cars	0	0	0	0	0	0	66.7	0	100	0	75	66.7	92.3	0	0	91.4	0	81.7	100	0	82.2	86.7	0	0	86.7
Trucks	0	0	0	0	0	0	1	0	0	0	1	1	6	0	0	7	0	13	0	0	13	21	0	0	21
% Trucks	0	0	0	0	0	0	33.3	0	0	0	25	33.3	7.7	0	0	8.6	0	18.3	0	0	17.8	13.3	0	0	13.3
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-				0	-	0	0
% Peds					0	-					0	-					0	-				0	-	0	0

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:00:00
To: 12:00:00




Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024

Weather conditions: Clear


**** Unsignalized Intersection ****



Major Road: Rte 400 runs E/W

North Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0




Ste. Catherine Rd

	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0













East Approach

	Out	In	Total
	40	63	103
	10	4	14
	0	0	0
	50	67	117

Rte 400

				Totals
	0	0	0	0
	0	0	0	0
	0	3	61	64
	0	1	0	1

Peds: 0




Peds: 0







Peds: 0




Peds: 0




Rte 400

Totals			
0	0	0	0
0	0	0	0
48	38	10	0
2	2	0	0




West Approach

	Out	In	Total
	61	38	99
	4	10	14
	0	0	0
	65	48	113


Totals	0	0	3	0
	0	0	2	0
	0	0	1	0
	0	0	0	0

Ste. Catherine Rd

South Approach

	Out	In	Total
	2	2	4
	1	1	2
	0	0	0
	3	3	6

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:00 - 12:00)

Start Time	North Approach Ste. Catherine Rd						South Approach Ste. Catherine Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:00	0	0	0	0	0	0	0	0	1	0	0	1	1	16	0	0	0	17	0	21	0	0	0	21	39
11:15	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	10	0	19	0	0	0	19	29
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	11	0	0	0	11	15
11:45	0	0	0	0	0	0	0	0	2	0	0	2	0	19	0	0	0	19	0	13	1	0	0	14	35
Grand Total	0	0	0	0	0	0	0	0	3	0	0	3	2	48	0	0	0	50	0	64	1	0	0	65	118
Approach %	0	0	0	0	-	-	0	0	100	0	-	-	4	96	0	0	-	-	0	98.5	1.5	0	-	-	-
Totals %	0	0	0	0	0	0	0	0	2.5	0	2.5	2.5	1.7	40.7	0	0	42.4	42.4	0	54.2	0.8	0	55.1	55.1	55.1
PHF	0	0	0	0	0	0	0	0	0.38	0	0.38	0.38	0.5	0.63	0	0	0.66	0.66	0	0.76	0.25	0	0.77	0.77	0.76
Cars	0	0	0	0	0	0	0	0	2	0	2	2	2	38	0	0	40	40	0	61	0	0	61	61	103
% Cars	0	0	0	0	0	0	0	0	66.7	0	66.7	66.7	100	79.2	0	0	80	80	0	95.3	0	0	93.8	93.8	87.3
Trucks	0	0	0	0	0	0	0	0	1	0	1	0	0	10	0	0	10	10	0	3	1	0	4	4	15
% Trucks	0	0	0	0	0	0	0	0	33.3	0	33.3	33.3	0	20.8	0	0	20	20	0	4.7	100	0	6.2	6.2	12.7
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	0

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****

Major Road: Rte 400 runs E/W

North Approach

	Out	In	Total
	0	0	0
	0	0	0
	0	0	0
	0	0	0




Ste. Catherine Rd

	0	0	0	0
	0	0	0	0
	0	0	0	0
Totals	0	0	0	0













East Approach

	Out	In	Total
	82	98	180
	1	6	7
	0	1	1
	83	105	188

Rte 400

				Totals
	0	0	0	0
	0	0	0	0
	1	5	96	102
	0	0	1	1

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 400

Totals			
0	0	0	0
0	0	0	0
81	80	1	0
2	2	0	0




West Approach

	Out	In	Total
	97	83	180
	5	1	6
	1	0	1
	103	84	187


Totals				
	3	0	3	0
	3	0	2	0
	0	0	1	0
	0	0	0	0

Ste. Catherine Rd

South Approach

	Out	In	Total
	5	3	8
	1	0	1
	0	0	0
	6	3	9

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 400 & Ste. Catherine Rd
Site Code: 2416900010
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach Ste. Catherine Rd						South Approach Ste. Catherine Rd						East Approach Rte 400						West Approach Rte 400						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	18	0	27	0	0	0	27	45
16:15	0	0	0	0	0	0	2	0	0	0	0	2	1	21	0	0	0	22	0	28	1	0	0	29	53
16:30	0	0	0	0	0	0	1	0	3	0	0	4	0	26	0	0	0	26	0	26	0	0	0	26	56
16:45	0	0	0	0	0	0	0	0	0	0	0	0	1	16	0	0	0	17	0	21	0	0	0	21	38
Grand Total	0	0	0	0	0	0	3	0	3	0	0	6	2	81	0	0	0	83	0	102	1	0	0	103	192
Approach %	0	0	0	0	-	-	50	0	50	0	-	-	2.4	97.6	0	0	-	-	0	99	1	0	-	-	-
Totals %	0	0	0	0	0	0	1.6	0	1.6	0	3.1	3.1	1	42.2	0	0	43.2	43.2	0	53.1	0.5	0	53.6	53.6	53.6
PHF	0	0	0	0	0	0	0.38	0	0.25	0	0.38	0.38	0.5	0.78	0	0	0.8	0.8	0	0.91	0.25	0	0.89	0.89	0.86
Cars	0	0	0	0	0	0	3	0	2	0	5	5	2	80	0	0	82	82	0	96	1	0	97	97	184
% Cars	0	0	0	0	0	0	100	0	66.7	0	83.3	83.3	100	98.8	0	0	98.8	98.8	0	94.1	100	0	94.2	94.2	95.8
Trucks	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	1	1	0	5	0	0	5	5	7
% Trucks	0	0	0	0	0	0	0	0	33.3	0	16.7	16.7	0	1.2	0	0	1.2	1.2	0	4.9	0	0	4.9	4.9	3.6
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.5
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	-

Project #24-169 – Morrison Hershfield

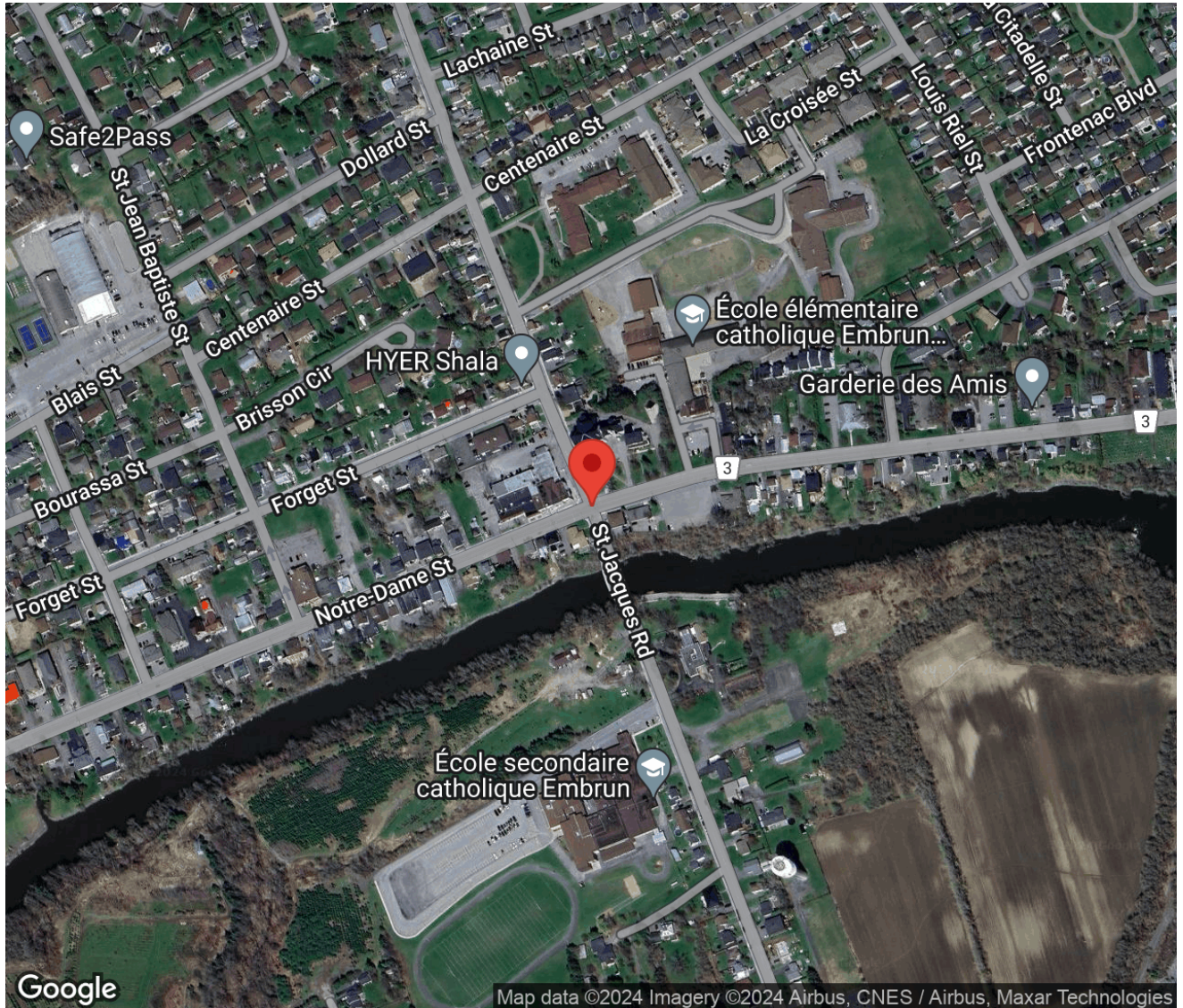
Intersection Count Report

Intersection: St. Augustin Rd & Notre-Dame St
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900018
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	St. Augustin Rd & Notre-Dame St
Site Code:	2416900018
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Augustin Rd - Traffic Summary

North Approach Totals							South Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	36	64	27	0	127	9	24	49	33	0	106	2	233
08:00 - 09:00	28	75	35	0	138	8	31	70	39	0	140	0	278
09:00 - 10:00	31	23	41	0	95	5	23	22	23	0	68	0	163
BREAK													
11:00 - 12:00	24	28	39	0	91	3	22	21	24	0	67	1	158
12:00 - 13:00	47	32	29	0	108	7	21	23	15	0	59	0	167
BREAK													
15:00 - 16:00	66	38	42	0	146	6	27	38	44	0	109	2	255
16:00 - 17:00	82	58	57	0	197	6	19	40	35	0	94	5	291
17:00 - 18:00	72	39	49	0	160	12	19	32	19	0	70	3	230
GRAND TOTAL	386	357	319	0	1062	56	186	295	232	0	713	13	1775

Traffic Count Summary

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Notre-Dame St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	53	223	46	0	322	0	15	113	27	0	155	10	477
08:00 - 09:00	36	207	46	0	289	2	17	149	36	0	202	9	491
09:00 - 10:00	23	247	30	0	300	0	24	165	20	0	209	6	509
BREAK													
11:00 - 12:00	30	205	28	0	263	4	25	198	39	0	262	73	525
12:00 - 13:00	14	215	30	0	259	0	39	218	23	0	280	0	539
BREAK													
15:00 - 16:00	34	253	43	0	330	0	38	293	20	0	351	10	681
16:00 - 17:00	23	254	65	0	342	2	46	397	42	0	485	8	827
17:00 - 18:00	26	233	41	0	300	3	33	330	41	0	404	7	704
GRAND TOTAL	239	1837	329	0	2405	11	237	1863	248	0	2348	123	4753

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	7	7	8	0	22	0	0	0	0	0	0	0	0	0	0	0
07:15	10	6	3	0	19	0	1	1	0	2	0	0	0	0	0	0
07:30	14	12	7	0	33	0	0	1	0	1	0	0	0	0	0	1
07:45	5	37	7	0	49	0	1	0	0	1	0	0	0	0	0	8
08:00	5	54	7	0	66	0	0	0	0	0	0	0	0	0	0	6
08:15	9	9	10	0	28	1	1	0	0	2	0	0	0	0	0	0
08:30	7	4	9	0	20	1	2	1	0	4	0	0	0	0	0	0
08:45	5	5	8	0	18	0	0	0	0	0	0	0	0	0	0	2
09:00	14	7	16	0	37	1	3	2	0	6	0	0	0	0	0	2
09:15	4	6	7	0	17	0	0	1	0	1	0	0	0	0	0	0
09:30	7	6	5	0	18	0	0	0	0	0	0	0	0	0	0	0
09:45	5	1	10	0	16	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	92	154	97	0	343	3	8	6	0	17	0	0	0	0	0	22

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	9	5	13	0	27	1	0	0	0	1	0	0	0	0	0	1
11:15	5	8	8	0	21	0	0	0	0	0	0	0	0	0	0	0
11:30	3	8	7	0	18	1	0	0	0	1	0	0	0	0	0	0
11:45	5	7	11	0	23	0	0	0	0	0	0	0	0	0	0	2
12:00	12	7	8	0	27	0	0	0	0	0	0	0	0	0	0	0
12:15	10	8	4	0	22	2	0	0	0	2	0	0	0	0	0	3
12:30	14	8	8	0	30	0	0	0	0	0	0	0	0	0	0	1
12:45	9	9	9	0	27	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	67	60	68	0	195	4	0	0	0	4	0	0	0	0	0	10

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	6	6	13	0	25	0	1	0	0	1	0	0	0	0	0	0
15:15	21	3	6	0	30	1	2	0	0	3	0	0	0	0	0	1
15:30	20	5	10	0	35	0	3	0	0	3	0	0	0	0	0	4
15:45	18	18	13	0	49	0	0	0	0	0	0	0	0	0	0	1
16:00	14	12	13	0	39	1	0	0	0	1	0	0	0	0	0	1
16:15	15	20	12	0	47	0	0	0	0	0	0	0	0	0	0	0
16:30	24	14	10	0	48	1	0	1	0	2	0	0	0	0	0	1
16:45	27	12	21	0	60	0	0	0	0	0	0	0	0	0	0	4
17:00	22	14	17	0	53	0	0	0	0	0	0	0	0	0	0	3
17:15	20	11	12	0	43	1	0	0	0	1	0	0	0	0	0	3
17:30	15	5	10	0	30	0	0	1	0	1	0	0	0	0	0	1
17:45	14	9	9	0	32	0	0	0	0	0	0	0	0	0	0	5
SUBTOTAL	216	129	146	0	491	4	6	2	0	12	0	0	0	0	0	24
GRAND TOTAL	375	343	311	0	1029	11	14	8	0	33	0	0	0	0	0	56

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	3	4	6	0	13	0	2	0	0	2	0	0	0	0	0	0
07:15	6	7	4	0	17	1	3	1	0	5	0	0	0	0	0	0
07:30	5	14	8	0	27	0	2	0	0	2	0	0	0	0	0	0
07:45	9	17	14	0	40	0	0	0	0	0	0	0	0	0	0	2
08:00	10	42	19	0	71	0	1	2	0	3	0	0	0	0	0	0
08:15	4	8	7	0	19	2	0	0	0	2	0	0	0	0	0	0
08:30	8	8	5	0	21	0	1	0	0	1	0	0	0	0	0	0
08:45	7	8	4	0	19	0	2	2	0	4	0	0	0	0	0	0
09:00	5	5	4	0	14	1	0	0	0	1	0	0	0	0	0	0
09:15	3	5	7	0	15	0	0	0	0	0	0	0	0	0	0	0
09:30	8	7	4	0	19	0	0	0	0	0	0	0	0	0	0	0
09:45	6	5	8	0	19	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	74	130	90	0	294	4	11	5	0	20	0	0	0	0	0	2

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	9	4	5	0	18	0	0	0	0	0	0	0	0	0	0	1
11:15	3	3	2	0	8	0	0	0	0	0	0	0	0	0	0	0
11:30	7	7	12	0	26	0	0	0	0	0	0	0	0	0	0	0
11:45	3	7	5	0	15	0	0	0	0	0	0	0	0	0	0	0
12:00	3	9	4	0	16	0	0	0	0	0	0	0	0	0	0	0
12:15	7	5	5	0	17	0	0	0	0	0	0	0	0	0	0	0
12:30	5	5	3	0	13	0	0	0	0	0	0	0	0	0	0	0
12:45	5	4	3	0	12	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	42	44	39	0	125	1	0	0	0	1	0	0	0	0	0	1

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Augustin Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	5	9	7	0	21	0	3	1	0	4	0	0	0	0	0	0
15:15	6	8	12	0	26	0	0	0	0	0	0	0	0	0	0	0
15:30	7	4	10	0	21	1	0	2	0	3	0	0	0	0	0	2
15:45	8	14	12	0	34	0	0	0	0	0	0	0	0	0	0	0
16:00	3	8	7	0	18	0	0	0	0	0	0	0	0	0	0	0
16:15	4	16	13	0	33	0	0	1	0	1	0	0	0	0	0	1
16:30	6	6	7	0	19	1	0	0	0	1	0	0	0	0	0	2
16:45	5	10	7	0	22	0	0	0	0	0	0	0	0	0	0	2
17:00	8	7	6	0	21	0	0	0	0	0	0	0	0	0	0	1
17:15	2	8	4	0	14	0	0	0	0	0	0	0	0	0	0	2
17:30	1	9	6	0	16	0	0	0	0	0	0	0	0	0	0	0
17:45	8	8	3	0	19	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	63	107	94	0	264	2	3	4	0	9	0	0	0	0	0	10
GRAND TOTAL	179	281	223	0	683	7	14	9	0	30	0	0	0	0	0	13

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	4	45	6	0	55	1	0	0	0	1	0	0	0	0	0	0
07:15	5	56	12	0	73	2	4	1	0	7	0	0	0	0	0	0
07:30	8	53	13	0	74	0	3	0	0	3	0	0	0	0	0	0
07:45	30	60	14	0	104	3	2	0	0	5	0	0	0	0	0	0
08:00	24	52	12	0	88	0	4	0	0	4	0	0	0	0	0	0
08:15	3	46	11	0	60	0	2	0	0	2	0	0	0	0	0	1
08:30	5	44	11	0	60	0	2	1	0	3	0	0	0	0	0	1
08:45	2	56	11	0	69	2	1	0	0	3	0	0	0	0	0	0
09:00	6	66	9	0	81	2	3	1	0	6	0	0	0	0	0	0
09:15	9	46	4	0	59	0	3	1	0	4	0	0	0	0	0	0
09:30	4	75	6	0	85	0	1	0	0	1	0	0	0	0	0	0
09:45	2	49	9	0	60	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	102	648	118	0	868	10	29	4	0	43	0	0	0	0	0	2

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	49	8	0	57	1	2	0	0	3	0	0	0	0	0	4
11:15	6	51	5	0	62	0	3	0	0	3	0	0	0	0	0	0
11:30	14	44	6	0	64	0	3	0	0	3	0	0	0	0	0	0
11:45	9	49	9	0	67	0	4	0	0	4	0	0	0	0	0	0
12:00	1	51	3	0	55	0	4	0	0	4	0	0	0	0	0	0
12:15	3	52	12	0	67	0	2	0	0	2	0	0	0	0	0	0
12:30	6	51	7	0	64	0	0	0	0	0	0	0	0	0	0	0
12:45	3	53	8	0	64	1	2	0	0	3	0	0	0	0	0	0
SUBTOTAL	42	400	58	0	500	2	20	0	0	22	0	0	0	0	0	4

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	8	50	11	0	69	0	5	0	0	5	0	0	0	0	0	0
15:15	7	63	12	0	82	0	4	0	0	4	0	0	0	0	0	0
15:30	8	57	13	0	78	0	4	0	0	4	0	0	0	0	0	0
15:45	10	68	7	0	85	1	2	0	0	3	0	0	0	0	0	0
16:00	9	59	19	0	87	0	3	1	0	4	0	0	0	0	0	0
16:15	2	61	15	0	78	0	0	1	0	1	0	0	0	0	0	1
16:30	5	59	16	0	80	0	2	0	0	2	0	0	0	0	0	0
16:45	7	66	13	0	86	0	4	0	0	4	0	0	0	0	0	1
17:00	6	52	17	0	75	0	0	0	0	0	0	0	0	0	0	0
17:15	7	70	12	0	89	0	1	0	0	1	0	0	0	0	0	3
17:30	4	45	10	0	59	0	0	0	0	0	0	0	0	0	0	0
17:45	9	64	2	0	75	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	82	714	147	0	943	1	26	2	0	29	0	0	0	0	0	5
GRAND TOTAL	226	1762	323	0	2311	13	75	6	0	94	0	0	0	0	0	11

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	18	2	0	21	1	1	0	0	2	0	0	0	0	0	0
07:15	3	29	4	0	36	0	1	0	0	1	0	0	0	0	0	0
07:30	4	25	6	0	35	0	2	0	0	2	0	0	0	0	0	1
07:45	5	32	13	0	50	1	5	2	0	8	0	0	0	0	0	9
08:00	5	37	18	0	60	0	2	2	0	4	0	0	0	0	0	8
08:15	3	41	4	0	48	0	4	0	0	4	0	0	0	0	0	1
08:30	2	37	6	0	45	0	1	0	0	1	0	0	0	0	0	0
08:45	7	26	5	0	38	0	1	1	0	2	0	0	0	0	0	0
09:00	9	30	5	0	44	0	2	0	0	2	0	0	0	0	0	2
09:15	6	33	4	0	43	0	1	1	0	2	0	0	0	0	0	2
09:30	4	50	4	0	58	0	2	0	0	2	0	0	0	0	0	2
09:45	5	46	6	0	57	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	54	404	77	0	535	2	23	6	0	31	0	0	0	0	0	25

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
 Site Code: 2416900018
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↪	Total	←	↑	→	↪	Total	←	↑	→	↪	Total	
11:00	10	58	5	0	73	0	1	0	0	1	0	0	0	0	0	39
11:15	3	40	15	0	58	0	2	0	0	2	0	0	0	0	0	14
11:30	4	51	12	0	67	0	0	1	0	1	0	0	0	0	0	20
11:45	8	44	6	0	58	0	2	0	0	2	0	0	0	0	0	0
12:00	12	45	9	0	66	0	1	0	0	1	0	0	0	0	0	0
12:15	8	53	5	0	66	0	2	0	0	2	0	0	0	0	0	0
12:30	11	61	3	0	75	0	3	0	0	3	0	0	0	0	0	0
12:45	8	51	6	0	65	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	64	403	61	0	528	0	13	1	0	14	0	0	0	0	0	73

Traffic Count Data

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	6	72	3	0	81	0	2	0	0	2	0	0	0	0	0	3
15:15	13	71	3	0	87	2	1	0	0	3	0	0	0	0	0	2
15:30	10	73	9	0	92	0	0	0	0	0	0	0	0	0	0	1
15:45	6	73	5	0	84	1	1	0	0	2	0	0	0	0	0	4
16:00	10	90	8	0	108	0	0	0	0	0	0	0	0	0	0	1
16:15	7	97	18	0	122	1	4	0	0	5	0	0	0	0	0	4
16:30	15	102	8	0	125	0	0	0	0	0	0	0	0	0	0	1
16:45	13	101	8	0	122	0	3	0	0	3	0	0	0	0	0	2
17:00	11	114	12	0	137	0	0	0	0	0	0	0	0	0	0	0
17:15	7	70	9	0	86	0	0	0	0	0	0	0	0	0	0	4
17:30	8	75	4	0	87	0	0	0	0	0	0	0	0	0	0	2
17:45	7	70	16	0	93	0	1	0	0	1	0	0	0	0	0	1
SUBTOTAL	113	1008	103	0	1224	4	12	0	0	16	0	0	0	0	0	25
GRAND TOTAL	231	1815	241	0	2287	6	48	7	0	61	0	0	0	0	0	123

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	176	148	324
	4	4	8
	0	0	0
Totals	180	152	332

St. Augustin Rd








	0	0	0	0
	1	2	1	0
	31	112	33	0
Totals	32	114	34	0

East Approach

	Out	In	Total
	326	216	542
	14	16	30
	0	0	0
Totals	340	232	572

Notre-Dame St

				Totals
	0	0	0	0
	0	1	17	18
	0	13	135	148
	0	4	41	45

Peds: 15








Peds: 19






Peds: 1









Peds: 2

Notre-Dame St

Totals			
	0	0	0
	50	50	0
	222	211	11
	68	65	3




West Approach

	Out	In	Total
	193	270	463
	18	14	32
	0	0	0
Totals	211	284	495


Totals				
	30	84	50	0
	28	81	48	0
	2	3	2	0
	0	0	0	0

St. Augustin Rd

South Approach

	Out	In	Total
	157	218	375
	7	9	16
	0	0	0
Totals	164	227	391

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	14	12	8	0	1	34	5	16	8	0	0	29	8	56	13	0	0	77	4	27	6	0	1	37	177
07:45	5	38	7	0	8	50	9	17	14	0	2	40	33	62	14	0	0	109	6	37	15	0	9	58	257
08:00	5	54	7	0	6	66	10	43	21	0	0	74	24	56	12	0	0	92	5	39	20	0	8	64	296
08:15	10	10	10	0	0	30	6	8	7	0	0	21	3	48	11	0	1	62	3	45	4	0	1	52	165
Grand Total	34	114	32	0	15	180	30	84	50	0	2	164	68	222	50	0	1	340	18	148	45	0	19	211	895
Approach %	18.9	63.3	17.8	0	-	-	18.3	51.2	30.5	0	-	-	20	65.3	14.7	0	-	-	8.5	70.1	21.3	0	-	-	-
Totals %	3.8	12.7	3.6	0	20.1	-	3.4	9.4	5.6	0	18.3	-	7.6	24.8	5.6	0	38	-	2	16.5	5	0	23.6	-	-
PHF	0.61	0.53	0.8	0	0.68	-	0.75	0.49	0.6	0	0.55	-	0.52	0.9	0.89	0	0.78	-	0.75	0.82	0.56	0	0.82	0.76	-
Cars	33	112	31	0	-	176	28	81	48	0	-	157	65	211	50	0	-	326	17	135	41	0	-	193	852
% Cars	97.1	98.2	96.9	0	-	97.8	93.3	96.4	96	0	-	95.7	95.6	95	100	0	-	95.9	94.4	91.2	91.1	0	-	91.5	95.2
Trucks	1	2	1	0	-	4	2	3	2	0	-	7	3	11	0	0	-	14	1	13	4	0	-	18	43
% Trucks	2.9	1.8	3.1	0	-	2.2	6.7	3.6	4	0	-	4.3	4.4	5	0	0	-	4.1	5.6	8.8	8.9	0	-	8.5	4.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	15	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	19	-	37
% Peds	-	-	-	-	40.5	-	-	-	-	-	5.4	-	-	-	-	-	2.7	-	-	-	-	-	51.4	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	106	92	198
	2	0	2
	0	0	0
Totals	108	92	200

St. Augustin Rd








	0	0	0	0
	0	0	2	0
	29	32	45	0
Totals	29	32	47	0

East Approach

	Out	In	Total
	250	270	520
	9	10	19
	0	0	0
Totals	259	280	539

Notre-Dame St








				Totals
	0	0	0	0
	0	0	39	39
	0	8	210	218
	0	0	23	23

Peds: 0






Peds: 0








Notre-Dame St

Totals			
	0	0	0
	30	30	0
	215	207	8
	14	13	1

Peds: 0




West Approach

	Out	In	Total
	272	256	528
	8	9	17
	0	0	0
Totals	280	265	545


Totals				
	20	23	15	0
	1	0	0	0
	0	0	0	0

St. Augustin Rd

South Approach

	Out	In	Total
	58	68	126
	1	1	2
	0	0	0
Totals	59	69	128

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	12	7	8	0	0	27	3	9	4	0	0	16	1	55	3	0	0	59	12	46	9	0	0	67	169
12:15	12	8	4	0	3	24	7	5	5	0	0	17	3	54	12	0	0	69	8	55	5	0	0	68	178
12:30	14	8	8	0	1	30	5	5	3	0	0	13	6	51	7	0	0	64	11	64	3	0	0	78	185
12:45	9	9	9	0	3	27	6	4	3	0	0	13	4	55	8	0	0	67	8	53	6	0	0	67	174
Grand Total	47	32	29	0	7	108	21	23	15	0	0	59	14	215	30	0	0	259	39	218	23	0	0	280	706
Approach %	43.5	29.6	26.9	0	-	-	35.6	39	25.4	0	-	-	5.4	83	11.6	0	-	-	13.9	77.9	8.2	0	-	-	-
Totals %	6.7	4.5	4.1	0	-	15.3	3	3.3	2.1	0	-	8.4	2	30.5	4.2	0	-	36.7	5.5	30.9	3.3	0	-	39.7	-
PHF	0.84	0.89	0.81	0	-	0.9	0.75	0.64	0.75	0	-	0.87	0.58	0.98	0.63	0	-	0.94	0.81	0.85	0.64	0	-	0.9	0.95
Cars	45	32	29	0	-	106	20	23	15	0	-	58	13	207	30	0	-	250	39	210	23	0	-	272	686
% Cars	95.7	100	100	0	-	98.1	95.2	100	100	0	-	98.3	92.9	96.3	100	0	-	96.5	100	96.3	100	0	-	97.1	97.2
Trucks	2	0	0	0	-	2	1	0	0	0	-	1	1	8	0	0	-	9	0	8	0	0	-	8	20
% Trucks	4.3	0	0	0	-	1.9	4.8	0	0	0	-	1.7	7.1	3.7	0	0	-	3.5	0	3.7	0	0	-	2.9	2.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	7	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	7
% Peds	-	-	-	-	100	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	208	146	354
	2	2	4
	0	0	0
Totals	210	148	358

St. Augustin Rd








	0	0	0	0
	1	0	1	0
	60	60	88	0
Totals	61	60	89	0

East Approach

	Out	In	Total
	319	535	854
	7	9	16
	0	0	0
Totals	326	544	870

Notre-Dame St

				Totals
	0	0	0	0
	0	1	46	47
	0	7	414	421
	0	0	46	46








Peds: 7






Peds: 8








Peds: 2

Notre-Dame St

Totals			
	0	0	0
	62	61	1
	244	238	6
	20	20	0




West Approach

	Out	In	Total
	506	321	827
	8	8	16
	0	0	0
Totals	514	329	843


Totals				
	23	39	33	0
	1	0	1	0
	0	0	0	0

St. Augustin Rd

South Approach

	Out	In	Total
	95	126	221
	2	0	2
	0	0	0
Totals	97	126	223

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Augustin Rd & Notre-Dame St
Site Code: 2416900018
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach St. Augustin Rd						South Approach St. Augustin Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15	15	20	12	0	0	47	4	16	14	0	1	34	2	61	16	0	1	79	8	101	18	0	4	127	287
16:30	25	14	11	0	1	50	7	6	7	0	2	20	5	61	16	0	0	82	15	102	8	0	1	125	277
16:45	27	12	21	0	4	60	5	10	7	0	2	22	7	70	13	0	1	90	13	104	8	0	2	125	297
17:00	22	14	17	0	3	53	8	7	6	0	1	21	6	52	17	0	0	75	11	114	12	0	0	137	286
Grand Total	89	60	61	0	8	210	24	39	34	0	6	97	20	244	62	0	2	326	47	421	46	0	7	514	1147
Approach %	42.4	28.6	29	0	-	-	24.7	40.2	35.1	0	-	-	6.1	74.8	19	0	-	-	9.1	81.9	8.9	0	-	-	-
Totals %	7.8	5.2	5.3	0	-	18.3	2.1	3.4	3	0	-	8.5	1.7	21.3	5.4	0	-	28.4	4.1	36.7	4	0	-	44.8	-
PHF	0.82	0.75	0.73	0	-	0.88	0.75	0.61	0.61	0	-	0.71	0.71	0.87	0.91	0	-	0.91	0.78	0.92	0.64	0	-	0.94	0.97
Cars	88	60	60	0	-	208	23	39	33	0	-	95	20	238	61	0	-	319	46	414	46	0	-	506	1128
% Cars	98.9	100	98.4	0	-	99	95.8	100	97.1	0	-	97.9	100	97.5	98.4	0	-	97.9	97.9	98.3	100	0	-	98.4	98.3
Trucks	1	0	1	0	-	2	1	0	1	0	-	2	0	6	1	0	-	7	1	7	0	0	-	8	19
% Trucks	1.1	0	1.6	0	-	1	4.2	0	2.9	0	-	2.1	0	2.5	1.6	0	-	2.1	2.1	1.7	0	0	-	1.6	1.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	8	-	-	-	-	-	6	-	-	-	-	-	2	-	-	-	-	-	7	-	23
% Peds	-	-	-	-	34.8	-	-	-	-	-	26.1	-	-	-	-	-	8.7	-	-	-	-	-	30.4	-	-

