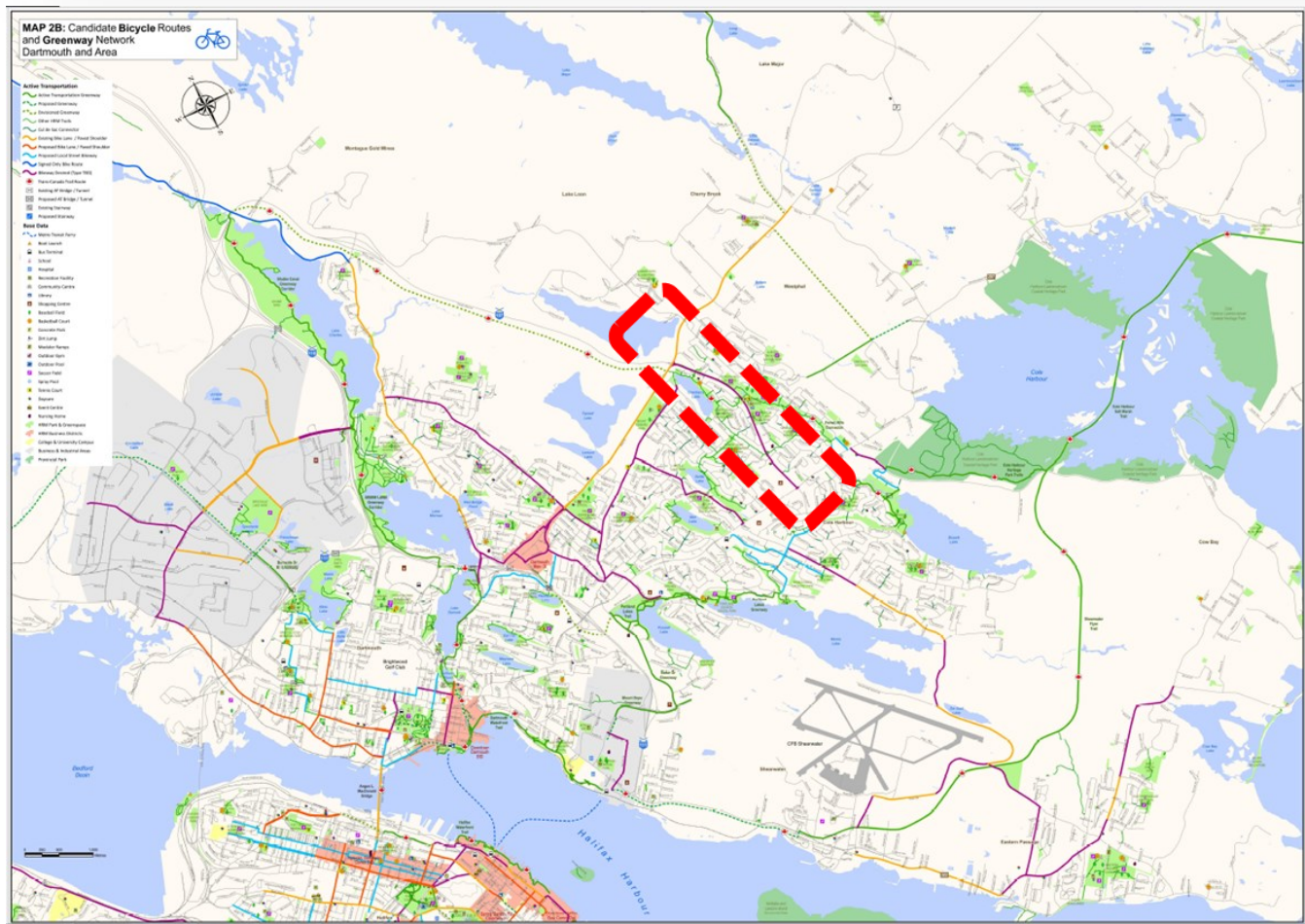


FOREST HILLS PARKWAY

Active Transportation Planning

PROJECT OVERVIEW

Halifax Regional Municipality (HRM) are currently planning for the addition of a new active transportation (AT) facility on Forest Hills Parkway in Cole Harbour. The project, strategically timed to coincide with planned street resurfacing on Forest Hills Parkway that is scheduled to be completed in 2018, provides a good opportunity to make a key north-south AT connection that has the potential to improve AT connectivity between a significant residential population and many important destinations including schools, recreational facilities, and commercial developments.



