



# Kildare Road Traffic Calming

## Ottawa Street to Tecumseh Road East

November 23<sup>rd</sup>, 2021 – Public Information Centre  
6:30 PM – 8:30 PM

# AGENDA

- What is Traffic Calming?
- Background on Kildare Road
  - Original Concerns
  - Collection of Data
  - Active Transportation
- Proposed Concept
- Next Steps

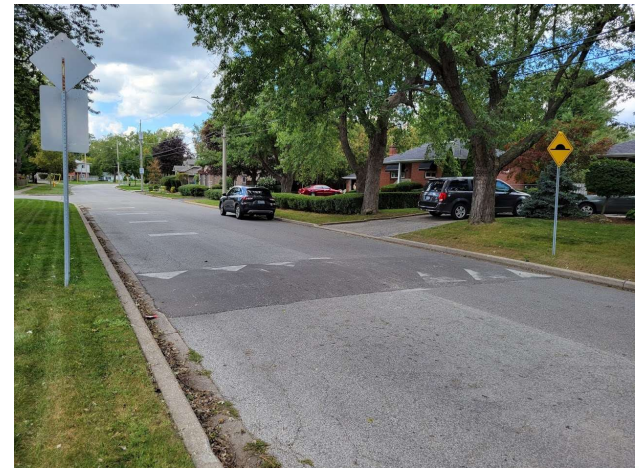
# What is Traffic Calming?

**Traffic Calming is the implementation of mainly physical measures to:**

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

**The objective of Traffic Calming are to:**

- Reduce vehicle speeds
- Reduce cut-through traffic volume
- Reduce the number and severity of collisions
- Improve the neighbourhood environment



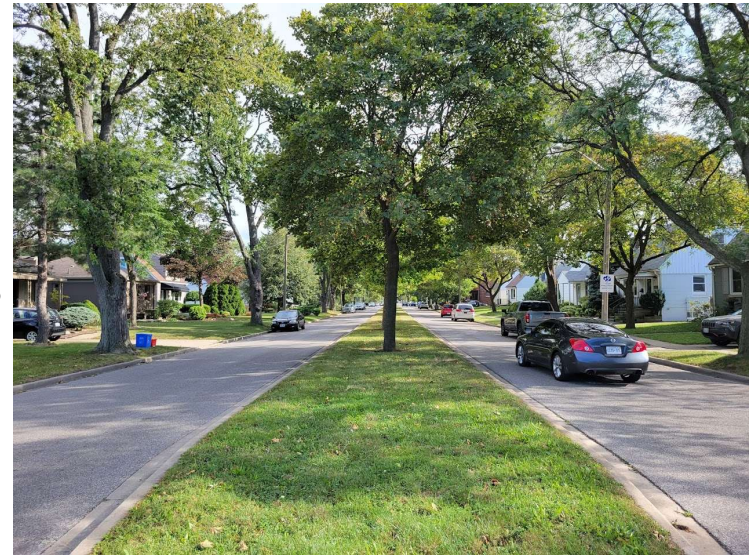
Bartlet Drive, Windsor, West of Mansfield Avenue  
(looking West)

# Background on Kildare

The high traffic volume on Kildare Road from Seneca Street to Tecumseh Road E were the original concerns.

The most recent comment we have received was regarding the speeding.

The City reviewed the volume, speed, and other data such as collisions and general demographic of the area to determine that Kildare Road qualified for traffic calming measures.



Kildare Road South of Seneca Street (looking South)