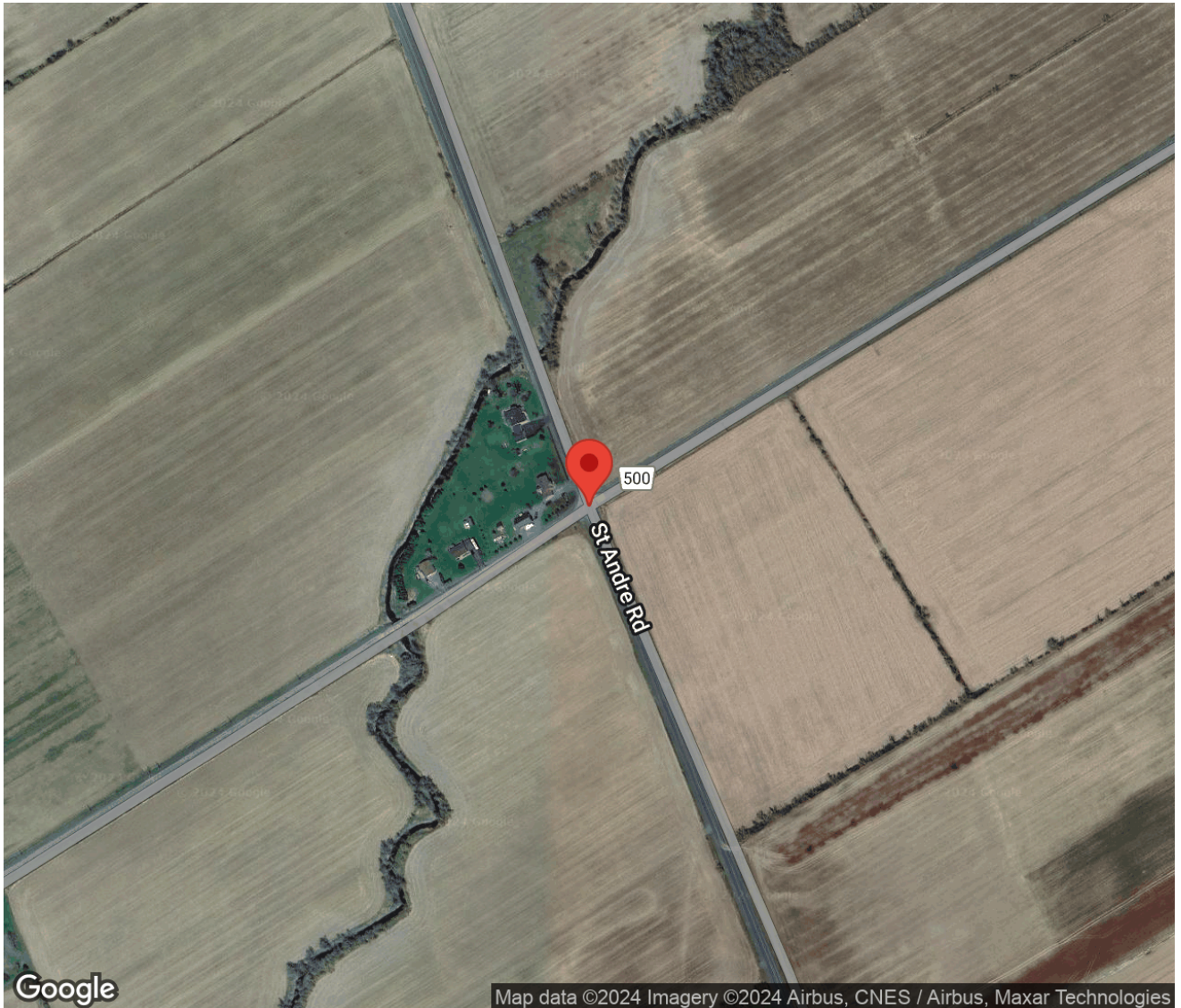
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection:	Rte 500 & St. Andre Rd
Municipality:	Russell Twp
Count Date:	Wednesday, Apr 24, 2024
Site Code:	2416900011
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-10:00, 11:00-13:00, 15:00-18:00
Weather:	Clear
Comments:	

Traffic Count Map

Intersection:	Rte 500 & St. Andre Rd
Site Code:	2416900011
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

St. Andre Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	14	1	0	17	0	1	27	0	0	28	0	45
08:00 - 09:00	1	20	1	0	22	0	0	21	0	0	21	0	43
09:00 - 10:00	0	24	1	0	25	0	1	17	0	0	18	0	43
BREAK													
11:00 - 12:00	0	37	1	0	38	0	1	23	0	0	24	0	62
12:00 - 13:00	2	19	1	0	22	0	1	23	0	0	24	0	46
BREAK													
15:00 - 16:00	4	45	4	0	53	0	2	20	0	0	22	0	75
16:00 - 17:00	3	48	6	0	57	0	0	25	0	0	25	0	82
17:00 - 18:00	3	42	0	0	45	0	2	21	0	0	23	0	68
GRAND TOTAL	15	249	15	0	279	0	8	177	0	0	185	0	464

Traffic Count Summary

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

Rte 500 - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	1	2	1	0	4	0	2	2	1	0	5	0	9
08:00 - 09:00	0	0	2	0	2	0	0	1	1	0	2	0	4
09:00 - 10:00	0	0	0	0	0	0	1	0	1	0	2	0	2
BREAK													
11:00 - 12:00	0	0	1	0	1	0	0	0	0	0	0	0	1
12:00 - 13:00	0	0	1	0	1	0	0	1	0	0	1	0	2
BREAK													
15:00 - 16:00	0	0	1	0	1	0	2	1	1	0	4	0	5
16:00 - 17:00	0	2	1	0	3	0	3	2	1	0	6	0	9
17:00 - 18:00	0	2	1	0	3	0	0	0	1	0	1	0	4
GRAND TOTAL	1	6	8	0	15	0	8	7	6	0	21	0	36

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
07:30	1	3	1	0	5	0	1	0	0	1	0	0	0	0	0	0
07:45	0	4	0	0	4	1	0	0	0	1	0	0	0	0	0	0
08:00	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0
08:15	0	8	0	0	8	1	0	0	0	1	0	0	0	0	0	0
08:30	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
08:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:00	0	1	1	0	2	0	2	0	0	2	0	0	0	0	0	0
09:15	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
09:45	0	7	0	0	7	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	1	50	3	0	54	2	8	0	0	10	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	3	0	0	3	0	4	0	0	4	0	0	0	0	0	0
11:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
11:30	0	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0
11:45	0	6	1	0	7	0	1	0	0	1	0	0	0	0	0	0
12:00	2	6	0	0	8	0	1	0	0	1	0	0	0	0	0	0
12:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
12:30	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
12:45	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	50	2	0	54	0	6	0	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	11	0	0	11	0	1	0	0	1	0	0	0	0	0	0
15:15	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
15:30	2	9	1	0	12	0	0	1	0	1	0	0	0	0	0	0
15:45	1	14	2	0	17	1	2	0	0	3	0	0	0	0	0	0
16:00	2	12	4	0	18	1	0	0	0	1	0	0	0	0	0	0
16:15	0	7	0	0	7	0	4	0	0	4	0	0	0	0	0	0
16:30	0	13	1	0	14	0	0	0	0	0	0	0	0	0	0	0
16:45	0	11	0	0	11	0	1	1	0	2	0	0	0	0	0	0
17:00	1	13	0	0	14	0	0	0	0	0	0	0	0	0	0	0
17:15	1	14	0	0	15	0	1	0	0	1	0	0	0	0	0	0
17:30	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:45	1	7	0	0	8	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	126	8	0	142	2	9	2	0	13	0	0	0	0	0	0
GRAND TOTAL	11	226	13	0	250	4	23	2	0	29	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
07:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
07:30	1	7	0	0	8	0	1	0	0	1	0	0	0	0	0	0
07:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
08:00	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
08:15	0	7	0	0	7	0	1	0	0	1	0	0	0	0	0	0
08:30	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0
08:45	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
09:00	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:15	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
09:30	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
09:45	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	2	58	0	0	60	0	7	0	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	4	0	0	4	0	2	0	0	2	0	0	0	0	0	0
11:15	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0
11:30	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
11:45	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0
12:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:15	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0
12:30	0	5	0	0	5	0	1	0	0	1	0	0	0	0	0	0
12:45	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	2	43	0	0	45	0	3	0	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
15:15	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
15:30	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
15:45	2	5	0	0	7	0	1	0	0	1	0	0	0	0	0	0
16:00	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	0
16:15	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0
16:30	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	0
16:45	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17:00	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:15	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:30	2	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0
17:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	61	0	0	65	0	5	0	0	5	0	0	0	0	0	0
GRAND TOTAL	8	162	0	0	170	0	15	0	0	15	0	0	0	0	0	0

[illegible]

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	4	2	0	6	0	0	1	0	1	0	0	0	0	0	0
GRAND TOTAL	1	6	6	0	13	0	0	2	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	2	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0
07:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	3	2	0	8	0	0	1	0	1	0	0	0	0	0	0

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
12:30	0	1	0	0	1		0	0	0	0	0		0	0	0	0	0	0		
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	0		
SUBTOTAL	0	1	0	0	1		0	0	0	0	0		0	0	0	0	0	0		

Traffic Count Data

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	2	1	0	0	3	0	0	1	0	1	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:15	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
16:45	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	3	1	0	8	1	0	2	0	3	0	0	0	0	0	0
GRAND TOTAL	7	7	3	0	17	1	0	3	0	4	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St. Andre Rd runs N/S

North Approach




	Out	In	Total
	19	27	46
	4	3	7
	0	0	0
Totals	23	30	53

St. Andre Rd




	0	0	0	0
	0	2	2	0
	1	17	1	0
Totals	1	19	3	0










East Approach

	Out	In	Total
	3	3	6
	0	2	2
	0	0	0
Totals	3	5	8

Rte 500

				Totals
	0	0	0	0
	0	0	2	2
	0	0	2	2
	0	1	1	2

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 500

Totals			
0	0	0	0
0	0	0	0
2	2	0	0
1	1	0	0




West Approach


	Out	In	Total
	5	4	9
	1	0	1
	0	0	0
Totals	6	4	10


Totals				
1	28	0	0	0
	1	25	0	0
	0	3	0	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	26	19	45
	3	3	6
	0	0	0
Totals	29	22	51

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	1	4	1	0	0	6	1	8	0	0	0	9	1	2	0	0	0	3	2	1	1	0	0	4	22
07:45	1	4	0	0	0	5	0	7	0	0	0	7	0	0	0	0	0	0	0	1	0	0	0	1	13
08:00	0	3	0	0	0	3	0	5	0	0	0	5	0	0	0	0	0	0	0	0	1	0	0	1	9
08:15	1	8	0	0	0	9	0	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	17
Grand Total	3	19	1	0	0	23	1	28	0	0	0	29	1	2	0	0	0	3	2	2	2	0	0	6	61
Approach %	13	82.6	4.3	0	-	-	3.4	96.6	0	0	-	-	33.3	66.7	0	0	-	-	33.3	33.3	33.3	0	-	-	-
Totals %	4.9	31.1	1.6	0	-	37.7	1.6	45.9	0	0	-	47.5	1.6	3.3	0	0	-	4.9	3.3	3.3	3.3	0	-	9.8	-
PHF	0.75	0.59	0.25	0	-	0.64	0.25	0.88	0	0	-	0.81	0.25	0.25	0	0	-	0.25	0.25	0.5	0.5	0	-	0.38	0.69
Cars	1	17	1	0	-	19	1	25	0	0	-	26	1	2	0	0	-	3	2	2	1	0	-	5	53
% Cars	33.3	89.5	100	0	-	82.6	100	89.3	0	0	-	89.7	100	100	0	0	-	100	100	100	50	0	-	83.3	86.9
Trucks	2	2	0	0	-	4	0	3	0	0	-	3	0	0	0	0	-	0	0	0	1	0	-	1	8
% Trucks	66.7	10.5	0	0	-	17.4	0	10.7	0	0	-	10.3	0	0	0	0	-	0	0	0	50	0	-	16.7	13.1
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	-
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	0	-

Peak Hour Diagram

Specified Period

From: 11:00:00

To: 13:00:00

One Hour Peak

From: 11:00:00

To: 12:00:00

Intersection: Rte 500 & St. Andre Rd

Site Code: 2416900011

Count Date: Apr 24, 2024




Weather conditions:

Clear




**** Unsignalized Intersection ****





Major Road: St. Andre Rd runs N/S

North Approach




	Out	In	Total
	33	22	55
	5	2	7
	0	0	0
Totals	38	24	62

St. Andre Rd








	0	0	0	0
	0	5	0	0
	1	32	0	0
Totals	1	37	0	0

East Approach

	Out	In	Total
	1	0	1
	0	0	0
	0	0	0
Totals	1	0	1

Rte 500




				Totals
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

Peds: 0













Peds: 0

Rte 500

Totals			
0	0	0	0
1	1	0	0
0	0	0	0
0	0	0	0




West Approach

	Out	In	Total
	0	2	2
	0	0	0
	0	0	0
Totals	0	2	2


				
Totals	1	23	0	0
	1	21	0	0
	0	2	0	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	22	32	54
	2	5	7
	0	0	0
Totals	24	37	61

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:00 - 12:00)

	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicl es			
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total				
11:00	0	7	0	0	0	7	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	13			
11:15	0	7	0	0	0	7	1	6	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14			
11:30	0	16	0	0	0	16	0	3	0	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	20			
11:45	0	7	1	0	0	8	0	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	16			
Grand Total	0	37	1	0	0	38	1	23	0	0	0	24	0	0	1	0	0	1	0	0	0	0	0	0	63			
Approach %	0	97.4	2.6	0		-	4.2	95.8	0	0		-	0	0	100	0		-	0	0	0	0		-				
Totals %	0	58.7	1.6	0		60.3	1.6	36.5	0	0		38.1	0	0	1.6	0		1.6	0	0	0	0		0				
PHF	0	0.58	0.25	0		0.59	0.25	0.72	0	0		0.75	0	0	0.25	0		0.25	0	0	0	0		0	0.79			
Cars	0	32	1	0		33	1	21	0	0		22	0	0	1	0		1	0	0	0	0		0	56			
% Cars	0	86.5	100	0		86.8	100	91.3	0	0		91.7	0	0	100	0		100	0	0	0	0		0	88.9			
Trucks	0	5	0	0		5	0	2	0	0		2	0	0	0	0		0	0	0	0	0		0	7			
% Trucks	0	13.5	0	0		13.2	0	8.7	0	0		8.3	0	0	0	0		0	0	0	0	0		0	11.1			
Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0			
% Bicycles	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0			
Peds						0	-						0	-						0	-						0	-
% Peds						0	-						0	-						0	-						0	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St. Andre Rd runs N/S

North Approach




	Out	In	Total
	56	24	80
	8	3	11
	0	0	0
Totals	64	27	91

St. Andre Rd








	0	0	0	0
	0	6	2	0
	7	46	3	0
Totals	7	52	5	0

East Approach

	Out	In	Total
	2	5	7
	0	2	2
	0	0	0
Totals	2	7	9

Rte 500

				Totals
	0	0	0	0
	0	0	2	2
	0	0	2	2
	0	1	0	1

Peds: 0




Peds: 0






Peds: 0




Peds: 0

Rte 500

Totals			
0	0	0	0
0	0	0	0
2	2	0	0
0	0	0	0




West Approach

	Out	In	Total
	4	11	15
	1	0	1
	0	0	0
Totals	5	11	16


Totals	2	25	0	0
	2	22	0	0
	0	3	0	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	24	46	70
	3	7	10
	0	0	0
Totals	27	53	80

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Andre Rd
Site Code: 2416900011
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	2	16	2	0	0	20	2	6	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	28
16:00	3	12	4	0	0	19	0	5	0	0	0	5	0	0	0	0	0	0	0	1	0	0	0	1	25
16:15	0	11	0	0	0	11	0	5	0	0	0	5	0	2	0	0	0	2	1	1	0	0	0	2	20
16:30	0	13	1	0	0	14	0	9	0	0	0	9	0	0	0	0	0	0	1	0	1	0	0	2	25
Grand Total	5	52	7	0	0	64	2	25	0	0	0	27	0	2	0	0	0	2	2	2	1	0	0	5	98
Approach %	7.8	81.3	10.9	0	-	-	7.4	92.6	0	0	-	-	0	100	0	0	-	-	40	40	20	0	-	-	-
Totals %	5.1	53.1	7.1	0	-	65.3	2	25.5	0	0	-	27.6	0	2	0	0	-	2	2	1	0	-	-	5.1	-
PHF	0.42	0.81	0.44	0	-	0.8	0.25	0.69	0	0	-	0.75	0	0.25	0	0	-	0.25	0.5	0.5	0.25	0	-	0.63	0.88
Cars	3	46	7	0	-	56	2	22	0	0	-	24	0	2	0	0	-	2	2	0	0	-	-	4	86
% Cars	60	88.5	100	0	-	87.5	100	88	0	0	-	88.9	0	100	0	0	-	100	100	0	0	-	-	80	87.8
Trucks	2	6	0	0	-	8	0	3	0	0	-	3	0	0	0	0	-	0	0	1	0	-	-	1	12
% Trucks	40	11.5	0	0	-	12.5	0	12	0	0	-	11.1	0	0	0	0	-	0	0	100	0	-	-	20	12.2
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	0

Project #24-169 – Morrison Hershfield

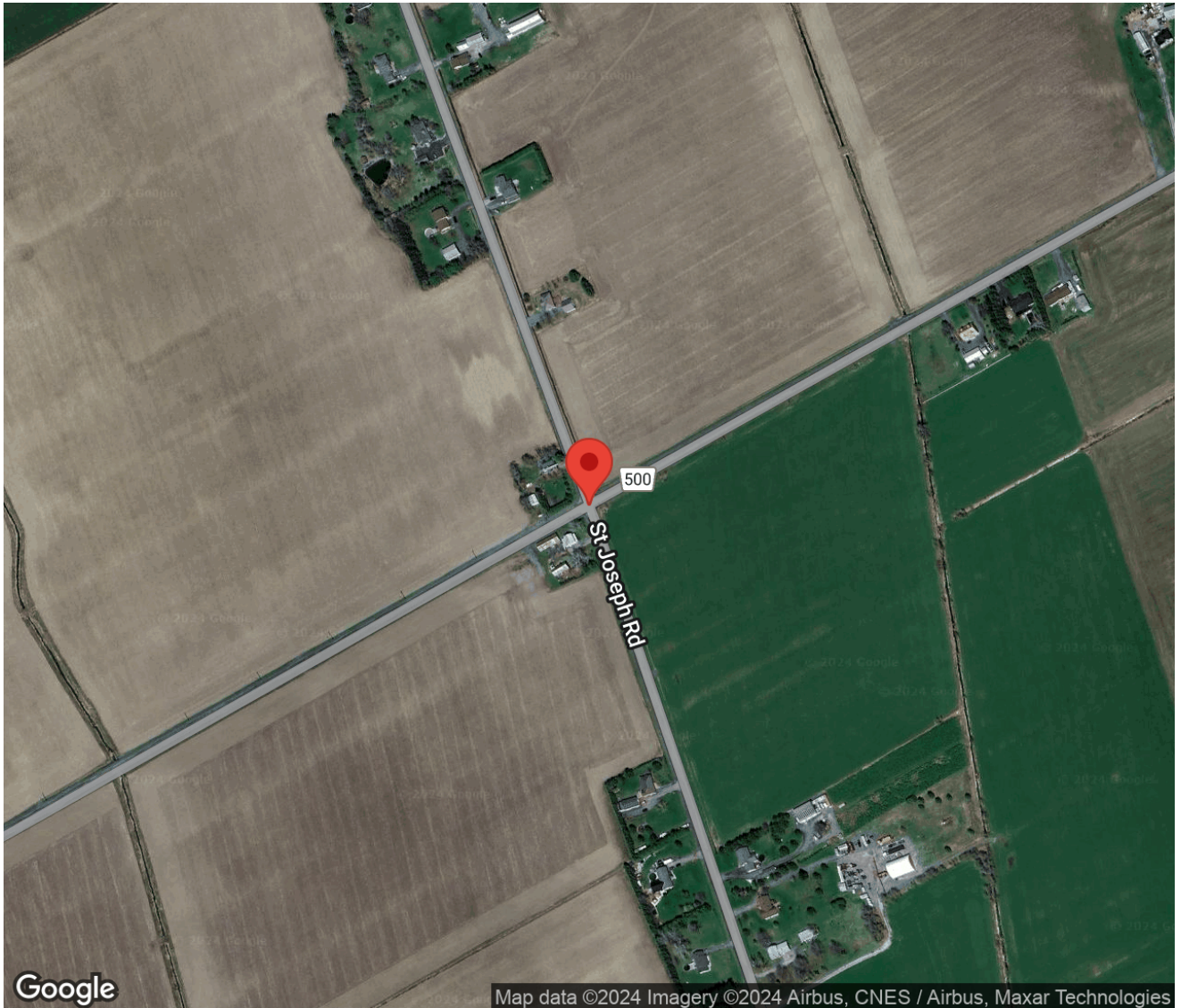
Intersection Count Report

Intersection: Rte 500 & St. Joseph Rd
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900012
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	Rte 500 & St. Joseph Rd
Site Code:	2416900012
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: Rte 500 & St. Joseph Rd
 Site Code: 2416900012
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Joseph Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	3	0	0	5	0	1	2	2	0	5	0	10
08:00 - 09:00	2	2	0	0	4	0	4	4	0	0	8	0	12
09:00 - 10:00	5	1	0	0	6	0	0	5	1	0	6	0	12
BREAK													
11:00 - 12:00	2	3	0	0	5	0	0	4	0	0	4	0	9
12:00 - 13:00	2	5	0	0	7	0	1	3	2	0	6	1	13
BREAK													
15:00 - 16:00	4	5	0	0	9	0	3	2	2	0	7	0	16
16:00 - 17:00	8	10	0	0	18	0	1	4	1	0	6	0	24
17:00 - 18:00	5	3	1	0	9	0	1	0	3	0	4	2	13
GRAND TOTAL	30	32	1	0	63	0	11	24	11	0	46	3	109

Traffic Count Summary

Intersection: Rte 500 & St. Joseph Rd
 Site Code: 2416900012
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Rte 500 - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	2	1	7	0	10	0	0	9	1	0	10	0	20
08:00 - 09:00	3	3	4	0	10	0	1	3	1	0	5	0	15
09:00 - 10:00	0	2	5	0	7	0	0	3	0	0	3	0	10
BREAK													
11:00 - 12:00	2	2	2	0	6	0	1	0	1	0	2	0	8
12:00 - 13:00	3	2	0	0	5	0	0	3	0	0	3	0	8
BREAK													
15:00 - 16:00	4	2	5	0	11	0	1	4	2	0	7	0	18
16:00 - 17:00	3	4	4	0	11	0	1	6	2	0	9	0	20
17:00 - 18:00	2	9	3	0	14	0	2	3	1	0	6	0	20
GRAND TOTAL	19	25	30	0	74	0	6	31	8	0	45	0	119

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	8	6	0	0	14	1	0	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
 Site Code: 2416900012
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	0
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	7	0	0	11	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0
15:30	2	2	0	0	4	0	1	0	0	1	0	0	0	0	0	0
15:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	4	2	0	0	6	0	0	0	0	0	0	0	0	0	0	0
16:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	4	2	0	0	6	0	2	0	0	2	0	0	0	0	0	0
16:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:00	3	2	1	0	6	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	17	14	1	0	32	0	4	0	0	4	0	0	0	0	0	0
GRAND TOTAL	29	27	1	0	57	1	5	0	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0
07:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
08:30	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
08:45	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	0
09:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	9	3	0	16	1	2	0	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
 Site Code: 2416900012
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	1
12:30	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	6	1	0	8	0	1	1	0	2	0	0	0	0	0	1

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
15:30	2	0	0	0	2	0	1	1	0	2	0	0	0	0	0	0
15:45	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
16:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	5	5	0	13	2	1	1	0	4	0	0	0	0	0	2
GRAND TOTAL	8	20	9	0	37	3	4	2	0	9	0	0	0	0	0	3

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
07:15	1	0	1	0	2	0	0	1	0	1	0	0	0	0	0	0
07:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	2	0	2	0	0	2	0	2	0	0	0	0	0	0
08:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08:30	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
08:45	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
09:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	5	6	13	0	24	0	0	3	0	3	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	4	4	2	0	10	1	0	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
15:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	2	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0
16:15	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
16:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:15	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0
17:30	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	15	12	0	36	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	18	25	27	0	70	1	0	3	0	4	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
07:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
07:30	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
07:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:45	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	0
09:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	14	2	0	16	1	1	0	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
 Site Code: 2416900012
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↪	Total	←	↑	→	↪	Total	←	↑	→	↪	Total	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1	2	1	0	4	0	1	0	0	1	0	0	0	0	0	0

Traffic Count Data

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Rte 500

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	1	4	1	0	6	0	0	0	0	0	0	0	0	0	0	0
16:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
16:15	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0
16:30	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:15	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0
17:30	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	3	13	5	0	21	1	0	0	0	1	0	0	0	0	0	0
GRAND TOTAL	4	29	8	0	41	2	2	0	0	4	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 500 runs E/W

North Approach




	Out	In	Total
	4	6	10
	1	3	4
	0	0	0
	5	9	14

St. Joseph Rd




	0	0	0	0
	0	0	1	0
	0	3	1	0
Totals	0	3	2	0










East Approach

	Out	In	Total
	7	12	19
	3	1	4
	0	0	0
	10	13	23

Rte 500

				Totals
	0	0	0	0
	0	0	0	0
	0	0	9	9
	0	0	1	1

Peds: 0




Peds: 0







Peds: 0




Peds: 0








Rte 500

Totals			
0	0	0	0
7	4	3	0
1	1	0	0
2	2	0	0




West Approach

	Out	In	Total
	10	1	11
	0	1	1
	0	0	0
	10	2	12


Totals				
	1	2	2	0
	0	2	2	0
	1	0	0	0
	0	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	4	6	10
	1	0	1
	0	0	0
	5	6	11

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach St. Joseph Rd						South Approach St. Joseph Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	2	0	3	0	0	0	3	6
07:15	0	0	0	0	0	0	1	1	1	0	0	3	1	0	2	0	0	3	0	2	0	0	0	2	8
07:30	0	1	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	2	1	0	0	3	6
07:45	1	2	0	0	0	3	0	0	1	0	0	1	0	0	4	0	0	4	0	2	0	0	0	2	10
Grand Total	2	3	0	0	0	5	1	2	2	0	0	5	2	1	7	0	0	10	0	9	1	0	0	10	30
Approach %	40	60	0	0	-	-	20	40	40	0	-	-	20	10	70	0	-	-	0	90	10	0	-	-	-
Totals %	6.7	10	0	0	-	16.7	3.3	6.7	6.7	0	-	16.7	6.7	3.3	23.3	0	-	33.3	0	30	3.3	0	-	33.3	-
PHF	0.5	0.38	0	0	-	0.42	0.25	0.5	0.5	0	-	0.42	0.5	0.25	0.44	0	-	0.63	0	0.75	0.25	0	-	0.83	0.75
Cars	1	3	0	0	-	4	0	2	2	0	-	4	2	1	4	0	-	7	0	9	1	0	-	10	25
% Cars	50	100	0	0	-	80	0	100	100	0	-	80	100	100	57.1	0	-	70	0	100	100	0	-	100	83.3
Trucks	1	0	0	0	-	1	1	0	0	0	-	1	0	0	3	0	-	3	0	0	0	0	-	0	5
% Trucks	50	0	0	0	-	20	100	0	0	0	-	20	0	0	42.9	0	-	30	0	0	0	0	-	0	16.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 500 runs E/W

North Approach




	Out	In	Total
	6	2	8
	1	1	2
	0	0	0
Totals	7	3	10

St. Joseph Rd








	0	0	0	0
	0	1	0	0
	0	4	2	0
Totals	0	5	2	0

East Approach

	Out	In	Total
	4	5	9
	1	2	3
	0	0	0
Totals	5	7	12

Rte 500








				Totals
	0	0	0	0
	0	0	0	0
	0	1	2	3
	0	0	0	0

Peds: 0













Peds: 1

Rte 500

Totals			
	0	0	0
	0	0	0
	2	2	0
	3	2	1




West Approach

	Out	In	Total
	2	3	5
	1	0	1
	0	0	0
Totals	3	3	6


Totals				
	1	2	1	0
	0	1	1	0
	0	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	4	6	10
	2	2	4
	0	0	0
Totals	6	8	14

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Joseph Rd						South Approach St. Joseph Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15	1	2	0	0	0	3	1	1	1	0	1	3	1	1	0	0	0	2	0	1	0	0	0	1	9
12:30	1	2	0	0	0	3	0	1	1	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0	7
12:45	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	0	2	4
Grand Total	2	5	0	0	0	7	1	3	2	0	1	6	3	2	0	0	0	5	0	3	0	0	0	3	21
Approach %	28.6	71.4	0	0	-	-	16.7	50	33.3	0	-	-	60	40	0	0	-	-	0	100	0	0	-	-	-
Totals %	9.5	23.8	0	0	-	33.3	4.8	14.3	9.5	0	-	28.6	14.3	9.5	0	0	-	23.8	0	14.3	0	0	-	14.3	-
PHF	0.5	0.63	0	0	-	0.58	0.25	0.75	0.5	0	-	0.5	0.38	0.5	0	0	-	0.63	0	0.38	0	0	-	0.38	0.58
Cars	2	4	0	0	-	6	1	2	1	0	-	4	2	2	0	0	-	4	0	2	0	0	-	2	16
% Cars	100	80	0	0	-	85.7	100	66.7	50	0	-	66.7	66.7	100	0	0	-	80	0	66.7	0	0	-	66.7	76.2
Trucks	0	1	0	0	-	1	0	1	1	0	-	2	1	0	0	0	-	1	0	1	0	0	-	1	5
% Trucks	0	20	0	0	-	14.3	0	33.3	50	0	-	33.3	33.3	0	0	0	-	20	0	33.3	0	0	-	33.3	23.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	1
% Peds	-	-	-	-	0	-	-	-	-	-	100	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: Rte 500 runs E/W

North Approach




	Out	In	Total
	15	11	26
	2	0	2
	0	0	0
Totals	17	11	28

St. Joseph Rd




	0	0	0	0
	0	2	0	0
	0	6	9	0
Totals	0	8	9	0










East Approach

	Out	In	Total
	12	21	33
	0	0	0
	0	0	0
Totals	12	21	33

Rte 500

				Totals
	0	0	0	0
	0	0	2	2
	0	0	10	10
	0	0	3	3













Peds: 0






Peds: 0








Rte 500

Totals			
0	0	0	0
5	5	0	0
3	3	0	0
4	4	0	0




West Approach

	Out	In	Total
	15	3	18
	0	1	1
	0	0	0
Totals	15	4	19


				
Totals	1	4	2	0
	0	4	2	0
	1	0	0	0
	0	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	6	13	19
	1	2	3
	0	0	0
Totals	7	15	22

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Rte 500 & St. Joseph Rd
Site Code: 2416900012
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach St. Joseph Rd						South Approach St. Joseph Rd						East Approach Rte 500						West Approach Rte 500						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	1	0	0	0	0	1	0	1	1	0	0	2	1	0	1	0	0	2	1	4	1	0	0	6	11
16:00	4	2	0	0	0	6	0	1	1	0	0	2	2	1	1	0	0	4	0	2	0	0	0	2	14
16:15	0	2	0	0	0	2	0	2	0	0	0	2	1	2	0	0	0	3	1	2	1	0	0	4	11
16:30	4	4	0	0	0	8	1	0	0	0	0	1	0	0	3	0	0	3	0	2	1	0	0	3	15
Grand Total	9	8	0	0	0	17	1	4	2	0	0	7	4	3	5	0	0	12	2	10	3	0	0	15	51
Approach %	52.9	47.1	0	0	-	-	14.3	57.1	28.6	0	-	-	33.3	25	41.7	0	-	-	13.3	66.7	20	0	-	-	-
Totals %	17.6	15.7	0	0	-	33.3	2	7.8	3.9	0	-	13.7	7.8	5.9	9.8	0	-	23.5	3.9	19.6	5.9	0	-	29.4	-
PHF	0.56	0.5	0	0	-	0.53	0.25	0.5	0.5	0	-	0.88	0.5	0.38	0.42	0	-	0.75	0.5	0.63	0.75	0	-	0.63	0.85
Cars	9	6	0	0	-	15	0	4	2	0	-	6	4	3	5	0	-	12	2	10	3	0	-	15	48
% Cars	100	75	0	0	-	88.2	0	100	100	0	-	85.7	100	100	100	0	-	100	100	100	0	-	100	100	94.1
Trucks	0	2	0	0	-	2	1	0	0	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	3
% Trucks	0	25	0	0	-	11.8	100	0	0	0	-	14.3	0	0	0	0	-	0	0	0	0	0	-	0	5.9
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

