

Montclair Ave/Central Ave/Graham Ave/Frederick Ave

Project Details

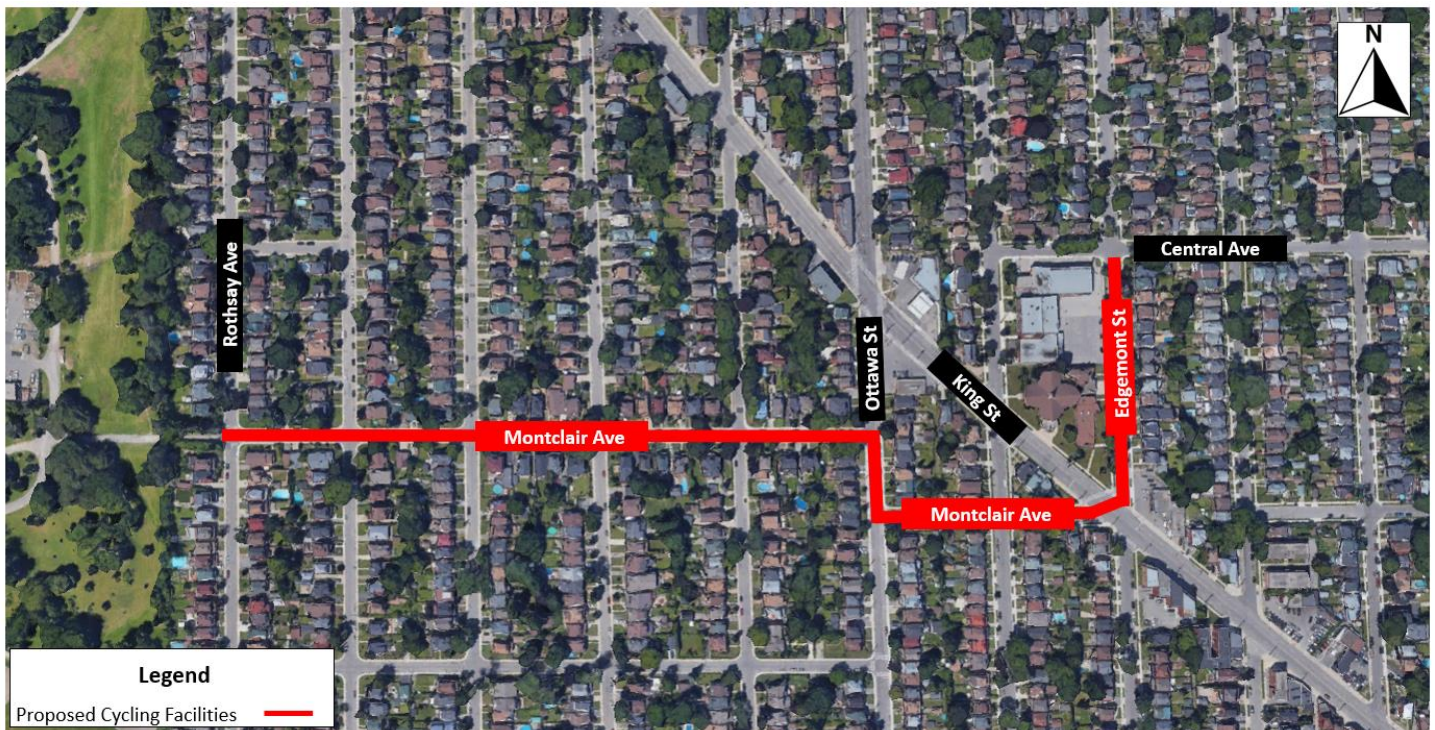
Project Boundary: **Montclair Ave:** Gage Park to Edgemont St.
Central Ave: Edgemont St. to Red Hill Valley Trail
Graham Ave: Roxborough Ave. to Lawrence Rd.
Frederick Ave: Roxborough Ave. to Cannon.