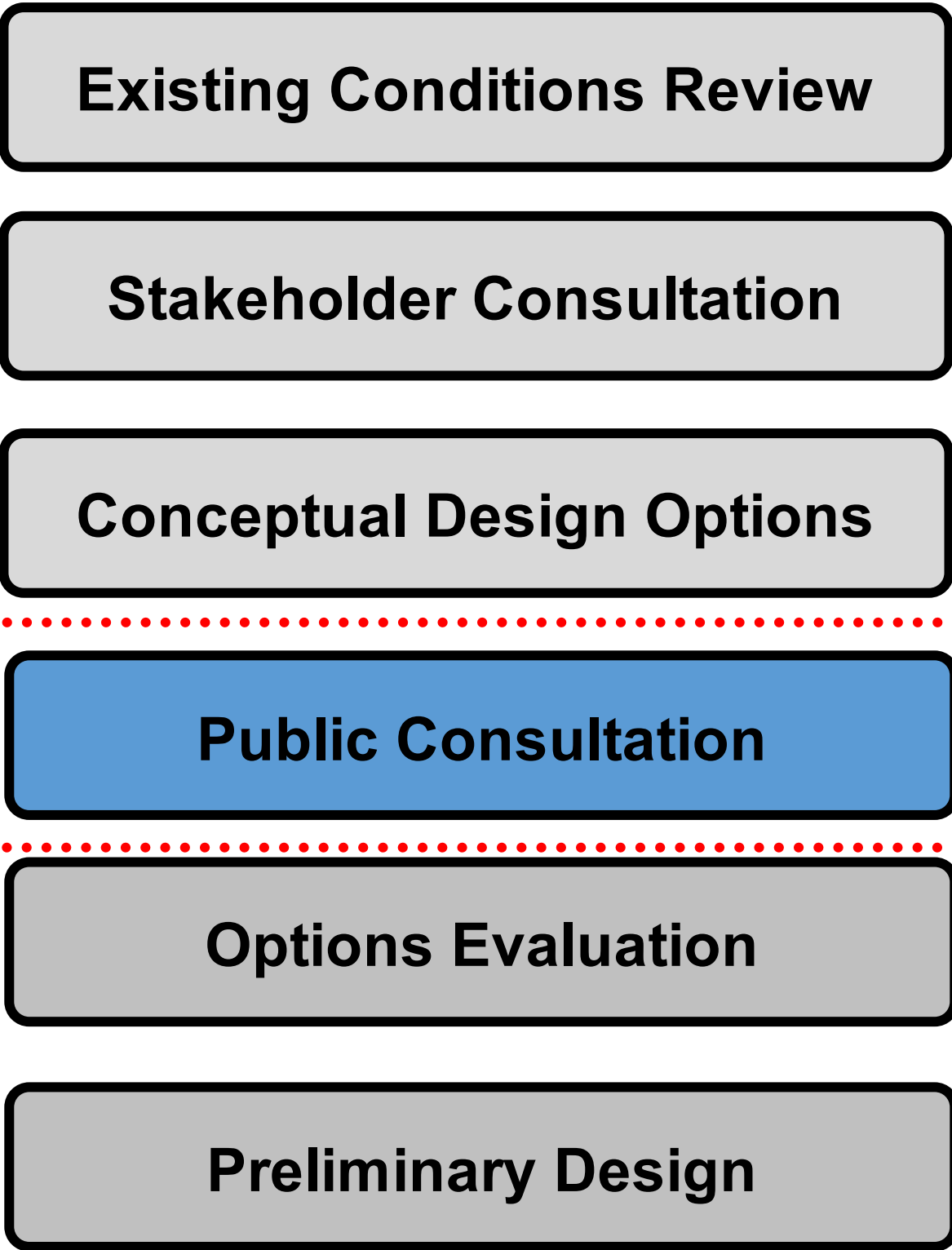
PLANNING CONTEXT

HRM's 2014-19 Active Transportation Priorities Plan has incorporated Forest Hills Parkway as a key component of the regional AT network. Though the Plan expresses a desire to upgrade AT infrastructure on the street – including addition of a designated bicycle facility – it does not specifically identify the facility type.