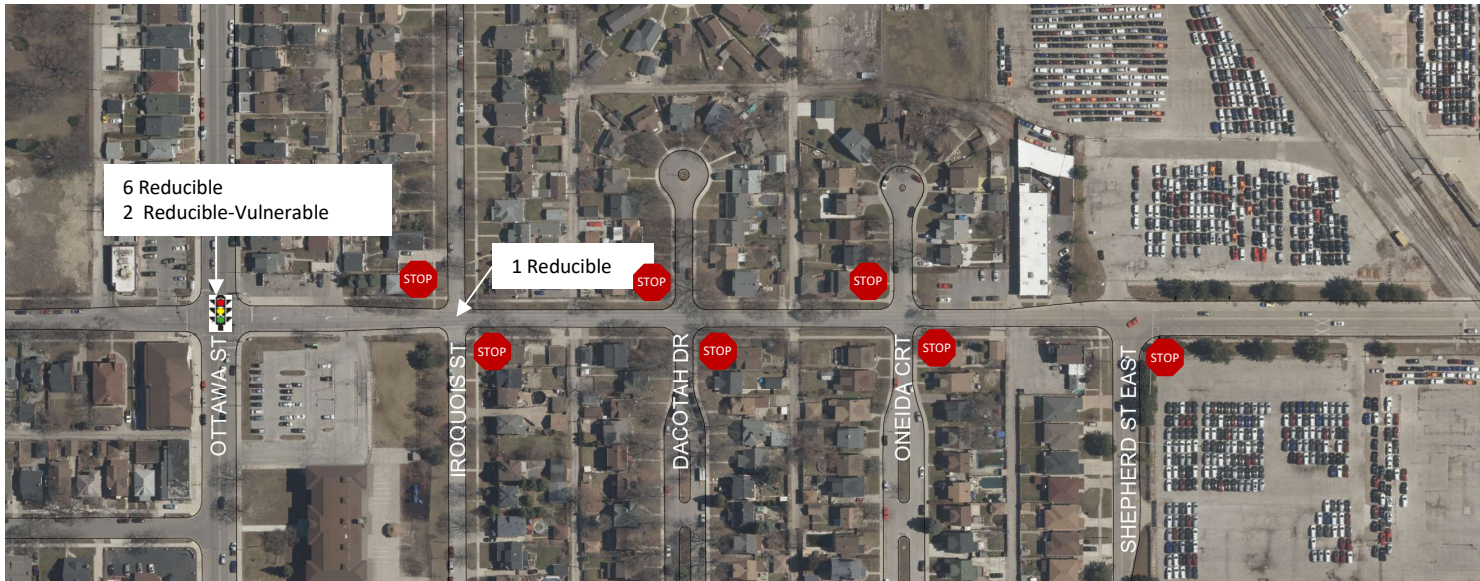


Kildare Road North of Seneca Street (looking North)



Kildare Road North of Shepherd Street (looking North)