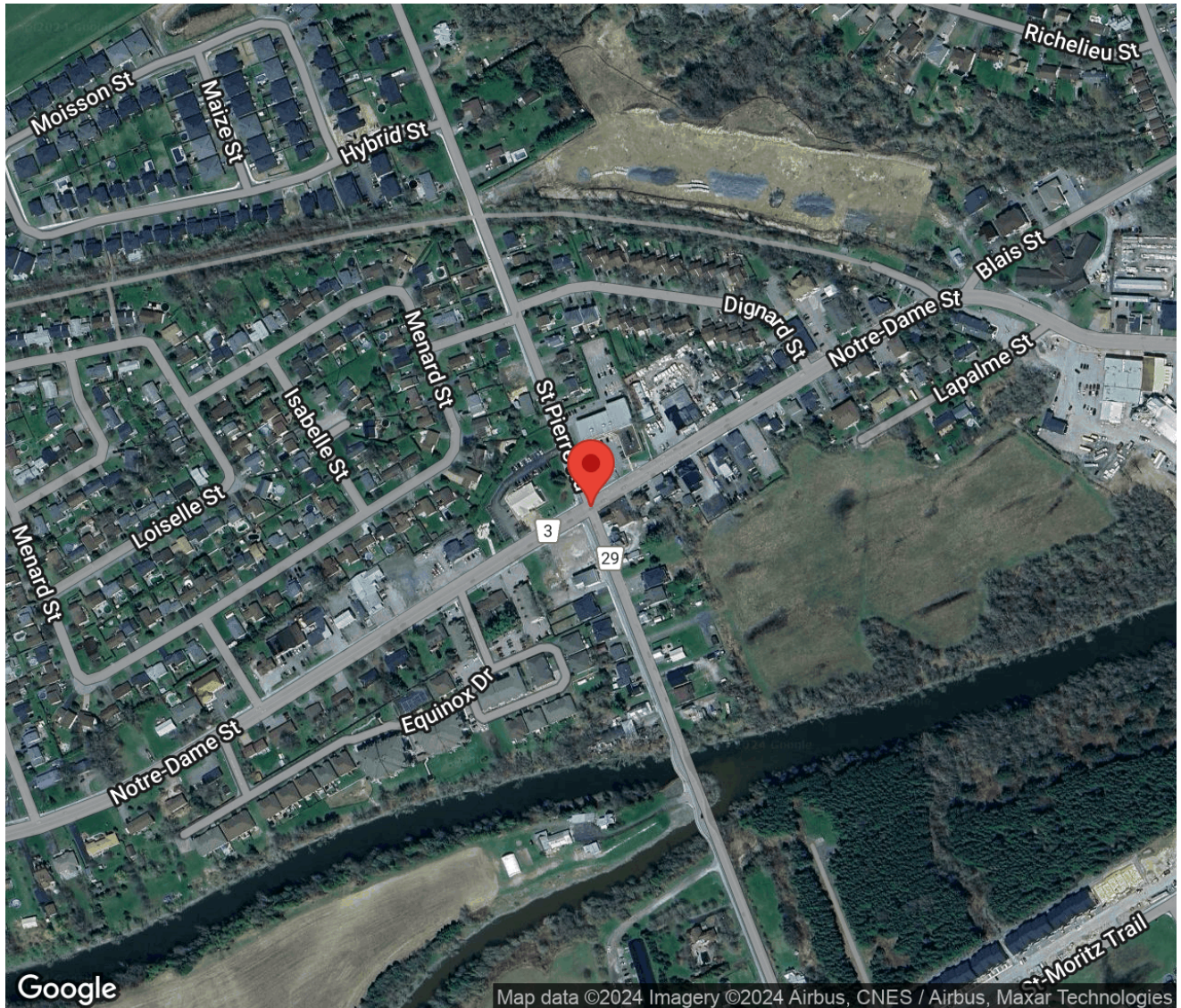
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Notre Dame St & St. Pierre Rd – Ste. Marie Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900013
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code:	2416900013
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

St. Pierre Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	30	11	52	0	93	0	127	83	36	0	246	0	339
08:00 - 09:00	36	22	71	0	129	3	107	62	36	0	205	0	334
09:00 - 10:00	33	15	76	0	124	4	73	36	25	0	134	0	258
BREAK													
11:00 - 12:00	59	25	66	0	150	6	74	25	43	0	142	3	292
12:00 - 13:00	49	18	85	0	152	6	85	25	35	0	145	0	297
BREAK													
15:00 - 16:00	83	60	83	0	226	0	95	35	44	0	174	0	400
16:00 - 17:00	98	100	102	0	300	12	99	28	45	0	172	2	472
17:00 - 18:00	78	79	85	0	242	16	96	36	38	0	170	2	412
GRAND TOTAL	466	330	620	0	1416	47	756	330	302	0	1388	7	2804

Traffic Count Summary

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

Notre Dame St - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	22	364	26	0	412	0	12	203	37	0	252	0	664
08:00 - 09:00	20	365	27	0	412	0	24	253	60	0	337	4	749
09:00 - 10:00	14	372	35	0	421	0	31	285	64	0	380	0	801
BREAK													
11:00 - 12:00	30	422	29	0	481	6	51	407	106	0	564	3	1045
12:00 - 13:00	22	409	23	0	454	2	54	423	113	0	590	0	1044
BREAK													
15:00 - 16:00	30	417	27	0	474	2	64	481	112	0	657	1	1131
16:00 - 17:00	28	453	32	0	513	0	74	585	191	0	850	4	1363
17:00 - 18:00	34	349	32	0	415	0	53	518	173	0	744	10	1159
GRAND TOTAL	200	3151	231	0	3582	10	363	3155	856	0	4374	22	7956

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - St. Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	4	4	12	0	20	0	1	0	0	1	0	0	0	0	0	0
07:15	6	2	15	0	23	0	0	0	0	0	0	0	0	0	0	0
07:30	9	2	8	0	19	1	0	1	0	2	0	0	0	0	0	0
07:45	8	2	16	0	26	2	0	0	0	2	0	0	0	0	0	0
08:00	13	6	8	0	27	0	0	0	0	0	0	0	0	0	0	0
08:15	6	8	14	0	28	0	1	1	0	2	0	0	0	0	0	0
08:30	7	4	19	0	30	1	1	1	0	3	0	0	0	0	0	3
08:45	8	2	27	0	37	1	0	1	0	2	0	0	0	0	0	0
09:00	6	5	12	0	23	0	0	1	0	1	0	0	0	0	0	1
09:15	10	4	17	0	31	3	0	0	0	3	0	0	0	0	0	2
09:30	6	3	27	0	36	0	0	0	0	0	0	0	0	0	0	1
09:45	8	2	18	0	28	0	1	1	0	2	0	0	0	0	0	0
SUBTOTAL	91	44	193	0	328	8	4	6	0	18	0	0	0	0	0	7

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - St. Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	12	6	16	0	34	1	0	0	0	1	0	0	0	0	0	1
11:15	16	7	15	0	38	1	1	1	0	3	0	0	0	0	0	2
11:30	19	5	18	0	42	0	0	0	0	0	0	0	0	0	0	0
11:45	9	6	15	0	30	1	0	1	0	2	0	0	0	0	0	3
12:00	14	2	18	0	34	0	1	0	0	1	0	0	0	0	0	0
12:15	14	7	26	0	47	0	0	0	0	0	0	0	0	0	0	4
12:30	6	4	21	0	31	0	0	0	0	0	0	0	0	0	0	1
12:45	15	4	20	0	39	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	105	41	149	0	295	3	2	2	0	7	0	0	0	0	0	12

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - St. Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	19	12	17	0	48	0	0	0	0	0	0	0	0	0	0	0
15:15	28	11	23	0	62	0	2	0	0	2	0	0	0	0	0	0
15:30	20	16	22	0	58	0	1	0	0	1	0	0	0	0	0	0
15:45	16	16	21	0	53	0	2	0	0	2	0	0	0	0	0	0
16:00	23	27	31	0	81	2	2	0	0	4	0	0	0	0	0	4
16:15	23	19	23	0	65	0	2	0	0	2	0	0	0	0	0	0
16:30	28	24	22	0	74	0	1	1	0	2	0	0	0	0	0	2
16:45	22	25	24	0	71	0	0	1	0	1	0	0	0	0	0	6
17:00	26	18	20	0	64	0	0	0	0	0	0	0	0	0	0	4
17:15	22	25	26	0	73	0	0	0	0	0	0	0	0	0	0	0
17:30	16	18	21	0	55	0	1	0	0	1	0	0	0	0	0	10
17:45	14	16	18	0	48	0	1	0	0	1	0	0	0	0	0	2
SUBTOTAL	257	227	268	0	752	2	12	2	0	16	0	0	0	0	0	28
GRAND TOTAL	453	312	610	0	1375	13	18	10	0	41	0	0	0	0	0	47

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - Ste. Marie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	28	17	8	0	53	1	1	0	0	2	0	0	0	0	0	0
07:15	21	22	6	0	49	2	1	3	0	6	0	0	0	0	0	0
07:30	36	21	8	0	65	2	0	0	0	2	0	0	0	0	0	0
07:45	36	21	11	0	68	1	0	0	0	1	0	0	0	0	0	0
08:00	30	23	9	0	62	1	1	0	0	2	0	0	0	0	0	0
08:15	26	14	7	0	47	0	0	1	0	1	0	0	0	0	0	0
08:30	19	12	12	0	43	2	0	1	0	3	0	0	0	0	0	0
08:45	29	11	4	0	44	0	1	2	0	3	0	0	0	0	0	0
09:00	23	5	11	0	39	2	2	0	0	4	0	0	0	0	0	0
09:15	13	10	6	0	29	0	1	0	0	1	0	0	0	0	0	0
09:30	19	12	4	0	35	0	0	1	0	1	0	0	0	0	0	0
09:45	16	6	3	0	25	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	296	174	89	0	559	11	7	8	0	26	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - Ste. Marie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	16	7	6	0	29	0	0	0	0	0	0	0	0	0	0	1
11:15	13	5	11	0	29	0	1	0	0	1	0	0	0	0	0	0
11:30	24	5	9	0	38	0	0	0	0	0	0	0	0	0	0	2
11:45	21	7	16	0	44	0	0	1	0	1	0	0	0	0	0	0
12:00	26	11	9	0	46	0	1	0	0	1	0	0	0	0	0	0
12:15	16	3	7	0	26	1	0	0	0	1	0	0	0	0	0	0
12:30	27	4	8	0	39	0	0	0	0	0	0	0	0	0	0	0
12:45	15	5	11	0	31	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	158	47	77	0	282	1	3	1	0	5	0	0	0	0	0	3

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - Ste. Marie Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	20	7	14	0	41	0	0	0	0	0	0	0	0	0	0	0
15:15	22	12	8	0	42	0	0	2	0	2	0	0	0	0	0	0
15:30	25	9	10	0	44	0	0	0	0	0	0	0	0	0	0	0
15:45	27	7	9	0	43	1	0	1	0	2	0	0	0	0	0	0
16:00	22	11	7	0	40	0	0	3	0	3	0	0	0	0	0	0
16:15	29	8	8	0	45	0	0	0	0	0	0	0	0	0	0	0
16:30	21	2	12	0	35	1	0	0	0	1	0	0	0	0	0	0
16:45	25	7	14	0	46	1	0	1	0	2	0	0	0	0	0	2
17:00	27	12	9	0	48	0	0	0	0	0	0	0	0	0	0	2
17:15	26	10	13	0	49	0	1	0	0	1	0	0	0	0	0	0
17:30	27	8	9	0	44	0	0	0	0	0	0	0	0	0	0	0
17:45	16	5	7	0	28	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	287	98	120	0	505	3	1	7	0	11	0	0	0	0	0	4
GRAND TOTAL	741	319	286	0	1346	15	11	16	0	42	0	0	0	0	0	7

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	5	78	8	0	91	0	2	0	0	2	0	0	0	0	0	0
07:15	3	80	10	0	93	1	4	1	0	6	0	0	0	0	0	0
07:30	7	92	4	0	103	1	9	0	0	10	0	0	0	0	0	0
07:45	5	94	3	0	102	0	5	0	0	5	0	0	0	0	0	0
08:00	6	99	4	0	109	0	1	0	0	1	0	0	0	0	0	0
08:15	6	78	11	0	95	0	0	0	0	0	0	0	0	0	0	0
08:30	6	88	4	0	98	0	2	1	0	3	0	0	0	0	0	0
08:45	2	95	6	0	103	0	2	1	0	3	0	0	0	0	0	0
09:00	5	83	10	0	98	0	10	0	0	10	0	0	0	0	0	0
09:15	1	91	10	0	102	0	6	0	0	6	0	0	0	0	0	0
09:30	4	73	7	0	84	0	3	0	0	3	0	0	0	0	0	0
09:45	3	104	7	0	114	1	2	1	0	4	0	0	0	0	0	0
SUBTOTAL	53	1055	84	0	1192	3	46	4	0	53	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	6	98	7	0	111	0	2	0	0	2	0	0	0	0	0	0
11:15	6	114	8	0	128	1	3	1	0	5	0	0	0	0	0	3
11:30	5	90	5	0	100	2	4	1	0	7	0	0	0	0	0	3
11:45	10	110	6	0	126	0	1	1	0	2	0	0	0	0	0	0
12:00	7	126	8	0	141	0	0	1	0	1	0	0	0	0	0	0
12:15	5	86	4	0	95	0	0	1	0	1	0	0	0	0	0	2
12:30	7	94	2	0	103	1	0	0	0	1	0	0	0	0	0	0
12:45	2	101	7	0	110	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	48	819	47	0	914	4	12	5	0	21	0	0	0	0	0	8

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	8	105	7	0	120	1	4	0	0	5	0	0	0	0	0	1
15:15	6	95	7	0	108	0	2	1	0	3	0	0	0	0	0	0
15:30	8	100	6	0	114	0	4	0	0	4	0	0	0	0	0	1
15:45	7	107	6	0	120	0	0	0	0	0	0	0	0	0	0	0
16:00	6	109	10	0	125	0	2	0	0	2	0	0	0	0	0	0
16:15	7	115	8	0	130	0	0	0	0	0	0	0	0	0	0	0
16:30	8	119	6	0	133	1	0	0	0	1	0	0	0	0	0	0
16:45	6	107	8	0	121	0	1	0	0	1	0	0	0	0	0	0
17:00	11	98	9	0	118	0	0	0	0	0	0	0	0	0	0	0
17:15	11	74	6	0	91	0	2	0	0	2	0	0	0	0	0	0
17:30	6	98	9	0	113	0	0	0	0	0	0	0	0	0	0	0
17:45	6	77	8	0	91	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	90	1204	90	0	1384	2	15	1	0	18	0	0	0	0	0	2
GRAND TOTAL	191	3078	221	0	3490	9	73	10	0	92	0	0	0	0	0	10

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	1	27	8	0	36	0	4	0	0	4	0	0	0	0	0	0
07:15	2	41	3	0	46	0	4	1	0	5	0	0	0	0	0	0
07:30	1	51	7	0	59	0	3	1	0	4	0	0	0	0	0	0
07:45	8	66	16	0	90	0	7	1	0	8	0	0	0	0	0	0
08:00	4	73	15	0	92	1	4	1	0	6	0	0	0	0	0	0
08:15	6	53	11	0	70	0	5	1	0	6	0	0	0	0	0	3
08:30	8	64	13	0	85	0	1	1	0	2	0	0	0	0	0	0
08:45	5	48	16	0	69	0	5	2	0	7	0	0	0	0	0	1
09:00	7	57	19	0	83	1	1	1	0	3	0	0	0	0	0	0
09:15	9	73	12	0	94	0	2	1	0	3	0	0	0	0	0	0
09:30	6	69	13	0	88	0	0	1	0	1	0	0	0	0	0	0
09:45	8	78	14	0	100	0	5	3	0	8	0	0	0	0	0	0
SUBTOTAL	65	700	147	0	912	2	41	14	0	57	0	0	0	0	0	4

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
 Site Code: 2416900013
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	11	90	20	0	121	2	4	0	0	6	0	0	0	0	0	3
11:15	8	93	21	0	122	0	5	1	0	6	0	0	0	0	0	0
11:30	13	107	39	0	159	0	3	0	0	3	0	0	0	0	0	0
11:45	17	101	25	0	143	0	4	0	0	4	0	0	0	0	0	0
12:00	12	105	31	0	148	0	3	0	0	3	0	0	0	0	0	0
12:15	15	105	27	0	147	1	4	1	0	6	0	0	0	0	0	0
12:30	18	83	28	0	129	0	1	0	0	1	0	0	0	0	0	0
12:45	8	121	26	0	155	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	102	805	217	0	1124	3	25	2	0	30	0	0	0	0	0	3

Traffic Count Data

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	12	104	26	0	142	1	4	0	0	5	0	0	0	0	0	0
15:15	18	120	28	0	166	0	1	0	0	1	0	0	0	0	0	1
15:30	14	127	27	0	168	0	3	0	0	3	0	0	0	0	0	0
15:45	18	120	31	0	169	1	2	0	0	3	0	0	0	0	0	0
16:00	14	142	48	0	204	0	6	0	0	6	0	0	0	0	0	0
16:15	20	141	48	0	209	0	3	1	0	4	0	0	0	0	0	0
16:30	18	148	41	0	207	0	0	0	0	0	0	0	0	0	0	2
16:45	22	143	52	0	217	0	2	1	0	3	0	0	0	0	0	2
17:00	14	148	43	0	205	0	1	0	0	1	0	0	0	0	0	4
17:15	14	128	54	0	196	0	0	1	0	1	0	0	0	0	0	2
17:30	10	125	41	0	176	0	0	0	0	0	0	0	0	0	0	2
17:45	15	116	34	0	165	0	0	0	0	0	0	0	0	0	0	2
SUBTOTAL	189	1562	473	0	2224	2	22	3	0	27	0	0	0	0	0	15
GRAND TOTAL	356	3067	837	0	4260	7	88	19	0	114	0	0	0	0	0	22

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:45:00
To: 08:45:00




Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	111	118	229
	7	3	10
	0	0	0
Totals	118	121	239

St. Pierre Rd




	0	0	0	0
	2	2	3	0
	57	20	34	0
Totals	59	22	37	0










East Approach

	Out	In	Total
	404	329	733
	9	22	31
	0	0	0
Totals	413	351	764

Notre Dame St

				Totals
0	0	0	0	0
0	1	26	27	27
0	17	256	273	273
0	4	55	59	59













Peds: 3






Peds: 0








Notre Dame St

Totals			
0	0	0	0
23	22	1	0
367	359	8	0
23	23	0	0




West Approach

	Out	In	Total
	337	527	864
	22	14	36
	0	0	0
Totals	359	541	900


				
Totals	115	71	41	0
	111	70	39	0
	4	1	2	0
	0	0	0	0

Ste. Marie Rd

South Approach

	Out	In	Total
	220	98	318
	7	6	13
	0	0	0
Totals	227	104	331

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:45 - 08:45)

Start Time	North Approach St. Pierre Rd						South Approach Ste. Marie Rd						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:45	10	2	16	0	0	28	37	21	11	0	0	69	5	99	3	0	0	107	8	73	17	0	0	98	302
08:00	13	6	8	0	0	27	31	24	9	0	0	64	6	100	4	0	0	110	5	77	16	0	0	98	299
08:15	6	9	15	0	0	30	26	14	8	0	0	48	6	78	11	0	0	95	6	58	12	0	3	76	249
08:30	8	5	20	0	3	33	21	12	13	0	0	46	6	90	5	0	0	101	8	65	14	0	0	87	267
Grand Total	37	22	59	0	3	118	115	71	41	0	0	227	23	367	23	0	0	413	27	273	59	0	3	359	1117
Approach %	31.4	18.6	50	0	-	-	50.7	31.3	18.1	0	-	-	5.6	88.9	5.6	0	-	-	7.5	76	16.4	0	-	-	-
Totals %	3.3	2	5.3	0	-	10.6	10.3	6.4	3.7	0	-	20.3	2.1	32.9	2.1	0	-	37	2.4	24.4	5.3	0	-	32.1	-
PHF	0.71	0.61	0.74	0	-	0.89	0.78	0.74	0.79	0	-	0.82	0.96	0.92	0.52	0	-	0.94	0.84	0.89	0.87	0	-	0.92	0.92
Cars	34	20	57	0	-	111	111	70	39	0	-	220	23	359	22	0	-	404	26	256	55	0	-	337	1072
% Cars	91.9	90.9	96.6	0	-	94.1	96.5	98.6	95.1	0	-	96.9	100	97.8	95.7	0	-	97.8	96.3	93.8	93.2	0	-	93.9	96
Trucks	3	2	2	0	-	7	4	1	2	0	-	7	0	8	1	0	-	9	1	17	4	0	-	22	45
% Trucks	8.1	9.1	3.4	0	-	5.9	3.5	1.4	4.9	0	-	3.1	0	2.2	4.3	0	-	2.2	3.7	6.2	6.8	0	-	6.1	4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	-	6
% Peds	-	-	-	-	50	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	50	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	144	105	249
	6	6	12
	0	0	0
Totals	150	111	261

St. Pierre Rd




	0	0	0	0
	2	2	2	0
	66	20	58	0
Totals	68	22	60	0










East Approach

	Out	In	Total
	495	509	1004
	15	18	33
	0	0	0
Totals	510	527	1037

Notre Dame St

				Totals
0	0	0	0	0
0	0	50	50	50
0	15	406	421	421
0	1	116	117	117




Peds: 5





Peds: 0



Peds: 6




Notre Dame St








Totals			
0	0	0	0
31	27	4	0
448	440	8	0
31	28	3	0

Peds: 2




West Approach

	Out	In	Total
	572	590	1162
	16	10	26
	0	0	0
Totals	588	600	1188


Totals				
	84	28	45	0
	0	2	1	0
	0	0	0	0

Ste. Marie Rd

South Approach

	Out	In	Total
	157	164	321
	3	6	9
	0	0	0
Totals	160	170	330

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

Start Time	North Approach St. Pierre Rd						South Approach Ste. Marie Rd						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:15	17	8	16	0	2	41	13	6	11	0	0	30	7	117	9	0	3	133	8	98	22	0	0	128	332
11:30	19	5	18	0	0	42	24	5	9	0	2	38	7	94	6	0	3	107	13	110	39	0	0	162	349
11:45	10	6	16	0	3	32	21	7	17	0	0	45	10	111	7	0	0	128	17	105	25	0	0	147	352
12:00	14	3	18	0	0	35	26	12	9	0	0	47	7	126	9	0	0	142	12	108	31	0	0	151	375
Grand Total	60	22	68	0	5	150	84	30	46	0	2	160	31	448	31	0	6	510	50	421	117	0	0	588	1408
Approach %	40	14.7	45.3	0	-	-	52.5	18.8	28.8	0	-	-	6.1	87.8	6.1	0	-	-	8.5	71.6	19.9	0	-	-	-
Totals %	4.3	1.6	4.8	0	-	10.7	6	2.1	3.3	0	-	11.4	2.2	31.8	2.2	0	-	36.2	3.6	29.9	8.3	0	-	41.8	-
PHF	0.79	0.69	0.94	0	-	0.89	0.81	0.63	0.68	0	-	0.85	0.78	0.89	0.86	0	-	0.9	0.74	0.96	0.75	0	-	0.91	0.94
Cars	58	20	66	0	-	144	84	28	45	0	-	157	28	440	27	0	-	495	50	406	116	0	-	572	1368
% Cars	96.7	90.9	97.1	0	-	96	100	93.3	97.8	0	-	98.1	90.3	98.2	87.1	0	-	97.1	100	96.4	99.1	0	-	97.3	97.2
Trucks	2	2	2	0	-	6	0	2	1	0	-	3	3	8	4	0	-	15	0	15	1	0	-	16	40
% Trucks	3.3	9.1	2.9	0	-	4	0	6.7	2.2	0	-	1.9	9.7	1.8	12.9	0	-	2.9	0	3.6	0.9	0	-	2.7	2.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	5	-	-	-	-	-	2	-	-	-	-	-	6	-	-	-	-	-	0	-	13
% Peds	-	-	-	-	38.5	-	-	-	-	-	15.4	-	-	-	-	-	46.2	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Notre Dame St runs E/W

North Approach




	Out	In	Total
	291	134	425
	9	0	9
	0	0	0
Totals	300	134	434

St. Pierre Rd








	0	0	0	0
	2	5	2	0
	100	95	96	0
Totals	102	100	98	0

East Approach

	Out	In	Total
	509	711	1220
	4	17	21
	0	0	0
Totals	513	728	1241

Notre Dame St

				Totals
	0	0	0	0
	0	0	74	74
	0	11	574	585
	0	2	189	191

Peds: 12








Peds: 4






Peds: 0








Peds: 2

Notre Dame St

Totals			
	0	0	0
	32	32	0
	453	450	3
	28	27	1




West Approach

	Out	In	Total
	837	647	1484
	13	7	20
	0	0	0
Totals	850	654	1504


Totals				
	99	28	41	0
	2	0	4	0
	0	0	0	0

Ste. Marie Rd

South Approach

	Out	In	Total
	166	311	477
	6	8	14
	0	0	0
Totals	172	319	491

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre Dame St & St. Pierre Rd - Ste. Marie Rd
Site Code: 2416900013
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach St. Pierre Rd						South Approach Ste. Marie Rd						East Approach Notre Dame St						West Approach Notre Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00	25	29	31	0	4	85	22	11	10	0	0	43	6	111	10	0	0	127	14	148	48	0	0	210	465
16:15	23	21	23	0	0	67	29	8	8	0	0	45	7	115	8	0	0	130	20	144	49	0	0	213	455
16:30	28	25	23	0	2	76	22	2	12	0	0	36	9	119	6	0	0	134	18	148	41	0	2	207	453
16:45	22	25	25	0	6	72	26	7	15	0	2	48	6	108	8	0	0	122	22	145	53	0	2	220	462
Grand Total	98	100	102	0	12	300	99	28	45	0	2	172	28	453	32	0	0	513	74	585	191	0	4	850	1835
Approach %	32.7	33.3	34	0	-	-	57.6	16.3	26.2	0	-	-	5.5	88.3	6.2	0	-	-	8.7	68.8	22.5	0	-	-	-
Totals %	5.3	5.4	5.6	0	-	16.3	5.4	1.5	2.5	0	-	9.4	1.5	24.7	1.7	0	-	28	4	31.9	10.4	0	-	46.3	-
PHF	0.88	0.86	0.82	0	-	0.88	0.85	0.64	0.75	0	-	0.9	0.78	0.95	0.8	0	-	0.96	0.84	0.99	0.9	0	-	0.97	0.99
Cars	96	95	100	0	-	291	97	28	41	0	-	166	27	450	32	0	-	509	74	574	189	0	-	837	1803
% Cars	98	95	98	0	-	97	98	100	91.1	0	-	96.5	96.4	99.3	100	0	-	99.2	100	98.1	99	0	-	98.5	98.3
Trucks	2	5	2	0	-	9	2	0	4	0	-	6	1	3	0	0	-	4	0	11	2	0	-	13	32
% Trucks	2	5	2	0	-	3	2	0	8.9	0	-	3.5	3.6	0.7	0	0	-	0.8	0	1.9	1	0	-	1.5	1.7
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	12	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	4	-	18
% Peds	-	-	-	-	66.7	-	-	-	-	-	11.1	-	-	-	-	-	0	-	-	-	-	-	22.2	-	-

Project #24-169 – Morrison Hershfield

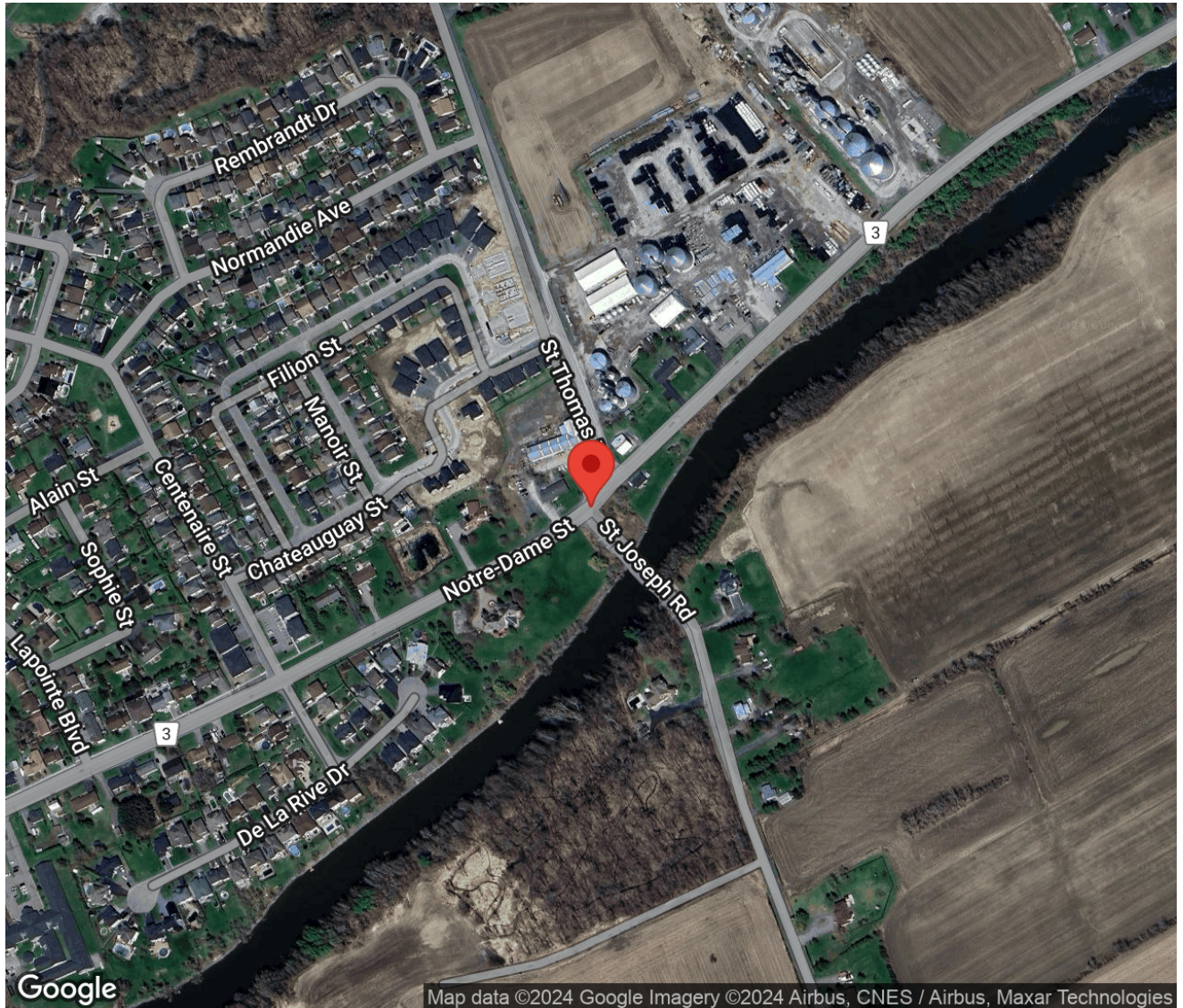
Intersection Count Report

Intersection: St. Joseph Rd & Notre-Dame St
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900019
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	St. Joseph Rd & Notre-Dame St
Site Code:	2416900019
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: St. Joseph Rd & Notre-Dame St
 Site Code: 2416900019
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Joseph Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	17	0	12	0	29	0	29
08:00 - 09:00	0	0	0	0	0	0	10	0	15	0	25	0	25
09:00 - 10:00	0	0	0	0	0	0	6	0	3	0	9	0	9
BREAK													
11:00 - 12:00	0	0	0	0	0	0	6	0	9	0	15	0	15
12:00 - 13:00	0	0	0	0	0	0	4	0	5	0	9	0	9
BREAK													
15:00 - 16:00	0	0	0	0	0	0	5	0	5	0	10	0	10
16:00 - 17:00	0	0	0	0	0	0	10	0	15	0	25	0	25
17:00 - 18:00	0	0	0	0	0	0	6	0	8	0	14	0	14
GRAND TOTAL	0	0	0	0	0	0	64	0	72	0	136	0	136

Traffic Count Summary

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

Notre-Dame St - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	8	208	0	0	216	0	0	159	4	0	163	0	379
08:00 - 09:00	12	225	0	0	237	0	0	172	7	0	179	0	416
09:00 - 10:00	7	223	0	0	230	0	0	140	3	0	143	0	373
BREAK													
11:00 - 12:00	10	164	0	0	174	0	0	188	5	0	193	0	367
12:00 - 13:00	8	169	0	0	177	0	0	193	15	0	208	2	385
BREAK													
15:00 - 16:00	16	214	0	0	230	0	0	297	15	0	312	0	542
16:00 - 17:00	13	218	0	0	231	0	0	354	18	0	372	0	603
17:00 - 18:00	13	226	0	0	239	0	0	313	11	0	324	0	563
GRAND TOTAL	87	1647	0	0	1734	0	0	1816	78	0	1894	2	3628

