

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

Pillette Road Traffic Calming



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 th 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 Traffic Calming

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



- All Ages and Abilities Bicycle Network
- | | |
|----------|----------|
| Existing | Proposed |
| | |
| | |
| | |
- AAA Network
Supporting Network
Multi-Modal Corridors

Excerpt from Figure 27 of Windsor’s ATMP

Pillette Road Traffic Calming

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.

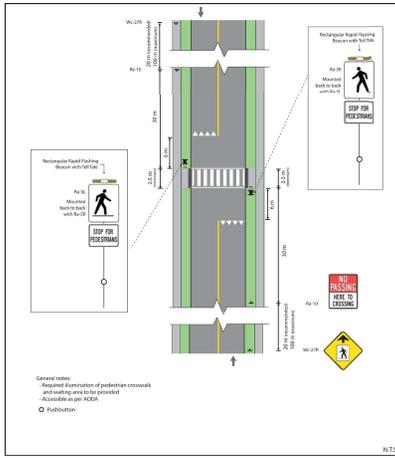
Pillette Road Traffic Calming



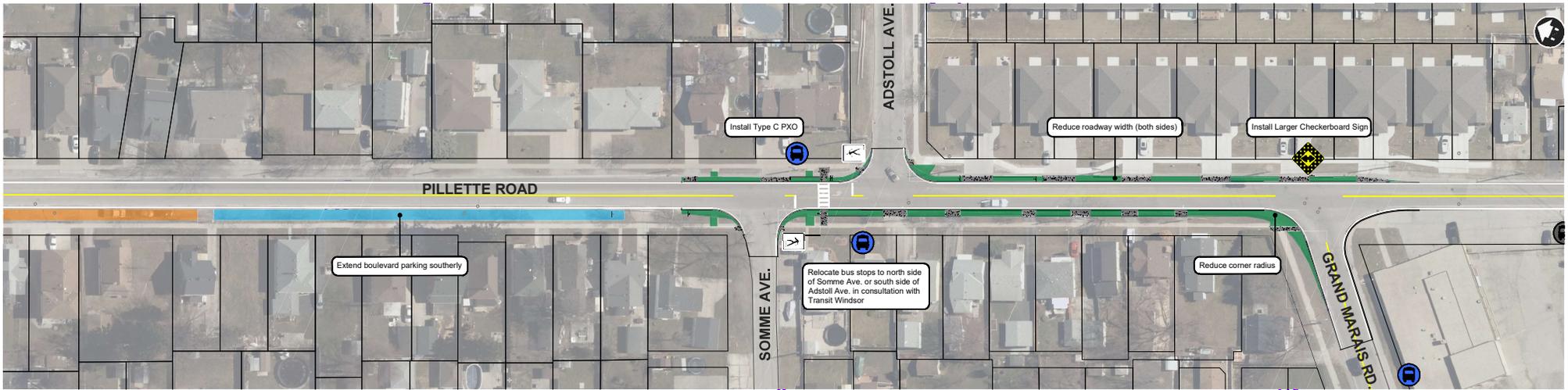
Wyandotte Street East/Chilver Road (looking southeast)



*Rousseau 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)

PILLETTE ROAD STUDY AREA - PROPOSED MODIFICATIONS

TRAFFIC CALMING STUDY

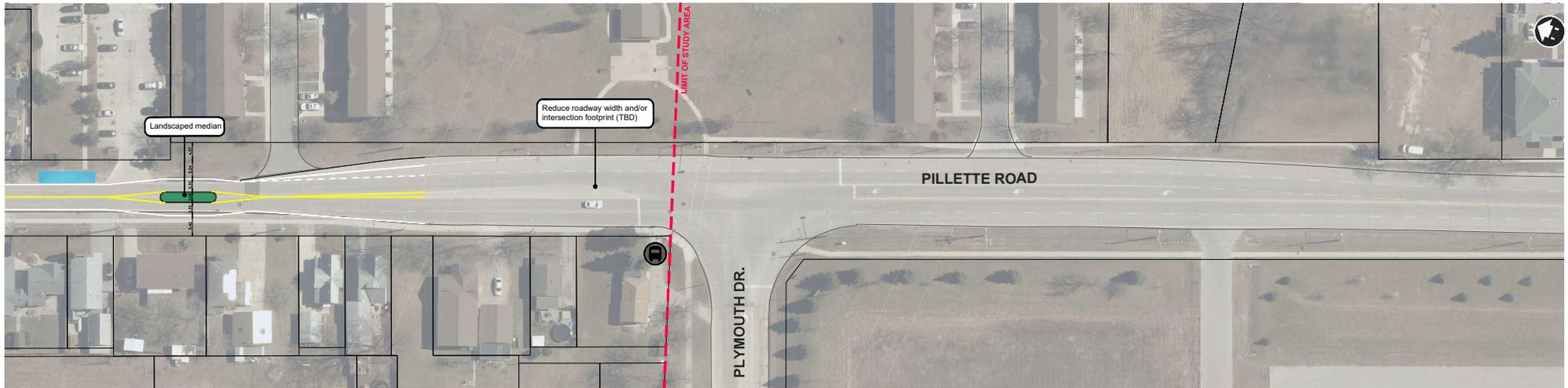
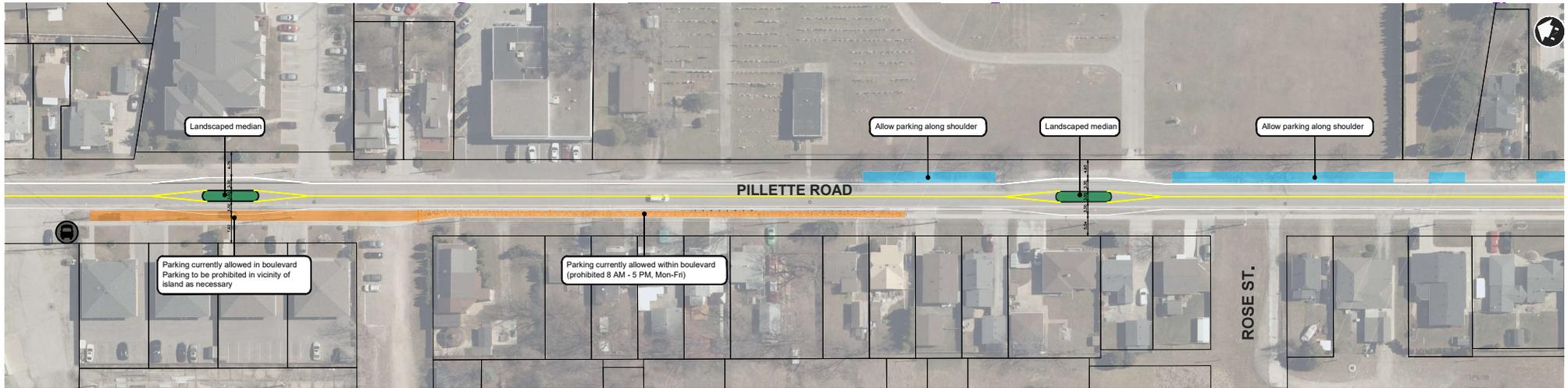
Figure 2



PROJECT NUMBER: 20-2993

DATE: May 2021

SCALE: 1:500



- 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***