# Kildare Road - Collisions Data (2015-2019)



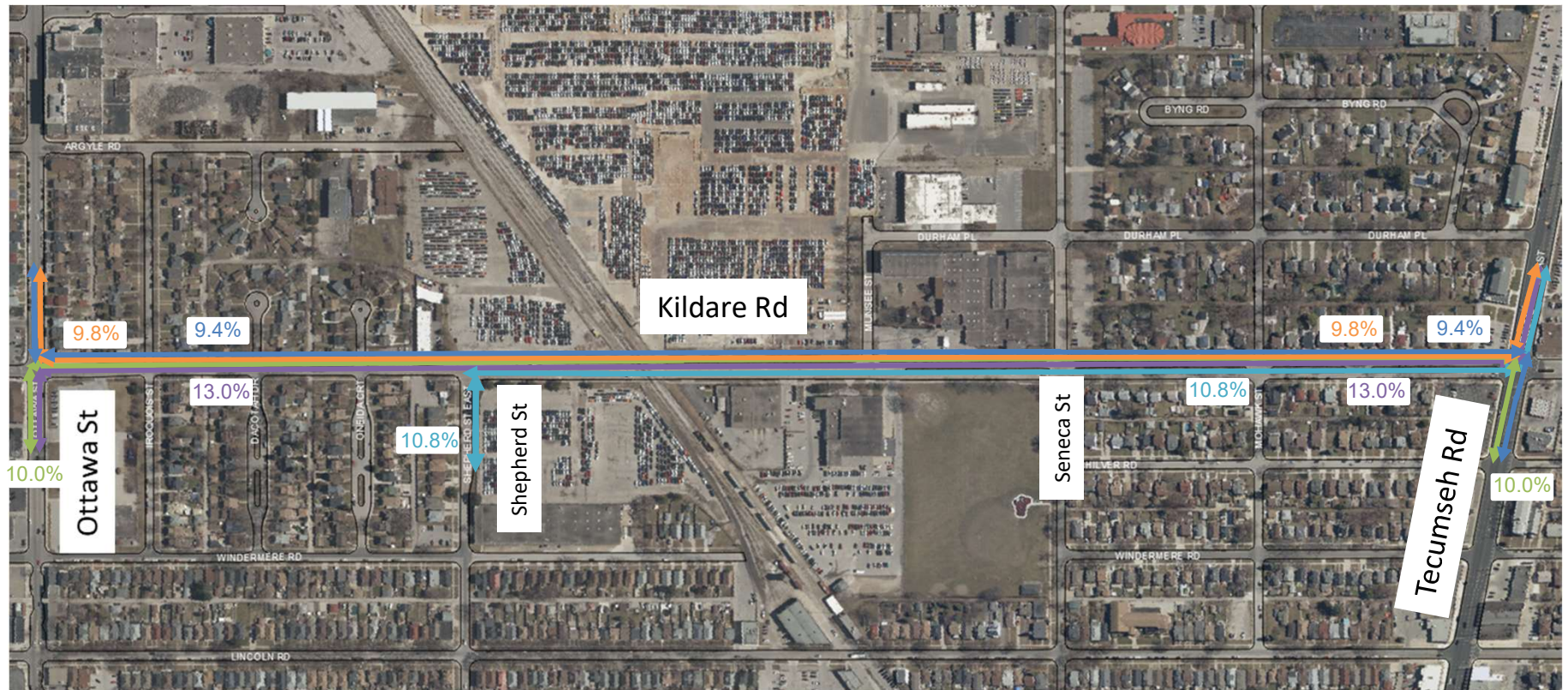
# Kildare Road - Speed & Volume Data

Vehicles Per Day	Speed Limit	85 <sup>th</sup> Percentile Speed
4,822	50 km/h	55.3 km/h

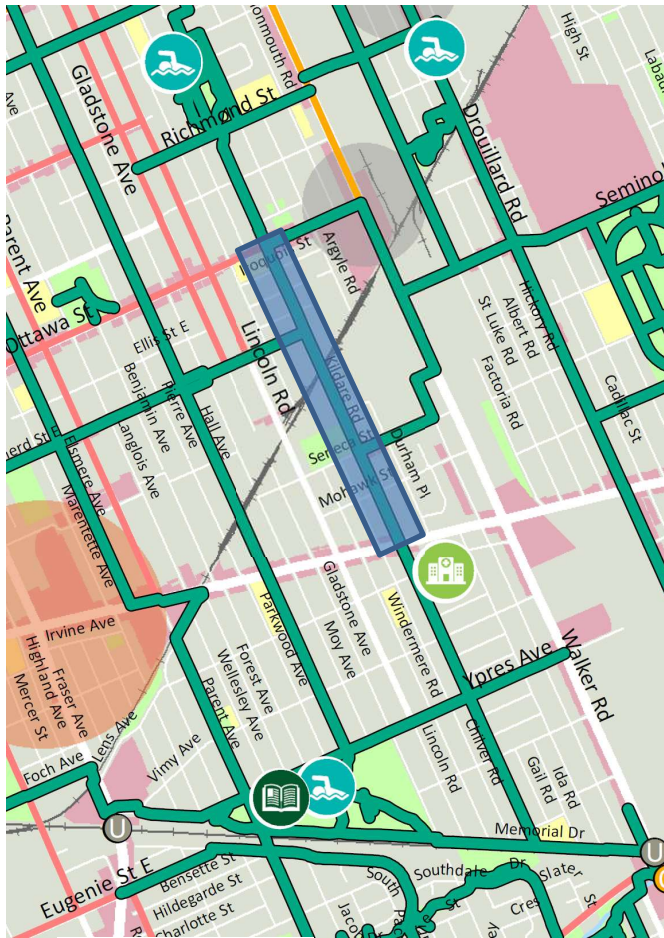


# Kildare Road - Cut Through Traffic

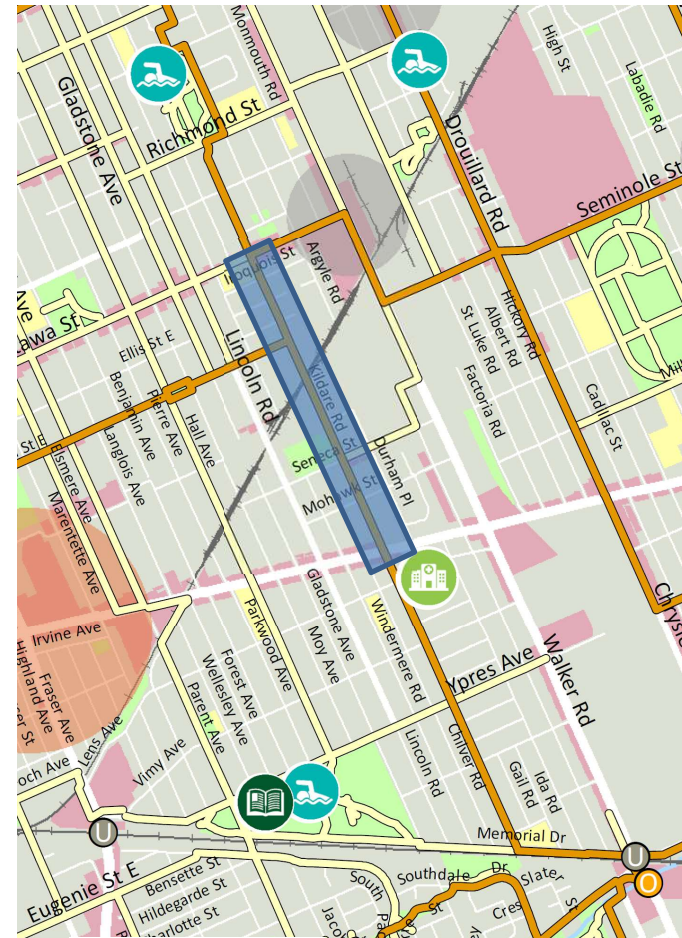
Based on our analysis we have found that 66% of the traffic volume is cut through traffic.