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0
07:15	2	0	5	0	7	2	0	0	0	2	0	0	0	0	0	0
07:30	5	0	2	0	7	2	0	0	0	2	0	0	0	0	0	0
07:45	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:00	4	0	2	0	6	0	0	4	0	4	0	0	0	0	0	0
08:15	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
08:30	3	0	4	0	7	1	0	1	0	2	0	0	0	0	0	0
08:45	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
09:00	2	0	2	0	4	1	0	0	0	1	0	0	0	0	0	0
09:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09:30	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
09:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	27	0	25	0	52	6	0	5	0	11	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
11:15	2	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
11:45	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	1	0	2	1	0	1	0	2	0	0	0	0	0	0
12:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	9	0	13	0	22	1	0	1	0	2	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Joseph Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
15:45	2	0	1	0	3	0	0	1	0	1	0	0	0	0	0	0
16:00	0	0	6	0	6	0	0	1	0	1	0	0	0	0	0	0
16:15	6	0	2	0	8	0	0	0	0	0	0	0	0	0	0	0
16:30	1	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0
16:45	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
17:30	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	21	0	26	0	47	0	0	2	0	2	0	0	0	0	0	0
GRAND TOTAL	57	0	64	0	121	7	0	8	0	15	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	41	0	0	41	0	0	0	0	0	0	0	0	0	0	0
07:15	1	49	0	0	50	1	3	0	0	4	0	0	0	0	0	0
07:30	3	49	0	0	52	0	2	0	0	2	0	0	0	0	0	0
07:45	3	61	0	0	64	0	3	0	0	3	0	0	0	0	0	0
08:00	1	62	0	0	63	1	5	0	0	6	0	0	0	0	0	0
08:15	3	47	0	0	50	0	2	0	0	2	0	0	0	0	0	0
08:30	4	52	0	0	56	0	4	0	0	4	0	0	0	0	0	0
08:45	3	51	0	0	54	0	2	0	0	2	0	0	0	0	0	0
09:00	3	52	0	0	55	0	3	0	0	3	0	0	0	0	0	0
09:15	1	49	0	0	50	0	4	0	0	4	0	0	0	0	0	0
09:30	1	66	0	0	67	1	2	0	0	3	0	0	0	0	0	0
09:45	1	44	0	0	45	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	24	623	0	0	647	3	33	0	0	36	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	2	33	0	0	35	1	3	0	0	4	0	0	0	0	0	0
11:15	3	48	0	0	51	0	2	0	0	2	0	0	0	0	0	0
11:30	2	38	0	0	40	0	2	0	0	2	0	0	0	0	0	0
11:45	2	37	0	0	39	0	1	0	0	1	0	0	0	0	0	0
12:00	2	43	0	0	45	1	2	0	0	3	0	0	0	0	0	0
12:15	1	45	0	0	46	0	2	0	0	2	0	0	0	0	0	0
12:30	1	31	0	0	32	0	0	0	0	0	0	0	0	0	0	0
12:45	3	44	0	0	47	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	16	319	0	0	335	2	14	0	0	16	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	2	48	0	0	50	0	4	0	0	4	0	0	0	0	0	0
15:15	4	43	0	0	47	0	4	0	0	4	0	0	0	0	0	0
15:30	5	46	0	0	51	1	3	0	0	4	0	0	0	0	0	0
15:45	2	63	0	0	65	2	3	0	0	5	0	0	0	0	0	0
16:00	2	53	0	0	55	0	1	0	0	1	0	0	0	0	0	0
16:15	1	55	0	0	56	0	1	0	0	1	0	0	0	0	0	0
16:30	4	53	0	0	57	1	4	0	0	5	0	0	0	0	0	0
16:45	5	51	0	0	56	0	0	0	0	0	0	0	0	0	0	0
17:00	4	51	0	0	55	0	0	0	0	0	0	0	0	0	0	0
17:15	4	70	0	0	74	0	1	0	0	1	0	0	0	0	0	0
17:30	1	49	0	0	50	0	0	0	0	0	0	0	0	0	0	0
17:45	3	54	0	0	57	1	1	0	0	2	0	0	0	0	0	0
SUBTOTAL	37	636	0	0	673	5	22	0	0	27	0	0	0	0	0	0
GRAND TOTAL	77	1578	0	0	1655	10	69	0	0	79	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	28	0	0	28	0	0	0	0	0	0	0	0	0	0	0
07:15	0	35	1	0	36	0	2	0	0	2	0	0	0	0	0	0
07:30	0	51	1	0	52	0	3	0	0	3	0	0	0	0	0	0
07:45	0	38	0	0	38	0	2	2	0	4	0	0	0	0	0	0
08:00	0	41	2	0	43	0	3	0	0	3	0	0	0	0	0	0
08:15	0	43	2	0	45	0	6	0	0	6	0	0	0	0	0	0
08:30	0	43	3	0	46	0	3	0	0	3	0	0	0	0	0	0
08:45	0	32	0	0	32	0	1	0	0	1	0	0	0	0	0	0
09:00	0	40	1	0	41	0	2	0	0	2	0	0	0	0	0	0
09:15	0	31	0	0	31	0	0	0	0	0	0	0	0	0	0	0
09:30	0	32	1	0	33	0	1	0	0	1	0	0	0	0	0	0
09:45	0	34	1	0	35	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	448	12	0	460	0	23	2	0	25	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
 Site Code: 2416900019
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	55	2	0	57	0	4	0	0	4	0	0	0	0	0	0
11:15	0	46	0	0	46	0	2	0	0	2	0	0	0	0	0	0
11:30	0	45	2	0	47	0	0	0	0	0	0	0	0	0	0	0
11:45	0	33	1	0	34	0	3	0	0	3	0	0	0	0	0	0
12:00	0	42	3	0	45	0	0	2	0	2	0	0	0	0	0	0
12:15	0	49	3	0	52	0	3	1	0	4	0	0	0	0	0	0
12:30	0	52	6	0	58	0	2	0	0	2	0	0	0	0	0	0
12:45	0	44	0	0	44	0	1	0	0	1	0	0	0	0	0	2
SUBTOTAL	0	366	17	0	383	0	15	3	0	18	0	0	0	0	0	2

Traffic Count Data

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	64	1	0	65	0	3	0	0	3	0	0	0	0	0	0
15:15	0	70	4	0	74	0	3	0	0	3	0	0	0	0	0	0
15:30	0	77	5	0	82	0	2	0	0	2	0	0	0	0	0	0
15:45	0	77	5	0	82	0	1	0	0	1	0	0	0	0	0	0
16:00	0	87	2	0	89	0	1	0	0	1	0	0	0	0	0	0
16:15	0	91	6	0	97	0	3	2	0	5	0	0	0	0	0	0
16:30	0	85	6	0	91	0	1	0	0	1	0	0	0	0	0	0
16:45	0	86	2	0	88	0	0	0	0	0	0	0	0	0	0	0
17:00	0	100	4	0	104	0	0	1	0	1	0	0	0	0	0	0
17:15	0	70	2	0	72	0	1	0	0	1	0	0	0	0	0	0
17:30	0	72	2	0	74	0	0	0	0	0	0	0	0	0	0	0
17:45	0	70	2	0	72	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	949	41	0	990	0	15	3	0	18	0	0	0	0	0	0
GRAND TOTAL	0	1763	70	0	1833	0	53	8	0	61	0	0	0	0	0	2

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Notre-Dame St runs E/W

East Approach

	Out	In	Total
	229	179	408
	13	18	31
	0	0	0
	242	197	439

Notre-Dame St

			Totals
0	0	0	0
0	14	173	187
0	2	5	7




Peds: 0



Peds: 0




Peds: 0







Notre-Dame St

Totals			
0	0	0	0
231	219	12	0
11	10	1	0

Peds: 0




West Approach

	Out	In	Total
	178	230	408
	16	14	30
	0	0	0
	194	244	438


Totals			
13	10	0	
	11	6	0
	2	4	0
	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	17	15	32
	6	3	9
	0	0	0
	23	18	41

 - Cars

 - Trucks

















 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

	North Approach						South Approach St. Joseph Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicl es					
Start Time					Peds	Total					Peds	Total					Peds	Total					Peds	Total						
07:30					0		7			2	0	0	9	3	51			0	0	54		54	1	0	0	55	118			
07:45					0		1			1	0	0	2	3	64			0	0	67		40	2	0	0	42	111			
08:00					0		4			6	0	0	10	2	67			0	0	69		44	2	0	0	46	125			
08:15					0		1			1	0	0	2	3	49			0	0	52		49	2	0	0	51	105			
Grand Total					0	0	13			10	0	0	23	11	231			0	0	242					187	7	0	0	194	459
Approach %					-		56.5			43.5	0	-		4.5	95.5			0	-		96.4	3.6	0	-						
Totals %					0		2.8			2.2	0	5		2.4	50.3			0	52.7		40.7	1.5	0	42.3						
PHF					0		0.46			0.42	0	0.58		0.92	0.86			0	0.88		0.87	0.88	0	0.88	0.92					
Cars					0		11			6	0	17		10	219			0	229		173	5	0	178	424					
% Cars					0		84.6			60	0	73.9		90.9	94.8			0	94.6		92.5	71.4	0	91.8	92.4					
Trucks					0		2			4	0	6		1	12			0	13		14	2	0	16	35					
% Trucks					0		15.4			40	0	26.1		9.1	5.2			0	5.4		7.5	28.6	0	8.2	7.6					
Bicycles					0		0			0	0	0		0	0			0	0		0	0	0	0	0					
% Bicycles					0		0			0	0	0		0	0			0	0		0	0	0	0	0					
Peds					0	-							0	-							0	-	0							
% Peds					0	-							0	-							0	-								

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Notre-Dame St runs E/W

East Approach

	Out	In	Total
	170	191	361
	7	7	14
	0	0	0
	177	198	375

Notre-Dame St

			Totals
0	0	0	0
0	6	187	193
0	3	12	15




Peds: 0



Peds: 2




Peds: 0





Notre-Dame St

Totals			
0	0	0	0
169	163	6	0
8	7	1	0

Peds: 0




West Approach

	Out	In	Total
	199	166	365
	9	7	16
	0	0	0
	208	173	381


Totals			
	3	4	0
	1	1	0
	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	7	19	26
	2	4	6
	0	0	0
	9	23	32

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

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

	North Approach						South Approach St. Joseph Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles							
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total								
12:00						0		0				1	0	0	1	3	45				0	0	48				42	5	0	0	47	96
12:15						0		1				2	0	0	3	1	47				0	0	48				52	4	0	0	56	107
12:30						0		2				2	0	0	4	1	31				0	0	32				54	6	0	0	60	96
12:45						0		1				0	0	0	1	3	46				0	0	49				45	0	0	2	45	95
Grand Total						0	0	4				5	0	0	9	8	169				0	0	177				193	15	0	2	208	394
Approach %						-		44.4				55.6	0	-	4.5	95.5				0	-	92.8	7.2	0	-							
Totals %						0		1				1.3	0	2.3	2	42.9				0	44.9	49	3.8	0	52.8							
PHF						0		0.5				0.63	0	0.56	0.67	0.9				0	0.9	0.89	0.63	0	0.87	0.92						
Cars						0		3				4	0	7	7	163				0	170	187	12	0	199	376						
% Cars						0		75				80	0	77.8	87.5	96.4				0	96	96.9	80	0	95.7	95.4						
Trucks						0		1				1	0	2	1	6				0	7	6	3	0	9	18						
% Trucks						0		25				20	0	22.2	12.5	3.6				0	4	3.1	20	0	4.3	4.6						
Bicycles						0		0				0	0	0	0	0				0	0	0	0	0	0	0	0					
% Bicycles						0		0				0	0	0	0	0				0	0	0	0	0	0	0	0					
Peds						0	-						0	-						0	-						2	-	2			
% Peds						0	-						0	-						0	-						100	-				

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Notre-Dame St runs E/W

East Approach

	Out	In	Total
	224	372	596
	6	4	10
	0	0	0
	230	376	606

Notre-Dame St

			Totals
0	0	0	0
0	4	362	366
0	3	18	21




Peds: 0



Peds: 0




Peds: 0







Notre-Dame St

Totals			
0	0	0	0
215	210	5	0
15	14	1	0

Peds: 0




West Approach

	Out	In	Total
	380	221	601
	7	5	12
	0	0	0
	387	226	613


Totals			
	11	10	0
	11	10	0
	0	0	0
	0	0	0

St. Joseph Rd

South Approach

	Out	In	Total
	21	32	53
	0	4	4
	0	0	0
	21	36	57

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Joseph Rd & Notre-Dame St
Site Code: 2416900019
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

	North Approach						South Approach St. Joseph Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles										
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total											
16:15					0		6					2	0	0	8	1	56					0	0	57					94	8	0	0	102	167	
16:30					0		1					3	0	0	4	5	57					0	0	62					86	6	0	0	92	158	
16:45					0		3					3	0	0	6	5	51					0	0	56					86	2	0	0	88	150	
17:00					0		1					2	0	0	3	4	51					0	0	55					100	5	0	0	105	163	
Grand Total					0	0	11					10	0	0	21	15	215					0	0	230					366	21	0	0	387	638	
Approach %					-		52.4					47.6	0	-	6.5	93.5					0	-	94.6	5.4	0	-		94.6	5.4	0	-				
Totals %					0		1.7					1.6	0	3.3	2.4	33.7					0	36.1	57.4	3.3	0	60.7		57.4	3.3	0	60.7				
PHF					0		0.46					0.83	0	0.66	0.75	0.94					0	0.93	0.92	0.66	0	0.92		0.92	0.66	0	0.92	0.96			
Cars					0		11					10	0	21	14	210					0	224	362	18	0	380		362	18	0	380	625			
% Cars					0		100					100	0	100	93.3	97.7					0	97.4	98.9	85.7	0	98.2		98.9	85.7	0	98.2	98			
Trucks					0		0					0	0	0	1	5					0	6	4	3	0	7		4	3	0	7	13			
% Trucks					0		0					0	0	0	6.7	2.3					0	2.6	1.1	14.3	0	1.8		1.1	14.3	0	1.8	2			
Bicycles					0		0					0	0	0	0	0					0	0	0	0	0	0		0	0	0	0	0			
% Bicycles					0		0					0	0	0	0	0					0	0	0	0	0	0		0	0	0	0	0			
Peds					0	-									0	-					0	-					0	-					0	-	0
% Peds					0	-									0	-					0	-					0	-					0	-	

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900020
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code:	2416900020
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Guillaume Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	41	297	166	0	504	0	36	379	12	3	430	0	934
08:00 - 09:00	32	231	133	0	396	0	20	284	5	2	311	0	707
09:00 - 10:00	28	197	87	1	313	0	17	244	8	7	276	0	589
BREAK													
11:00 - 12:00	39	245	101	0	385	0	14	230	6	2	252	0	637
12:00 - 13:00	45	255	101	0	401	0	15	171	8	0	194	0	595
BREAK													
15:00 - 16:00	159	463	143	0	765	0	13	247	10	0	270	0	1035
16:00 - 17:00	233	594	109	0	936	0	14	342	25	0	381	0	1317
17:00 - 18:00	154	445	100	0	699	0	9	365	15	2	391	0	1090
GRAND TOTAL	731	2727	940	1	4399	0	138	2262	89	16	2505	0	6904

Traffic Count Summary

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St Pierre Rd - Traffic Summary

Hour	East Approach Totals						West Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	6	20	308	0	334	0	87	11	13	0	111	0	445
08:00 - 09:00	8	10	172	0	190	0	105	7	8	0	120	0	310
09:00 - 10:00	3	9	106	0	118	0	97	8	20	0	125	0	243
BREAK													
11:00 - 12:00	11	5	68	0	84	0	93	6	22	0	121	0	205
12:00 - 13:00	5	9	88	0	102	0	97	6	20	0	123	0	225
BREAK													
15:00 - 16:00	11	3	89	0	103	0	138	4	25	0	167	0	270
16:00 - 17:00	12	6	124	0	142	0	181	15	37	0	233	0	375
17:00 - 18:00	8	2	82	0	92	0	167	14	26	0	207	0	299
GRAND TOTAL	64	64	1037	0	1165	0	965	71	171	0	1207	0	2372

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	9	56	27	0	92	1	5	5	0	11	0	0	0	0	0	0
07:15	12	78	47	0	137	2	5	2	0	9	0	0	0	0	0	0
07:30	8	69	35	0	112	0	4	4	0	8	0	0	0	0	0	0
07:45	8	75	44	0	127	1	5	2	0	8	0	0	0	0	0	0
08:00	9	50	34	0	93	1	7	11	0	19	0	0	0	0	0	0
08:15	4	55	25	0	84	0	5	9	0	14	0	0	0	0	0	0
08:30	10	48	20	0	78	0	5	7	0	12	0	0	0	0	0	0
08:45	8	51	21	0	80	0	10	6	0	16	0	0	0	0	0	0
09:00	5	45	21	0	71	0	4	1	0	5	0	0	0	0	0	0
09:15	3	52	17	0	72	1	5	5	0	11	0	0	0	0	0	0
09:30	10	39	17	0	66	0	2	3	0	5	0	0	0	0	0	0
09:45	9	45	20	1	75	0	5	3	0	8	0	0	0	0	0	0
SUBTOTAL	95	663	328	1	1087	6	62	58	0	126	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	9	54	22	0	85	1	8	5	0	14	0	0	0	0	0	0
11:15	12	54	8	0	74	1	5	5	0	11	0	0	0	0	0	0
11:30	5	49	23	0	77	1	10	4	0	15	0	0	0	0	0	0
11:45	10	61	28	0	99	0	4	6	0	10	0	0	0	0	0	0
12:00	11	44	33	0	88	0	6	2	0	8	0	0	0	0	0	0
12:15	12	59	15	0	86	2	5	6	0	13	0	0	0	0	0	0
12:30	11	59	19	0	89	0	6	2	0	8	0	0	0	0	0	0
12:45	8	71	19	0	98	1	5	5	0	11	0	0	0	0	0	0
SUBTOTAL	78	451	167	0	696	6	49	35	0	90	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	42	89	29	0	160	0	4	5	0	9	0	0	0	0	0	0
15:15	34	106	33	0	173	2	6	5	0	13	0	0	0	0	0	0
15:30	32	116	26	0	174	1	10	4	0	15	0	0	0	0	0	0
15:45	45	126	30	0	201	3	6	11	0	20	0	0	0	0	0	0
16:00	47	129	21	0	197	1	10	6	0	17	0	0	0	0	0	0
16:15	63	157	22	0	242	0	10	4	0	14	0	0	0	0	0	0
16:30	68	147	23	0	238	2	7	4	0	13	0	0	0	0	0	0
16:45	52	128	27	0	207	0	6	2	0	8	0	0	0	0	0	0
17:00	53	118	27	0	198	2	7	3	0	12	0	0	0	0	0	0
17:15	37	123	21	0	181	1	3	5	0	9	0	0	0	0	0	0
17:30	39	107	23	0	169	0	7	2	0	9	0	0	0	0	0	0
17:45	21	76	19	0	116	1	4	0	0	5	0	0	0	0	0	0
SUBTOTAL	533	1422	301	0	2256	13	80	51	0	144	0	0	0	0	0	0
GRAND TOTAL	706	2536	796	1	4039	25	191	144	0	360	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	6	94	2	0	102	1	7	0	0	8	0	0	0	0	0	0
07:15	8	99	1	0	108	1	11	1	0	13	0	0	0	0	0	0
07:30	8	74	4	2	88	1	8	0	0	9	0	0	0	0	0	0
07:45	10	74	4	1	89	1	12	0	0	13	0	0	0	0	0	0
08:00	10	69	1	0	80	0	7	0	0	7	0	0	0	0	0	0
08:15	3	62	0	1	66	0	13	1	1	15	0	0	0	0	0	0
08:30	4	53	0	0	57	0	6	0	0	6	0	0	0	0	0	0
08:45	3	65	1	0	69	0	9	2	0	11	0	0	0	0	0	0
09:00	3	46	2	4	55	0	18	0	0	18	0	0	0	0	0	0
09:15	4	65	1	1	71	0	10	0	0	10	0	0	0	0	0	0
09:30	7	44	1	0	52	1	6	1	1	9	0	0	0	0	0	0
09:45	1	47	3	1	52	1	8	0	0	9	0	0	0	0	0	0
SUBTOTAL	67	792	20	10	889	6	115	5	2	128	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	3	45	2	1	51	0	2	0	0	2	0	0	0	0	0	0
11:15	2	54	1	0	57	0	10	0	0	10	0	0	0	0	0	0
11:30	2	67	2	0	71	0	4	0	0	4	0	0	0	0	0	0
11:45	6	41	1	1	49	1	7	0	0	8	0	0	0	0	0	0
12:00	6	45	1	0	52	0	6	0	0	6	0	0	0	0	0	0
12:15	3	36	2	0	41	1	6	0	0	7	0	0	0	0	0	0
12:30	2	34	4	0	40	0	4	0	0	4	0	0	0	0	0	0
12:45	3	37	1	0	41	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	27	359	14	2	402	2	42	0	0	44	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	3	61	2	0	66	1	8	0	0	9	0	0	0	0	0	0
15:15	3	57	0	0	60	0	3	0	0	3	0	0	0	0	0	0
15:30	3	59	3	0	65	0	2	2	0	4	0	0	0	0	0	0
15:45	2	55	3	0	60	1	2	0	0	3	0	0	0	0	0	0
16:00	3	98	5	0	106	1	6	1	0	8	0	0	0	0	0	0
16:15	3	72	3	0	78	0	2	2	0	4	0	0	0	0	0	0
16:30	3	107	10	0	120	0	2	0	0	2	0	0	0	0	0	0
16:45	4	55	4	0	63	0	0	0	0	0	0	0	0	0	0	0
17:00	3	129	5	0	137	0	2	0	0	2	0	0	0	0	0	0
17:15	1	86	7	0	94	0	3	0	0	3	0	0	0	0	0	0
17:30	1	88	3	0	92	0	0	0	0	0	0	0	0	0	0	0
17:45	4	57	0	2	63	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	33	924	45	2	1004	3	30	5	0	38	0	0	0	0	0	0
GRAND TOTAL	127	2075	79	14	2295	11	187	10	2	210	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	2	94	0	98	0	0	2	0	2	0	0	0	0	0	0
07:15	3	3	77	0	83	1	0	1	0	2	0	0	0	0	0	0
07:30	0	8	77	0	85	0	0	2	0	2	0	0	0	0	0	0
07:45	0	6	54	0	60	0	1	1	0	2	0	0	0	0	0	0
08:00	2	2	47	0	51	1	0	0	0	1	0	0	0	0	0	0
08:15	1	5	55	0	61	0	1	1	0	2	0	0	0	0	0	0
08:30	3	0	47	0	50	0	0	1	0	1	0	0	0	0	0	0
08:45	1	1	21	0	23	0	1	0	0	1	0	0	0	0	0	0
09:00	0	3	26	0	29	0	0	1	0	1	0	0	0	0	0	0
09:15	2	2	34	0	38	0	0	0	0	0	0	0	0	0	0	0
09:30	0	1	18	0	19	0	0	0	0	0	0	0	0	0	0	0
09:45	0	2	25	0	27	1	1	2	0	4	0	0	0	0	0	0
SUBTOTAL	14	35	575	0	624	3	4	11	0	18	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	4	1	10	0	15	0	1	2	0	3	0	0	0	0	0	0
11:15	3	2	17	0	22	0	1	0	0	1	0	0	0	0	0	0
11:30	2	0	15	0	17	0	0	3	0	3	0	0	0	0	0	0
11:45	2	0	19	0	21	0	0	2	0	2	0	0	0	0	0	0
12:00	2	2	16	0	20	0	0	1	0	1	0	0	0	0	0	0
12:15	1	6	18	0	25	0	0	2	0	2	0	0	0	0	0	0
12:30	0	0	28	0	28	0	0	0	0	0	0	0	0	0	0	0
12:45	2	1	22	0	25	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	16	12	145	0	173	0	2	11	0	13	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - St Pierre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	1	0	16	0	17	1	0	3	0	4	0	0	0	0	0	0
15:15	2	1	21	0	24	1	0	0	0	1	0	0	0	0	0	0
15:30	1	0	22	0	23	0	1	1	0	2	0	0	0	0	0	0
15:45	4	1	24	0	29	1	0	2	0	3	0	0	0	0	0	0
16:00	5	1	23	0	29	2	0	1	0	3	0	0	0	0	0	0
16:15	0	3	29	0	32	0	0	1	0	1	0	0	0	0	0	0
16:30	4	1	30	0	35	0	0	2	0	2	0	0	0	0	0	0
16:45	1	1	37	0	39	0	0	1	0	1	0	0	0	0	0	0
17:00	3	1	20	0	24	0	0	2	0	2	0	0	0	0	0	0
17:15	3	0	24	0	27	0	0	0	0	0	0	0	0	0	0	0
17:30	2	0	21	0	23	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	15	0	16	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	26	10	282	0	318	5	1	13	0	19	0	0	0	0	0	0
GRAND TOTAL	56	57	1002	0	1115	8	7	35	0	50	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	13	3	2	0	18	4	0	0	0	4	0	0	0	0	0	0
07:15	21	1	0	0	22	8	1	0	0	9	0	0	0	0	0	0
07:30	15	3	5	0	23	4	1	0	0	5	0	0	0	0	0	0
07:45	20	2	6	0	28	2	0	0	0	2	0	0	0	0	0	0
08:00	13	1	2	0	16	4	1	0	0	5	0	0	0	0	0	0
08:15	19	1	0	0	20	9	0	0	0	9	0	0	0	0	0	0
08:30	24	2	3	0	29	7	1	0	0	8	0	0	0	0	0	0
08:45	23	1	1	0	25	6	0	2	0	8	0	0	0	0	0	0
09:00	17	1	5	0	23	5	1	2	0	8	0	0	0	0	0	0
09:15	20	1	5	0	26	7	1	1	0	9	0	0	0	0	0	0
09:30	16	2	2	0	20	6	0	0	0	6	0	0	0	0	0	0
09:45	20	2	4	0	26	6	0	1	0	7	0	0	0	0	0	0
SUBTOTAL	221	20	35	0	276	68	6	6	0	80	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
 Site Code: 2416900020
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	23	1	3	0	27	3	1	1	0	5	0	0	0	0	0	0
11:15	16	2	3	0	21	5	0	1	0	6	0	0	0	0	0	0
11:30	22	2	9	0	33	5	0	0	0	5	0	0	0	0	0	0
11:45	13	0	4	0	17	6	0	1	0	7	0	0	0	0	0	0
12:00	19	3	5	0	27	5	0	0	0	5	0	0	0	0	0	0
12:15	20	1	3	0	24	6	0	1	0	7	0	0	0	0	0	0
12:30	22	2	8	0	32	5	0	0	0	5	0	0	0	0	0	0
12:45	14	0	3	0	17	5	0	0	0	5	1	0	0	0	1	0
SUBTOTAL	149	11	38	0	198	40	1	4	0	45	1	0	0	0	1	0

Traffic Count Data

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Burton Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	30	1	3	0	34	3	0	4	0	7	0	0	0	0	0	0
15:15	25	0	2	0	27	3	0	1	0	4	0	0	0	0	0	0
15:30	36	1	6	0	43	7	0	1	0	8	0	0	0	0	0	0
15:45	27	2	8	0	37	7	0	0	0	7	0	0	0	0	0	0
16:00	34	4	7	0	45	6	1	0	0	7	0	0	0	0	0	0
16:15	38	5	7	0	50	7	0	0	0	7	0	0	0	0	0	0
16:30	45	2	12	0	59	3	0	0	0	3	0	0	0	0	0	0
16:45	46	3	11	0	60	2	0	0	0	2	0	0	0	0	0	0
17:00	65	4	14	0	83	3	0	1	0	4	0	0	0	0	0	0
17:15	34	3	3	0	40	1	0	1	0	2	0	0	0	0	0	0
17:30	33	3	2	0	38	2	0	0	0	2	0	0	0	0	0	0
17:45	27	4	5	0	36	2	0	0	0	2	0	0	0	0	0	0
SUBTOTAL	440	32	80	0	552	46	1	8	0	55	0	0	0	0	0	0
GRAND TOTAL	810	63	153	0	1026	154	8	18	0	180	1	0	0	0	1	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:00:00
To: 08:00:00




Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St. Guillaume Rd runs N/S

North Approach




	Out	In	Total
	468	712	1180
	36	62	98
	0	0	0
Totals	504	774	1278

St. Guillaume Rd




	0	0	0	0
	13	19	4	0
	153	278	37	0
Totals	166	297	41	0










East Approach

	Out	In	Total
	326	57	383
	8	7	15
	0	0	0
Totals	334	64	398

Burton Rd

				Totals
0	0	0	0	0
0	18	69	87	87
0	2	9	11	11
0	0	13	13	13

Peds: 0




Peds: 0







Peds: 0




Peds: 0








St Pierre Rd

Totals			
0	0	0	0
308	302	6	0
20	19	1	0
6	5	1	0




West Approach

	Out	In	Total
	91	204	295
	20	18	38
	0	0	0
Totals	111	222	333


				
Totals	36	379	12	3
	32	341	11	3
	4	38	1	0
	0	0	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	387	299	686
	43	20	63
	0	0	0
Totals	430	319	749

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach St Pierre Rd						West Approach Burton Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00	10	61	32	0	0	103	7	101	2	0	0	110	2	2	96	0	0	100	17	3	2	0	0	22	335
07:15	14	83	49	0	0	146	9	110	2	0	0	121	4	3	78	0	0	85	29	2	0	0	0	31	383
07:30	8	73	39	0	0	120	9	82	4	2	0	97	0	8	79	0	0	87	19	4	5	0	0	28	332
07:45	9	80	46	0	0	135	11	86	4	1	0	102	0	7	55	0	0	62	22	2	6	0	0	30	329
Grand Total	41	297	166	0	0	504	36	379	12	3	0	430	6	20	308	0	0	334	87	11	13	0	0	111	1379
Approach %	8.1	58.9	32.9	0	-	-	8.4	88.1	2.8	0.7	-	-	1.8	6	92.2	0	-	-	78.4	9.9	11.7	0	-	-	-
Totals %	3	21.5	12	0	-	36.5	2.6	27.5	0.9	0.2	-	31.2	0.4	1.5	22.3	0	-	24.2	6.3	0.8	0.9	0	-	8	-
PHF	0.73	0.89	0.85	0	-	0.86	0.82	0.86	0.75	0.38	-	0.89	0.38	0.63	0.8	0	-	0.84	0.75	0.69	0.54	0	-	0.9	0.9
Cars	37	278	153	0	-	468	32	341	11	3	-	387	5	19	302	0	-	326	69	9	13	0	-	91	1272
% Cars	90.2	93.6	92.2	0	-	92.9	88.9	90	91.7	100	-	90	83.3	95	98.1	0	-	97.6	79.3	81.8	100	0	-	82	92.2
Trucks	4	19	13	0	-	36	4	38	1	0	-	43	1	1	6	0	-	8	18	2	0	0	-	20	107
% Trucks	9.8	6.4	7.8	0	-	7.1	11.1	10	8.3	0	-	10	16.7	5	1.9	0	-	2.4	20.7	18.2	0	0	-	18	7.8
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00

To: 13:00:00

One Hour Peak

From: 11:30:00

To: 12:30:00

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd

Site Code: 2416900020




Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St. Guillaume Rd runs N/S

North Approach




	Out	In	Total
	350	331	681
	46	53	99
	0	0	0
Totals	396	384	780

St. Guillaume Rd




	0	0	0	0
	18	25	3	0
	99	213	38	0
Totals	117	238	41	0










East Approach

	Out	In	Total
	83	50	133
	8	3	11
	0	0	0
Totals	91	53	144

Burton Rd

				Totals
0	0	0	0	0
0	22	74	96	96
0	0	6	6	6
0	2	21	23	23

Peds: 0




Peds: 0







Peds: 0




Peds: 0








St Pierre Rd

Totals			
0	0	0	0
76	68	8	0
8	8	0	0
7	7	0	0




West Approach

	Out	In	Total
	101	124	225
	24	20	44
	0	0	0
Totals	125	144	269


Totals				
	17	189	6	1
	2	23	0	0
	0	0	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	213	242	455
	25	27	52
	0	0	0
Totals	238	269	507

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:30 - 12:30)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach St Pierre Rd						West Approach Burton Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:30	6	59	27	0	0	92	2	71	2	0	0	75	2	0	18	0	0	20	27	2	9	0	0	38	225
11:45	10	65	34	0	0	109	7	48	1	1	0	57	2	0	21	0	0	23	19	0	5	0	0	24	213
12:00	11	50	35	0	0	96	6	51	1	0	0	58	2	2	17	0	0	21	24	3	5	0	0	32	207
12:15	14	64	21	0	0	99	4	42	2	0	0	48	1	6	20	0	0	27	26	1	4	0	0	31	205
Grand Total	41	238	117	0	0	396	19	212	6	1	0	238	7	8	76	0	0	91	96	6	23	0	0	125	850
Approach %	10.4	60.1	29.5	0	-	-	8	89.1	2.5	0.4	-	-	7.7	8.8	83.5	0	-	-	76.8	4.8	18.4	0	-	-	-
Totals %	4.8	28	13.8	0	-	46.6	2.2	24.9	0.7	0.1	-	28	0.8	0.9	8.9	0	-	10.7	11.3	0.7	2.7	0	-	14.7	-
PHF	0.73	0.92	0.84	0	-	0.91	0.68	0.75	0.75	0.25	-	0.79	0.88	0.33	0.9	0	-	0.84	0.89	0.5	0.64	0	-	0.82	0.94
Cars	38	213	99	0	-	350	17	189	6	1	-	213	7	8	68	0	-	83	74	6	21	0	-	101	747
% Cars	92.7	89.5	84.6	0	-	88.4	89.5	89.2	100	100	-	89.5	100	100	89.5	0	-	91.2	77.1	100	91.3	0	-	80.8	87.9
Trucks	3	25	18	0	-	46	2	23	0	0	-	25	0	0	8	0	-	8	22	0	2	0	-	24	103
% Trucks	7.3	10.5	15.4	0	-	11.6	10.5	10.8	0	0	-	10.5	0	0	10.5	0	-	8.8	22.9	0	8.7	0	-	19.2	12.1
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****





Major Road: St. Guillaume Rd runs N/S

North Approach




	Out	In	Total
	885	673	1558
	47	27	74
	0	0	0
Totals	932	700	1632

St. Guillaume Rd




	0	0	0	0
	13	30	4	0
	99	550	236	0
Totals	112	580	240	0










East Approach

	Out	In	Total
	130	272	402
	6	6	12
	0	0	0
Totals	136	278	414

Burton Rd

				Totals
0	0	0	0	0
0	15	194	209	209
0	0	14	14	14
0	1	44	45	45

Peds: 0




Peds: 0







Peds: 0




Peds: 0








St Pierre Rd

Totals			
0	0	0	0
122	116	6	0
6	6	0	0
8	8	0	0




West Approach

	Out	In	Total
	252	118	370
	16	13	29
	0	0	0
Totals	268	131	399


				
Totals	13	369	24	0
	13	363	22	0
	0	6	2	0
	0	0	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	398	602	1000
	8	31	39
	0	0	0
Totals	406	633	1039