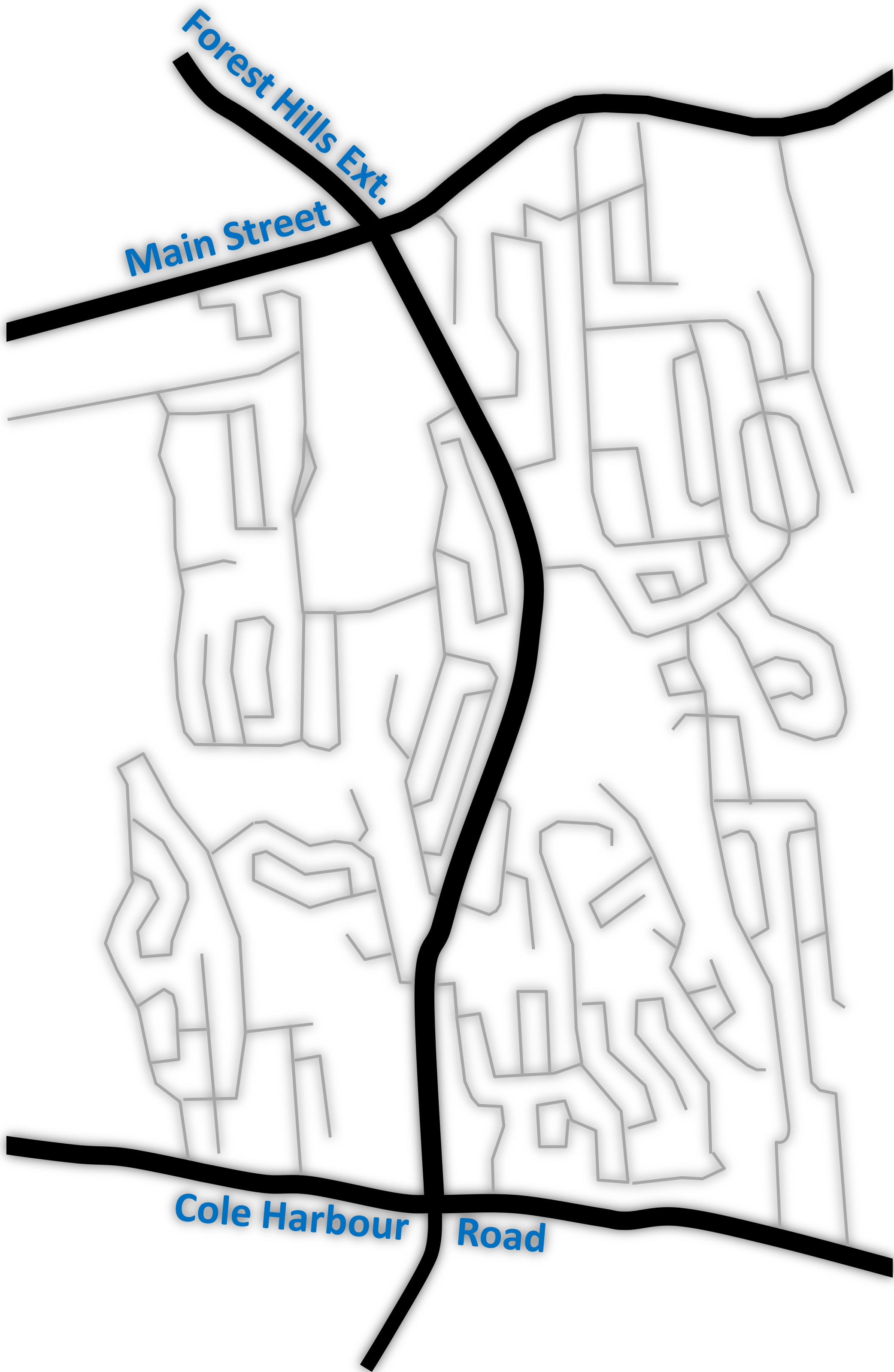
PROJECT OBJECTIVES

WSP Canada Inc. has been retained by HRM to complete a study that includes the following elements:

- Analysis of the Study Area and existing AT facility conditions
- Develop conceptual designs for up to three options for AT facilities along Forest Hills Parkway
- Review of the impacts associated with conceptual design options on existing street functions (i.e. traffic operation)
- Evaluation of conceptual design options and identification of a preferred alternative
- Complete 50% detailed design drawings and cost estimates for the preferred option.