# Kildare Road - Active Transportation



- Study Area
- AAA
- Supporting
- Multi-Modal Corridor



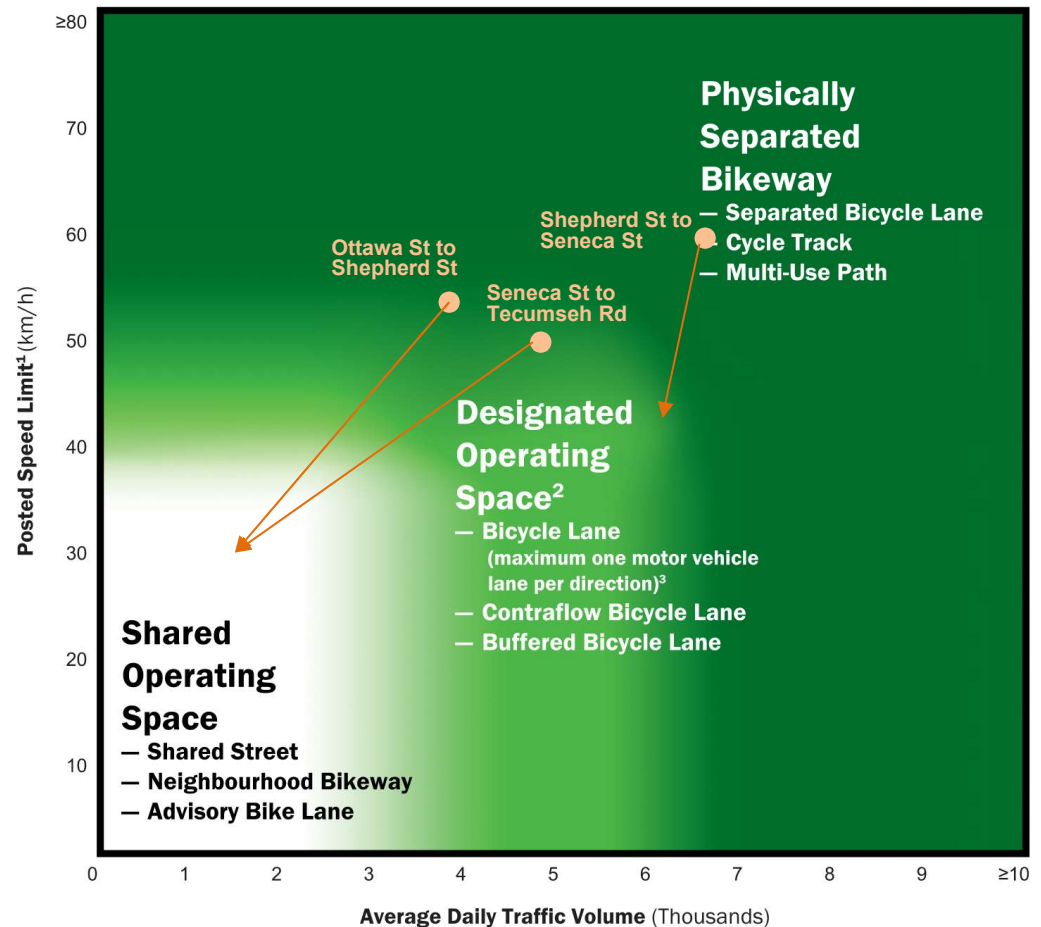
- Study Area
- Downtown Grid
- Regional Spine
- Connector



# Kildare Road - Active Transportation

## Desirable Cycling Facility Pre-Selection Nomograph Urban/Suburban Context (Step 1)

By following the facility selection procedure outlined from the Ontario Traffic Manual (OTM) Book 18, we selected both **Local Street Bikeway** and **Protected Bicycle Lanes** as the bike facility design for the corridor.