Ward: 3 & 4 Phase: Design (2024)
Implementation (2024)

Project Length: 5.0 km

Key Map

Montclair Ave - Gage Park to Edgemont St:



Central Ave - Edgemont St to Red Hill Valley Trail:



Frederick Ave – Cannon St to Roxborough Ave / Graham Ave - Roxborough Ave to Lawrence Road:



Description

The purpose of this project is to implement an east-west bicycle boulevard connection along Montclair Ave between Gage Park and King Street; Edgemont St between King St and Central Ave; and Central Ave between Edgemont St and the Red Hill Valley Trail. In addition, the project includes a north-south connection utilizing Graham Ave between Lawrence Rd & Roxborough Ave and Frederick Ave between Roxborough Ave & Cannon St.

Precedent Images and Visualizations

Breadalbane Avenue (Hamilton, ON)
Bicycle Boulevard



Kent Street (Hamilton, ON)
Bicycle Boulevard



Cycling Facilities Selection Tools

Nomograph Alignment – OTM Book 18

Central Ave at Kenilworth Ave (TMC Count)

Total ADT: 1,425 (2023)

Graham Ave at Main St (TMC Count)

Total ADT: 777 (2023)

Frederick Ave at Cannon St (TMC Count)

Total ADT: 546 (2023)

Montclair Ave at Ottawa St (TMC Count)

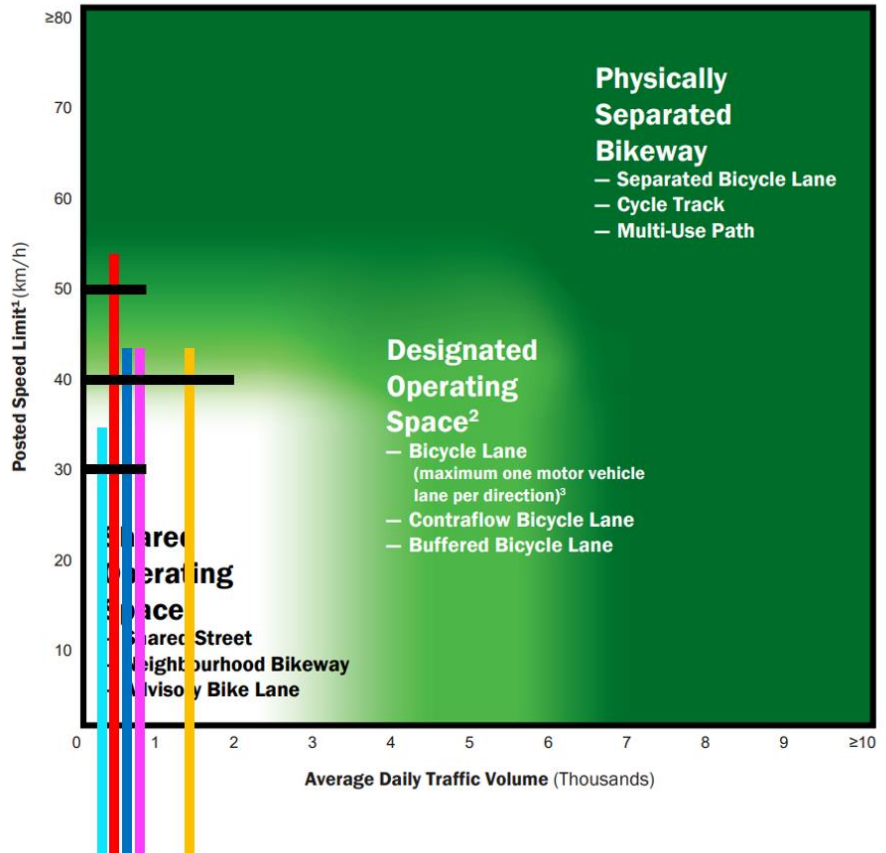
Total ADT: 355 (2023)

Edgemont St at King St (TMC Count)

Total ADT: 274 (2023)

LEGEND

Central Ave (at Kenilworth Ave)	
Graham Ave (at Main St)	
Frederick Ave (at Cannon St)	
Montclair Ave (at Ottawa St)	
Edgemont St (at King St)	



Rationale

According to the cycling facilities nomograph OTM Book 18, the corridor along Edgemont St, Central Ave, Graham Ave and Frederick Ave warrants Bicycle Boulevards, whereas Montclair Ave warrants designated facilities due to the posted speed limit of 50 km/h. As traffic calming is a component of a Bicycle Boulevard project, it is recommended that Montclair Ave be reduced from 50 km/h to 40 km/h as part of this project.