STUDY AREA



FOREST HILLS PARKWAY

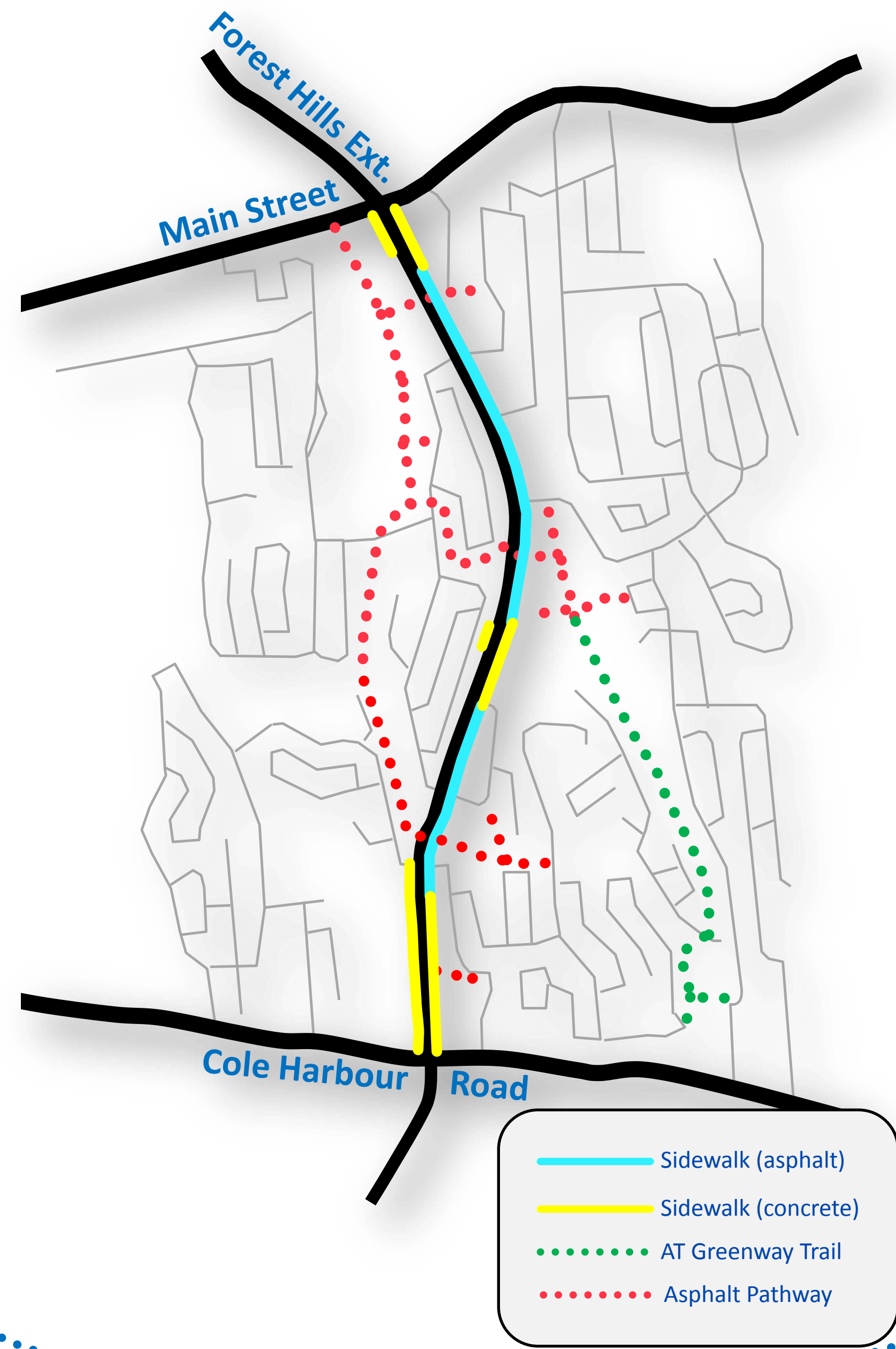
Active Transportation Planning

EXISTING CONDITIONS

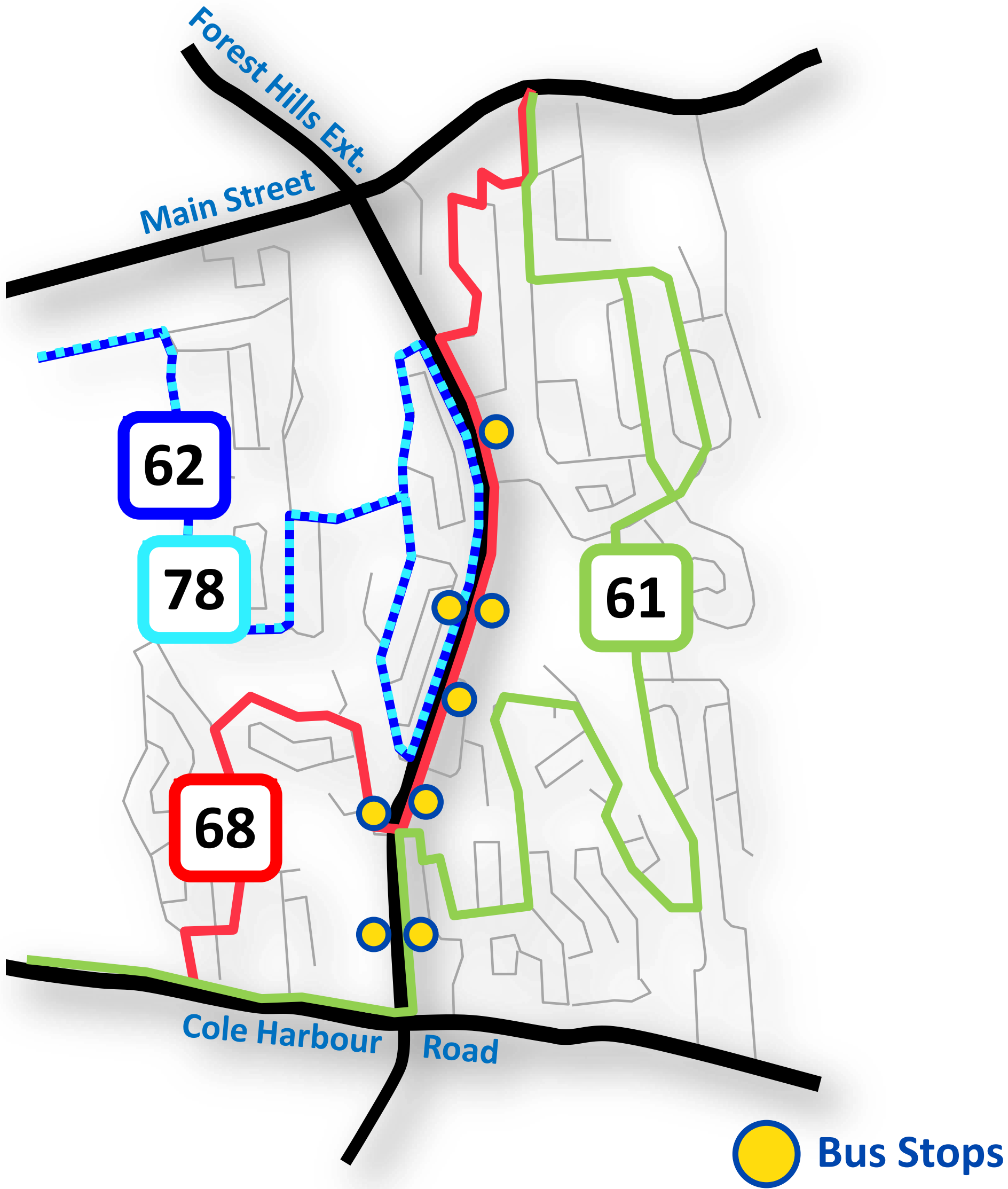
Traffic



AT Facilities



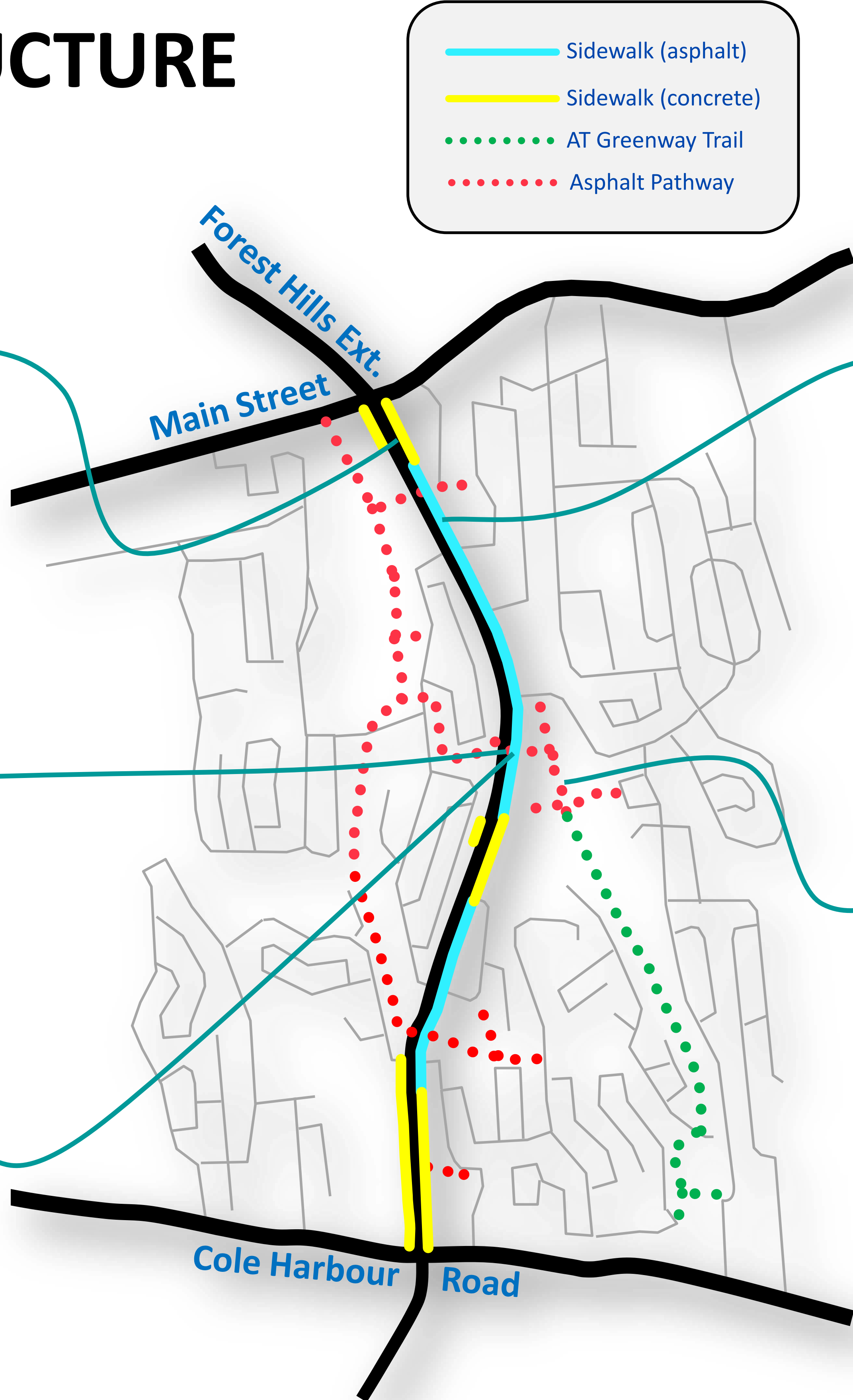
Transit