# Kildare Road - Active Transportation

## Local Street Bikeway Facility

Local Street Bikeway facilities also known as Neighborhood Bikeways incorporate five main elements to prioritize cyclist while discouraging trips from motor vehicles:

- **Traffic Reduction** (median islands, right in right out, diagonal diverters, etc.)
- **Speed Management** (speed tables, speed humps, raised cross walks, etc.)
- **Priority** (ex. providing a continuous bikeway without stop control for cyclists)
- **Intersection Treatment** (Bike boxes, advances stop bars, bicycle actuated signals)
- **Signs and Pavement Markings** (sharrows and share the road signages)



Speed Hump, Toronto



Sharrows, Portland OR  
[www.pedbikeimages.org](http://www.pedbikeimages.org) /Transportation Research and Education Center

“Share The Road” Signage,  
Malden Rd. Windsor



# Kildare Road - Proposed Concepts



--- STUDY AREA

- Adding **speed humps** and a **local street bikeway** facility from Ottawa Street to Shepherd Street and from Seneca Street to Tecumseh Road East
- Adding **protected bike lanes** that will be protected by **traffic calming curbs** from Shepherd Street to Seneca Street
- Reducing the **speed limit** from **50km/h to 40km/h** from Shepherd Street to Seneca Street
- Reducing the **speed limit** from **50km/h to 30km/h** from Ottawa Street to Shepherd Street and from Seneca Street to Tecumseh

- The estimated construction cost is approximately \$ 198,550.00

## Kildare Road - Ottawa St to Shepherd St (Section 1)



## Kildare Road – Seneca St to Tecumseh Rd E (Section 3)

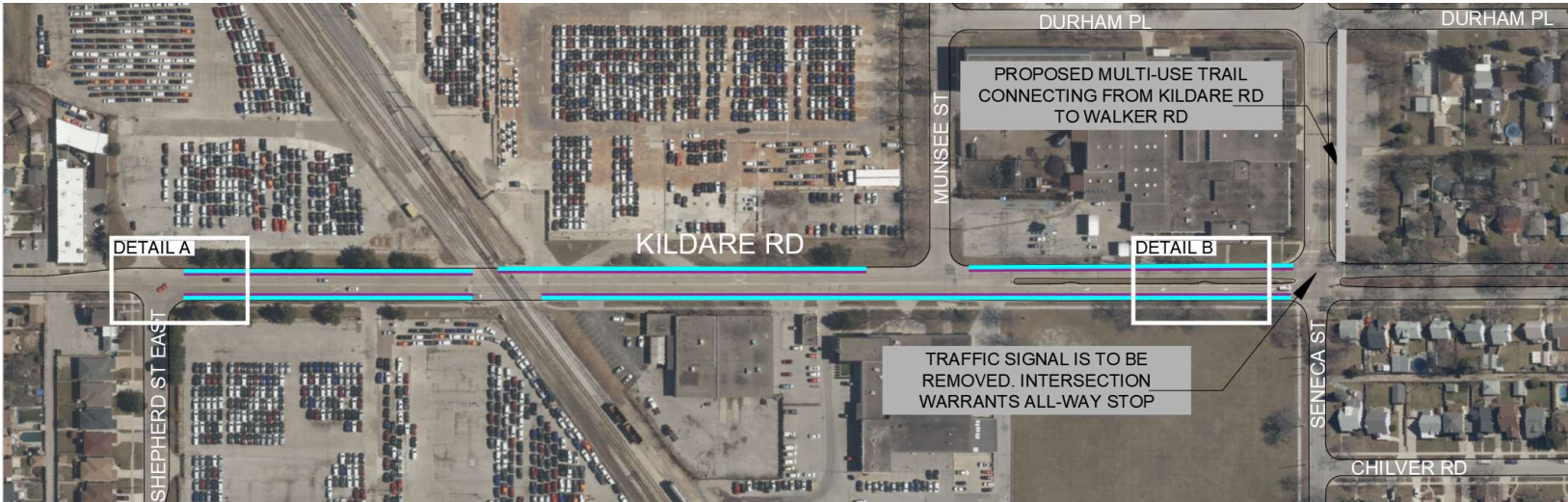


Speed humps



Example of a Speed Hump  
with signage - OTM Book 18

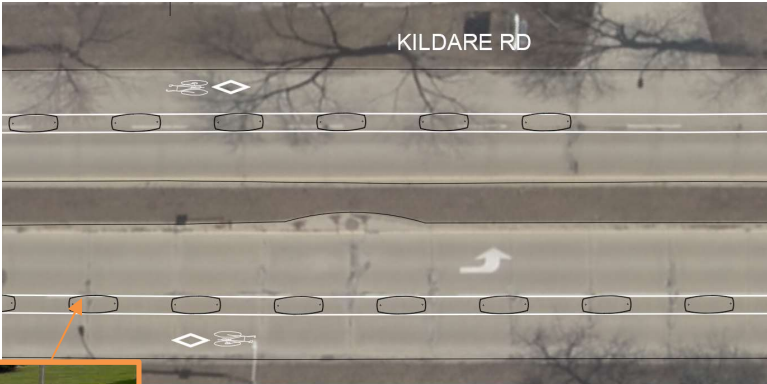
# Kildare Road – Shepherd St to Seneca St (Section 2)