According to the TAC Manual Nomograph it is recommended that a buffered bike lane be implemented based on the segment characteristics. However, it is presumed that with the speed limit decreasing along portions of the corridor since the time of the study provided, the 85th percentile speed will have decreased as well, thus warranting bicycle boulevards as the cycling facility suitable for this corridor. As soon as current (2023) 85th percentile speed data is available, the TAC nomograph will be updated to reflect this.

Furthermore, the implementation of a cycling facility along these corridors will provide cyclists with a safe connection to and from various schools, parks and existing on-street cycling facilities (Cannon St

& Lawrence Rd) and Pipeline Trail. In addition, a bicycle boulevard along with traffic calming elements along this corridor provides a safe alternative for travel and contributes to building healthy and sustainable communities while creating a balanced multi modal transportation system. This corridor is identified in the Cycling Master Plan (CMP) for cycling facilities, thus implementing bicycle boulevards will help achieve the goals set out in the CMP. The Complete Streets Audit Tool are located at the end of the document to provide further enhancement for the rationale.

Strategic Alignment

Capital Plan

There are no plans for any capital works along this segment within the next 5 years.

Transportation Master Plan

Action 15 - As part of the implementation of the cycling network, undertake an evaluation of Alternatives in order to select routes which maximize safety for cyclists and promote continuity of the network across the City

Detailed Maps

Montclair Ave - Rothsay Ave to King St E / Edgemont St - King St E to Central Ave:

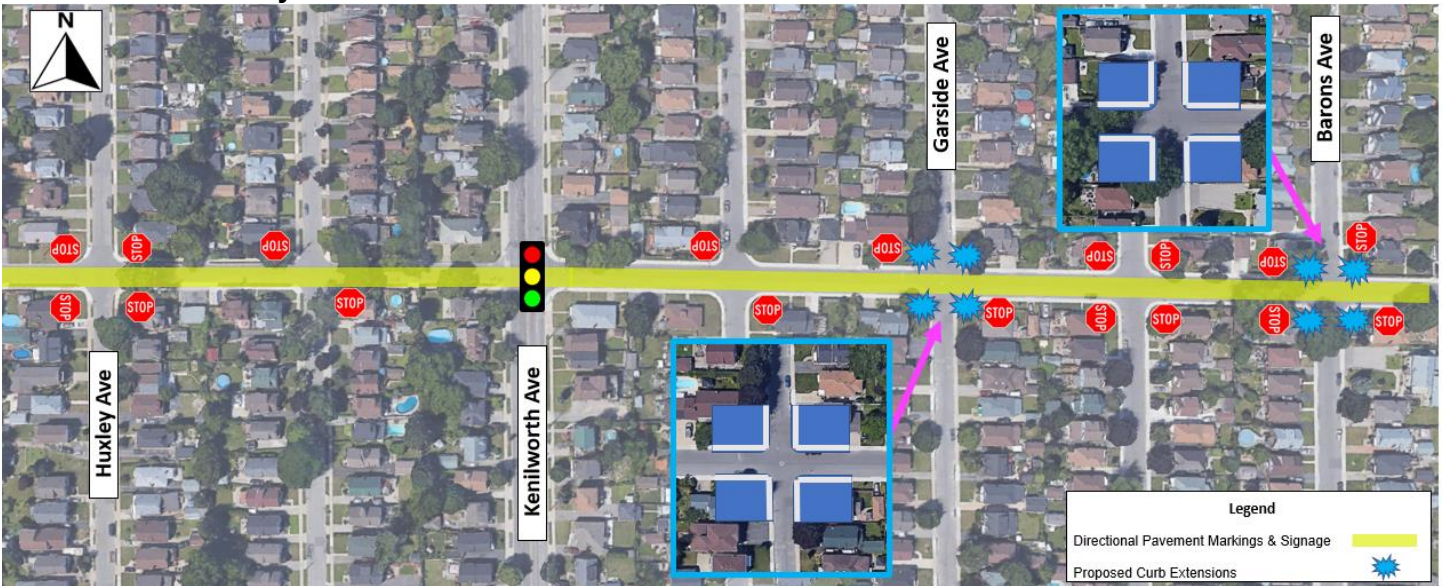


Detailed Maps

Central Ave – Edgemont St to Wexford Ave:

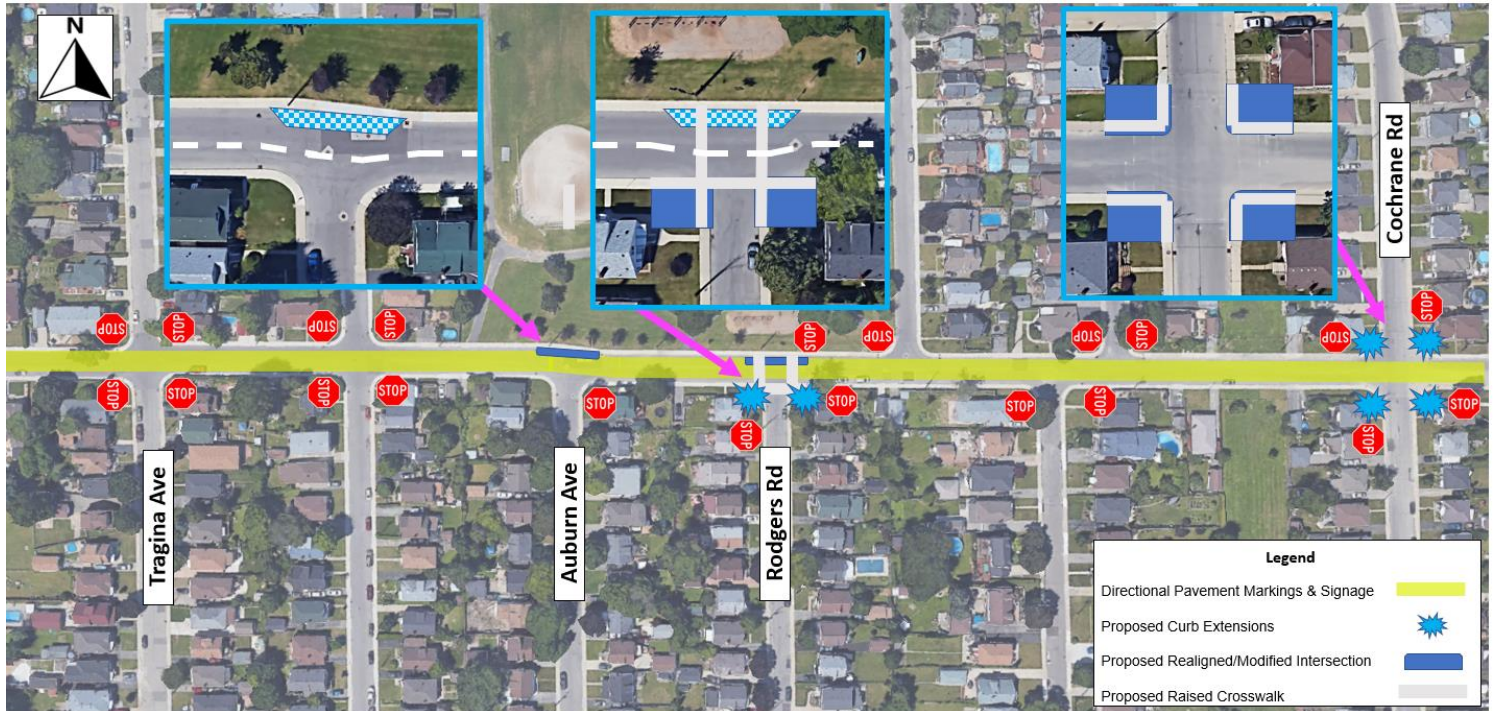


Central Ave – Huxley Ave to Barons Ave:



Detailed Maps

Central Ave – Tragina Ave to Cochrane Rd:

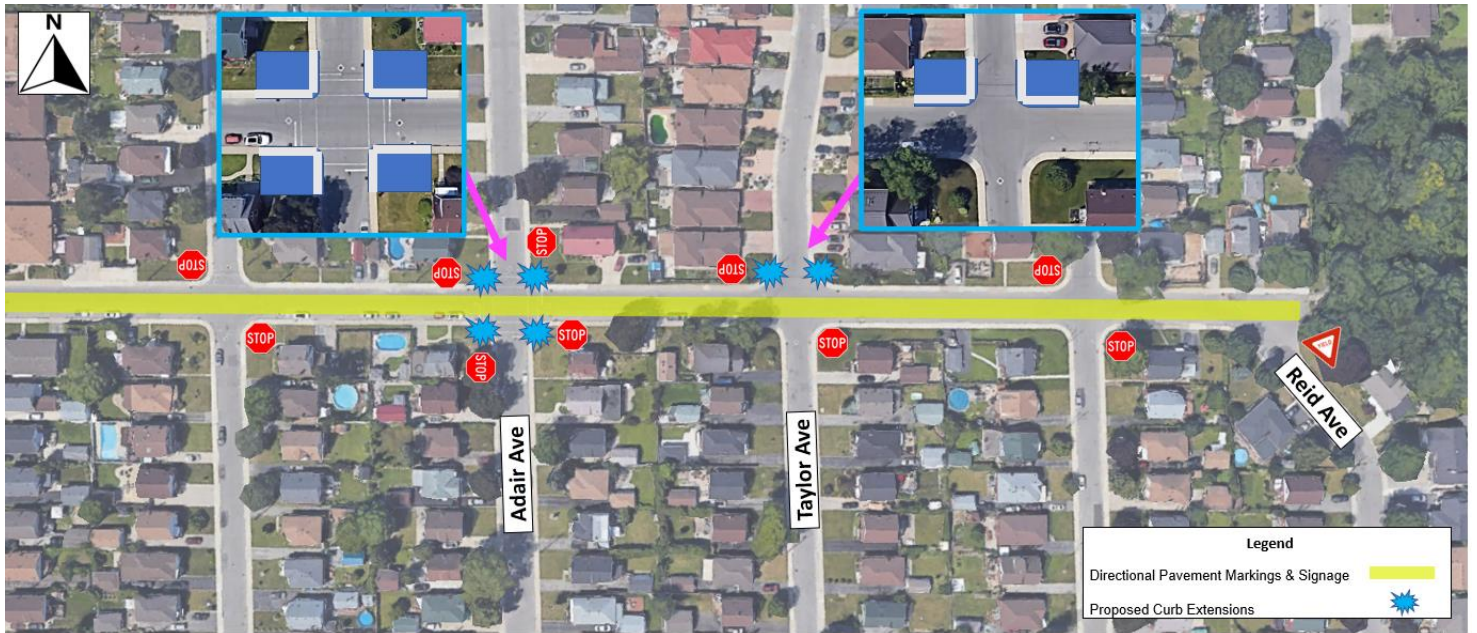


Central Ave – Rosewood Rd to Parkdale Ave:



Detailed Maps

Central Ave – Parkdale Ave to Red Hill Valley Trail:



Graham Ave – Lawrence Rd to Monterey Ave:

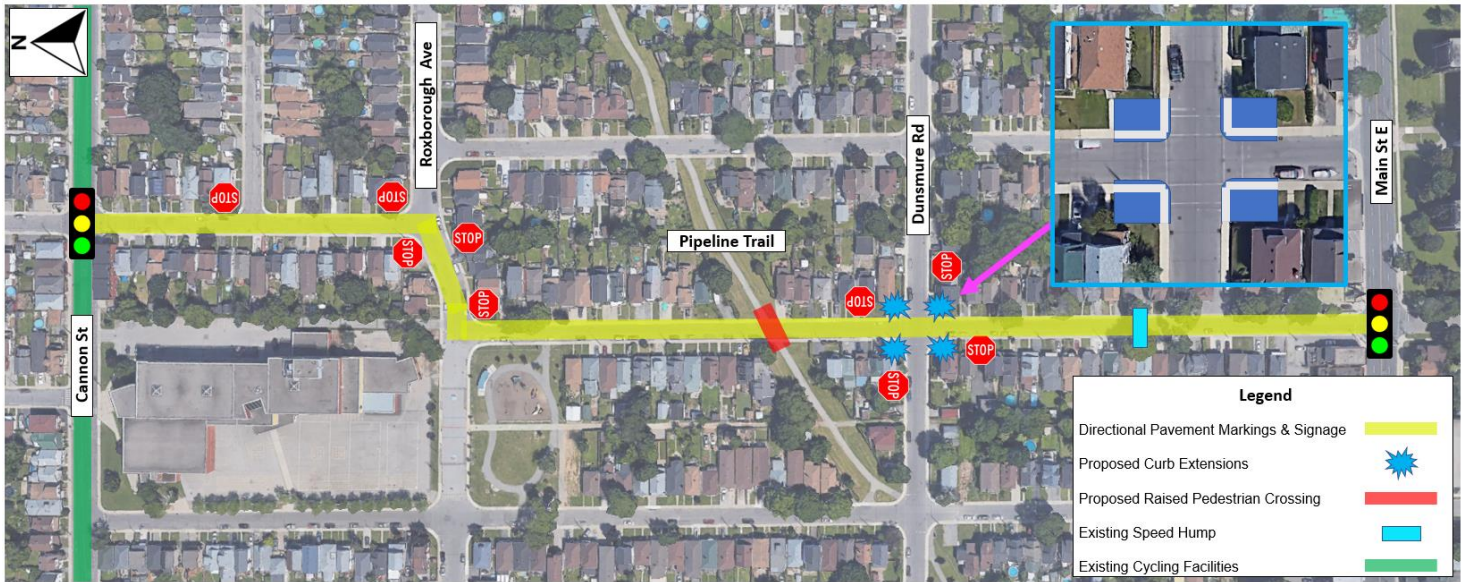


Detailed Maps

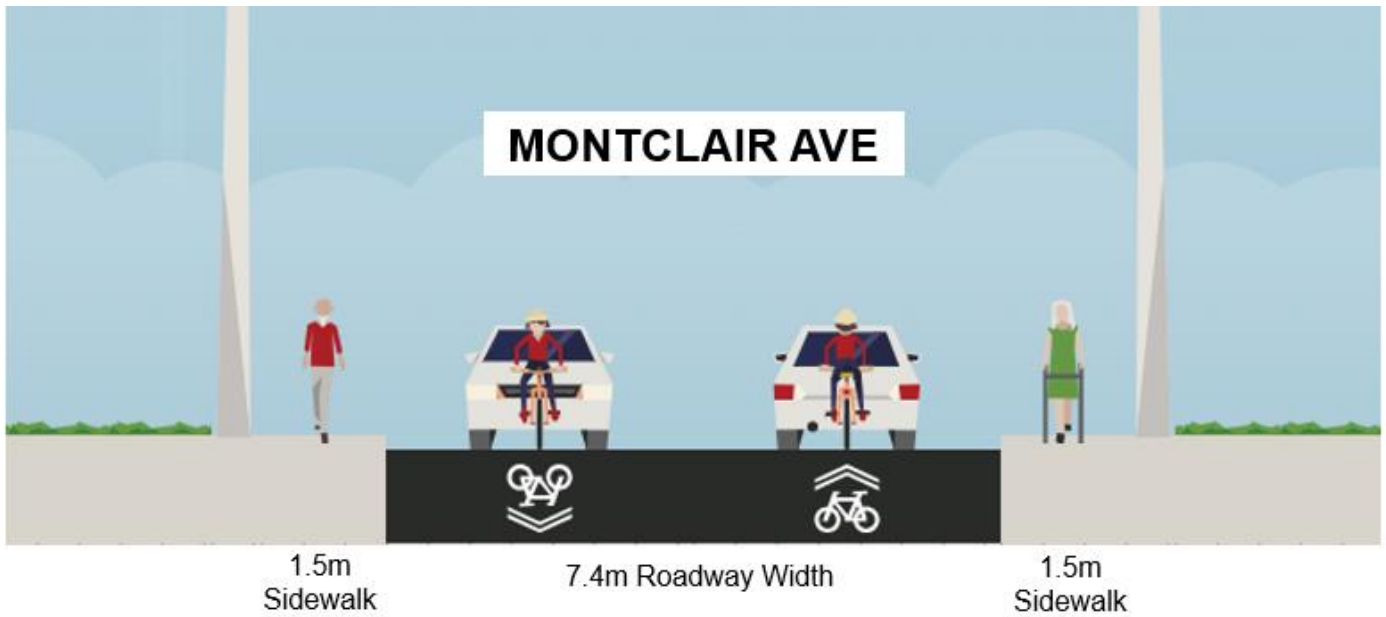
Graham Ave – Central Ave to Main St E:



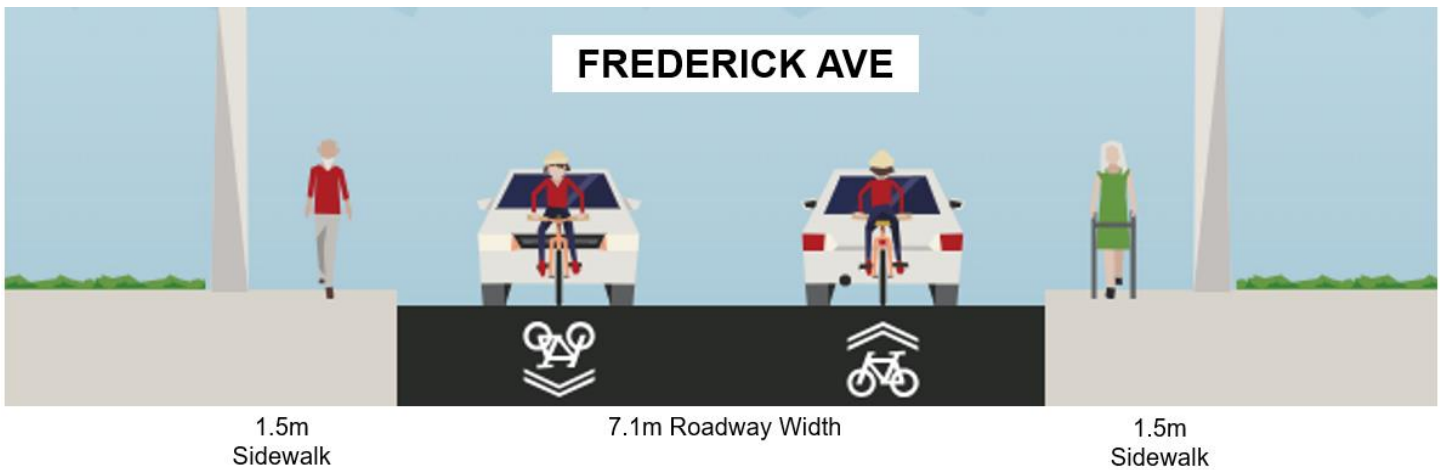
Graham Ave/Frederick Ave – Main St E to Cannon St:



Cross Section Details



Cross Section Details



Contacts & Resources

Mobility Contacts: Danny Pimentel
Evan Nopper

TOM Contacts: Bakir Fayad