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EXISTING AT INFRASTRUCTURE



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ACTIVE TRANSPORTATION FACILITY TYPES

Sidewalk



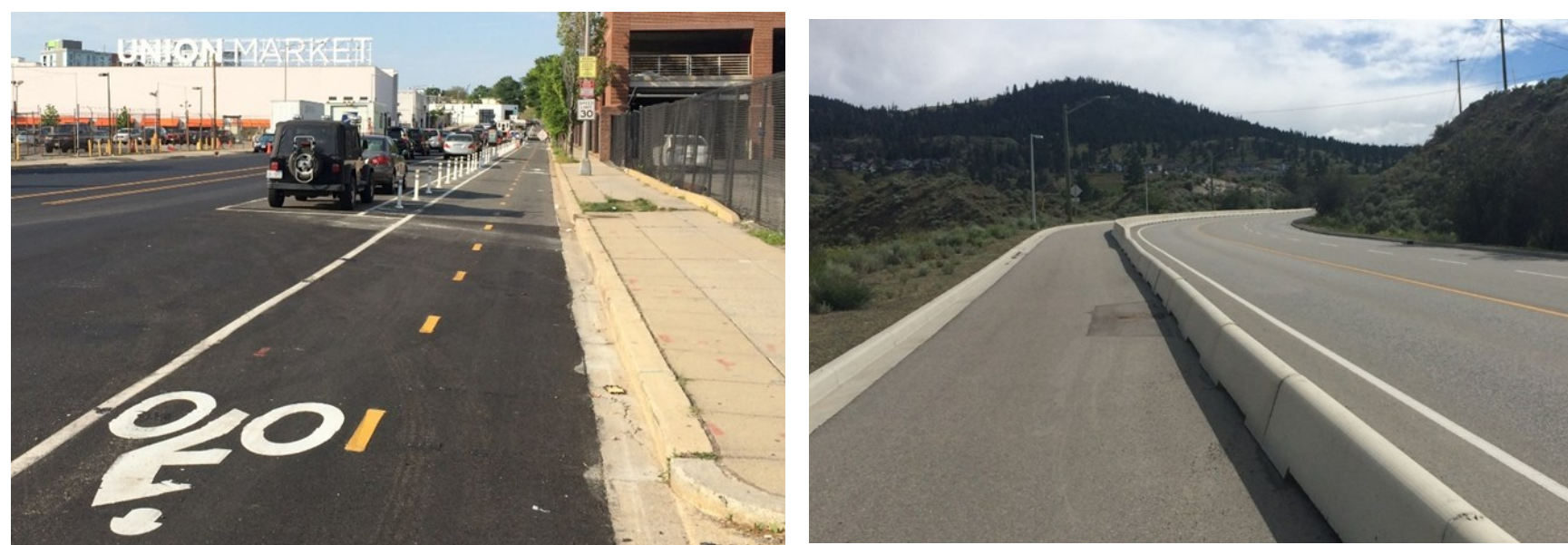
- Minimum 1.8m wide
- 1.5m boulevard strip preferable
- Concrete / asphalt