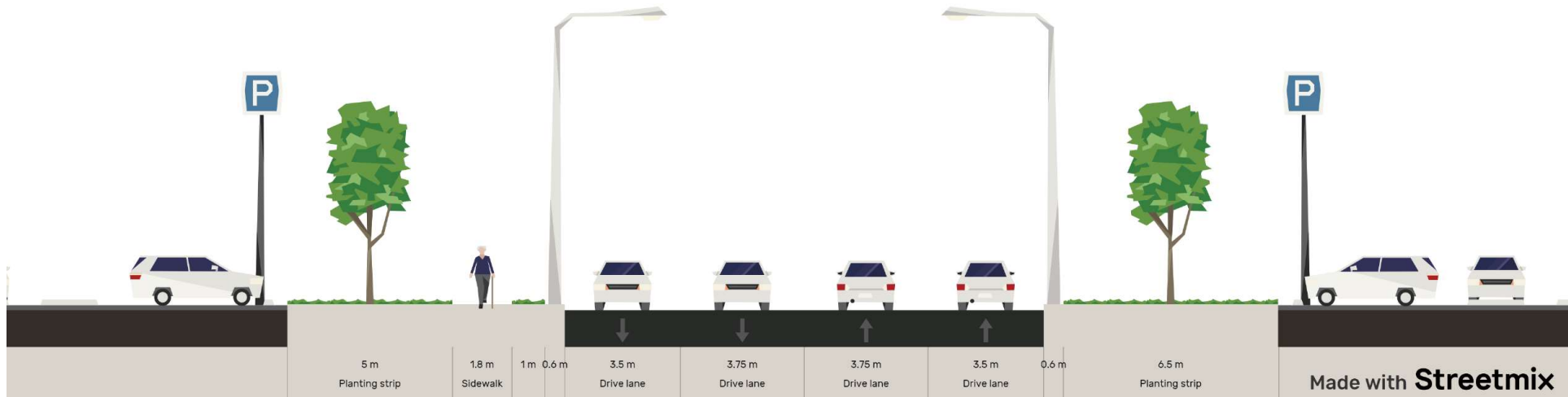
- PROTECTED BIKE LANE (2.5M)
- TRAFFIC CALMING CURB LANE (1M)