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Burton Rd - St Pierre Rd
Site Code: 2416900020
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach St Pierre Rd						West Approach Burton Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15	63	167	26	0	0	256	3	74	5	0	0	82	0	3	30	0	0	33	45	5	7	0	0	57	428
16:30	70	154	27	0	0	251	3	109	10	0	0	122	4	1	32	0	0	37	48	2	12	0	0	62	472
16:45	52	134	29	0	0	215	4	55	4	0	0	63	1	1	38	0	0	40	48	3	11	0	0	62	380
17:00	55	125	30	0	0	210	3	131	5	0	0	139	3	1	22	0	0	26	68	4	15	0	0	87	462
Grand Total	240	580	112	0	0	932	13	369	24	0	0	406	8	6	122	0	0	136	209	14	45	0	0	268	1742
Approach %	25.8	62.2	12	0	-	-	3.2	90.9	5.9	0	-	-	5.9	4.4	89.7	0	-	-	78	5.2	16.8	0	-	-	-
Totals %	13.8	33.3	6.4	0	-	53.5	0.7	21.2	1.4	0	-	23.3	0.5	0.3	7	0	-	7.8	12	0.8	2.6	0	-	15.4	-
PHF	0.86	0.87	0.93	0	-	0.91	0.81	0.7	0.6	0	-	0.73	0.5	0.5	0.8	0	-	0.85	0.77	0.7	0.75	0	-	0.77	0.92
Cars	236	550	99	0	-	885	13	363	22	0	-	398	8	6	116	0	-	130	194	14	44	0	-	252	1665
% Cars	98.3	94.8	88.4	0	-	95	100	98.4	91.7	0	-	98	100	100	95.1	0	-	95.6	92.8	100	97.8	0	-	94	95.6
Trucks	4	30	13	0	-	47	0	6	2	0	-	8	0	0	6	0	-	6	15	0	1	0	-	16	77
% Trucks	1.7	5.2	11.6	0	-	5	0	1.6	8.3	0	-	2	0	0	4.9	0	-	4.4	7.2	0	2.2	0	-	6	4.4
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0
% Peds	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	0

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: St. Guillaume Rd & Enterprise Rd
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900021
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:



Traffic Count Map

Intersection:	St. Guillaume Rd & Enterprise Rd
Site Code:	2416900021
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

St. Guillaume Rd - Traffic Summary

North Approach Totals							South Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	162	153	0	315	0	52	350	0	0	402	0	717
08:00 - 09:00	0	151	79	0	230	0	20	241	0	0	261	0	491
09:00 - 10:00	0	155	60	0	215	0	28	177	0	0	205	0	420
BREAK													
11:00 - 12:00	0	206	52	0	258	0	21	176	0	0	197	0	455
12:00 - 13:00	0	203	60	0	263	0	33	143	0	0	176	0	439
BREAK													
15:00 - 16:00	0	420	47	0	467	0	16	161	0	0	177	0	644
16:00 - 17:00	0	547	53	1	601	0	16	205	0	0	221	0	822
17:00 - 18:00	0	425	30	0	455	0	11	185	0	0	196	0	651
GRAND TOTAL	0	2269	534	1	2804	0	197	1638	0	0	1835	0	4639

Traffic Count Summary

Intersection: St. Guillaume Rd & Enterprise Rd
 Site Code: 2416900021
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Enterprise Rd - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	57	0	12	0	69	0	69
08:00 - 09:00	0	0	0	0	0	0	54	0	14	0	68	0	68
09:00 - 10:00	0	0	0	0	0	0	69	0	21	0	90	0	90
BREAK													
11:00 - 12:00	0	0	0	0	0	0	64	0	46	0	110	0	110
12:00 - 13:00	0	0	0	0	0	0	50	0	38	0	88	0	88
BREAK													
15:00 - 16:00	0	0	0	0	0	0	80	0	29	0	109	0	109
16:00 - 17:00	0	0	0	0	0	0	139	0	62	0	201	0	201
17:00 - 18:00	0	0	0	0	0	0	164	0	49	0	213	0	213
GRAND TOTAL	0	0	0	0	0	0	677	0	271	0	948	0	948

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	29	35	0	64	0	3	2	0	5	0	0	0	0	0	0
07:15	0	37	48	0	85	0	3	2	0	5	0	0	0	0	0	0
07:30	0	41	25	0	66	0	1	3	0	4	0	0	0	0	0	0
07:45	0	45	36	0	81	0	3	2	0	5	0	0	0	0	0	0
08:00	0	30	22	0	52	0	5	2	0	7	0	0	0	0	0	0
08:15	0	36	14	0	50	0	6	3	0	9	0	0	0	0	0	0
08:30	0	33	16	0	49	0	1	3	0	4	0	0	0	0	0	0
08:45	0	34	14	0	48	0	6	5	0	11	0	0	0	0	0	0
09:00	0	34	15	0	49	0	5	0	0	5	0	0	0	0	0	0
09:15	0	44	14	0	58	0	4	3	0	7	0	0	0	0	0	0
09:30	0	27	15	0	42	0	0	2	0	2	0	0	0	0	0	0
09:45	0	39	9	0	48	0	2	2	0	4	0	0	0	0	0	0
SUBTOTAL	0	429	263	0	692	0	39	29	0	68	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	49	9	0	58	0	4	4	0	8	0	0	0	0	0	0
11:15	0	51	10	0	61	0	5	3	0	8	0	0	0	0	0	0
11:30	0	42	7	0	49	0	4	5	0	9	0	0	0	0	0	0
11:45	0	49	11	0	60	0	2	3	0	5	0	0	0	0	0	0
12:00	0	41	8	0	49	0	4	2	0	6	0	0	0	0	0	0
12:15	0	43	17	0	60	0	6	0	0	6	0	0	0	0	0	0
12:30	0	46	13	0	59	0	4	1	0	5	0	0	0	0	0	0
12:45	0	59	16	0	75	0	0	3	0	3	0	0	0	0	0	0
SUBTOTAL	0	380	91	0	471	0	29	21	0	50	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	75	9	0	84	0	5	3	0	8	0	0	0	0	0	0
15:15	0	104	6	0	110	0	2	5	0	7	0	0	0	0	0	0
15:30	0	114	8	0	122	0	5	6	0	11	0	0	0	0	0	0
15:45	0	113	9	0	122	0	2	1	0	3	0	0	0	0	0	0
16:00	0	118	12	0	130	0	2	9	0	11	0	0	0	0	0	0
16:15	0	148	7	0	155	0	2	6	0	8	0	0	0	0	0	0
16:30	0	154	2	0	156	0	2	5	1	8	0	0	0	0	0	0
16:45	0	121	7	0	128	0	0	5	0	5	0	0	0	0	0	0
17:00	0	121	7	0	128	0	4	3	0	7	0	0	0	0	0	0
17:15	0	128	2	0	130	0	0	1	0	1	0	0	0	0	0	0
17:30	0	97	4	0	101	0	2	7	0	9	0	0	0	0	0	0
17:45	0	73	2	0	75	0	0	4	0	4	0	0	0	0	0	0
SUBTOTAL	0	1366	75	0	1441	0	26	55	1	82	0	0	0	0	0	0
GRAND TOTAL	0	2175	429	0	2604	0	94	105	1	200	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	11	97	0	0	108	0	0	0	0	0	1	0	0	0	1	0
07:15	15	93	0	0	108	0	3	0	0	3	0	0	0	0	0	0
07:30	12	80	0	0	92	0	6	0	0	6	0	0	0	0	0	0
07:45	12	68	0	0	80	1	3	0	0	4	0	0	0	0	0	0
08:00	6	66	0	0	72	3	3	0	0	6	0	0	0	0	0	0
08:15	3	60	0	0	63	0	8	0	0	8	0	0	0	0	0	0
08:30	4	54	0	0	58	0	3	0	0	3	0	0	0	0	0	0
08:45	3	44	0	0	47	1	3	0	0	4	0	0	0	0	0	0
09:00	5	40	0	0	45	0	2	0	0	2	0	0	0	0	0	0
09:15	9	50	0	0	59	1	3	0	0	4	0	0	0	0	0	0
09:30	2	43	0	0	45	1	4	0	0	5	0	0	0	0	0	0
09:45	9	35	0	0	44	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	91	730	0	0	821	8	38	0	0	46	1	0	0	0	1	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	5	40	0	0	45	1	0	0	0	1	0	0	0	0	0	0
11:15	5	42	0	0	47	2	4	0	0	6	0	0	0	0	0	0
11:30	3	51	0	0	54	1	3	0	0	4	0	0	0	0	0	0
11:45	4	34	0	0	38	0	2	0	0	2	0	0	0	0	0	0
12:00	10	35	0	0	45	0	4	0	0	4	0	0	0	0	0	0
12:15	12	34	0	0	46	0	3	0	0	3	0	0	0	0	0	0
12:30	5	30	0	0	35	1	2	0	0	3	0	0	0	0	0	0
12:45	5	32	0	0	37	0	3	0	0	3	0	0	0	0	0	0
SUBTOTAL	49	298	0	0	347	5	21	0	0	26	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

South Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	4	44	0	0	48	1	3	0	0	4	0	0	0	0	0	0
15:15	2	38	0	0	40	2	1	0	0	3	0	0	0	0	0	0
15:30	2	37	0	0	39	1	3	0	0	4	0	0	0	0	0	0
15:45	4	35	0	0	39	0	0	0	0	0	0	0	0	0	0	0
16:00	2	55	0	0	57	1	3	0	0	4	0	0	0	0	0	0
16:15	5	47	0	0	52	1	2	0	0	3	0	0	0	0	0	0
16:30	5	62	0	0	67	0	1	0	0	1	0	0	0	0	0	0
16:45	1	35	0	0	36	1	0	0	0	1	0	0	0	0	0	0
17:00	2	67	0	0	69	1	0	0	0	1	0	0	0	0	0	0
17:15	1	46	0	0	47	1	0	0	0	1	0	0	0	0	0	0
17:30	5	37	0	0	42	1	0	0	0	1	0	0	0	0	0	0
17:45	0	35	0	0	35	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	33	538	0	0	571	10	13	0	0	23	0	0	0	0	0	0
GRAND TOTAL	173	1566	0	0	1739	23	72	0	0	95	1	0	0	0	1	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Enterprise Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	5	0	2	0	7	5	0	1	0	6	0	0	0	0	0	0
07:15	7	0	2	0	9	9	0	0	0	9	0	0	0	0	0	0
07:30	12	0	2	0	14	3	0	2	0	5	0	0	0	0	0	0
07:45	5	0	1	0	6	11	0	2	0	13	0	0	0	0	0	0
08:00	6	0	4	0	10	2	0	0	0	2	0	0	0	0	0	0
08:15	6	0	5	0	11	6	0	0	0	6	0	0	0	0	0	0
08:30	6	0	1	0	7	4	0	0	0	4	0	0	0	0	0	0
08:45	14	0	3	0	17	10	0	1	0	11	0	0	0	0	0	0
09:00	15	0	6	0	21	15	0	5	0	20	0	0	0	0	0	0
09:15	10	0	1	0	11	7	0	1	0	8	0	0	0	0	0	0
09:30	9	0	6	0	15	2	0	0	0	2	0	0	0	0	0	0
09:45	6	0	2	0	8	5	0	0	0	5	0	0	0	0	0	0
SUBTOTAL	101	0	35	0	136	79	0	12	0	91	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Enterprise Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	8	0	5	0	13	3	0	0	0	3	0	0	0	0	0	0
11:15	11	0	9	0	20	5	0	1	0	6	0	0	0	0	0	0
11:30	18	0	11	0	29	2	0	0	0	2	0	0	0	0	0	0
11:45	11	0	18	0	29	6	0	2	0	8	0	0	0	0	0	0
12:00	18	0	14	0	32	4	0	0	0	4	0	0	0	0	0	0
12:15	7	0	11	0	18	1	0	1	0	2	0	0	0	0	0	0
12:30	10	0	5	0	15	2	0	0	0	2	0	0	0	0	0	0
12:45	6	0	7	0	13	2	0	0	0	2	0	0	0	0	0	0
SUBTOTAL	89	0	80	0	169	25	0	4	0	29	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Enterprise Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	12	0	4	0	16	6	0	1	0	7	0	0	0	0	0	0
15:15	21	0	5	0	26	2	0	1	0	3	0	0	0	0	0	0
15:30	12	0	9	0	21	3	0	0	0	3	0	0	0	0	0	0
15:45	22	0	8	0	30	2	0	1	0	3	0	0	0	0	0	0
16:00	51	0	14	0	65	4	0	1	0	5	0	0	0	0	0	0
16:15	21	0	14	0	35	3	0	0	0	3	0	0	0	0	0	0
16:30	46	0	24	0	70	0	0	0	0	0	0	0	0	0	0	0
16:45	13	0	8	0	21	1	0	1	0	2	0	0	0	0	0	0
17:00	64	0	19	0	83	1	0	1	0	2	0	0	0	0	0	0
17:15	33	0	8	0	41	3	0	0	0	3	0	0	0	0	0	0
17:30	42	0	13	0	55	0	0	1	0	1	0	0	0	0	0	0
17:45	21	0	6	0	27	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	358	0	132	0	490	25	0	8	0	33	0	0	0	0	0	0
GRAND TOTAL	548	0	247	0	795	129	0	24	0	153	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00

To: 10:00:00

One Hour Peak

From: 07:00:00

To: 08:00:00

Intersection: St. Guillaume Rd & Enterprise Rd

Site Code: 2416900021




Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: St. Guillaume Rd runs N/S

North Approach

	Out	In	Total
	296	367	663
	19	40	59
	0	0	0
Totals	315	407	722

St. Guillaume Rd




	0	0	0
	9	10	0
	144	152	0
Totals	153	162	0

Peds: 0



Peds: 0




Enterprise Rd




				Totals
	0	0	0	0
	0	28	29	57
	0	5	7	12

Peds: 0

Peds: 0




West Approach

	Out	In	Total
	36	194	230
	33	10	43
	0	1	1
Totals	69	205	274

Totals	52	350	0
	50	338	0
	1	12	0
	1	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	388	159	547
	13	15	28
	1	0	1
Totals	402	174	576

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:00 - 08:00)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach						West Approach Enterprise Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:00		32	37	0	0	69	12	97		0	0	109					0		10		3	0	0	13	191
07:15		40	50	0	0	90	15	96		0	0	111					0		16		2	0	0	18	219
07:30		42	28	0	0	70	12	86		0	0	98					0		15		4	0	0	19	187
07:45		48	38	0	0	86	13	71		0	0	84					0		16		3	0	0	19	189
Grand Total		162	153	0	0	315	52	350		0	0	402					0	0	57		12	0	0	69	786
Approach %		51.4	48.6	0		-	12.9	87.1		0		-					-		82.6		17.4	0		-	
Totals %		20.6	19.5	0		40.1	6.6	44.5		0		51.1					0		7.3		1.5	0		8.8	
PHF		0.84	0.77	0		0.88	0.87	0.9		0		0.91					0		0.89		0.75	0		0.91	0.9
Cars		152	144	0		296	50	338		0		388					0		29		7	0		36	720
% Cars		93.8	94.1	0		94	96.2	96.6		0		96.5					0		50.9		58.3	0		52.2	91.6
Trucks		10	9	0		19	1	12		0		13					0		28		5	0		33	65
% Trucks		6.2	5.9	0		6	1.9	3.4		0		3.2					0		49.1		41.7	0		47.8	8.3
Bicycles		0	0	0		0	1	0		0		1					0		0		0	0		0	1
% Bicycles		0	0	0		0	1.9	0		0		0.2					0		0		0	0		0	0.1
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: St. Guillaume Rd runs N/S

North Approach

	Out	In	Total
	219	220	439
	28	30	58
	0	0	0
Totals	247	250	497

St. Guillaume Rd




	0	0	0
	13	15	0
	36	183	0
Totals	49	198	0

Peds: 0



Peds: 0




Enterprise Rd




			Totals
0	0	0	0
0	17	58	75
0	3	52	55

Peds: 0

Peds: 0




West Approach

	Out	In	Total
	110	58	168
	20	16	36
	0	0	0
Totals	130	74	204

Totals	25	175	0
	22	162	0
	3	13	0
	0	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	184	235	419
	16	18	34
	0	0	0
Totals	200	253	453

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach						West Approach Enterprise Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:15		56	13	0	0	69	7	46		0	0	53					0		16		10	0	0	26	148
11:30		46	12	0	0	58	4	54		0	0	58					0		20		11	0	0	31	147
11:45		51	14	0	0	65	4	36		0	0	40					0		17		20	0	0	37	142
12:00		45	10	0	0	55	10	39		0	0	49					0		22		14	0	0	36	140
Grand Total		198	49	0	0	247	25	175		0	0	200					0	0	75		55	0	0	130	577
Approach %		80.2	19.8	0	-	-	12.5	87.5		0	-	-					-	-	57.7		42.3	0	-	-	
Totals %		34.3	8.5	0		42.8	4.3	30.3		0		34.7					0		13		9.5	0		22.5	
PHF		0.88	0.88	0		0.89	0.63	0.81		0		0.86					0		0.85		0.69	0		0.88	0.97
Cars		183	36	0		219	22	162		0		184					0		58		52	0		110	513
% Cars		92.4	73.5	0		88.7	88	92.6		0		92					0		77.3		94.5	0		84.6	88.9
Trucks		15	13	0		28	3	13		0		16					0		17		3	0		20	64
% Trucks		7.6	26.5	0		11.3	12	7.4		0		8					0		22.7		5.5	0		15.4	11.1
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: St. Guillaume Rd runs N/S

North Approach

	Out	In	Total
	567	355	922
	28	9	37
	0	0	0
	595	364	959

St. Guillaume Rd




	0	0	0
	19	8	1
	23	544	0
Totals	42	552	1

Peds: 0



Peds: 0




Enterprise Rd




			Totals
0	0	0	0
0	5	144	149
0	2	65	67

Peds: 0

Peds: 0




West Approach

	Out	In	Total
	209	36	245
	7	22	29
	0	0	0
	216	58	274

Totals	16	214	0
	13	211	0
	3	3	0
	0	0	0

St. Guillaume Rd

South Approach

	Out	In	Total
	224	609	833
	6	10	16
	0	0	0
	230	619	849

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Guillaume Rd & Enterprise Rd
Site Code: 2416900021
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach St. Guillaume Rd						South Approach St. Guillaume Rd						East Approach						West Approach Enterprise Rd						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15		150	13	0	0	163	6	49		0	0	55					0		24		14	0	0	38	256
16:30		156	7	1	0	164	5	63		0	0	68					0		46		24	0	0	70	302
16:45		121	12	0	0	133	2	35		0	0	37					0		14		9	0	0	23	193
17:00		125	10	0	0	135	3	67		0	0	70					0		65		20	0	0	85	290
Grand Total		552	42	1	0	595	16	214		0	0	230					0	0	149		67	0	0	216	1041
Approach %		92.8	7.1	0.2		-	7	93		0		-					-		69		31	0		-	
Totals %		53	4	0.1		57.2	1.5	20.6		0		22.1					0		14.3		6.4	0		20.7	
PHF		0.88	0.81	0.25		0.91	0.67	0.8		0		0.82					0		0.57		0.7	0		0.64	0.86
Cars		544	23	0		567	13	211		0		224					0		144		65	0		209	1000
% Cars		98.6	54.8	0		95.3	81.3	98.6		0		97.4					0		96.6		97	0		96.8	96.1
Trucks		8	19	1		28	3	3		0		6					0		5		2	0		7	41
% Trucks		1.4	45.2	100		4.7	18.8	1.4		0		2.6					0		3.4		3	0		3.2	3.9
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection:	St. Andre Rd & Notre-Dame St
Municipality:	Russell Twp
Count Date:	Thursday, Apr 25, 2024
Site Code:	2416900022
Count Categories:	Cars, Trucks, Bicycles, Pedestrians
Count Period:	07:00-10:00, 11:00-13:00, 15:00-18:00
Weather:	Clear
Comments:	

Traffic Count Map

Intersection:	St. Andre Rd & Notre-Dame St
Site Code:	2416900022
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Map data ©2024 Imagery ©2024 Airbus, CNES / Airbus, Maxar Technologies

Traffic Count Summary

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

St. Andre Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	1	47	0	29	0	76	0	76
08:00 - 09:00	0	0	1	0	1	5	36	1	26	0	63	0	64
09:00 - 10:00	1	0	0	0	1	5	27	3	25	0	55	0	56
BREAK													
11:00 - 12:00	2	0	1	0	3	5	22	1	51	0	74	0	77
12:00 - 13:00	4	0	0	0	4	12	24	3	61	0	88	0	92
BREAK													
15:00 - 16:00	3	0	0	0	3	11	17	0	84	0	101	0	104
16:00 - 17:00	2	1	1	0	4	8	30	0	60	0	90	0	94
17:00 - 18:00	6	1	1	0	8	8	20	1	45	0	66	0	74
GRAND TOTAL	18	2	4	0	24	55	223	9	381	0	613	0	637

Traffic Count Summary

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

Notre-Dame St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	20	433	1	0	454	1	0	207	13	0	220	0	674
08:00 - 09:00	37	402	7	0	446	0	1	327	25	0	353	0	799
09:00 - 10:00	29	416	8	0	453	0	3	375	12	0	390	0	843
BREAK													
11:00 - 12:00	53	425	15	0	493	0	20	457	31	0	508	0	1001
12:00 - 13:00	41	495	33	0	569	0	18	525	35	0	578	0	1147
BREAK													
15:00 - 16:00	44	504	20	0	568	0	10	620	37	0	667	1	1235
16:00 - 17:00	61	533	21	0	615	0	20	722	72	0	814	0	1429
17:00 - 18:00	47	474	19	0	540	1	15	510	53	0	578	0	1118
GRAND TOTAL	332	3682	124	0	4138	2	87	3743	278	0	4108	1	8246

[illegible]

	Cars						Trucks						Bicycles						
Start Time					Total						Total						Total	Total Peds	
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	3	
11:15	0	0	1	0	1		0	0	0	0	0		0	0	0	0	0	0	
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	2	
11:45	2	0	0	0	2		0	0	0	0	0		0	0	0	0	0	0	
12:00	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	3	
12:15	1	0	0	0	1		0	0	0	0	0		0	0	0	0	0	3	
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0	4	
12:45	2	0	0	0	2		0	0	0	0	0		0	0	0	0	0	2	
SUBTOTAL	6	0	1	0	7		0	0	0	0	0		0	0	0	0	0	17	

[illegible]

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	10	0	3	0	13	0	0	0	0	0	0	0	0	0	0	0
07:15	8	0	4	0	12	3	0	2	0	5	0	0	0	0	0	0
07:30	14	0	8	0	22	1	0	0	0	1	0	0	0	0	0	0
07:45	9	0	12	0	21	2	0	0	0	2	0	0	0	0	0	0
08:00	8	0	5	0	13	0	0	0	0	0	0	0	0	0	0	0
08:15	11	0	6	0	17	1	0	0	0	1	0	0	0	0	0	0
08:30	8	0	7	0	15	0	0	0	0	0	0	0	0	0	0	0
08:45	7	1	7	0	15	1	0	1	0	2	0	0	0	0	0	0
09:00	4	1	2	0	7	1	0	0	0	1	0	0	0	0	0	0
09:15	8	1	5	0	14	0	0	0	0	0	0	0	0	0	0	0
09:30	5	1	6	0	12	0	0	0	0	0	0	0	0	0	0	0
09:45	9	0	12	0	21	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	101	4	77	0	182	9	0	3	0	12	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↪	Total	←	↑	→	↪	Total	←	↑	→	↪	Total	
11:00	5	0	9	0	14	0	0	0	0	0	0	0	0	0	0	0
11:15	7	0	13	0	20	2	0	0	0	2	0	0	0	0	0	0
11:30	4	0	14	0	18	1	0	0	0	1	0	0	0	0	0	0
11:45	2	1	15	0	18	1	0	0	0	1	0	0	0	0	0	0
12:00	6	0	12	0	18	0	0	0	0	0	0	0	0	0	0	0
12:15	6	0	14	0	20	0	0	0	0	0	0	0	0	0	0	0
12:30	2	2	15	0	19	1	0	1	0	2	0	0	0	0	0	0
12:45	8	1	19	0	28	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	40	4	111	0	155	6	0	1	0	7	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - St. Andre Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	4	0	26	0	30	0	0	1	0	1	0	0	0	0	0	0
15:15	5	0	14	0	19	1	0	0	0	1	0	0	0	0	0	0
15:30	6	0	24	0	30	0	0	1	0	1	0	0	0	0	0	0
15:45	1	0	17	0	18	0	0	1	0	1	0	0	0	0	0	0
16:00	8	0	19	0	27	1	0	0	0	1	0	0	0	0	0	0
16:15	8	0	17	0	25	1	0	0	0	1	0	0	0	0	0	0
16:30	7	0	10	0	17	2	0	0	0	2	0	0	0	0	0	0
16:45	2	0	12	0	14	1	0	2	0	3	0	0	0	0	0	0
17:00	7	0	14	0	21	0	0	0	0	0	0	0	0	0	0	0
17:15	6	0	15	0	21	0	0	0	0	0	0	0	0	0	0	0
17:30	7	1	16	0	24	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	61	1	184	0	246	6	0	5	0	11	0	0	0	0	0	0
GRAND TOTAL	202	9	372	0	583	21	0	9	0	30	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	5	102	0	0	107	0	3	0	0	3	0	0	0	0	0	0
07:15	4	104	0	0	108	1	2	0	0	3	0	0	0	0	0	1
07:30	4	107	1	0	112	1	15	0	0	16	0	0	0	0	0	0
07:45	5	96	0	0	101	0	4	0	0	4	0	0	0	0	0	0
08:00	8	91	0	0	99	1	2	0	0	3	0	0	0	0	0	0
08:15	8	105	1	0	114	1	0	0	0	1	0	0	0	0	0	0
08:30	4	90	1	0	95	1	3	0	0	4	0	0	0	0	0	0
08:45	13	106	5	0	124	1	5	0	0	6	0	0	0	0	0	0
09:00	9	97	1	0	107	2	7	0	0	9	0	0	0	0	0	0
09:15	7	113	2	0	122	0	6	0	0	6	0	0	0	0	0	0
09:30	4	83	1	0	88	0	2	0	0	2	0	0	0	0	0	0
09:45	7	104	4	0	115	0	4	0	0	4	0	0	0	0	0	0
SUBTOTAL	78	1198	16	0	1292	8	53	0	0	61	0	0	0	0	0	1

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	11	100	5	0	116	0	1	0	0	1	0	0	0	0	0	0
11:15	16	93	2	0	111	1	1	0	0	2	0	0	0	0	0	0
11:30	12	112	4	0	128	0	3	1	0	4	0	0	0	0	0	0
11:45	13	114	3	0	130	0	1	0	0	1	0	0	0	0	0	0
12:00	6	134	10	0	150	0	1	0	0	1	0	0	0	0	0	0
12:15	13	98	10	0	121	0	1	0	0	1	0	0	0	0	0	0
12:30	7	134	9	0	150	0	2	0	0	2	0	0	0	0	0	0
12:45	15	123	4	0	142	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	93	908	47	0	1048	1	12	1	0	14	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	8	128	3	0	139	0	2	0	0	2	0	0	0	0	0	0
15:15	9	104	3	0	116	0	6	0	0	6	0	0	0	0	0	0
15:30	8	133	2	0	143	0	2	0	0	2	0	0	0	0	0	0
15:45	18	126	12	0	156	1	3	0	0	4	0	0	0	0	0	0
16:00	16	134	3	0	153	0	1	0	0	1	0	0	0	0	0	0
16:15	15	131	6	0	152	0	0	0	0	0	0	0	0	0	0	0
16:30	16	141	3	0	160	0	2	0	0	2	0	0	0	0	0	0
16:45	14	123	9	0	146	0	1	0	0	1	0	0	0	0	0	0
17:00	13	131	3	0	147	0	2	0	0	2	0	0	0	0	0	0
17:15	15	115	3	0	133	0	0	0	0	0	0	0	0	0	0	0
17:30	8	119	5	0	132	0	0	0	0	0	0	0	0	0	0	0
17:45	11	107	8	0	126	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	151	1492	60	0	1703	1	19	0	0	20	0	0	0	0	0	1
GRAND TOTAL	322	3598	123	0	4043	10	84	1	0	95	0	0	0	0	0	2

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	28	1	0	29	0	3	0	0	3	0	0	0	0	0	0
07:15	0	46	2	0	48	0	3	0	0	3	0	0	0	0	0	0
07:30	0	37	6	0	43	0	5	0	0	5	0	0	0	0	0	0
07:45	0	72	4	0	76	0	13	0	0	13	0	0	0	0	0	0
08:00	0	83	6	0	89	0	8	2	0	10	0	0	0	0	0	0
08:15	0	73	4	0	77	0	7	0	0	7	0	0	0	0	0	0
08:30	0	82	5	0	87	0	1	0	0	1	0	0	0	0	0	0
08:45	1	67	8	0	76	0	6	0	0	6	0	0	0	0	0	0
09:00	0	78	3	0	81	0	3	1	0	4	0	0	0	0	0	0
09:15	2	90	3	0	95	0	6	1	0	7	0	0	0	0	0	0
09:30	1	98	0	0	99	0	2	0	0	2	0	0	0	0	0	0
09:45	0	93	4	0	97	0	5	0	0	5	0	0	0	0	0	0
SUBTOTAL	4	847	46	0	897	0	62	4	0	66	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
 Site Code: 2416900022
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	2	93	10	0	105	0	5	0	0	5	0	0	0	0	0	0
11:15	5	90	6	0	101	0	5	2	0	7	0	0	0	0	0	0
11:30	8	139	6	0	153	0	3	0	0	3	0	0	0	0	0	0
11:45	5	119	5	0	129	0	3	2	0	5	0	0	0	0	0	0
12:00	7	138	8	0	153	0	3	1	0	4	0	0	0	0	0	0
12:15	6	119	5	0	130	0	4	0	0	4	0	0	0	0	0	0
12:30	4	129	9	0	142	0	4	0	0	4	0	0	0	0	0	0
12:45	1	127	10	0	138	0	1	2	0	3	0	0	0	0	0	0
SUBTOTAL	38	954	59	0	1051	0	28	7	0	35	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	2	105	5	0	112	0	3	1	0	4	0	0	0	0	0	1
15:15	1	157	8	0	166	0	1	2	0	3	0	0	0	0	0	0
15:30	3	167	10	0	180	0	4	1	0	5	0	0	0	0	0	0
15:45	4	181	9	0	194	0	2	1	0	3	0	0	0	0	0	0
16:00	4	172	22	0	198	0	6	3	0	9	0	0	0	0	0	0
16:15	8	200	8	0	216	0	4	0	0	4	0	0	0	0	0	0
16:30	4	187	25	0	216	0	0	0	0	0	0	0	0	0	0	0
16:45	4	151	14	0	169	0	2	0	0	2	0	0	0	0	0	0
17:00	4	197	22	0	223	0	1	0	0	1	0	0	0	0	0	0
17:15	7	163	21	0	191	0	1	0	0	1	0	0	0	0	0	0
17:30	4	148	10	0	162	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	45	1828	154	0	2027	0	24	8	0	32	0	0	0	0	0	1
GRAND TOTAL	87	3629	259	0	3975	0	114	19	0	133	0	0	0	0	0	1

Peak Hour Diagram

Specified Period

From: 07:00:00

To: 10:00:00

One Hour Peak

From: 09:00:00

To: 10:00:00

Intersection: St. Andre Rd & Notre-Dame St

Site Code: 2416900022




Count Date: Apr 25, 2024

Weather conditions: Clear

**** Unsignalized Intersection ****


Major Road: Notre-Dame St runs E/W


North Approach

	Out	In	Total
	1	14	15
	0	0	0
	0	0	0
Totals	1	14	15




St. Andre Rd

	0	0	0	0
	0	0	0	0
	0	0	1	0
Totals	0	0	1	0










East Approach

	Out	In	Total
	432	385	817
	21	16	37
	0	0	0
Totals	453	401	854

Notre-Dame St

				Totals
	0	0	0	0
	0	0	3	3
	0	16	359	375
	0	2	10	12

Peds: 5








Peds: 0






Peds: 0








Peds: 0

Notre-Dame St

Totals			
	0	0	0
	8	8	0
	416	397	19
	29	27	2




West Approach

	Out	In	Total
	372	423	795
	18	20	38
	0	0	0
Totals	390	443	833


Totals				
	27	3	25	0
	1	0	0	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	54	37	91
	1	4	5
	0	0	0
Totals	55	41	96

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (09:00 - 10:00)

