

Welcome

# **Pillette Road Traffic Calming**

***June 17, 2021 – Public Information Centre***

**6:30 PM – 8:30 PM**



# An Introduction to Traffic Calming

Traffic calming on City roads is governed by the **City of Windsor Traffic Calming Policy**

The objectives of the traffic calming policy are to:

- Alter driver behaviour
- Improve conditions for non-motorized road users
- Reduce negative effects of motor vehicle use

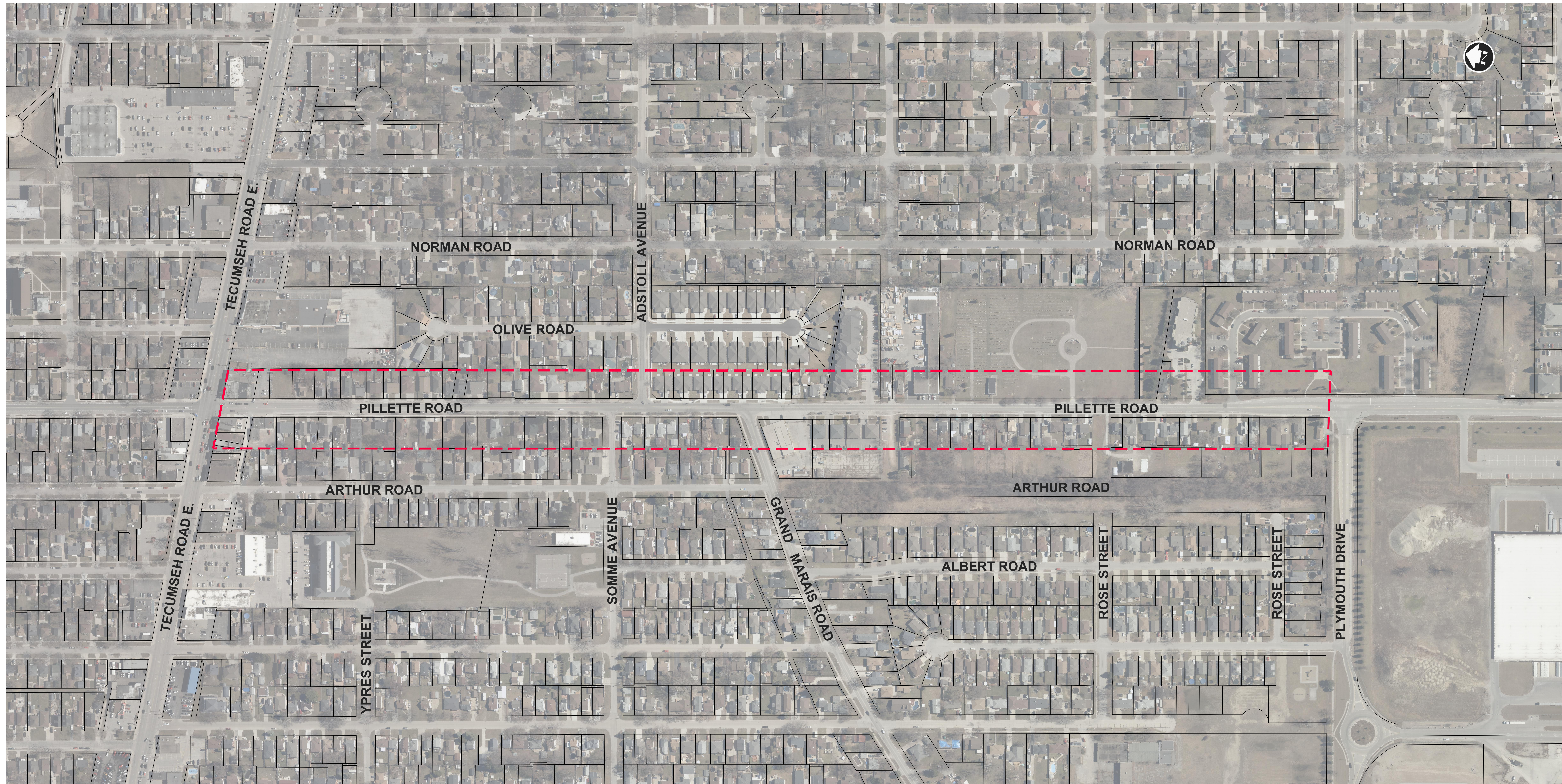
Traffic calming projects are the implementation of mostly physical measures to:

- Reduce vehicle speeds
- Reduce cut-through traffic volumes
- Improve pedestrian comfort

**The purpose of this public information centre is to present the study findings to the public, identify possible solutions and obtain feedback to incorporate into the final traffic calming plan**







 PROJECT LOCATION

**PILLETTE ROAD  
STUDY AREA  
- PROJECT LOCATION**



PROJECT NUMBER: 20-2933

DATE: June 2020

SCALE: N.T.S.

**TRAFFIC CALMING  
STUDY**

**Figure 1**



# Pillette Road – Background & Key Issues

- **Collision History (2014-2018):**

- 1.4/year between Tecumseh Road and Somme Avenue
- 0.6/year between Somme Avenue and Plymouth Drive

- **Traffic Volumes:**

- 7,500 vehicles/day south of Tecumseh Road; 3% trucks during the day
- 3,950 vehicles/day south of Grand Marais Road; 9% trucks during the day

- **Vehicle Speeds (south of Grand Marais Road):**

Speed Limit	Average Speed	85 <sup>th</sup> Percentile Speed
50 km/h	58-59 km/h	65-67 km/h

- The data indicates that **travel speed** is the primary factor to be mitigated through traffic calming



*Pillette Road / Grand Marais Road (looking southeast)*



*Pillette Road (looking south)*



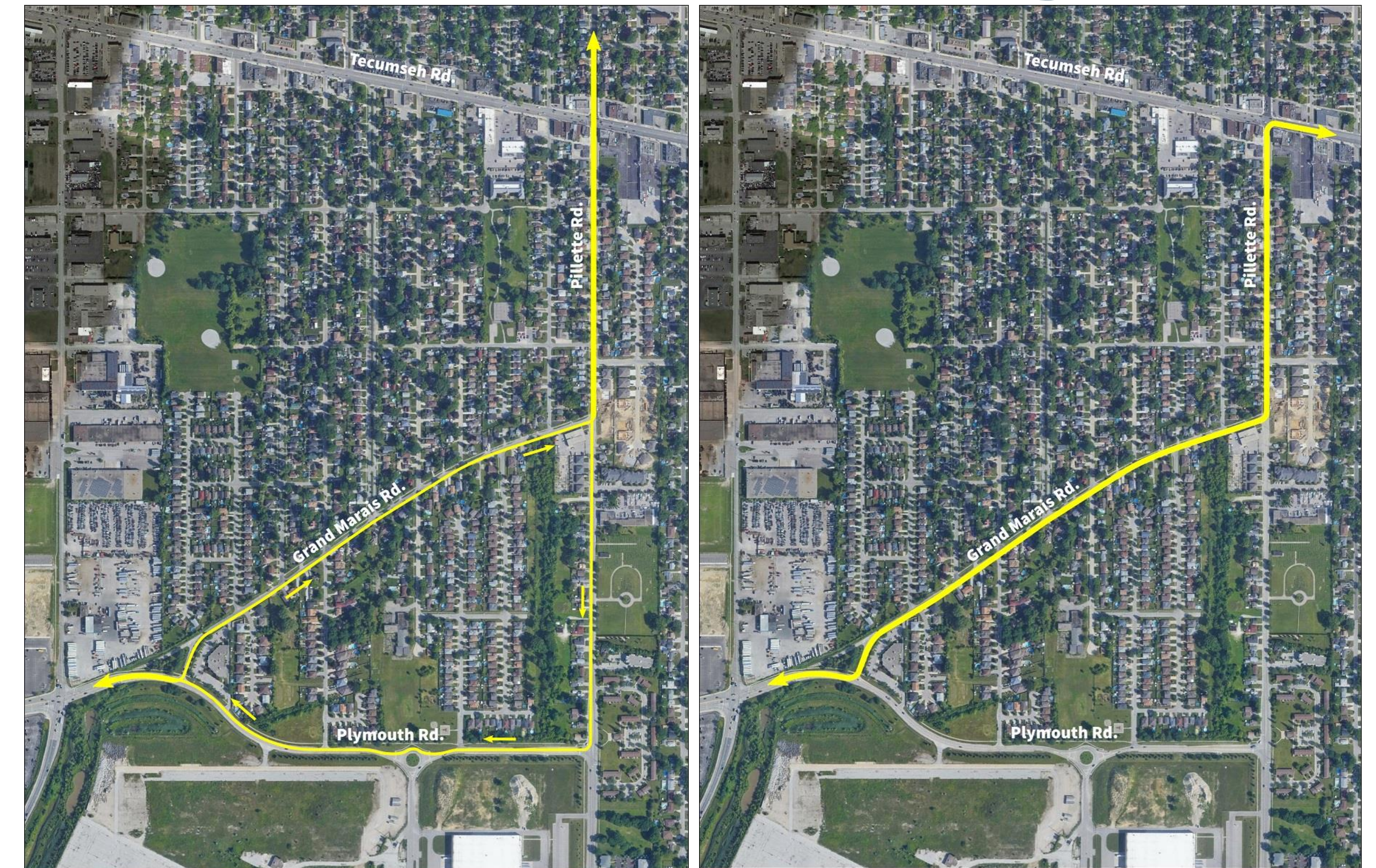
# Pillette Road – Factors Considered in Identifying Measures