Unidirectional Bike Lane



- Minimum 1.5 — 1.8m wide
- 1.0m separation from traffic
- Physical separation elements optional

2-way Protected Bike Lane



- Minimum 2.5 — 3.0 m wide
- 2-way bicycle traffic
- Physical separation elements required

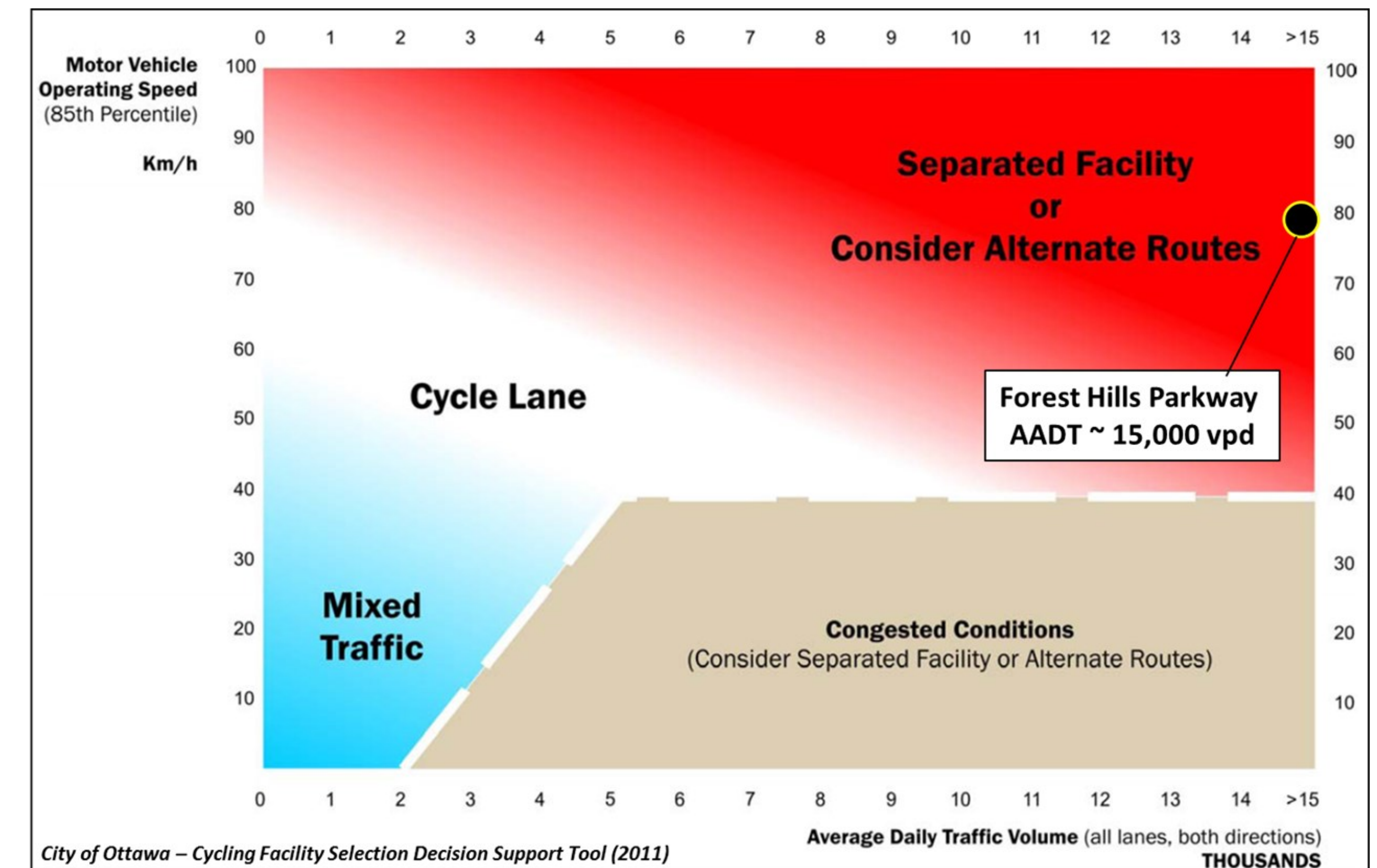
Greenway / Trail



- Minimum 3 - 4m wide
- 2-way multi-use traffic
- Asphalt surface preferable

What type of bicycle facilities may be appropriate on Forest Hills Parkway?