Start Time	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
09:00	0	0	0	0	3	0	5	1	2	0	0	8	11	104	1	0	0	116	0	81	4	0	0	85	209
09:15	0	0	0	0	1	0	8	1	5	0	0	14	7	119	2	0	0	128	2	96	4	0	0	102	244
09:30	0	0	0	0	1	0	5	1	6	0	0	12	4	85	1	0	0	90	1	100	0	0	0	101	203
09:45	1	0	0	0	0	1	9	0	12	0	0	21	7	108	4	0	0	119	0	98	4	0	0	102	243
Grand Total	1	0	0	0	5	1	27	3	25	0	0	55	29	416	8	0	0	453	3	375	12	0	0	390	899
Approach %	100	0	0	0	-	-	49.1	5.5	45.5	0	-	-	6.4	91.8	1.8	0	-	-	0.8	96.2	3.1	0	-	-	-
Totals %	0.1	0	0	0	0.1	0.1	3	0.3	2.8	0	6.1	6.1	3.2	46.3	0.9	0	50.4	50.4	0.3	41.7	1.3	0	43.4	43.4	43.4
PHF	0.25	0	0	0	0.25	0.25	0.75	0.75	0.52	0	0.65	0.65	0.66	0.87	0.5	0	0.88	0.88	0.38	0.94	0.75	0	0.96	0.96	0.92
Cars	1	0	0	0	1	1	26	3	25	0	54	54	27	397	8	0	432	432	3	359	10	0	372	372	859
% Cars	100	0	0	0	100	100	96.3	100	100	0	98.2	98.2	93.1	95.4	100	0	95.4	95.4	100	95.7	83.3	0	95.4	95.4	95.6
Trucks	0	0	0	0	0	0	1	0	0	0	1	1	2	19	0	0	21	21	0	16	2	0	18	18	40
% Trucks	0	0	0	0	0	0	3.7	0	0	0	1.8	1.8	6.9	4.6	0	0	4.6	4.6	0	4.3	16.7	0	4.6	4.6	4.4
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					5	-					0	-					0	-					0	-	5
% Peds					100	-					0	-					0	-					0	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Count Date: Apr 25, 2024

Weather conditions: Clear


**** Unsignalized Intersection ****

Major Road: Notre-Dame St runs E/W


North Approach

	Out	In	Total
	4	54	58
	0	0	0
	0	0	0
Totals	4	54	58




St. Andre Rd

	0	0	0	0
	0	0	0	0
	0	0	4	0
Totals	0	0	4	0













East Approach

	Out	In	Total
	563	577	1140
	6	13	19
	0	0	0
Totals	569	590	1159

Notre-Dame St

				Totals
	0	0	0	0
	0	0	18	18
	0	12	513	525
	0	3	32	35

Peds: 12








Peds: 0






Peds: 0








Peds: 0

Notre-Dame St

Totals			
	0	0	0
	33	33	0
	495	489	6
	41	41	0




West Approach

	Out	In	Total
	563	511	1074
	15	8	23
	0	0	0
Totals	578	519	1097


Totals				
	22	3	60	0
	2	0	1	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	85	73	158
	3	3	6
	0	0	0
Totals	88	76	164

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00	1	0	0	0	3	1	6	0	12	0	0	18	6	135	10	0	0	151	7	141	9	0	0	157	327
12:15	1	0	0	0	3	1	6	0	14	0	0	20	13	99	10	0	0	122	6	123	5	0	0	134	277
12:30	0	0	0	0	4	0	3	2	16	0	0	21	7	136	9	0	0	152	4	133	9	0	0	146	319
12:45	2	0	0	0	2	2	9	1	19	0	0	29	15	125	4	0	0	144	1	128	12	0	0	141	316
Grand Total	4	0	0	0	12	4	24	3	61	0	0	88	41	495	33	0	0	569	18	525	35	0	0	578	1239
Approach %	100	0	0	0	-	-	27.3	3.4	69.3	0	-	-	7.2	87	5.8	0	-	-	3.1	90.8	6.1	0	-	-	-
Totals %	0.3	0	0	0	0.3	0.3	1.9	0.2	4.9	0	7.1	7.1	3.3	40	2.7	0	45.9	45.9	1.5	42.4	2.8	0	46.7	46.7	46.7
PHF	0.5	0	0	0	0.5	0.5	0.67	0.38	0.8	0	0.76	0.76	0.68	0.91	0.83	0	0.94	0.94	0.64	0.93	0.73	0	0.92	0.92	0.95
Cars	4	0	0	0	4	4	22	3	60	0	85	85	41	489	33	0	563	563	18	513	32	0	563	563	1215
% Cars	100	0	0	0	100	100	91.7	100	98.4	0	96.6	96.6	100	98.8	100	0	98.9	98.9	100	97.7	91.4	0	97.4	97.4	98.1
Trucks	0	0	0	0	0	0	2	0	1	0	3	3	0	6	0	0	6	6	0	12	3	0	15	15	24
% Trucks	0	0	0	0	0	0	8.3	0	1.6	0	3.4	3.4	0	1.2	0	0	1.1	1.1	0	2.3	8.6	0	2.6	2.6	1.9
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					12	-					0	-					0	-					0	-	12
% Peds					100	-					0	-					0	-					0	-	100

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****



Major Road: Notre-Dame St runs E/W


North Approach

	Out	In	Total
	4	44	48
	0	0	0
	0	0	0
Totals	4	44	48




St. Andre Rd

	0	0	0	0
	0	0	0	0
	1	1	2	0
Totals	1	1	2	0













East Approach

	Out	In	Total
	621	805	1426
	7	13	20
	0	0	0
Totals	628	818	1446

Notre-Dame St

				Totals
	0	0	0	0
	0	0	20	20
	0	12	740	752
	0	4	64	68

Peds: 9










Peds: 0




Peds: 0








Peds: 0

Notre-Dame St

Totals			
	0	0	0
	24	24	0
	538	532	6
	66	65	1




West Approach

	Out	In	Total
	824	557	1381
	16	10	26
	0	0	0
Totals	840	567	1407


Totals				
	28	0	64	0
	4	0	1	0
	0	0	0	0

St. Andre Rd

South Approach

	Out	In	Total
	87	130	217
	5	5	10
	0	0	0
Totals	92	135	227

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Andre Rd & Notre-Dame St
Site Code: 2416900022
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach St. Andre Rd						South Approach St. Andre Rd						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45	0	0	0	0	3	0	1	0	18	0	0	19	19	129	12	0	0	160	4	183	10	0	0	197	376
16:00	1	0	0	0	3	1	9	0	19	0	0	28	16	135	3	0	0	154	4	178	25	0	0	207	390
16:15	0	0	1	0	1	1	9	0	17	0	0	26	15	131	6	0	0	152	8	204	8	0	0	220	399
16:30	1	1	0	0	2	2	9	0	10	0	0	19	16	143	3	0	0	162	4	187	25	0	0	216	399
Grand Total	2	1	1	0	9	4	28	0	64	0	0	92	66	538	24	0	0	628	20	752	68	0	0	840	1564
Approach %	50	25	25	0	-	-	30.4	0	69.6	0	-	-	10.5	85.7	3.8	0	-	-	2.4	89.5	8.1	0	-	-	-
Totals %	0.1	0.1	0.1	0	0.3	0.3	1.8	0	4.1	0	5.9	5.9	4.2	34.4	1.5	0	40.2	40.2	1.3	48.1	4.3	0	53.7	53.7	53.7
PHF	0.5	0.25	0.25	0	0.5	0.5	0.78	0	0.84	0	0.82	0.82	0.87	0.94	0.5	0	0.97	0.97	0.63	0.92	0.68	0	0.95	0.95	0.98
Cars	2	1	1	0	4	4	24	0	63	0	87	87	65	532	24	0	621	621	20	740	64	0	824	824	1536
% Cars	100	100	100	0	100	100	85.7	0	98.4	0	94.6	94.6	98.5	98.9	100	0	98.9	98.9	100	98.4	94.1	0	98.1	98.1	98.2
Trucks	0	0	0	0	0	0	4	0	1	0	5	5	1	6	0	0	7	7	0	12	4	0	16	16	28
% Trucks	0	0	0	0	0	0	14.3	0	1.6	0	5.4	5.4	1.5	1.1	0	0	1.1	1.1	0	1.6	5.9	0	1.9	1.9	1.8
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peds					9	-					0	-					0	-					0	-	9
% Peds					100	-					0	-					0	-					0	-	-

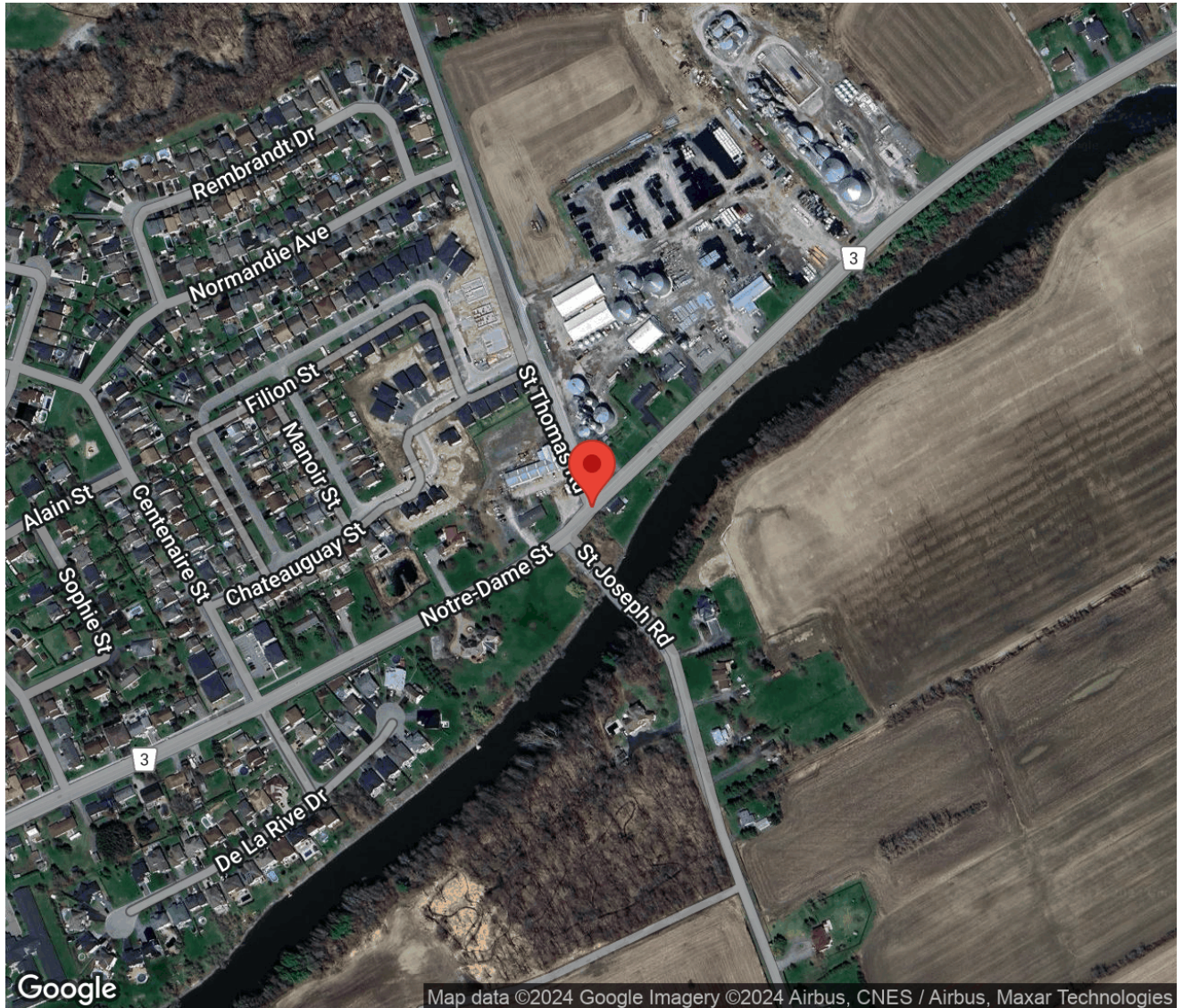
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: St. Thomas Rd & Notre-Dame St
Municipality: Russell Twp
Count Date: Wednesday, Apr 24, 2024
Site Code: 2416900023
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	St. Thomas Rd & Notre-Dame St
Site Code:	2416900023
Municipality:	Russell Twp
Count Date:	Apr 24, 2024



Traffic Count Summary

Intersection: St. Thomas Rd & Notre-Dame St
 Site Code: 2416900023
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

St. Thomas Rd - Traffic Summary

Hour	North Approach Totals						South Approach Totals						Total
	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	25	0	56	0	81	0	0	0	0	0	0	0	81
08:00 - 09:00	18	0	53	0	71	0	0	0	0	0	0	0	71
09:00 - 10:00	31	0	53	0	84	0	0	0	0	0	0	0	84
BREAK													
11:00 - 12:00	5	0	33	0	38	0	0	0	0	0	0	0	38
12:00 - 13:00	16	0	41	0	57	0	0	0	0	0	0	0	57
BREAK													
15:00 - 16:00	13	0	55	0	68	0	0	0	0	0	0	0	68
16:00 - 17:00	22	0	67	0	89	0	0	0	0	0	0	0	89
17:00 - 18:00	10	0	70	0	80	0	0	0	0	0	0	0	80
GRAND TOTAL	140	0	428	0	568	0	0	0	0	0	0	0	568

Traffic Count Summary

Intersection: St. Thomas Rd & Notre-Dame St
 Site Code: 2416900023
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

Notre-Dame St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	160	9	0	169	0	39	132	0	0	171	0	340
08:00 - 09:00	0	184	18	0	202	0	36	151	0	0	187	0	389
09:00 - 10:00	0	177	28	0	205	0	22	121	0	0	143	0	348
BREAK													
11:00 - 12:00	0	141	25	0	166	0	40	157	0	0	197	0	363
12:00 - 13:00	0	136	20	0	156	0	47	151	0	0	198	2	354
BREAK													
15:00 - 16:00	0	175	14	0	189	0	59	243	0	0	302	0	491
16:00 - 17:00	0	164	25	0	189	0	79	290	0	0	369	0	558
17:00 - 18:00	0	169	25	0	194	0	72	249	0	0	321	0	515
GRAND TOTAL	0	1306	164	0	1470	0	394	1494	0	0	1888	2	3358

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Thomas Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	4	0	9	0	13	2	0	0	0	2	0	0	0	0	0	0
07:15	4	0	9	0	13	0	0	0	0	0	0	0	0	0	0	0
07:30	8	0	12	0	20	1	0	1	0	2	0	0	0	0	0	0
07:45	5	0	24	0	29	1	0	1	0	2	0	0	0	0	0	0
08:00	4	0	16	0	20	2	0	1	0	3	0	0	0	0	0	0
08:15	2	0	10	0	12	3	0	0	0	3	0	0	0	0	0	0
08:30	5	0	13	0	18	0	0	0	0	0	0	0	0	0	0	0
08:45	2	0	13	0	15	0	0	0	0	0	0	0	0	0	0	0
09:00	6	0	16	0	22	3	0	1	0	4	0	0	0	0	0	0
09:15	11	0	13	0	24	3	0	0	0	3	0	0	0	0	0	0
09:30	2	0	13	0	15	1	0	1	0	2	0	0	0	0	0	0
09:45	5	0	8	0	13	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	58	0	156	0	214	16	0	6	0	22	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
 Site Code: 2416900023
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

North Approach - St. Thomas Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	3	0	8	0	11	0	0	1	0	1	0	0	0	0	0	0
11:15	0	0	8	0	8	0	0	1	0	1	0	0	0	0	0	0
11:30	1	0	9	0	10	0	0	0	0	0	0	0	0	0	0	0
11:45	1	0	6	0	7	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	14	0	14	0	0	0	0	0	0	0	0	0	0	0
12:15	2	0	12	0	14	0	0	1	0	1	0	0	0	0	0	0
12:30	4	0	4	0	8	2	0	0	0	2	0	0	0	0	0	0
12:45	7	0	10	0	17	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	18	0	71	0	89	3	0	3	0	6	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

North Approach - St. Thomas Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	2	0	8	0	10	0	0	0	0	0	0	0	0	0	0	0
15:15	1	0	9	0	10	0	0	0	0	0	0	0	0	0	0	0
15:30	5	0	20	0	25	1	0	1	0	2	0	0	0	0	0	0
15:45	4	0	14	0	18	0	0	3	0	3	0	0	0	0	0	0
16:00	3	0	15	0	18	0	0	0	0	0	0	0	0	0	0	0
16:15	8	0	17	0	25	1	0	0	0	1	0	0	0	0	0	0
16:30	6	0	18	0	24	0	0	0	0	0	0	0	0	0	0	0
16:45	4	0	17	0	21	0	0	0	0	0	0	0	0	0	0	0
17:00	3	0	15	0	18	0	0	0	0	0	0	0	0	0	0	0
17:15	2	0	20	0	22	0	0	0	0	0	0	0	0	0	0	0
17:30	1	0	12	0	13	0	0	0	0	0	0	0	0	0	0	0
17:45	4	0	22	0	26	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	43	0	187	0	230	2	0	5	0	7	0	0	0	0	0	0
GRAND TOTAL	119	0	414	0	533	21	0	14	0	35	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	32	1	0	33	0	0	0	0	0	0	0	0	0	0	0
07:15	0	41	3	0	44	0	4	1	0	5	0	0	0	0	0	0
07:30	0	40	1	0	41	0	1	0	0	1	0	0	0	0	0	0
07:45	0	40	3	0	43	0	2	0	0	2	0	0	0	0	0	0
08:00	0	47	4	0	51	0	5	1	0	6	0	0	0	0	0	0
08:15	0	40	4	0	44	0	2	0	0	2	0	0	0	0	0	0
08:30	0	43	2	0	45	0	4	0	0	4	0	0	0	0	0	0
08:45	0	41	6	0	47	0	2	1	0	3	0	0	0	0	0	0
09:00	0	39	4	0	43	0	2	1	0	3	0	0	0	0	0	0
09:15	0	37	5	0	42	0	4	1	0	5	0	0	0	0	0	0
09:30	0	54	9	0	63	0	2	1	0	3	0	0	0	0	0	0
09:45	0	37	7	0	44	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	491	49	0	540	0	30	6	0	36	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
 Site Code: 2416900023
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	27	7	0	34	0	3	0	0	3	0	0	0	0	0	0
11:15	0	43	4	0	47	0	1	0	0	1	0	0	0	0	0	0
11:30	0	31	7	0	38	0	2	3	0	5	0	0	0	0	0	0
11:45	0	33	3	0	36	0	1	1	0	2	0	0	0	0	0	0
12:00	0	31	6	0	37	0	3	1	0	4	0	0	0	0	0	0
12:15	0	34	2	0	36	0	1	1	0	2	0	0	0	0	0	0
12:30	0	28	3	0	31	0	0	0	0	0	0	0	0	0	0	0
12:45	0	37	7	0	44	0	2	0	0	2	0	0	0	0	0	0
SUBTOTAL	0	264	39	0	303	0	13	6	0	19	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

East Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	42	3	0	45	0	4	1	0	5	0	0	0	0	0	0
15:15	0	38	1	0	39	0	4	0	0	4	0	0	0	0	0	0
15:30	0	31	3	0	34	0	3	0	0	3	0	0	0	0	0	0
15:45	0	51	5	0	56	0	2	1	0	3	0	0	0	0	0	0
16:00	0	40	2	0	42	0	1	0	0	1	0	0	0	0	0	0
16:15	0	39	7	0	46	0	1	0	0	1	0	0	0	0	0	0
16:30	0	39	10	0	49	0	5	0	0	5	0	0	0	0	0	0
16:45	0	39	6	0	45	0	0	0	0	0	0	0	0	0	0	0
17:00	0	40	4	0	44	0	0	0	0	0	0	0	0	0	0	0
17:15	0	54	10	0	64	0	1	0	0	1	0	0	0	0	0	0
17:30	0	38	6	0	44	0	0	1	0	1	0	0	0	0	0	0
17:45	0	35	4	0	39	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	0	486	61	0	547	0	22	3	0	25	0	0	0	0	0	0
GRAND TOTAL	0	1241	149	0	1390	0	65	15	0	80	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	6	26	0	0	32	0	0	0	0	0	0	0	0	0	0	0
07:15	12	28	0	0	40	0	2	0	0	2	0	0	0	0	0	0
07:30	15	38	0	0	53	0	3	0	0	3	0	0	0	0	0	0
07:45	6	33	0	0	39	0	2	0	0	2	0	0	0	0	0	0
08:00	9	34	0	0	43	5	2	0	0	7	0	0	0	0	0	0
08:15	7	37	0	0	44	0	6	0	0	6	0	0	0	0	0	0
08:30	5	42	0	0	47	2	2	0	0	4	0	0	0	0	0	0
08:45	8	27	0	0	35	0	1	0	0	1	0	0	0	0	0	0
09:00	6	36	0	0	42	0	2	0	0	2	0	0	0	0	0	0
09:15	6	25	0	0	31	0	0	0	0	0	0	0	0	0	0	0
09:30	5	28	0	0	33	0	1	0	0	1	0	0	0	0	0	0
09:45	5	29	0	0	34	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	90	383	0	0	473	7	21	0	0	28	0	0	0	0	0	0

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
 Site Code: 2416900023
 Municipality: Russell Twp
 Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	10	46	0	0	56	0	4	0	0	4	0	0	0	0	0	0
11:15	15	34	0	0	49	1	1	0	0	2	0	0	0	0	0	0
11:30	9	41	0	0	50	0	0	0	0	0	0	0	0	0	0	0
11:45	5	28	0	0	33	0	3	0	0	3	0	0	0	0	0	0
12:00	15	28	0	0	43	0	0	0	0	0	0	0	0	0	0	0
12:15	10	41	0	0	51	0	3	0	0	3	0	0	0	0	0	0
12:30	11	42	0	0	53	2	1	0	0	3	0	0	0	0	0	0
12:45	9	35	0	0	44	0	1	0	0	1	0	0	0	0	0	2
SUBTOTAL	84	295	0	0	379	3	13	0	0	16	0	0	0	0	0	2

Traffic Count Data

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Municipality: Russell Twp
Count Date: Apr 24, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	11	54	0	0	65	0	3	0	0	3	0	0	0	0	0	0
15:15	6	64	0	0	70	0	3	0	0	3	0	0	0	0	0	0
15:30	13	66	0	0	79	0	2	0	0	2	0	0	0	0	0	0
15:45	28	50	0	0	78	1	1	0	0	2	0	0	0	0	0	0
16:00	18	75	0	0	93	1	1	0	0	2	0	0	0	0	0	0
16:15	19	74	0	0	93	0	3	0	0	3	0	0	0	0	0	0
16:30	22	66	0	0	88	0	1	0	0	1	0	0	0	0	0	0
16:45	19	70	0	0	89	0	0	0	0	0	0	0	0	0	0	0
17:00	21	81	0	0	102	0	0	0	0	0	0	0	0	0	0	0
17:15	14	61	0	0	75	0	1	0	0	1	0	0	0	0	0	0
17:30	15	58	0	0	73	0	0	0	0	0	0	0	0	0	0	0
17:45	22	48	0	0	70	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	208	767	0	0	975	2	15	0	0	17	0	0	0	0	0	0
GRAND TOTAL	382	1445	0	0	1827	12	49	0	0	61	0	0	0	0	0	2

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:30:00
To: 08:30:00




Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	81	49	130
	10	6	16
	0	0	0
	91	55	146

St. Thomas Rd




	0	0	0
	3	7	0
	62	19	0
Totals	65	26	0








East Approach

	Out	In	Total
	179	161	340
	11	20	31
	0	0	0
	190	181	371

Notre-Dame St

				Totals
	0	0	0	0
	0	5	37	42
	0	13	142	155




Peds: 0




Peds: 0



Peds: 0




Notre-Dame St

Totals			
0	0	0	0
13	12	1	0
177	167	10	0






Peds: 0

West Approach

	Out	In	Total
	179	229	408
	18	13	31
	0	0	0
	197	242	439

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:30 - 08:30)

Start Time	North Approach St. Thomas Rd						South Approach						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:30	9		13	0	0	22					0			41	1	0	0	42	15	41		0	0	56	120
07:45	6		25	0	0	31					0			42	3	0	0	45	6	35		0	0	41	117
08:00	6		17	0	0	23					0			52	5	0	0	57	14	36		0	0	50	130
08:15	5		10	0	0	15					0			42	4	0	0	46	7	43		0	0	50	111
Grand Total	26		65	0	0	91					0	0		177	13	0	0	190	42	155		0	0	197	478
Approach %	28.6		71.4	0	-	-					-	-		93.2	6.8	0	-	-	21.3	78.7		0	-	-	-
Totals %	5.4		13.6	0	-	19					0			37	2.7	0	-	39.7	8.8	32.4		0	-	41.2	
PHF	0.72		0.65	0	-	0.73					0			0.85	0.65	0	-	0.83	0.7	0.9		0	-	0.88	0.92
Cars	19		62	0	-	81					0			167	12	0	-	179	37	142		0	-	179	439
% Cars	73.1		95.4	0	-	89					0			94.4	92.3	0	-	94.2	88.1	91.6		0	-	90.9	91.8
Trucks	7		3	0	-	10					0			10	1	0	-	11	5	13		0	-	18	39
% Trucks	26.9		4.6	0	-	11					0			5.6	7.7	0	-	5.8	11.9	8.4		0	-	9.1	8.2
Bicycles	0		0	0	-	0					0			0	0	0	-	0	0	0		0	-	0	0
% Bicycles	0		0	0	-	0					0			0	0	0	-	0	0	0		0	-	0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 12:00:00
To: 13:00:00




Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	53	63	116
	4	4	8
	0	0	0
	57	67	124

St. Thomas Rd




	0	0	0
	1	3	0
	40	13	0
Totals	41	16	0








East Approach

	Out	In	Total
	148	159	307
	8	8	16
	0	0	0
	156	167	323

Notre-Dame St

				Totals
	0	0	0	0
	0	2	45	47
	0	5	146	151

Peds: 2




Peds: 0






Peds: 0




Peds: 0

Notre-Dame St


Totals			
0	0	0	0
20	18	2	0
136	130	6	0

West Approach

	Out	In	Total
	191	170	361
	7	7	14
	0	0	0
	198	177	375

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Thomas Rd						South Approach						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↺	Peds	Total	←	↑	→	↺	Peds	Total	←	↑	→	↺	Peds	Total	←	↑	→	↺	Peds	Total	
12:00	0		14	0	0	14					0			34	7	0	0	41	15	28		0	0	43	98
12:15	2		13	0	0	15					0			35	3	0	0	38	10	44		0	0	54	107
12:30	6		4	0	0	10					0			28	3	0	0	31	13	43		0	0	56	97
12:45	8		10	0	0	18					0			39	7	0	0	46	9	36		0	2	45	109
Grand Total	16		41	0	0	57					0	0		136	20	0	0	156	47	151		0	2	198	411
Approach %	28.1		71.9	0	-	-					-	-		87.2	12.8	0	-	-	23.7	76.3		0	-	-	-
Totals %	3.9		10	0	-	13.9					0	-		33.1	4.9	0	-	38	11.4	36.7		0	-	48.2	-
PHF	0.5		0.73	0	-	0.79					0	-		0.87	0.71	0	-	0.85	0.78	0.86		0	-	0.88	0.94
Cars	13		40	0	-	53					0	-		130	18	0	-	148	45	146		0	-	191	392
% Cars	81.3		97.6	0	-	93					0	-		95.6	90	0	-	94.9	95.7	96.7		0	-	96.5	95.4
Trucks	3		1	0	-	4					0	-		6	2	0	-	8	2	5		0	-	7	19
% Trucks	18.8		2.4	0	-	7					0	-		4.4	10	0	-	5.1	4.3	3.3		0	-	3.5	4.6
Bicycles	0		0	0	-	0					0	-		0	0	0	-	0	0	0		0	-	0	0
% Bicycles	0		0	0	-	0					0	-		0	0	0	-	0	0	0		0	-	0	0
Peds					0	-					0	-					0	-					2	-	2
% Peds					0	-					0	-					0	-					100	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:15:00
To: 17:15:00




Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: Notre-Dame St runs E/W

North Approach




	Out	In	Total
	88	108	196
	1	0	1
	0	0	0
	89	108	197

St. Thomas Rd




	0	0	0
	0	1	0
	67	21	0
Totals	67	22	0








East Approach

	Out	In	Total
	184	312	496
	6	5	11
	0	0	0
	190	317	507

Notre-Dame St

				Totals
	0	0	0	0
	0	0	81	81
	0	4	291	295

Peds: 0









Peds: 0

Peds: 0




Peds: 0

Notre-Dame St


Totals			
0	0	0	0
27	27	0	0
163	157	6	0

West Approach

	Out	In	Total
	372	224	596
	4	6	10
	0	0	0
	376	230	606

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: St. Thomas Rd & Notre-Dame St
Site Code: 2416900023
Count Date: Apr 24, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:15 - 17:15)

Start Time	North Approach St. Thomas Rd						South Approach						East Approach Notre-Dame St						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:15	9		17	0	0	26					0			40	7	0	0	47	19	77		0	0	96	169
16:30	6		18	0	0	24					0			44	10	0	0	54	22	67		0	0	89	167
16:45	4		17	0	0	21					0			39	6	0	0	45	19	70		0	0	89	155
17:00	3		15	0	0	18					0			40	4	0	0	44	21	81		0	0	102	164
Grand Total	22		67	0	0	89					0	0		163	27	0	0	190	81	295		0	0	376	655
Approach %	24.7		75.3	0	-	-					-	-		85.8	14.2	0	-	-	21.5	78.5		0	-	-	-
Totals %	3.4		10.2	0		13.6					0			24.9	4.1	0		29	12.4	45		0		57.4	
PHF	0.61		0.93	0		0.86					0			0.93	0.68	0		0.88	0.92	0.91		0		0.92	0.97
Cars	21		67	0		88					0			157	27	0		184	81	291		0		372	644
% Cars	95.5		100	0		98.9					0			96.3	100	0		96.8	100	98.6		0		98.9	98.3
Trucks	1		0	0		1					0			6	0	0		6	0	4		0		4	11
% Trucks	4.5		0	0		1.1					0			3.7	0	0		3.2	0	1.4		0		1.1	1.7
Bicycles	0		0	0		0					0			0	0	0		0	0	0		0		0	0
% Bicycles	0		0	0		0					0			0	0	0		0	0	0		0		0	0
Peds					0	-					0	-					0	-					0	-	0
% Peds					0	-					0	-					0	-					0	-	-

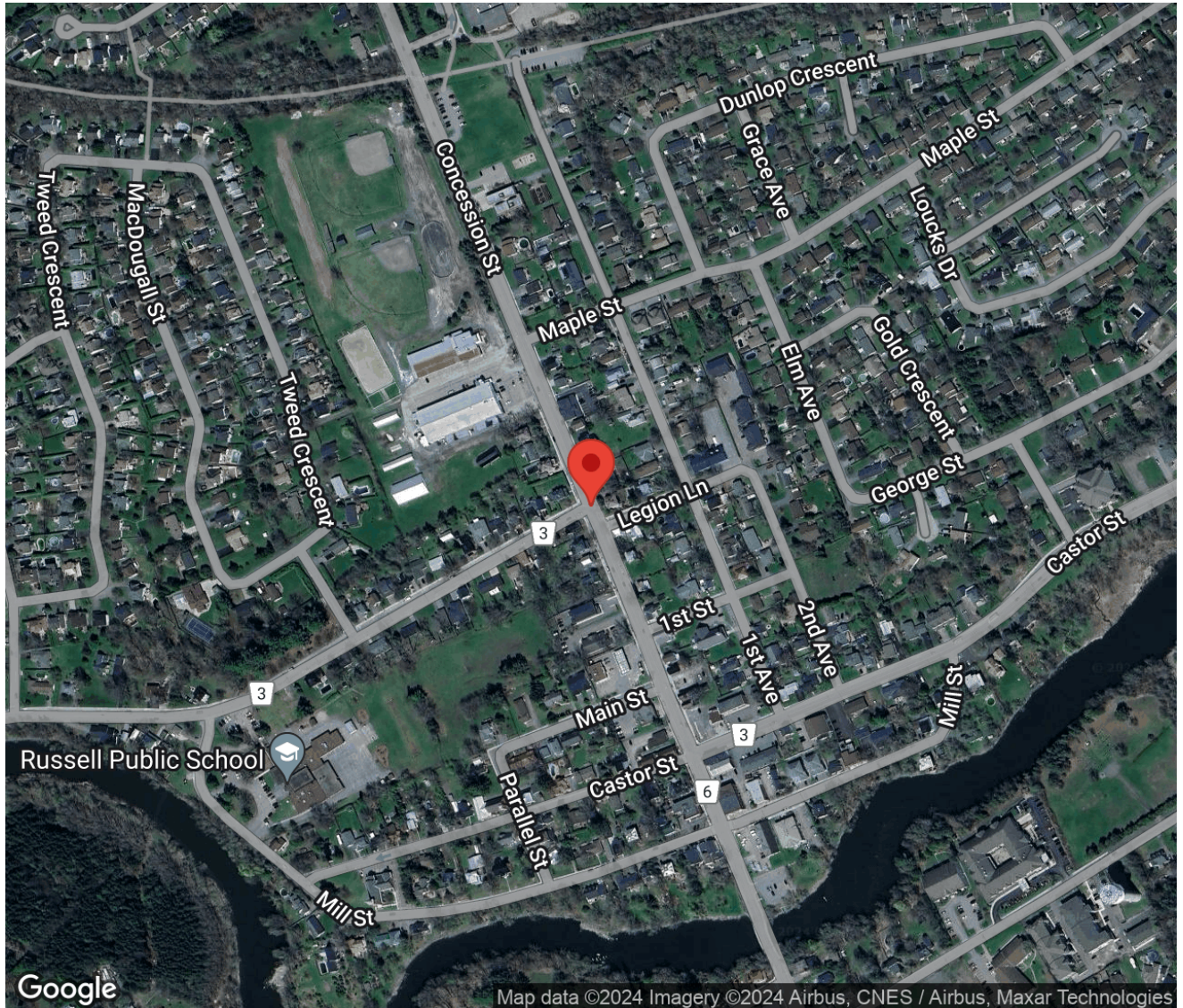
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Craig St & Concession St
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900015
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Craig St & Concession St
Site Code:	2416900015
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