- **Trucks and Buses**

- Pillette Road is a designated truck route throughout the study area
- Transit Windsor buses operate along Pillette Road throughout the study area. Transit Windsor’s proposed bus route changes would remove service south of Grand Marais Road
- The need to accommodate trucks and buses limits the ability to apply vertical measures (e.g., speed humps)

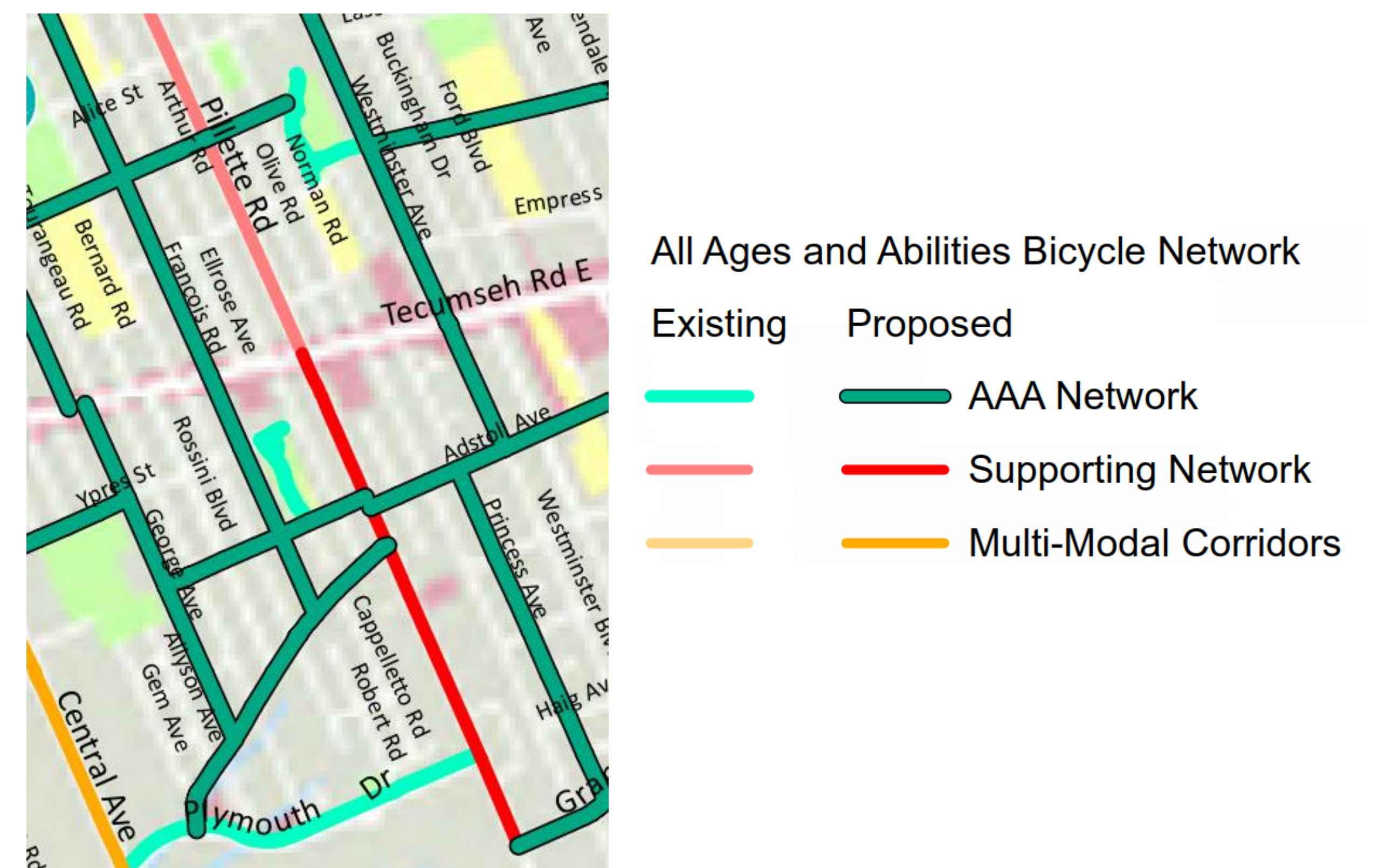
- **Cycling**

- The following cycling corridors were identified in the 2019 Active Transportation Master Plan (ATMP):
  - "All Ages and Abilities" (AAA) bicycle corridor along Somme Avenue / Adstoll Avenue
  - Nearby AAA corridors parallel to Pillette Road to the west (Francois Road) and the east (Westminster Avenue / Princess Avenue)
  - Pillette Road identified as part of "supporting network" as a longer-term measure; most of the study area would require substantial road reconstruction to accommodate dedicated bicycle facilities
  - The proposed traffic calming measures do not include bicycle facilities but have considered the feasibility of including them at a later date in conjunction with more extensive road reconstruction



*Existing Bus Network*

*Proposed Bus Network*



*Excerpt from Figure 27 of Windsor’s ATMP*



# Pillette Road – Potential Traffic Calming Solutions

Potential traffic calming solutions along Pillette Road include:

- Constructing a “Type C” pedestrian crossover (PXO) on Pillette Road between Somme Avenue and Adstoll Avenue
  - Provides controlled crossing opportunity for pedestrians and users of future AAA cycling facility
  - Narrowing the roadway between Adstoll Avenue and Grand Marais Road; reducing corner radius at Grand Marais Road
  - Reduces overall pavement width to encourage slower travel speeds
  - Improves sight distance for traffic turning from Grand Marais Road onto Pillette Road
- Constructing landscaped median islands along Pillette Road between Grand Marais Road and Plymouth Road
  - Reduces the optical width of the street to encourage slower travel speeds
  - Deflection of travel lanes around island to reinforce the need for slower travel speeds
  - Provides an opportunity for additional landscaping along corridor
- Extending areas where parking is allowed adjacent to the roadway
  - Additional side friction to encourage slower travel speeds
  - Provides additional short-term parking for residents living along Pillette Road

The estimated construction cost is approximately \$385,000.