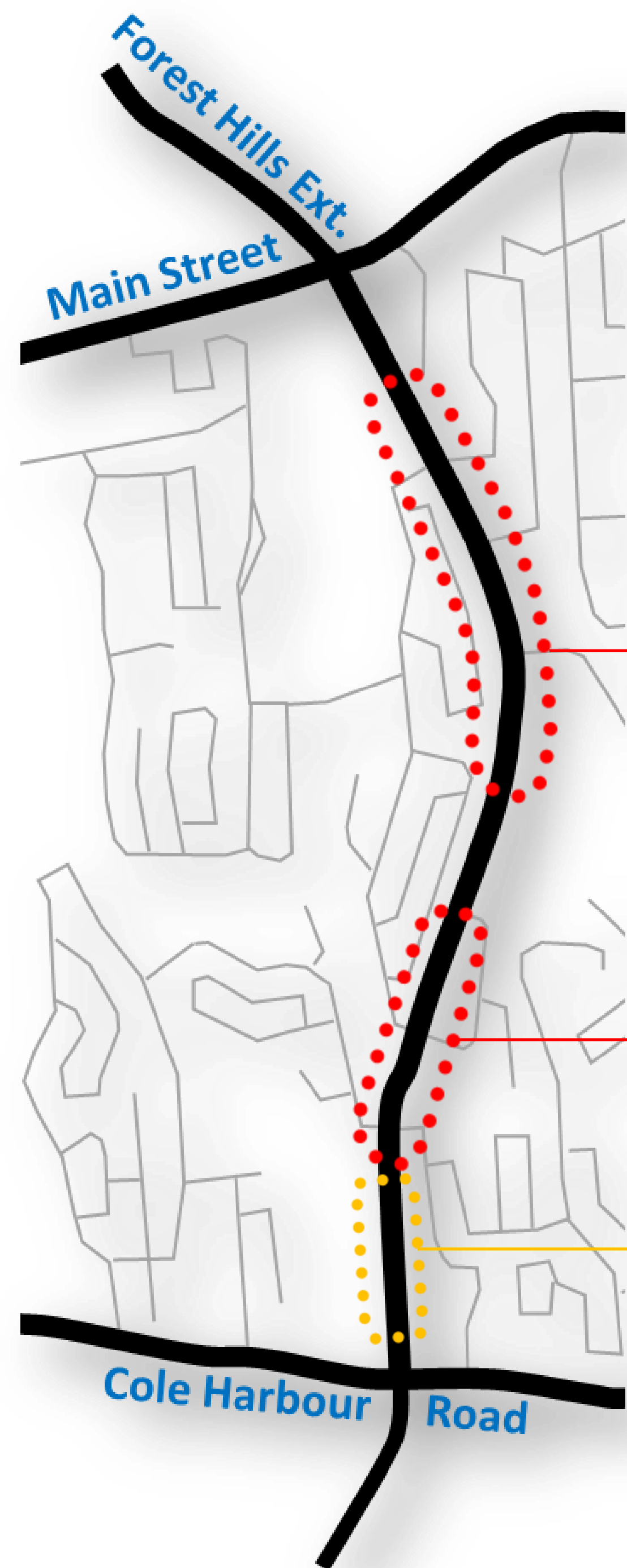
- Posted speed limit = 70km/h
- Daily traffic = approx. 15,000 vehicles per day