Concession St - Traffic Summary

North Approach Totals							South Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	121	98	0	219	1	194	137	0	0	331	1	550
08:00 - 09:00	0	96	88	0	184	8	172	107	0	0	279	1	463
09:00 - 10:00	0	106	83	0	189	7	168	88	0	0	256	5	445
BREAK													
11:00 - 12:00	0	88	76	0	164	3	171	106	0	0	277	1	441
12:00 - 13:00	0	90	57	0	147	0	181	78	0	0	259	0	406
BREAK													
15:00 - 16:00	0	146	78	0	224	16	190	134	0	0	324	10	548
16:00 - 17:00	0	166	106	0	272	15	212	131	0	0	343	7	615
17:00 - 18:00	0	115	58	0	173	3	154	125	0	0	279	1	452
GRAND TOTAL	0	928	644	0	1572	53	1442	906	0	0	2348	26	3920

Traffic Count Summary

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

Craig St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	82	0	125	0	207	1	207
08:00 - 09:00	0	0	0	0	0	0	65	0	145	0	210	7	210
09:00 - 10:00	0	0	0	0	0	0	78	0	175	0	253	4	253
BREAK													
11:00 - 12:00	0	0	0	0	0	0	61	0	206	0	267	43	267
12:00 - 13:00	0	0	0	0	0	0	67	0	141	0	208	1	208
BREAK													
15:00 - 16:00	0	0	0	0	0	0	111	0	221	0	332	12	332
16:00 - 17:00	0	0	0	0	0	0	109	0	321	0	430	8	430
17:00 - 18:00	0	0	0	0	0	0	127	0	245	0	372	3	372
GRAND TOTAL	0	0	0	0	0	0	700	0	1579	0	2279	79	2279

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	9	19	0	28	0	2	0	0	2	0	0	0	0	0	0
07:15	0	21	23	0	44	0	0	0	0	0	0	0	0	0	0	0
07:30	0	34	22	0	56	0	8	0	0	8	0	0	0	0	0	1
07:45	0	38	33	0	71	0	9	1	0	10	0	0	0	0	0	0
08:00	0	40	30	0	70	0	7	0	0	7	0	0	0	0	0	2
08:15	0	18	18	0	36	0	0	0	0	0	0	0	0	0	0	0
08:30	0	12	19	0	31	0	1	2	0	3	0	0	0	0	0	0
08:45	0	17	19	0	36	0	1	0	0	1	0	0	0	0	0	6
09:00	0	26	20	0	46	0	1	0	0	1	0	0	0	0	0	5
09:15	0	30	24	0	54	0	0	3	0	3	0	0	0	0	0	2
09:30	0	19	24	0	43	0	7	1	0	8	0	0	0	0	0	0
09:45	0	21	10	0	31	0	2	1	0	3	0	0	0	0	0	0
SUBTOTAL	0	285	261	0	546	0	38	8	0	46	0	0	0	0	0	16

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	28	17	0	45	0	1	0	0	1	0	0	0	0	0	0
11:15	0	25	21	0	46	0	1	0	0	1	0	0	0	0	0	0
11:30	0	11	23	0	34	0	0	0	0	0	0	0	0	0	0	3
11:45	0	21	15	0	36	0	1	0	0	1	0	0	0	0	0	0
12:00	0	25	21	0	46	0	1	1	0	2	0	0	0	0	0	0
12:15	0	21	12	0	33	0	1	0	0	1	0	0	0	0	0	0
12:30	0	28	13	0	41	0	0	1	0	1	0	0	0	0	0	0
12:45	0	14	9	0	23	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	173	131	0	304	0	5	2	0	7	0	0	0	0	0	3

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	0	37	19	0	56	0	0	1	0	1	0	0	0	0	0	0
15:15	0	34	16	0	50	0	1	0	0	1	0	0	0	0	0	4
15:30	0	28	20	0	48	0	1	0	0	1	0	0	0	0	0	11
15:45	0	39	22	0	61	0	6	0	0	6	0	0	0	0	0	1
16:00	0	48	30	0	78	0	1	1	0	2	0	0	0	0	0	2
16:15	0	32	27	0	59	0	1	1	0	2	0	0	0	0	0	2
16:30	0	42	23	0	65	0	0	0	0	0	0	0	0	0	0	6
16:45	0	42	24	0	66	0	0	0	0	0	0	0	0	0	0	5
17:00	0	36	19	0	55	0	0	0	0	0	0	0	0	0	0	1
17:15	0	24	15	0	39	0	0	0	0	0	0	0	0	0	0	2
17:30	0	27	16	0	43	0	0	0	0	0	0	0	0	0	0	0
17:45	0	28	8	0	36	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	417	239	0	656	0	10	3	0	13	0	0	0	0	0	34
GRAND TOTAL	0	875	631	0	1506	0	53	13	0	66	0	0	0	0	0	53

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	37	22	0	0	59	0	0	0	0	0	0	0	0	0	0	0
07:15	50	30	0	0	80	1	1	0	0	2	0	0	0	0	0	0
07:30	48	28	0	0	76	2	6	0	0	8	0	0	0	0	0	1
07:45	53	44	0	0	97	3	6	0	0	9	0	0	0	0	0	0
08:00	40	41	0	0	81	2	1	0	0	3	0	0	0	0	0	0
08:15	43	25	0	0	68	1	0	0	0	1	0	0	0	0	0	0
08:30	48	14	0	0	62	1	2	0	0	3	0	0	0	0	0	0
08:45	36	21	0	0	57	1	3	0	0	4	0	0	0	0	0	1
09:00	45	19	0	0	64	1	1	0	0	2	0	0	0	0	0	0
09:15	40	24	0	0	64	0	5	0	0	5	0	0	0	0	0	3
09:30	45	18	0	0	63	0	1	0	0	1	0	0	0	0	0	2
09:45	35	20	0	0	55	2	0	0	0	2	0	0	0	0	0	0
SUBTOTAL	520	306	0	0	826	14	26	0	0	40	0	0	0	0	0	7

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	38	23	0	0	61	1	0	0	0	1	0	0	0	0	0	0
11:15	39	32	0	0	71	1	3	0	0	4	0	0	0	0	0	1
11:30	47	15	0	0	62	1	1	0	0	2	0	0	0	0	0	0
11:45	42	31	0	0	73	2	1	0	0	3	0	0	0	0	0	0
12:00	50	20	0	0	70	1	0	0	0	1	0	0	0	0	0	0
12:15	43	17	0	0	60	1	2	0	0	3	0	0	0	0	0	0
12:30	39	21	0	0	60	0	0	0	0	0	0	0	0	0	0	0
12:45	46	18	0	0	64	1	0	0	0	1	0	0	0	0	0	0
SUBTOTAL	344	177	0	0	521	8	7	0	0	15	0	0	0	0	0	1

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	52	26	0	0	78	2	1	0	0	3	0	0	0	0	0	1
15:15	43	37	0	0	80	1	1	0	0	2	0	0	0	0	0	1
15:30	40	33	0	0	73	1	2	0	0	3	0	0	0	0	0	3
15:45	50	33	0	0	83	1	1	0	0	2	0	0	0	0	0	5
16:00	51	22	0	0	73	1	0	0	0	1	0	2	0	0	2	6
16:15	58	34	0	0	92	0	5	0	0	5	0	0	0	0	0	0
16:30	55	39	0	0	94	1	0	0	0	1	0	1	0	0	1	1
16:45	45	25	0	0	70	1	2	0	0	3	0	1	0	0	1	0
17:00	30	27	0	0	57	1	0	0	0	1	0	0	0	0	0	0
17:15	48	20	0	0	68	0	1	0	0	1	0	0	0	0	0	1
17:30	51	36	0	0	87	0	0	0	0	0	0	0	0	0	0	0
17:45	24	40	0	0	64	0	1	0	0	1	0	0	0	0	0	0
SUBTOTAL	547	372	0	0	919	9	14	0	0	23	0	4	0	0	4	18
GRAND TOTAL	1411	855	0	0	2266	31	47	0	0	78	0	4	0	0	4	26

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	10	0	8	0	18	0	0	0	0	0	0	0	0	0	0	0
07:15	21	0	28	0	49	1	0	1	0	2	0	0	0	0	0	0
07:30	14	0	34	0	48	2	0	0	0	2	0	0	0	0	0	1
07:45	32	0	49	0	81	2	0	5	0	7	0	0	0	0	0	0
08:00	20	0	30	0	50	1	0	3	0	4	0	0	0	0	0	2
08:15	15	0	36	0	51	0	0	0	0	0	0	0	0	0	0	5
08:30	14	0	36	0	50	0	0	0	0	0	0	0	0	0	0	0
08:45	14	0	37	0	51	1	0	3	0	4	0	0	0	0	0	0
09:00	14	0	24	0	38	3	0	1	0	4	0	0	0	0	0	2
09:15	23	0	46	0	69	1	0	0	0	1	0	0	0	0	0	1
09:30	24	0	51	0	75	1	0	2	0	3	0	0	0	0	0	1
09:45	12	0	47	0	59	0	0	4	0	4	0	0	0	0	0	0
SUBTOTAL	213	0	426	0	639	12	0	19	0	31	0	0	0	0	0	12

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	15	0	53	0	68	1	0	1	0	2	0	0	0	0	0	2
11:15	10	0	49	0	59	1	0	5	0	6	0	0	0	0	0	5
11:30	13	0	50	0	63	1	0	1	0	2	0	0	0	0	0	25
11:45	19	0	47	0	66	1	0	0	0	1	0	0	0	0	0	11
12:00	14	0	16	0	30	1	0	0	0	1	0	0	0	0	0	0
12:15	25	0	44	0	69	0	0	0	0	0	0	0	0	0	0	0
12:30	12	0	40	0	52	0	0	1	0	1	0	0	0	0	0	0
12:45	15	0	40	0	55	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	123	0	339	0	462	5	0	8	0	13	0	0	0	0	0	44

Traffic Count Data

Intersection: Craig St & Concession St
Site Code: 2416900015
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Craig St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	19	0	48	0	67	1	0	0	0	1	0	0	0	0	0	0
15:15	27	0	61	0	88	1	0	1	0	2	0	0	0	0	0	0
15:30	25	0	60	0	85	0	0	1	0	1	0	0	0	0	0	6
15:45	38	0	50	0	88	0	0	0	0	0	0	0	0	0	0	6
16:00	32	0	93	0	125	1	0	0	0	1	0	0	0	0	0	0
16:15	29	0	82	0	111	0	0	3	0	3	0	0	0	0	0	1
16:30	28	0	65	0	93	0	0	1	0	1	0	0	0	0	0	4
16:45	19	0	76	0	95	0	0	1	0	1	0	0	0	0	0	3
17:00	44	0	74	0	118	0	0	0	0	0	0	0	0	0	0	0
17:15	34	0	74	0	108	0	0	2	0	2	0	0	0	0	0	0
17:30	19	0	49	0	68	0	0	1	0	1	0	0	0	0	0	3
17:45	30	0	45	0	75	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	344	0	777	0	1121	3	0	10	0	13	0	0	0	0	0	23
GRAND TOTAL	680	0	1542	0	2222	20	0	37	0	57	0	0	0	0	0	79

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Concession St runs N/S

North Approach

	Out	In	Total
	241	230	471
	25	20	45
	0	0	0
Totals	266	250	516

Concession St




	0	0	0
	1	24	0
	108	133	0
Totals	109	157	0

Peds: 3



Peds: 1




Craig St




				Totals
	0	0	0	0
	0	6	87	93
	0	9	141	150

Peds: 3

Peds: 0




West Approach

	Out	In	Total
	228	299	527
	15	9	24
	0	0	0
Totals	243	308	551

Totals	199	157	0
	191	143	0
	8	14	0
	0	0	0

Concession St

South Approach

	Out	In	Total
	334	274	608
	22	33	55
	0	0	0
Totals	356	307	663

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Concession St						South Approach Concession St						East Approach						West Approach Craig St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15		21	23	0	0	44	51	31		0	0	82					0		22		29	0	0	51	177
07:30		42	22	0	1	64	50	34		0	1	84					0		16		34	0	1	50	198
07:45		47	34	0	0	81	56	50		0	0	106					0		34		54	0	0	88	275
08:00		47	30	0	2	77	42	42		0	0	84					0		21		33	0	2	54	215
Grand Total		157	109	0	3	266	199	157		0	1	356					0	0	93		150	0	3	243	865
Approach %		59	41	0	-	-	55.9	44.1		0	-	-					-	-	38.3		61.7	0	-	-	-
Totals %		18.2	12.6	0	-	30.8	23	18.2		0	-	41.2					0	10.8		17.3	0	-	-	28.1	-
PHF		0.84	0.8	0	-	0.82	0.89	0.79		0	-	0.84					0	0.68		0.69	0	-	-	0.69	0.79
Cars		133	108	0	-	241	191	143		0	-	334					0	87		141	0	-	-	228	803
% Cars		84.7	99.1	0	-	90.6	96	91.1		0	-	93.8					0	93.5		94	0	-	-	93.8	92.8
Trucks		24	1	0	-	25	8	14		0	-	22					0	6		9	0	-	-	15	62
% Trucks		15.3	0.9	0	-	9.4	4	8.9		0	-	6.2					0	6.5		6	0	-	-	6.2	7.2
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0		0	0	-	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0		0	0	-	-	0	0
Peds					3	-				1	-	-					0	-				3	-	-	7
% Peds					42.9	-				14.3	-	-					0	-				42.9	-	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:00:00
To: 12:00:00




Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Concession St runs N/S

North Approach




	Out	In	Total
	161	158	319
	3	9	12
	0	0	0
Totals	164	167	331

Concession St

	0	0	0
	0	3	0
	76	85	0
Totals	76	88	0

Peds: 3

Craig St

				Totals
	0	0	0	0
	0	4	57	61
	0	7	199	206




Peds: 43






Peds: 0

Peds: 1




West Approach

	Out	In	Total
	256	242	498
	11	5	16
	0	0	0
Totals	267	247	514

Totals	171	106	0
	166	101	0
	5	5	0
	0	0	0

Concession St

South Approach

	Out	In	Total
	267	284	551
	10	10	20
	0	0	0
Totals	277	294	571

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:00 - 12:00)

Start Time	North Approach Concession St						South Approach Concession St						East Approach						West Approach Craig St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:00		29	17	0	0	46	39	23		0	0	62					0		16		54	0	2	70	178
11:15		26	21	0	0	47	40	35		0	1	75					0		11		54	0	5	65	187
11:30		11	23	0	3	34	48	16		0	0	64					0		14		51	0	25	65	163
11:45		22	15	0	0	37	44	32		0	0	76					0		20		47	0	11	67	180
Grand Total		88	76	0	3	164	171	106		0	1	277					0	0	61		206	0	43	267	708
Approach %		53.7	46.3	0	-	-	61.7	38.3		0	-	-					-	-	22.8		77.2	0	-	-	-
Totals %		12.4	10.7	0		23.2	24.2	15		0		39.1					0		8.6		29.1	0		37.7	
PHF		0.76	0.83	0		0.87	0.89	0.76		0		0.91					0		0.76		0.95	0		0.95	0.95
Cars		85	76	0		161	166	101		0		267					0		57		199	0		256	684
% Cars		96.6	100	0		98.2	97.1	95.3		0		96.4					0		93.4		96.6	0		95.9	96.6
Trucks		3	0	0		3	5	5		0		10					0		4		7	0		11	24
% Trucks		3.4	0	0		1.8	2.9	4.7		0		3.6					0		6.6		3.4	0		4.1	3.4
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
Peds					3	-					1	-					0	-					43	-	47
% Peds					6.4	-					2.1	-					0	-					91.5	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: Concession St runs N/S

North Approach

	Out	In	Total
	263	255	518
	10	7	17
	0	3	3
Totals	273	265	538

Concession St




	0	0	0
	2	8	0
	102	161	0
Totals	104	169	0

Peds: 11



Peds: 12




Craig St




				Totals
	0	0	0	0
	0	1	127	128
	0	4	290	294

Peds: 11

Peds: 0




West Approach

	Out	In	Total
	417	316	733
	5	5	10
	0	0	0
Totals	422	321	743

Totals	217	137	0
	214	128	0
	3	6	0
	0	3	0

Concession St

South Approach

	Out	In	Total
	342	451	793
	9	12	21
	3	0	3
Totals	354	463	817

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Craig St & Concession St
Site Code: 2416900015
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

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

Start Time	North Approach Concession St						South Approach Concession St						East Approach						West Approach Craig St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
15:45		45	22	0	1	67	51	34		0	5	85					0		38		50	0	6	88	240
16:00		49	31	0	2	80	52	24		0	6	76					0		33		93	0	0	126	282
16:15		33	28	0	2	61	58	39		0	0	97					0		29		85	0	1	114	272
16:30		42	23	0	6	65	56	40		0	1	96					0		28		66	0	4	94	255
Grand Total		169	104	0	11	273	217	137		0	12	354					0	0	128		294	0	11	422	1049
Approach %		61.9	38.1	0	-	-	61.3	38.7		0	-	-					-	-	30.3		69.7	0	-	-	-
Totals %		16.1	9.9	0		26	20.7	13.1		0		33.7					0		12.2		28	0		40.2	
PHF		0.86	0.84	0		0.85	0.94	0.86		0		0.91					0		0.84		0.79	0		0.84	0.93
Cars		161	102	0		263	214	128		0		342					0		127		290	0		417	1022
% Cars		95.3	98.1	0		96.3	98.6	93.4		0		96.6					0		99.2		98.6	0		98.8	97.4
Trucks		8	2	0		10	3	6		0		9					0		1		4	0		5	24
% Trucks		4.7	1.9	0		3.7	1.4	4.4		0		2.5					0		0.8		1.4	0		1.2	2.3
Bicycles		0	0	0		0	0	3		0		3					0		0		0	0		0	3
% Bicycles		0	0	0		0	0	2.2		0		0.8					0		0		0	0		0	0.3
Peds					11	-				12	-	-					0	-				11	-	-	34
% Peds					32.4	-				35.3	-	-					0	-				32.4	-	-	-

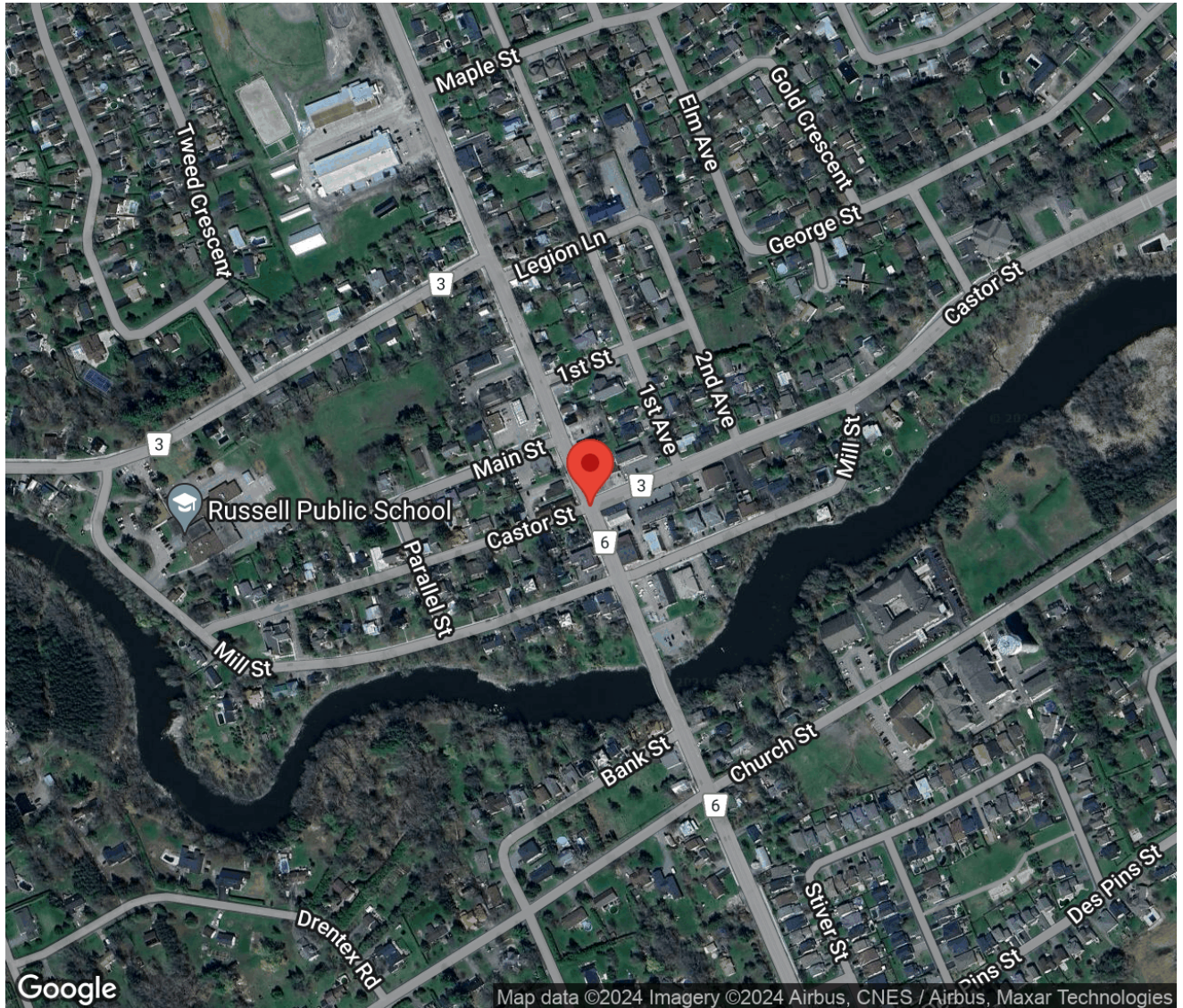
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Castor St & Concession St
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900016
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Castor St & Concession St
Site Code:	2416900016
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

Concession St - Traffic Summary

North Approach Totals							South Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	103	124	13	0	240	9	3	183	47	0	233	2	473
08:00 - 09:00	134	81	8	0	223	9	4	132	31	0	167	2	390
09:00 - 10:00	160	99	14	0	273	17	7	114	58	0	179	3	452
BREAK													
11:00 - 12:00	192	87	12	0	291	12	1	107	28	0	136	3	427
12:00 - 13:00	163	96	7	0	266	10	6	86	44	0	136	0	402
BREAK													
15:00 - 16:00	190	131	18	0	339	12	3	148	51	0	202	3	541
16:00 - 17:00	267	162	21	0	450	28	2	135	55	0	192	0	642
17:00 - 18:00	210	139	15	0	364	5	7	121	45	0	173	3	537
GRAND TOTAL	1419	919	108	0	2446	102	33	1026	359	0	1418	16	3864

Traffic Count Summary

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

Castor St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	59	11	143	0	213	14	0	0	0	0	0	4	213
08:00 - 09:00	38	11	135	0	184	2	0	0	0	0	0	4	184
09:00 - 10:00	42	30	156	0	228	4	1	0	0	0	1	10	229
BREAK													
11:00 - 12:00	51	7	163	0	221	11	0	0	0	0	0	25	221
12:00 - 13:00	39	10	173	0	222	9	0	0	0	0	0	7	222
BREAK													
15:00 - 16:00	56	28	177	0	261	22	0	0	0	0	0	9	261
16:00 - 17:00	62	16	205	0	283	21	0	0	0	0	0	18	283
17:00 - 18:00	60	10	162	0	232	10	0	0	0	0	0	18	232
GRAND TOTAL	407	123	1314	0	1844	93	1	0	0	0	1	95	1845

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	16	10	2	0	28	1	1	0	0	2	0	0	0	0	0	1
07:15	17	15	5	0	37	1	1	0	0	2	0	0	0	0	0	3
07:30	24	30	3	0	57	3	5	0	0	8	0	0	0	0	0	1
07:45	33	57	3	0	93	8	5	0	0	13	0	0	0	0	0	4
08:00	36	24	2	0	62	8	1	0	0	9	0	0	0	0	0	1
08:15	26	21	2	0	49	0	0	0	0	0	0	0	0	0	0	4
08:30	31	17	2	0	50	1	0	0	0	1	0	0	0	0	0	3
08:45	30	16	2	0	48	2	2	0	0	4	0	0	0	0	0	1
09:00	25	20	1	0	46	2	0	0	0	2	0	0	0	0	0	4
09:15	34	22	9	0	65	0	0	1	0	1	0	0	0	0	0	10
09:30	44	27	1	0	72	7	2	0	0	9	0	0	0	0	0	2
09:45	43	28	2	0	73	5	0	0	0	5	0	0	0	0	0	1
SUBTOTAL	359	287	34	0	680	38	17	1	0	56	0	0	0	0	0	35

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	49	23	4	0	76	1	0	0	0	1	0	0	0	0	0	0
11:15	52	25	3	0	80	6	0	0	0	6	0	0	0	0	0	2
11:30	39	20	1	0	60	0	1	0	0	1	0	0	0	0	0	8
11:45	44	18	4	0	66	1	0	0	0	1	0	0	0	0	0	2
12:00	45	26	3	0	74	0	1	0	0	1	0	0	0	0	0	0
12:15	35	29	2	0	66	0	1	0	0	1	0	0	0	0	0	3
12:30	44	19	2	0	65	0	1	0	0	1	0	0	0	0	0	4
12:45	39	19	0	0	58	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	347	179	19	0	545	8	4	0	0	12	0	0	0	0	0	22

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
15:00	40	29	2	0	71	0	0	0	0	0	0	0	0	0	0	3
15:15	53	36	1	0	90	0	2	0	0	2	0	0	0	0	0	1
15:30	48	31	10	0	89	1	1	0	0	2	0	0	0	0	0	0
15:45	48	29	5	0	82	0	3	0	0	3	0	0	0	0	0	8
16:00	68	47	3	0	118	2	1	0	0	3	0	0	0	0	0	10
16:15	59	43	9	0	111	4	1	0	0	5	0	0	0	0	0	10
16:30	67	40	6	0	113	0	0	0	0	0	0	0	0	0	0	7
16:45	67	30	3	0	100	0	0	0	0	0	0	0	0	0	0	1
17:00	79	39	7	0	125	0	1	0	0	1	0	0	0	0	0	1
17:15	53	42	3	0	98	1	0	0	0	1	0	0	0	0	0	2
17:30	39	31	2	0	72	0	0	0	0	0	0	0	0	0	0	1
17:45	38	26	3	0	67	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	659	423	54	0	1136	8	9	0	0	17	0	0	0	0	0	45
GRAND TOTAL	1365	889	107	0	2361	54	30	1	0	85	0	0	0	0	0	102

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	2	28	5	0	35	0	0	0	0	0	0	0	0	0	0	1
07:15	0	43	8	0	51	0	0	0	0	0	0	0	0	0	0	0
07:30	1	42	8	0	51	0	3	2	0	5	0	0	0	0	0	1
07:45	0	62	19	0	81	0	5	5	0	10	0	0	0	0	0	0
08:00	1	42	10	0	53	0	2	0	0	2	0	0	0	0	0	0
08:15	3	30	2	0	35	0	0	1	0	1	0	0	0	0	0	2
08:30	0	27	8	0	35	0	3	0	0	3	0	0	0	0	0	0
08:45	0	26	9	0	35	0	2	1	0	3	0	0	0	0	0	0
09:00	0	32	11	0	43	0	0	1	0	1	0	0	0	0	0	0
09:15	5	37	21	0	63	0	2	1	0	3	0	0	0	0	0	2
09:30	0	17	10	0	27	0	1	0	0	1	0	0	0	0	0	0
09:45	2	25	14	0	41	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	14	411	125	0	550	0	18	11	0	29	0	0	0	0	0	7

Traffic Count Data

Intersection: Castor St & Concession St
 Site Code: 2416900016
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	0	28	7	0	35	0	0	0	0	0	0	0	0	0	0	1
11:15	0	30	5	0	35	0	1	0	0	1	0	0	0	0	0	0
11:30	1	23	11	0	35	0	1	0	0	1	0	0	0	0	0	1
11:45	0	22	5	0	27	0	2	0	0	2	0	0	0	0	0	1
12:00	1	21	7	0	29	0	0	0	0	0	0	0	0	0	0	0
12:15	2	19	15	0	36	0	2	2	0	4	0	0	0	0	0	0
12:30	2	20	11	0	33	0	0	0	0	0	0	0	0	0	0	0
12:45	1	24	8	0	33	0	0	1	0	1	0	0	0	0	0	0
SUBTOTAL	7	187	69	0	263	0	6	3	0	9	0	0	0	0	0	3

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Concession St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	37	17	0	54	0	1	0	0	1	0	0	0	0	0	1
15:15	1	35	7	0	43	0	0	0	0	0	0	0	0	0	0	2
15:30	1	32	13	0	46	0	0	0	0	0	0	1	0	0	1	0
15:45	1	41	14	0	56	0	1	0	0	1	0	0	0	0	0	0
16:00	0	24	14	0	38	0	1	1	0	2	0	2	0	0	2	0
16:15	0	36	17	0	53	0	5	0	0	5	0	0	0	0	0	0
16:30	2	38	10	0	50	0	0	1	0	1	0	0	0	0	0	0
16:45	0	27	12	0	39	0	2	0	0	2	0	0	0	0	0	0
17:00	3	22	10	0	35	0	0	0	0	0	0	1	0	0	1	0
17:15	2	30	14	0	46	0	0	0	0	0	0	0	0	0	0	3
17:30	0	44	7	0	51	0	1	0	0	1	0	2	0	0	2	0
17:45	2	21	14	0	37	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	12	387	149	0	548	0	11	2	0	13	0	6	0	0	6	6
GRAND TOTAL	33	985	343	0	1361	0	35	16	0	51	0	6	0	0	6	16

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Castor St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	8	1	30	0	39	0	0	1	0	1	0	0	0	0	0	2
07:15	9	2	39	0	50	0	0	1	0	1	0	0	0	0	0	3
07:30	13	3	32	0	48	2	0	2	0	4	0	0	0	0	0	6
07:45	25	5	35	0	65	2	0	3	0	5	0	0	0	0	0	3
08:00	14	3	34	0	51	1	0	2	0	3	0	0	0	0	0	1
08:15	10	5	30	0	45	0	0	1	0	1	0	0	0	0	0	0
08:30	7	2	31	0	40	1	0	0	0	1	0	0	0	0	0	0
08:45	5	1	34	0	40	0	0	3	0	3	0	0	0	0	0	1
09:00	7	2	37	0	46	2	0	3	0	5	0	0	0	0	0	1
09:15	10	23	32	0	65	1	0	3	0	4	0	0	0	0	0	0
09:30	15	4	47	0	66	1	0	0	0	1	0	0	0	0	0	1
09:45	6	1	33	0	40	0	0	1	0	1	0	0	0	0	0	2
SUBTOTAL	129	52	414	0	595	10	0	20	0	30	0	0	0	0	0	20

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Castor St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	17	0	36	0	53	0	0	0	0	0	0	0	0	0	0	3
11:15	16	0	35	0	51	0	0	1	0	1	0	0	0	0	0	0
11:30	7	5	39	0	51	0	0	1	0	1	0	0	0	0	0	6
11:45	11	2	50	0	63	0	0	1	0	1	0	0	0	0	0	2
12:00	10	1	51	0	62	0	0	1	0	1	0	0	0	0	0	4
12:15	10	2	43	0	55	0	0	0	0	0	0	1	0	0	1	2
12:30	9	3	37	0	49	1	0	0	0	1	0	0	0	0	0	3
12:45	9	3	39	0	51	0	0	2	0	2	0	0	0	0	0	0
SUBTOTAL	89	16	330	0	435	1	0	6	0	7	0	1	0	0	1	20

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

East Approach - Castor St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	14	3	44	0	61	0	0	2	0	2	0	0	0	0	0	5
15:15	8	4	38	0	50	1	0	2	0	3	0	0	0	0	0	6
15:30	14	11	44	0	69	0	2	3	0	5	0	0	0	0	0	9
15:45	19	7	42	0	68	0	1	2	0	3	0	0	0	0	0	2
16:00	14	3	55	0	72	0	0	0	0	0	0	0	0	0	0	5
16:15	18	4	53	0	75	1	0	1	0	2	0	0	0	0	0	7
16:30	13	5	50	0	68	0	0	1	0	1	0	0	1	0	1	5
16:45	16	4	42	0	62	0	0	1	0	1	0	0	1	0	1	4
17:00	18	5	37	0	60	0	0	2	0	2	0	0	0	0	0	1
17:15	17	4	45	0	66	0	0	0	0	0	0	0	0	0	0	2
17:30	8	0	35	0	43	0	0	0	0	0	0	0	0	0	0	5
17:45	16	1	43	0	60	0	0	0	0	0	1	0	0	0	1	2
SUBTOTAL	175	51	528	0	754	2	3	14	0	19	1	0	2	0	3	53
GRAND TOTAL	393	119	1272	0	1784	13	3	40	0	56	1	1	2	0	4	93

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Castor St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	5
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SUBTOTAL	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	18

	Cars						Trucks						Bicycles							
Start Time					Total						Total						Total	Total Peds		
11:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		19	
11:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		1	
11:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		3	
11:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		2	
12:00	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	
12:15	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		3	
12:30	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		4	
12:45	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	
SUBTOTAL	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		32	