**Detail A**

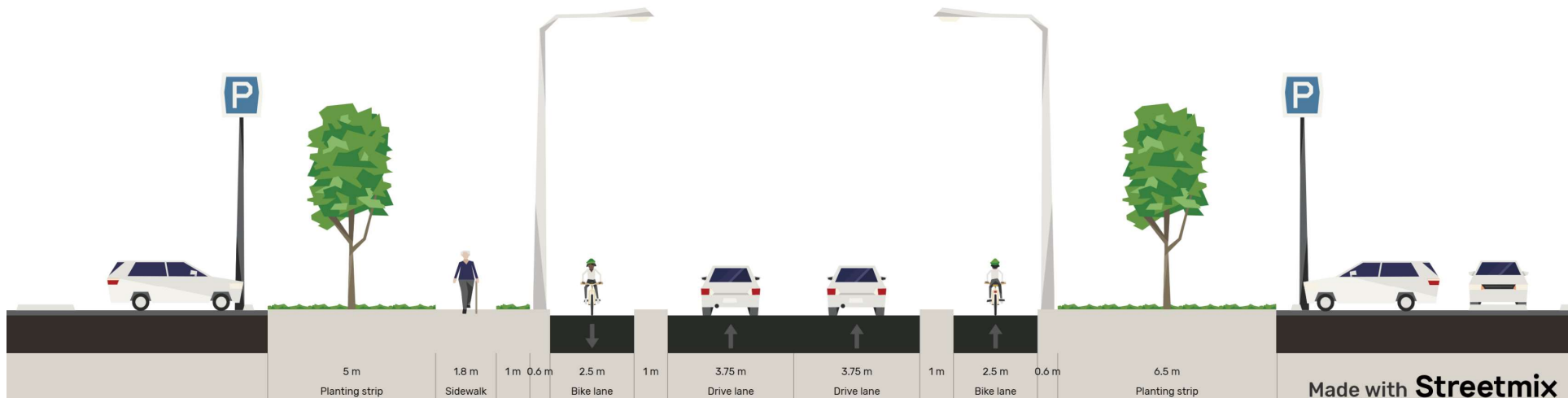
**Detail B**



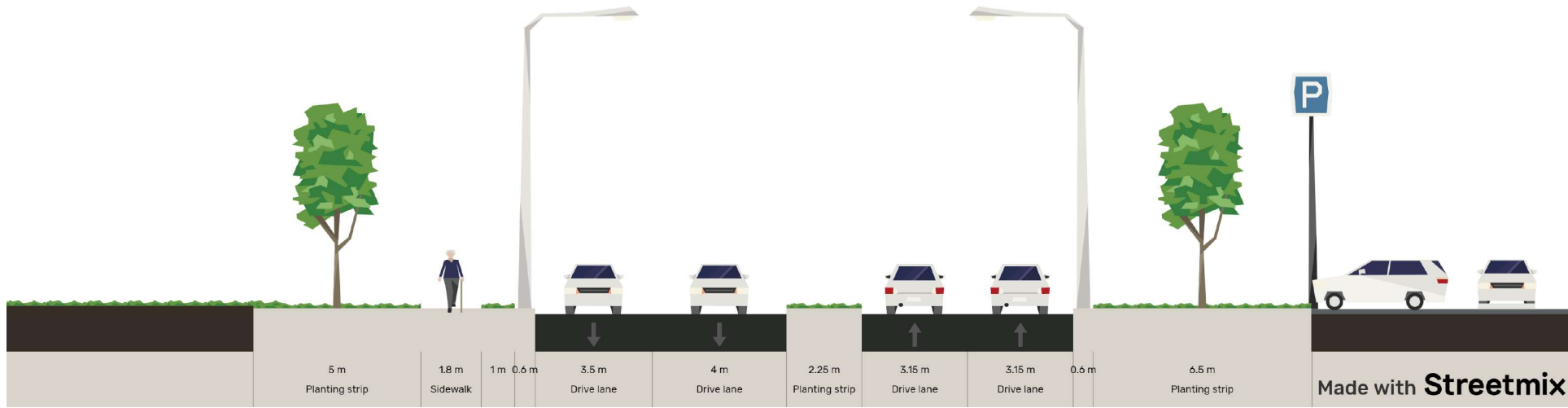
## Kildare Road – Shepherd St to Munsee St (Existing)



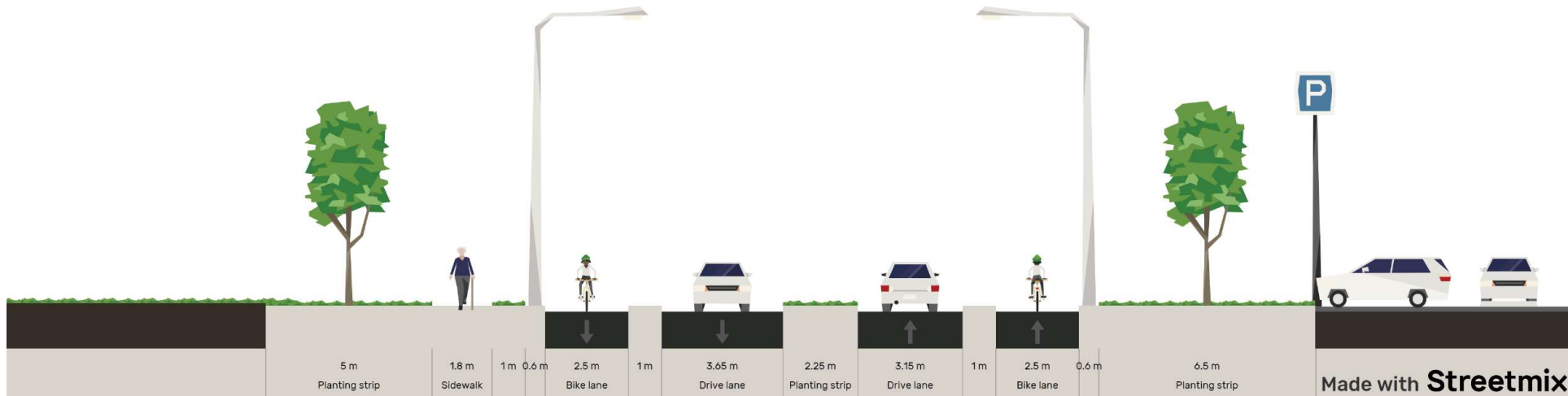
## Kildare Road – Shepherd St to Munsee St (Proposed)