## Pillette Road Traffic Calming

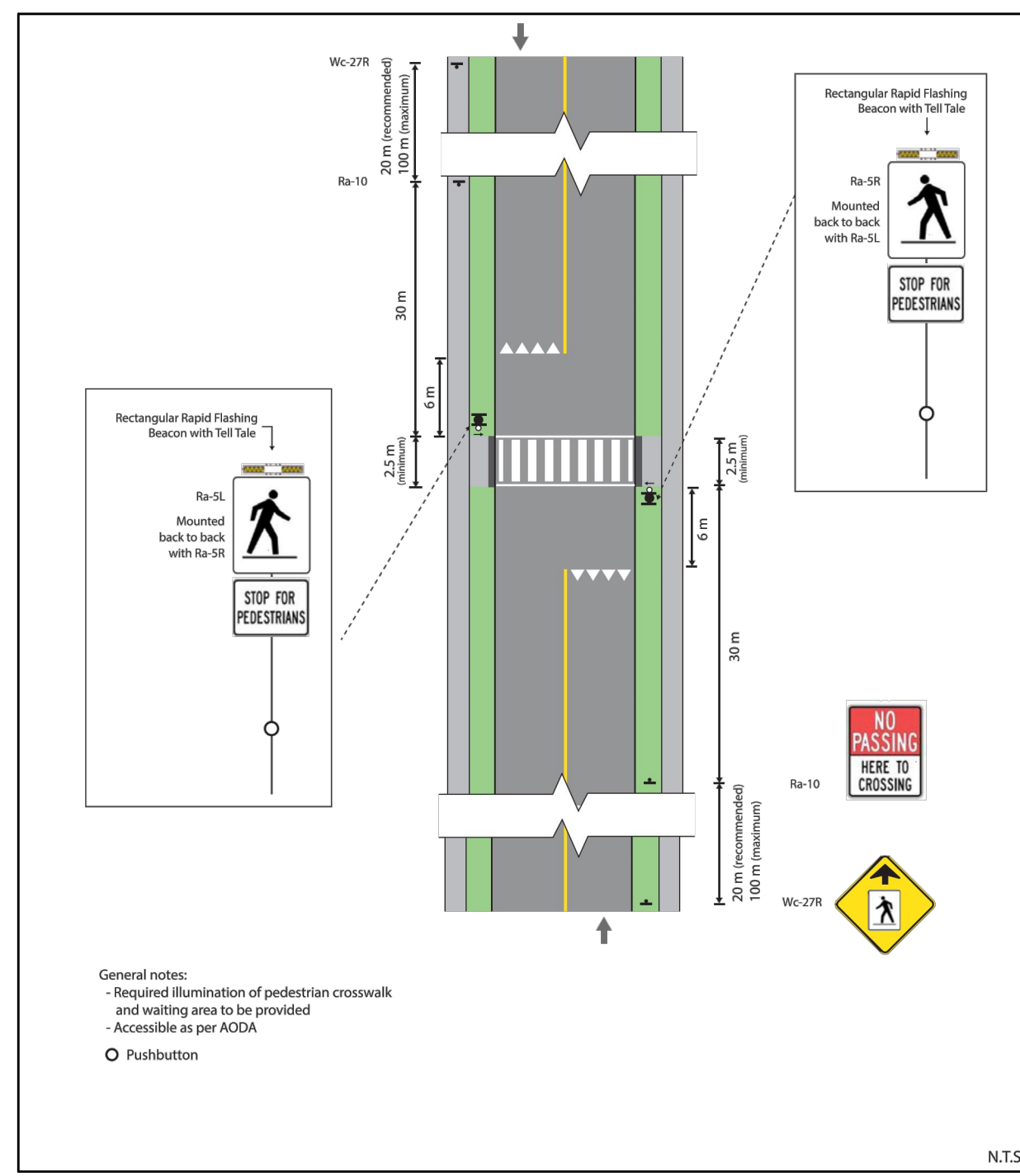


*Wyandotte Street East/Chilver Road (looking southeast)*

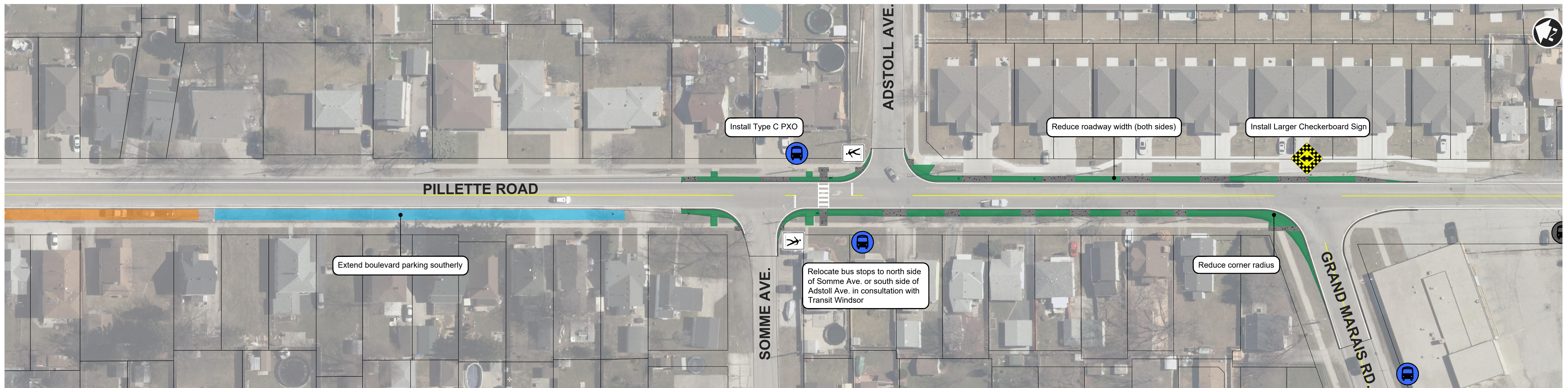


*Rousseaux Street in Hamilton, Ontario  
(Courtesy of Google Maps)*





**Example Type C PXO**

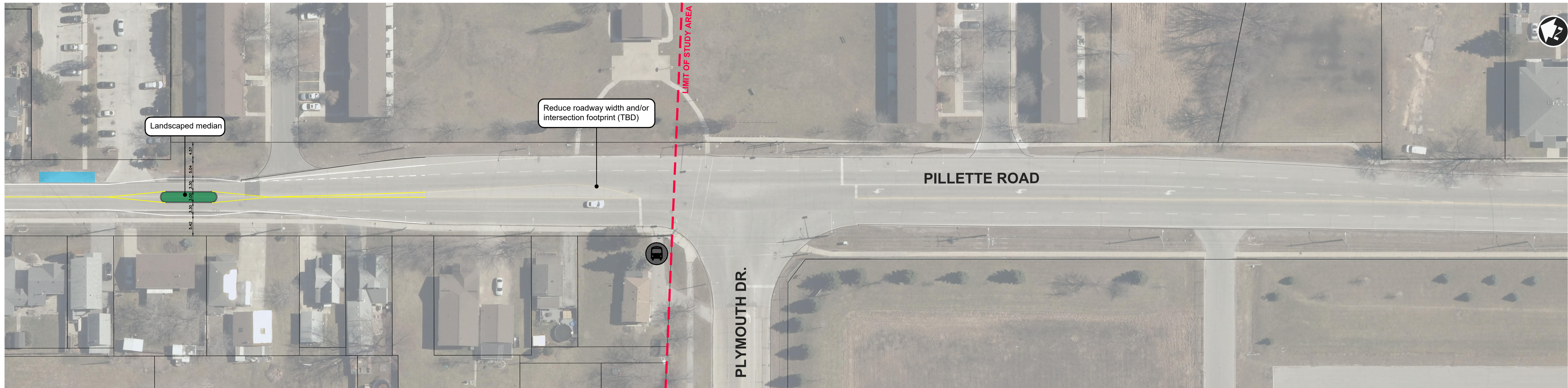
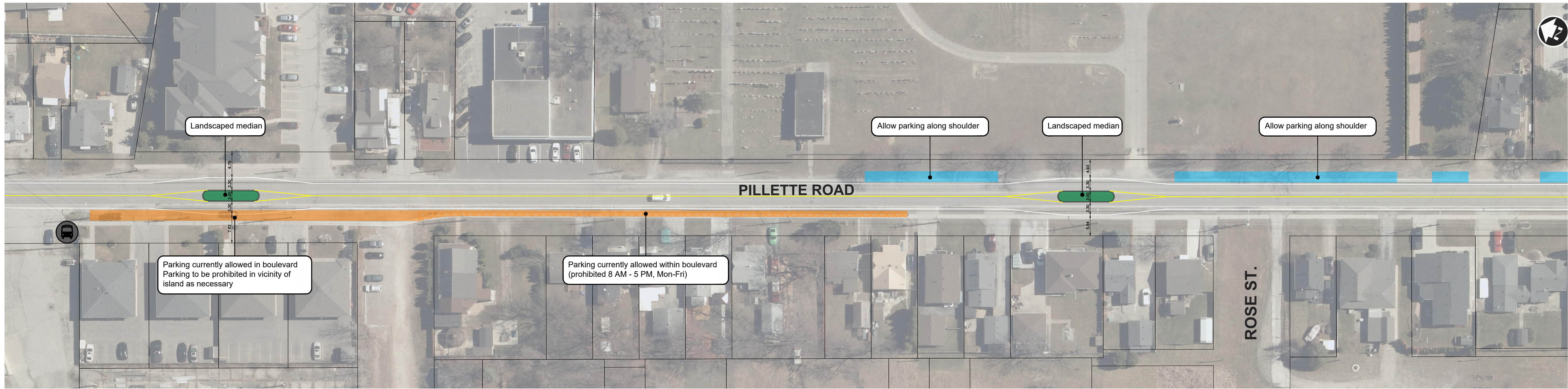


PROPOSED GRASS / LANDSCAPING	PEDESTRIAN CROSSOVER LEVEL 2 TYPE C	TRANSIT BUS STOP (EXISTING AND PLANNED RESTRUCTURED SERVICE)	TRANSIT BUS STOP (EXISTING SERVICE ONLY)	PARKING ALLOWED (EXISTING)	PARKING ALLOWED (PROPOSED)
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**PILLETTE ROAD STUDY AREA - PROPOSED MODIFICATIONS**