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PRELIMINARY OPTIONS



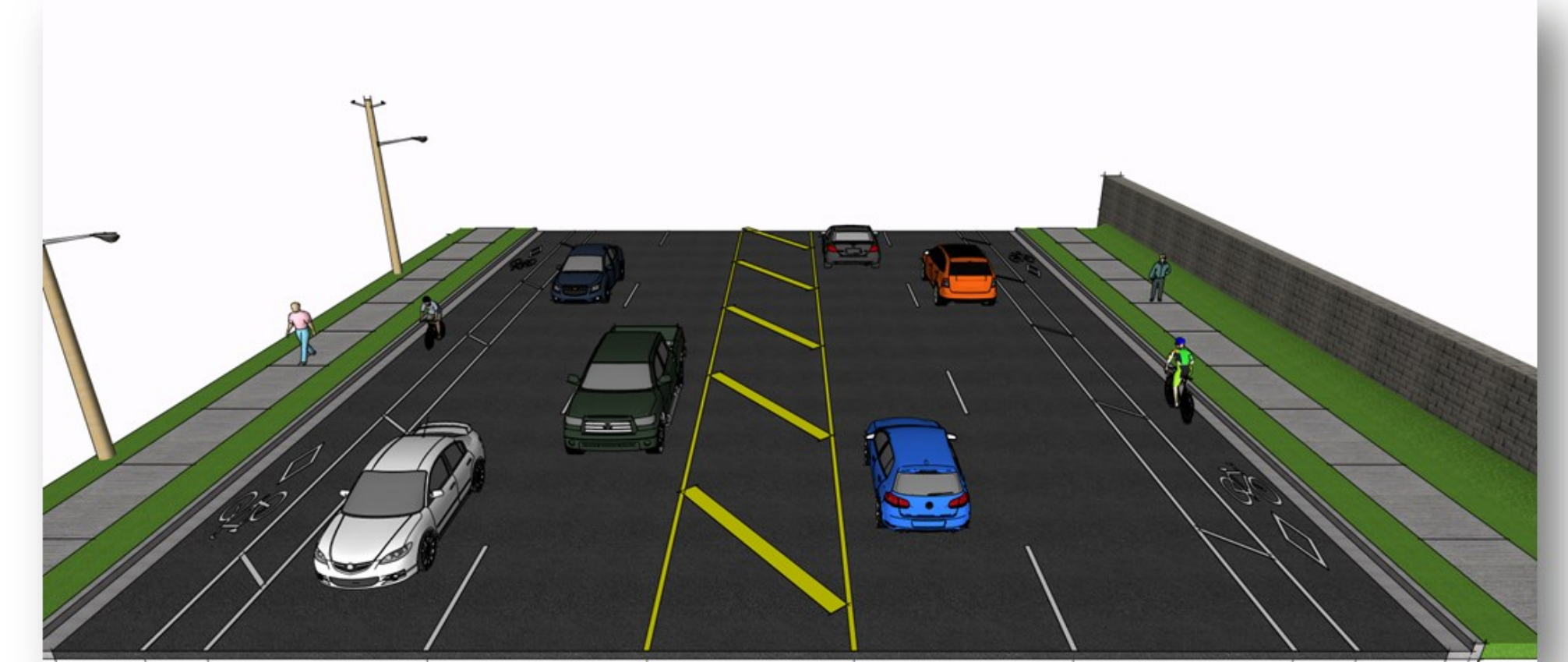
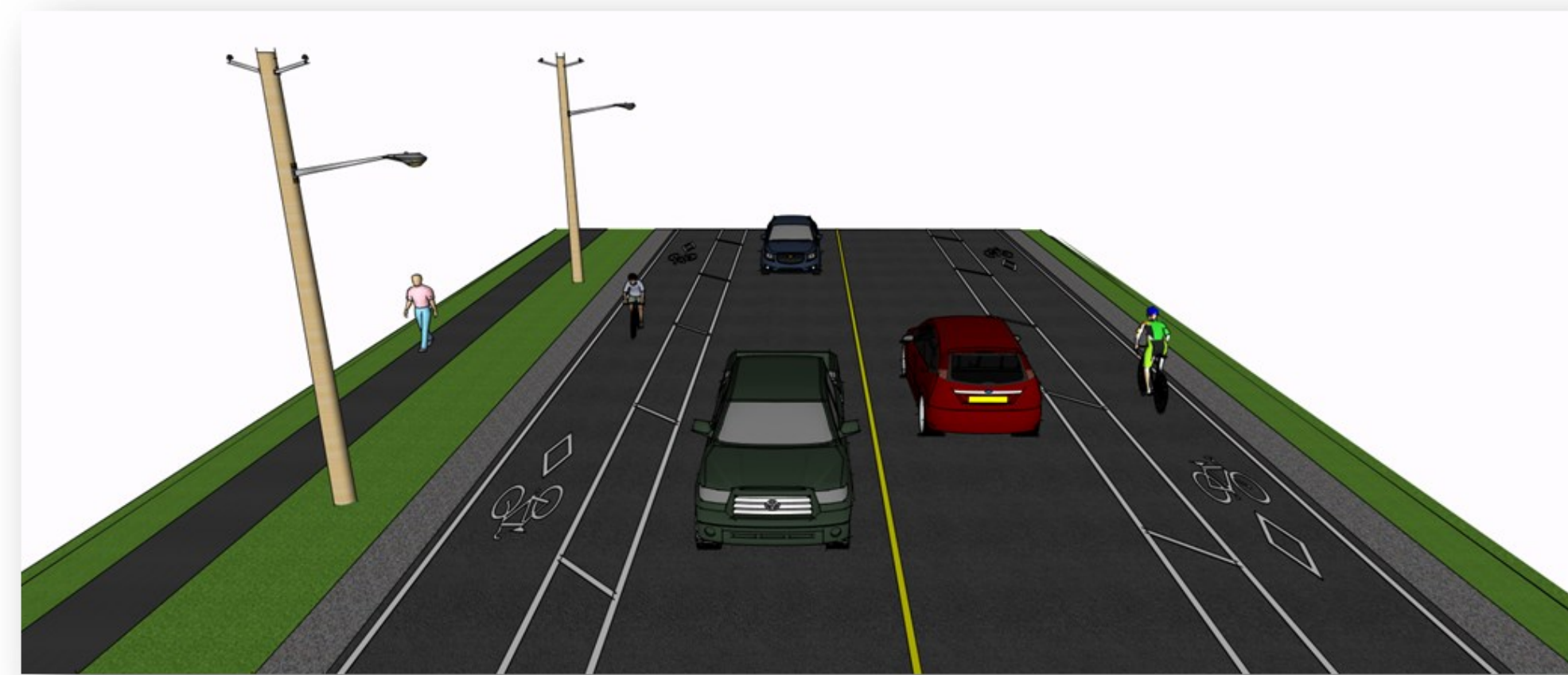
Typical Uncurbed Sections



Typical Curbed Sections



Option 1: Bike Lanes / Upgraded Sidewalk(s)



Option 2: AT Greenway (East or west side)