Traffic Count Data

Intersection: Castor St & Concession St
Site Code: 2416900016
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Castor St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUBTOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
GRAND TOTAL	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	95

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 07:15:00
To: 08:15:00




Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Concession St runs N/S

North Approach




	Out	In	Total
	249	329	578
	32	18	50
	0	0	0
Totals	281	347	628

Concession St




	0	0	0	0
	0	12	20	0
	13	126	110	0
Totals	13	138	130	0

East Approach

	Out	In	Total
	214	155	369
	13	27	40
	0	0	0
Totals	227	182	409

Castor St

	Totals
	
	
	

Peds: 9




Peds: 3






Peds: 13








Peds: 1

Castor St

Totals			
0	0	0	0
148	140	8	0
13	13	0	0
66	61	5	0




West Approach

	Out	In	Total
	0	28	28
	0	0	0
	0	0	0
Totals	0	28	28


				
Totals	2	199	52	0
	2	189	45	0
	0	10	7	0
	0	0	0	0

Concession St

South Approach

	Out	In	Total
	236	187	423
	17	17	34
	0	0	0
Totals	253	204	457

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (07:15 - 08:15)

Start Time	North Approach Concession St						South Approach Concession St						East Approach Castor St						West Approach Castor St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
07:15	18	16	5	0	3	39	0	43	8	0	0	51	9	2	40	0	3	51					1	0	141
07:30	27	35	3	0	1	65	1	45	10	0	1	56	15	3	34	0	6	52					1	0	173
07:45	41	62	3	0	4	106	0	67	24	0	0	91	27	5	38	0	3	70					1	0	267
08:00	44	25	2	0	1	71	1	44	10	0	0	55	15	3	36	0	1	54					0	0	180
Grand Total	130	138	13	0	9	281	2	199	52	0	1	253	66	13	148	0	13	227					3	0	761
Approach %	46.3	49.1	4.6	0	-	-	0.8	78.7	20.6	0	-	-	29.1	5.7	65.2	0	-	-					-	-	-
Totals %	17.1	18.1	1.7	0	-	36.9	0.3	26.1	6.8	0	-	33.2	8.7	1.7	19.4	0	-	29.8					0	-	-
PHF	0.74	0.56	0.65	0	-	0.66	0.5	0.74	0.54	0	-	0.7	0.61	0.65	0.93	0	-	0.81					0	-	0.71
Cars	110	126	13	0	-	249	2	189	45	0	-	236	61	13	140	0	-	214					0	-	699
% Cars	84.6	91.3	100	0	-	88.6	100	95	86.5	0	-	93.3	92.4	100	94.6	0	-	94.3					0	-	91.9
Trucks	20	12	0	0	-	32	0	10	7	0	-	17	5	0	8	0	-	13					0	-	62
% Trucks	15.4	8.7	0	0	-	11.4	0	5	13.5	0	-	6.7	7.6	0	5.4	0	-	5.7					0	-	8.1
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0					0	-	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0					0	-	0
Peds						9						1						13					3	-	26
% Peds						34.6						3.8						50					11.5	-	-

Peak Hour Diagram

Specified Period

From: 11:00:00
To: 13:00:00

One Hour Peak

From: 11:15:00
To: 12:15:00




Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Concession St runs N/S

North Approach




	Out	In	Total
	280	271	551
	9	8	17
	0	0	0
Totals	289	279	568

Concession St




	0	0	0	0
	0	2	7	0
	11	89	180	0
Totals	11	91	187	0

East Approach

	Out	In	Total
	227	208	435
	4	7	11
	0	0	0
Totals	231	215	446

Castor St

	Totals
	
	
	

Peds: 12




Peds: 6







Peds: 12




Peds: 2








Castor St

Totals			
0	0	0	0
179	175	4	0
8	8	0	0
44	44	0	0




West Approach

	Out	In	Total
	0	21	21
	0	0	0
	0	0	0
Totals	0	21	21


Totals				
2	100	28	0	
	2	96	28	0
	0	4	0	0
	0	0	0	0

Concession St

South Approach

	Out	In	Total
	126	133	259
	4	2	6
	0	0	0
Totals	130	135	265

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

Peak Hour Data (11:15 - 12:15)

Start Time	North Approach Concession St						South Approach Concession St						East Approach Castor St						West Approach Castor St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
11:15	58	25	3	0	2	86	0	31	5	0	0	36	16	0	36	0	0	52					1	0	174
11:30	39	21	1	0	8	61	1	24	11	0	1	36	7	5	40	0	6	52					3	0	149
11:45	45	18	4	0	2	67	0	24	5	0	1	29	11	2	51	0	2	64					2	0	160
12:00	45	27	3	0	0	75	1	21	7	0	0	29	10	1	52	0	4	63					0	0	167
Grand Total	187	91	11	0	12	289	2	100	28	0	2	130	44	8	179	0	12	231					6	0	650
Approach %	64.7	31.5	3.8	0	-	-	1.5	76.9	21.5	0	-	-	19	3.5	77.5	0	-	-					-	-	-
Totals %	28.8	14	1.7	0	-	44.5	0.3	15.4	4.3	0	-	20	6.8	1.2	27.5	0	-	35.5					0	-	-
PHF	0.81	0.84	0.69	0	-	0.84	0.5	0.81	0.64	0	-	0.9	0.69	0.4	0.86	0	-	0.9					0	-	0.93
Cars	180	89	11	0	-	280	2	96	28	0	-	126	44	8	175	0	-	227					0	-	633
% Cars	96.3	97.8	100	0	-	96.9	100	96	100	0	-	96.9	100	100	97.8	0	-	98.3					0	-	97.4
Trucks	7	2	0	0	-	9	0	4	0	0	-	4	0	0	4	0	-	4					0	-	17
% Trucks	3.7	2.2	0	0	-	3.1	0	4	0	0	-	3.1	0	0	2.2	0	-	1.7					0	-	2.6
Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0					0	-	0
% Bicycles	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0					0	-	0
Peds					12	-					2	-					12	-					6	-	32
% Peds					37.5	-					6.3	-					37.5	-					18.8	-	-

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 15:45:00
To: 16:45:00




Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Signalized Intersection ****





Major Road: Concession St runs N/S

North Approach




	Out	In	Total
	424	339	763
	11	11	22
	0	3	3
Totals	435	353	788

Concession St




	0	0	0	0
	0	5	6	0
	23	159	242	0
Totals	23	164	248	0

East Approach

	Out	In	Total
	283	297	580
	6	8	14
	1	0	1
Totals	290	305	595

Castor St

	Totals
	
	
	

Peds: 35




Peds: 16






Peds: 19








Peds: 0

Castor St

Totals			
0	0	0	0
205	200	4	1
20	19	1	0
65	64	1	0




West Approach

	Out	In	Total
	0	45	45
	0	1	1
	0	0	0
Totals	0	46	46


Totals				
	3	139	55	0
	0	7	2	0
	0	2	0	0

Concession St

South Approach

	Out	In	Total
	197	223	420
	9	6	15
	2	0	2
Totals	208	229	437

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Castor St & Concession St
Site Code: 2416900016
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

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

	North Approach Concession St						South Approach Concession St						East Approach Castor St						West Approach Castor St						Total Vehicl es				
Start Time	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total					
15:45	48	32	5	0	8	85	1	42	14	0	0	57	19	8	44	0	2	71					1	0	213				
16:00	70	48	3	0	10	121	0	27	15	0	0	42	14	3	55	0	5	72					8	0	235				
16:15	63	44	9	0	10	116	0	41	17	0	0	58	19	4	54	0	7	77					5	0	251				
16:30	67	40	6	0	7	113	2	38	11	0	0	51	13	5	52	0	5	70					2	0	234				
Grand Total	248	164	23	0	35	435	3	148	57	0	0	208	65	20	205	0	19	290							16	0	933		
Approach %	57	37.7	5.3	0	-	-	1.4	71.2	27.4	0	-	-	22.4	6.9	70.7	0	-	-							-	-			
Totals %	26.6	17.6	2.5	0	-	46.6	0.3	15.9	6.1	0	-	22.3	7	2.1	22	0	-	31.1							0	-			
PHF	0.89	0.85	0.64	0	-	0.9	0.38	0.88	0.84	0	-	0.9	0.86	0.63	0.93	0	-	0.94							0	0.93			
Cars	242	159	23	0	-	424	3	139	55	0	-	197	64	19	200	0	-	283							0	904			
% Cars	97.6	97	100	0	-	97.5	100	93.9	96.5	0	-	94.7	98.5	95	97.6	0	-	97.6							0	96.9			
Trucks	6	5	0	0	-	11	0	7	2	0	-	9	1	1	4	0	-	6							0	26			
% Trucks	2.4	3	0	0	-	2.5	0	4.7	3.5	0	-	4.3	1.5	5	2	0	-	2.1							0	2.8			
Bicycles	0	0	0	0	-	0	0	2	0	0	-	2	0	0	1	0	-	1							0	3			
% Bicycles	0	0	0	0	-	0	0	1.4	0	0	-	1	0	0	0.5	0	-	0.3							0	0.3			
Peds						35	-						0	-						19	-						16	-	70
% Peds						50	-						0	-						27.1	-						22.9	-	-

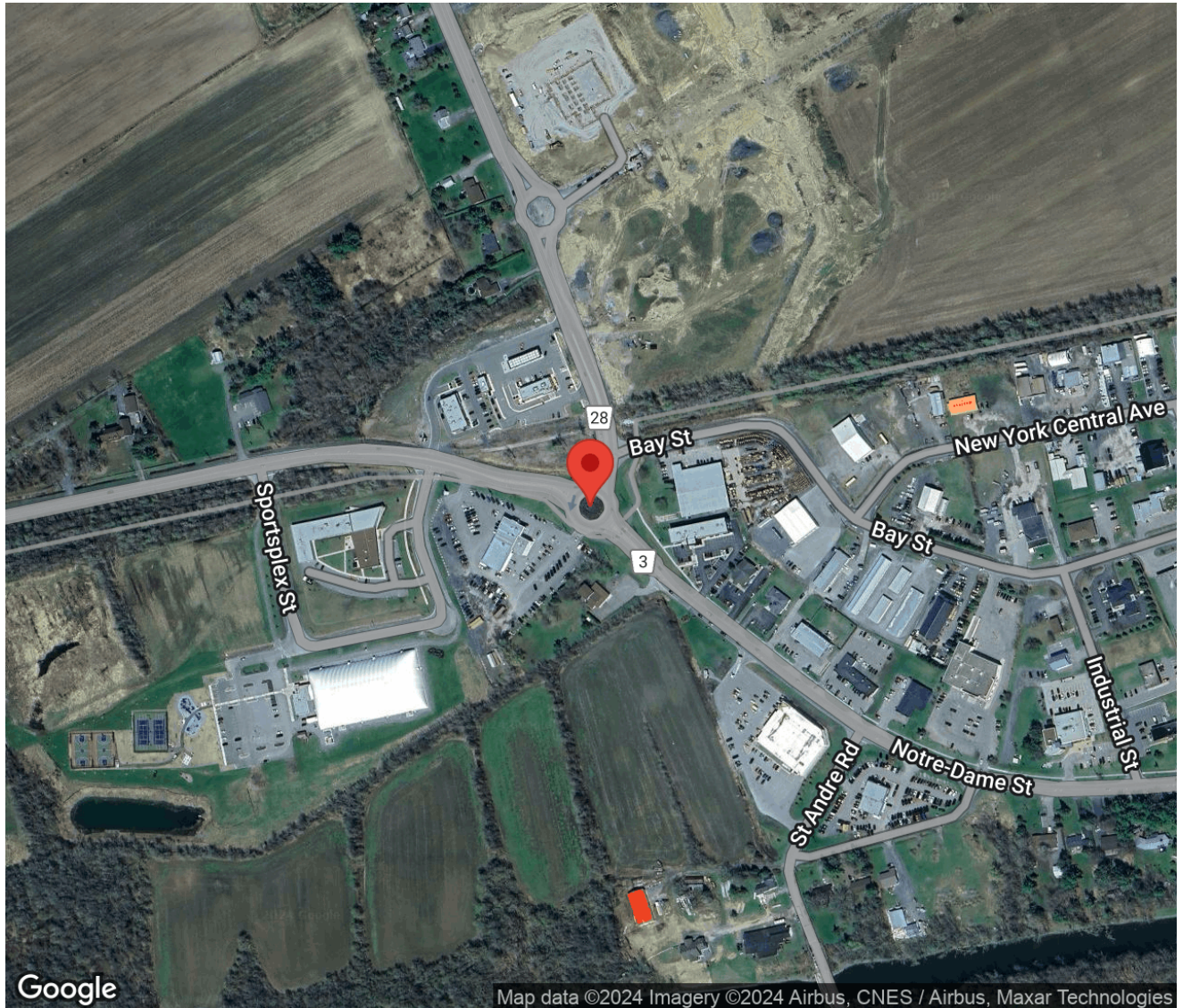
Project #24-169 – Morrison Hershfield

Intersection Count Report

Intersection: Notre-Dame St & St. Guillaume Rd
Municipality: Russell Twp
Count Date: Thursday, Apr 25, 2024
Site Code: 2416900017
Count Categories: Cars, Trucks, Bicycles, Pedestrians
Count Period: 07:00-10:00, 11:00-13:00, 15:00-18:00
Weather: Clear
Comments:

Traffic Count Map

Intersection:	Notre-Dame St & St. Guillaume Rd
Site Code:	2416900017
Municipality:	Russell Twp
Count Date:	Apr 25, 2024



Traffic Count Summary

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

St. Guillaume Rd - Traffic Summary

North Approach Totals							South Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	126	65	14	205	0	209	268	0	1	478	1	683
08:00 - 09:00	0	160	71	26	257	0	215	204	0	0	419	6	676
09:00 - 10:00	0	176	79	14	269	0	252	192	0	2	446	0	715
BREAK													
11:00 - 12:00	0	263	56	13	332	0	238	230	0	0	468	0	800
12:00 - 13:00	0	323	57	23	403	0	290	253	0	1	544	9	947
BREAK													
15:00 - 16:00	0	354	78	28	460	0	303	199	0	0	502	12	962
16:00 - 17:00	0	439	70	13	522	0	374	229	0	0	603	8	1125
17:00 - 18:00	0	424	68	9	501	0	310	199	0	1	510	7	1011
GRAND TOTAL	0	2265	544	140	2949	0	2191	1774	0	5	3970	43	6919

Traffic Count Summary

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

Notre-Dame St - Traffic Summary

East Approach Totals							West Approach Totals						
Hour	Includes Cars, Trucks, Bicycles						Includes Cars, Trucks, Bicycles						Total
	Left	Thru	Right	U-Turn	Total	Peds	Left	Thru	Right	U-Turn	Total	Peds	
07:00 - 08:00	0	0	0	0	0	0	83	0	145	1	229	0	229
08:00 - 09:00	0	0	0	0	0	0	75	0	207	2	284	0	284
09:00 - 10:00	0	0	0	0	0	0	78	0	243	0	321	0	321
BREAK													
11:00 - 12:00	0	0	0	0	0	0	71	0	247	0	318	0	318
12:00 - 13:00	0	0	0	0	0	0	74	0	276	1	351	0	351
BREAK													
15:00 - 16:00	0	0	0	0	0	0	81	0	296	1	378	0	378
16:00 - 17:00	0	0	0	0	0	0	100	0	389	0	489	0	489
17:00 - 18:00	0	0	0	0	0	0	93	0	307	0	400	0	400
GRAND TOTAL	0	0	0	0	0	0	655	0	2110	5	2770	0	2770

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	0	12	11	5	28	0	2	0	0	2	0	0	0	0	0	0
07:15	0	30	15	3	48	0	3	0	0	3	0	0	0	0	0	0
07:30	0	30	14	3	47	0	2	4	1	7	0	0	0	0	0	0
07:45	0	45	20	2	67	0	2	1	0	3	0	0	0	0	0	0
08:00	0	31	15	5	51	0	2	1	2	5	0	0	0	0	0	0
08:15	0	35	14	9	58	0	3	1	1	5	0	0	0	0	0	0
08:30	0	42	17	7	66	0	0	0	0	0	0	0	0	0	0	0
08:45	0	44	22	2	68	0	3	1	0	4	0	0	0	0	0	0
09:00	0	38	34	2	74	0	4	2	2	8	0	0	0	0	0	0
09:15	0	41	18	3	62	0	5	1	0	6	0	0	0	0	0	0
09:30	0	41	10	4	55	0	0	0	0	0	0	0	0	0	0	0
09:45	0	45	13	2	60	0	2	1	1	4	0	0	0	0	0	0
SUBTOTAL	0	434	203	47	684	0	28	12	7	47	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
 Site Code: 2416900017
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
11:00	0	38	12	1	51	0	3	2	0	5	0	0	0	0	0	0
11:15	0	63	9	1	73	0	6	1	0	7	0	0	0	0	0	0
11:30	0	86	11	9	106	0	1	1	0	2	0	0	0	0	0	0
11:45	0	62	20	2	84	0	4	0	0	4	0	0	0	0	0	0
12:00	0	83	9	8	100	0	5	0	1	6	0	0	0	0	0	0
12:15	0	84	15	2	101	0	4	1	1	6	0	0	0	0	0	0
12:30	0	80	10	1	91	0	1	1	1	3	0	0	0	0	0	0
12:45	0	65	20	8	93	0	1	1	1	3	0	0	0	0	0	0
SUBTOTAL	0	561	106	32	699	0	25	7	4	36	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

North Approach - St. Guillaume Rd

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	0	62	17	6	85	0	2	0	1	3	0	0	0	0	0	0
15:15	0	86	18	7	111	0	3	1	0	4	0	0	0	0	0	0
15:30	0	100	24	9	133	0	5	0	1	6	0	0	0	0	0	0
15:45	0	94	18	4	116	0	2	0	0	2	0	0	0	0	0	0
16:00	0	100	21	4	125	0	3	0	1	4	0	0	0	0	0	0
16:15	0	112	14	3	129	0	2	0	1	3	0	0	0	0	0	0
16:30	0	112	19	1	132	0	0	0	1	1	0	0	0	0	0	0
16:45	0	106	15	2	123	0	4	1	0	5	0	0	0	0	0	0
17:00	0	143	11	0	154	0	0	0	0	0	0	0	0	0	0	0
17:15	0	107	19	0	126	0	1	0	0	1	0	0	0	0	0	0
17:30	0	96	21	7	124	0	1	0	0	1	0	0	0	0	0	0
17:45	0	76	17	2	95	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	0	1194	214	45	1453	0	23	2	5	30	0	0	0	0	0	0
GRAND TOTAL	0	2189	523	124	2836	0	76	21	16	113	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
07:00	45	72	0	0	117	2	2	0	0	4	0	0	0	0	0	1
07:15	47	67	0	0	114	4	1	0	0	5	0	0	0	0	0	0
07:30	51	62	0	0	113	12	4	0	0	16	0	0	0	0	0	0
07:45	45	59	0	1	105	3	1	0	0	4	0	0	0	0	0	0
08:00	50	49	0	0	99	1	2	0	0	3	0	0	0	0	0	0
08:15	62	50	0	0	112	1	0	0	0	1	0	0	0	0	0	3
08:30	38	52	0	0	90	3	0	0	0	3	0	0	0	0	0	2
08:45	58	46	0	0	104	2	5	0	0	7	0	0	0	0	0	1
09:00	51	45	0	2	98	5	5	0	0	10	0	0	0	0	0	0
09:15	74	50	0	0	124	5	2	0	0	7	0	0	0	0	0	0
09:30	47	36	0	0	83	1	1	0	0	2	0	0	0	0	0	0
09:45	67	51	0	0	118	2	2	0	0	4	0	0	0	0	0	0
SUBTOTAL	635	639	0	3	1277	41	25	0	0	66	0	0	0	0	0	7

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	62	52	0	0	114	0	1	0	0	1	0	0	0	0	0	0
11:15	53	56	0	0	109	1	2	0	0	3	0	0	0	0	0	0
11:30	62	57	0	0	119	3	1	0	0	4	0	0	0	0	0	0
11:45	56	60	0	0	116	1	1	0	0	2	0	0	0	0	0	0
12:00	82	66	0	1	149	1	1	0	0	2	0	0	0	0	0	1
12:15	65	53	0	0	118	1	1	0	0	2	0	0	0	0	0	5
12:30	69	73	0	0	142	1	1	0	0	2	0	0	0	0	0	3
12:45	69	55	0	0	124	2	3	0	0	5	0	0	0	0	0	0
SUBTOTAL	518	472	0	1	991	10	11	0	0	21	0	0	0	0	0	9

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

South Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	75	51	0	0	126	1	1	0	0	2	0	0	0	0	0	5
15:15	64	40	0	0	104	6	1	0	0	7	0	0	0	0	0	2
15:30	73	54	0	0	127	3	0	0	0	3	0	0	0	0	0	2
15:45	81	50	0	0	131	0	2	0	0	2	0	0	0	0	0	3
16:00	97	59	0	0	156	1	1	0	0	2	0	0	0	0	0	1
16:15	80	57	0	0	137	0	1	0	0	1	0	0	0	0	0	2
16:30	114	57	0	0	171	0	4	0	0	4	0	0	0	0	0	3
16:45	82	47	0	0	129	0	3	0	0	3	0	0	0	0	0	2
17:00	82	51	0	0	133	1	0	0	0	1	0	0	0	0	0	3
17:15	78	49	0	0	127	0	1	0	0	1	0	0	0	0	0	2
17:30	75	55	0	0	130	0	0	0	0	0	0	0	0	0	0	0
17:45	74	43	0	1	118	0	0	0	0	0	0	0	0	0	0	2
SUBTOTAL	975	613	0	1	1589	12	14	0	0	26	0	0	0	0	0	27
GRAND TOTAL	2128	1724	0	5	3857	63	50	0	0	113	0	0	0	0	0	43

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
 Site Code: 2416900017
 Municipality: Russell Twp
 Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↺	Total	←	↑	→	↺	Total	←	↑	→	↺	Total	
07:00	13	0	17	0	30	0	0	2	0	2	0	0	0	0	0	0
07:15	21	0	20	1	42	0	0	1	0	1	0	0	0	0	0	0
07:30	19	0	28	0	47	0	0	3	0	3	0	0	0	0	0	0
07:45	28	0	60	0	88	2	0	14	0	16	0	0	0	0	0	0
08:00	30	0	57	0	87	2	0	10	0	12	0	0	0	0	0	0
08:15	11	0	39	0	50	0	0	3	0	3	0	0	0	0	0	0
08:30	19	0	52	2	73	0	0	1	0	1	0	0	0	0	0	0
08:45	12	0	43	0	55	1	0	2	0	3	0	0	0	0	0	0
09:00	13	0	47	0	60	0	0	2	0	2	0	0	0	0	0	0
09:15	19	0	65	0	84	1	0	1	0	2	0	0	0	0	0	0
09:30	23	0	64	0	87	7	0	2	0	9	0	0	0	0	0	0
09:45	13	0	59	0	72	2	0	3	0	5	0	0	0	0	0	0
SUBTOTAL	221	0	551	3	775	15	0	44	0	59	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
11:00	14	0	56	0	70	0	0	2	0	2	0	0	0	0	0	0
11:15	19	0	60	0	79	1	0	3	0	4	0	0	0	0	0	0
11:30	22	0	71	0	93	2	0	2	0	4	0	0	0	0	0	0
11:45	12	0	51	0	63	1	0	2	0	3	0	0	0	0	0	0
12:00	19	0	70	0	89	1	0	1	0	2	0	0	0	0	0	0
12:15	20	0	66	0	86	1	0	1	0	2	0	0	0	0	0	0
12:30	15	0	71	0	86	1	0	2	0	3	0	0	0	0	0	0
12:45	17	0	63	1	81	0	0	2	0	2	0	0	0	0	0	0
SUBTOTAL	138	0	508	1	647	7	0	15	0	22	0	0	0	0	0	0

Traffic Count Data

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Municipality: Russell Twp
Count Date: Apr 25, 2024

West Approach - Notre-Dame St

Start Time	Cars					Trucks					Bicycles					Total Peds
	←	↑	→	↻	Total	←	↑	→	↻	Total	←	↑	→	↻	Total	
15:00	17	0	60	0	77	0	0	0	0	0	0	0	0	0	0	0
15:15	17	0	70	1	88	3	0	1	0	4	0	0	0	0	0	0
15:30	17	0	76	0	93	0	0	2	0	2	0	0	0	0	0	0
15:45	27	0	86	0	113	0	0	1	0	1	0	0	0	0	0	0
16:00	26	0	104	0	130	0	0	5	0	5	0	0	0	0	0	0
16:15	25	0	118	0	143	1	0	3	0	4	0	0	0	0	0	0
16:30	21	0	77	0	98	2	0	0	0	2	0	0	0	0	0	0
16:45	25	0	81	0	106	0	0	1	0	1	0	0	0	0	0	0
17:00	27	0	94	0	121	0	0	1	0	1	0	0	0	0	0	0
17:15	26	0	88	0	114	0	0	1	0	1	0	0	0	0	0	0
17:30	20	0	65	0	85	0	0	0	0	0	0	0	0	0	0	0
17:45	20	0	58	0	78	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	268	0	977	1	1246	6	0	15	0	21	0	0	0	0	0	0
GRAND TOTAL	627	0	2036	5	2668	28	0	74	0	102	0	0	0	0	0	0

Peak Hour Diagram

Specified Period

From: 07:00:00
To: 10:00:00

One Hour Peak

From: 09:00:00
To: 10:00:00




Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****




Major Road: St. Guillaume Rd runs N/S

North Approach

	Out	In	Total
	251	261	512
	18	23	41
	0	0	0
Totals	269	284	553







St. Guillaume Rd

	0	0	0
	4	11	3
	75	165	11
Totals	79	176	14

Peds: 0

Notre-Dame St

			Totals	
0	0	0	0	
0	10	68	78	
0	8	235	243	




Peds: 0









Peds: 0

Peds: 0

West Approach




	Out	In	Total
	303	314	617
	18	17	35
	0	0	0
Totals	321	331	652

Totals	252	192	2
	239	182	2
	13	10	0
	0	0	0

Notre-Dame St

South Approach

	Out	In	Total
	423	402	825
	23	19	42
	0	0	0
Totals	446	421	867

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Count Date: Apr 25, 2024
Period: 07:00 - 10:00

Peak Hour Data (09:00 - 10:00)

Start Time	North Approach St. Guillaume Rd						South Approach Notre-Dame St						East Approach						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
09:00		42	36	4	0	82	56	50		2	0	108					0		13		49	0	0	62	252
09:15		46	19	3	0	68	79	52		0	0	131					0		20		66	0	0	86	285
09:30		41	10	4	0	55	48	37		0	0	85					0		30		66	0	0	96	236
09:45		47	14	3	0	64	69	53		0	0	122					0		15		62	0	0	77	263
Grand Total		176	79	14	0	269	252	192		2	0	446					0	0	78		243	0	0	321	1036
Approach %		65.4	29.4	5.2	-	-	56.5	43		0.4	-	-					-	-	24.3		75.7	0	-	-	
Totals %		17	7.6	1.4	-	26	24.3	18.5		0.2	-	43.1					0	0	7.5		23.5	0	-	31	
PHF		0.94	0.55	0.88	-	0.82	0.8	0.91		0.25	-	0.85					0	0	0.65		0.92	0	-	0.84	0.91
Cars		165	75	11	-	251	239	182		2	-	423					0	0	68		235	0	-	303	977
% Cars		93.8	94.9	78.6	-	93.3	94.8	94.8		100	-	94.8					0	0	87.2		96.7	0	-	94.4	94.3
Trucks		11	4	3	-	18	13	10		0	-	23					0	0	10		8	0	-	18	59
% Trucks		6.3	5.1	21.4	-	6.7	5.2	5.2		0	-	5.2					0	0	12.8		3.3	0	-	5.6	5.7
Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
% Bicycles		0	0	0	-	0	0	0		0	-	0					0	0	0		0	0	-	0	0
Peds					0	-					0	-					0	-				0	-	-	0
% Peds					0	-					0	-					0	-				0	-	-	

Peak Hour Diagram

Specified Period

From: 11:00:00

To: 13:00:00

One Hour Peak

From: 12:00:00

To: 13:00:00

Intersection: Notre-Dame St & St. Guillaume Rd

Site Code: 2416900017




Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: St. Guillaume Rd runs N/S

North Approach




	Out	In	Total
	385	337	722
	18	13	31
	0	0	0
Totals	403	350	753

St. Guillaume Rd

	0	0	0
	3	11	4
	54	312	19
Totals	57	323	23

Peds: 0

Notre-Dame St

				Totals
	0	0	1	1
	0	3	71	74
	0	6	270	276




Peds: 0






Peds: 0

Peds: 9




West Approach

	Out	In	Total
	342	340	682
	9	8	17
	0	0	0
Totals	351	348	699

Totals	290	253	1
	285	247	1
	5	6	0
	0	0	0

Notre-Dame St

South Approach

	Out	In	Total
	533	583	1116
	11	17	28
	0	0	0
Totals	544	600	1144

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Count Date: Apr 25, 2024
Period: 11:00 - 13:00

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

Start Time	North Approach St. Guillaume Rd						South Approach Notre-Dame St						East Approach						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
12:00		88	9	9	0	106	83	67		1	1	151					0		20		71	0	0	91	348
12:15		88	16	3	0	107	66	54		0	5	120					0		21		67	0	0	88	315
12:30		81	11	2	0	94	70	74		0	3	144					0		16		73	0	0	89	327
12:45		66	21	9	0	96	71	58		0	0	129					0		17		65	1	0	83	308
Grand Total		323	57	23	0	403	290	253		1	9	544					0	0	74		276	1	0	351	1298
Approach %		80.1	14.1	5.7	-	-	53.3	46.5		0.2	-	-					-	-	21.1		78.6	0.3	-	-	
Totals %		24.9	4.4	1.8		31	22.3	19.5		0.1		41.9					0		5.7		21.3	0.1		27	
PHF		0.92	0.68	0.64		0.94	0.87	0.85		0.25		0.9					0		0.88		0.95	0.25		0.96	0.93
Cars		312	54	19		385	285	247		1		533					0		71		270	1		342	1260
% Cars		96.6	94.7	82.6		95.5	98.3	97.6		100		98					0		95.9		97.8	100		97.4	97.1
Trucks		11	3	4		18	5	6		0		11					0		3		6	0		9	38
% Trucks		3.4	5.3	17.4		4.5	1.7	2.4		0		2					0		4.1		2.2	0		2.6	2.9
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
Peds					0	-				9		-					0	-			0		0	-	9
% Peds					0	-				100		-					0	-			0		0	-	

Peak Hour Diagram

Specified Period

From: 15:00:00
To: 18:00:00

One Hour Peak

From: 16:00:00
To: 17:00:00




Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Count Date: Apr 25, 2024

Weather conditions: Clear




**** Unsignalized Intersection ****

Major Road: St. Guillaume Rd runs N/S

North Approach




	Out	In	Total
	509	327	836
	13	15	28
	0	0	0
	522	342	864

St. Guillaume Rd

	0	0	0
	1	9	3
	69	430	10
Totals	70	439	13

Peds: 0

Notre-Dame St

			Totals
0	0	0	0
0	3	97	100
0	9	380	389




Peds: 0






Peds: 0

Peds: 8




West Approach

	Out	In	Total
	477	442	919
	12	2	14
	0	0	0
	489	444	933

Totals	374	229	0
	373	220	0
	1	9	0
	0	0	0

Notre-Dame St

South Approach

	Out	In	Total
	593	810	1403
	10	18	28
	0	0	0
	603	828	1431

 - Cars

 - Trucks

 - Bicycles

Comments

Peak Hour Summary

Intersection: Notre-Dame St & St. Guillaume Rd
Site Code: 2416900017
Count Date: Apr 25, 2024
Period: 15:00 - 18:00

Peak Hour Data (16:00 - 17:00)

Start Time	North Approach St. Guillaume Rd						South Approach Notre-Dame St						East Approach						West Approach Notre-Dame St						Total Vehicles
	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	←	↑	→	↻	Peds	Total	
16:00		103	21	5	0	129	98	60		0	1	158					0		26		109	0	0	135	422
16:15		114	14	4	0	132	80	58		0	2	138					0		26		121	0	0	147	417
16:30		112	19	2	0	133	114	61		0	3	175					0		23		77	0	0	100	408
16:45		110	16	2	0	128	82	50		0	2	132					0		25		82	0	0	107	367
Grand Total		439	70	13	0	522	374	229		0	8	603					0	0	100		389	0	0	489	1614
Approach %		84.1	13.4	2.5	-	-	62	38		0	-	-					-	-	20.4		79.6	0	-	-	
Totals %		27.2	4.3	0.8		32.3	23.2	14.2		0		37.4					0		6.2		24.1	0		30.3	
PHF		0.96	0.83	0.65		0.98	0.82	0.94		0		0.86					0		0.96		0.8	0		0.83	0.96
Cars		430	69	10		509	373	220		0		593					0		97		380	0		477	1579
% Cars		97.9	98.6	76.9		97.5	99.7	96.1		0		98.3					0		97		97.7	0		97.5	97.8
Trucks		9	1	3		13	1	9		0		10					0		3		9	0		12	35
% Trucks		2.1	1.4	23.1		2.5	0.3	3.9		0		1.7					0		3		2.3	0		2.5	2.2
Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
% Bicycles		0	0	0		0	0	0		0		0					0		0		0	0		0	0
Peds					0	-				8		-					0	-			0		0	-	8
% Peds					0	-				100		-					0	-			0		0	-	