May, 06, 2021 12:01 PM





PROPOSED GRASS / LANDSCAPING



PEDESTRIAN CROSSOVER LEVEL 2 TYPE C



TRANSIT BUS STOP (EXISTING AND PLANNED RESTRUCTURED SERVICE)



TRANSIT BUS STOP (EXISTING SERVICE ONLY)

PARKING ALLOWED (EXISTING)

PARKING ALLOWED (PROPOSED)

**PILLETTE ROAD STUDY AREA - PROPOSED MODIFICATIONS**



PROJECT NUMBER: 20-2933

DATE: May 2021

SCALE: 1:500

**TRAFFIC CALMING STUDY**

**Figure 3**



# Pillette Road – Next Steps

- Review feedback from area residents and stakeholders
  - Feedback deadline: **July 16, 2021**
- Finalize the traffic calming plan
- Consult the study (survey) area (*one vote per household or commercial property*)
  - In order to approve the finalized traffic calming plan:
    - A minimum 50% of all properties in the survey area **must** respond **and**
    - At least 60% of all respondents to the survey **must** support the plan
- Should the survey pass, the traffic calming plan would move forward for Council approval and implementation
  - Anticipated construction: Summer 2022 (subject to Council approval)



*Pillette Road  
Study (Survey) Area Limits*





**Thank You**

## **Pillette Road Traffic Calming**

**Comments need to be received by July 16, 2021**

**Comments can be sent to the City of Windsor through 311,  
or via e-mail at: *transportation@citywindsor.ca***