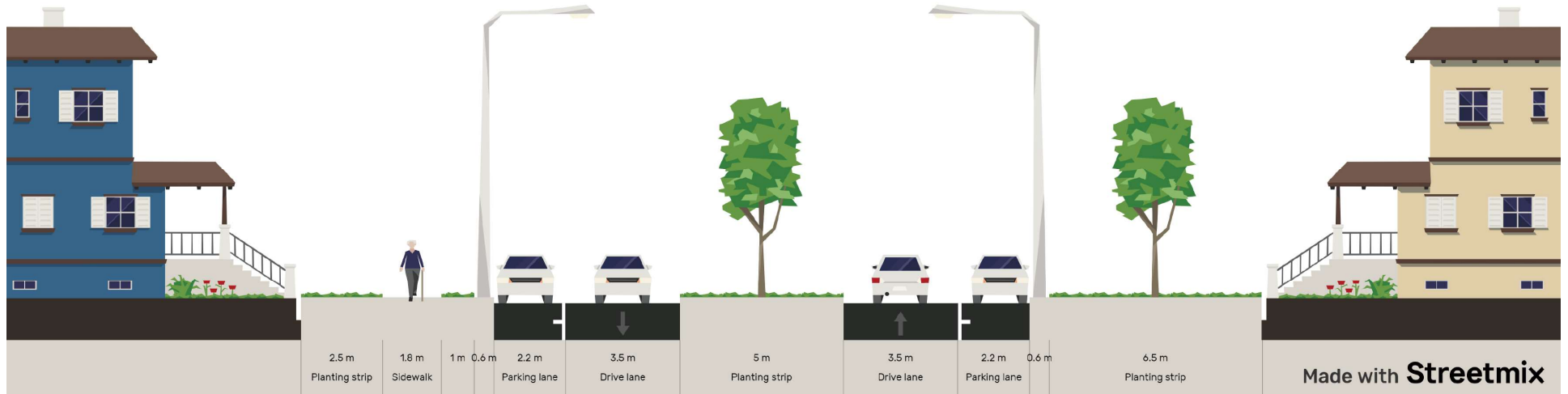
## Kildare Road – Munsee St to Seneca St (Existing)



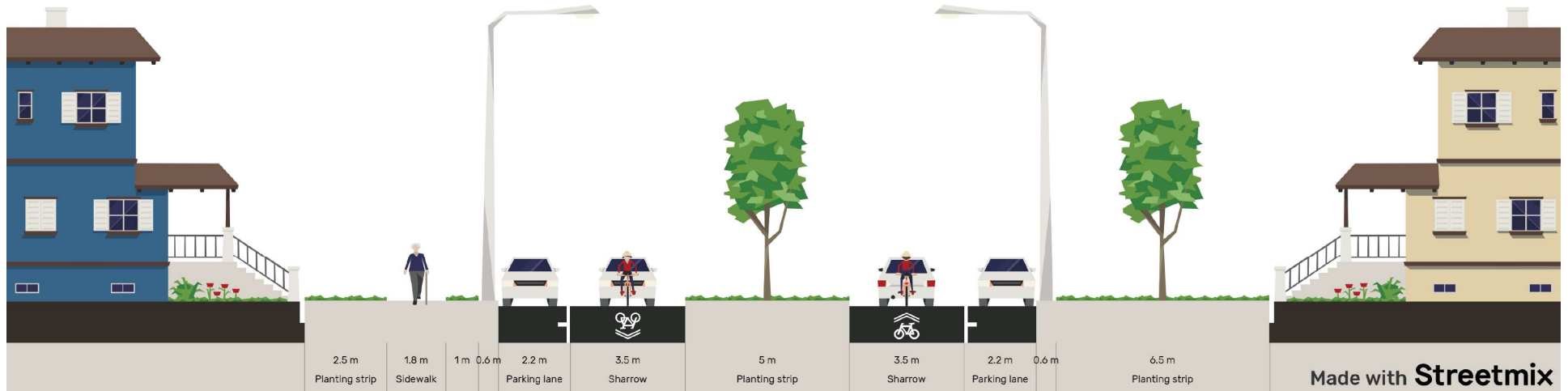
## Kildare Road – Munsee St to Seneca St (Proposed)



## Kildare Road – Seneca St to Tecumseh Rd (Existing)



## Kildare Road – Seneca St to Tecumseh Rd (Proposed)





# Kildare Road – Next Steps

Review feedback from residents and stakeholders

Feedback deadline: December 21, 2021

Finalize the Traffic Calming Plan

Report to Environment, Transportation and Public Safety Standing Committee

Council Approval

- Anticipated Construction: Summer 2022

# Thank You!



## **Kildare Road Traffic Calming**

Ottawa Street to Tecumseh Road East

Please provide comments by December 21<sup>st</sup> 2021