

MACDONALD BRIDGE BIKEWAY CONNECTORS PROJECT

OVERVIEW OF THE PROJECT

This project aims to make it safer and easier to bicycle and walk in Dartmouth. The project is proposing a connection between the Macdonald Bridge and downtown Dartmouth via a Local Street Bikeway on Lyle Street and Shore Road.

The project is part of the implementation of the Integrated Mobility Plan which aims to make it easier for residents to choose transportation options such as transit, walking and bicycling. Under this plan, Regional Council has directed staff to build a bicycle network that is comfortable for people of all ages and abilities ('AAA' bicycle network).



What is 'AAA'?

Bicycling should be comfortable and enjoyable for people of all ages and abilities - from children to seniors to new bicyclists. 'AAA' facilities are considered critical to increasing the number of people who choose to ride a bicycle because most people feel uncomfortable riding in mixed traffic and may only choose to ride if there is a network of low stress facilities available. HRM's Integrated Mobility Plan (IMP) seeks to encourage and enable year-round bicycling by implementing a connected 'AAA' network.

'AAA' bicycle networks include protected bike lanes on busier streets, local street bikeways on more quiet residential streets (as shown), as well as improvements to intersections.

PROJECT STUDY AREA: PHASE 1

For Phase 1, the Dartmouth side of the Macdonald Bridge, new bicycle facilities are being implemented on Wyse Road (protected bike lanes), Lyle Street and Shore Road (Local Street Bikeway) and a new ramp to/from the existing bridge bikeway at the intersection of Lyle and Dickson Streets.

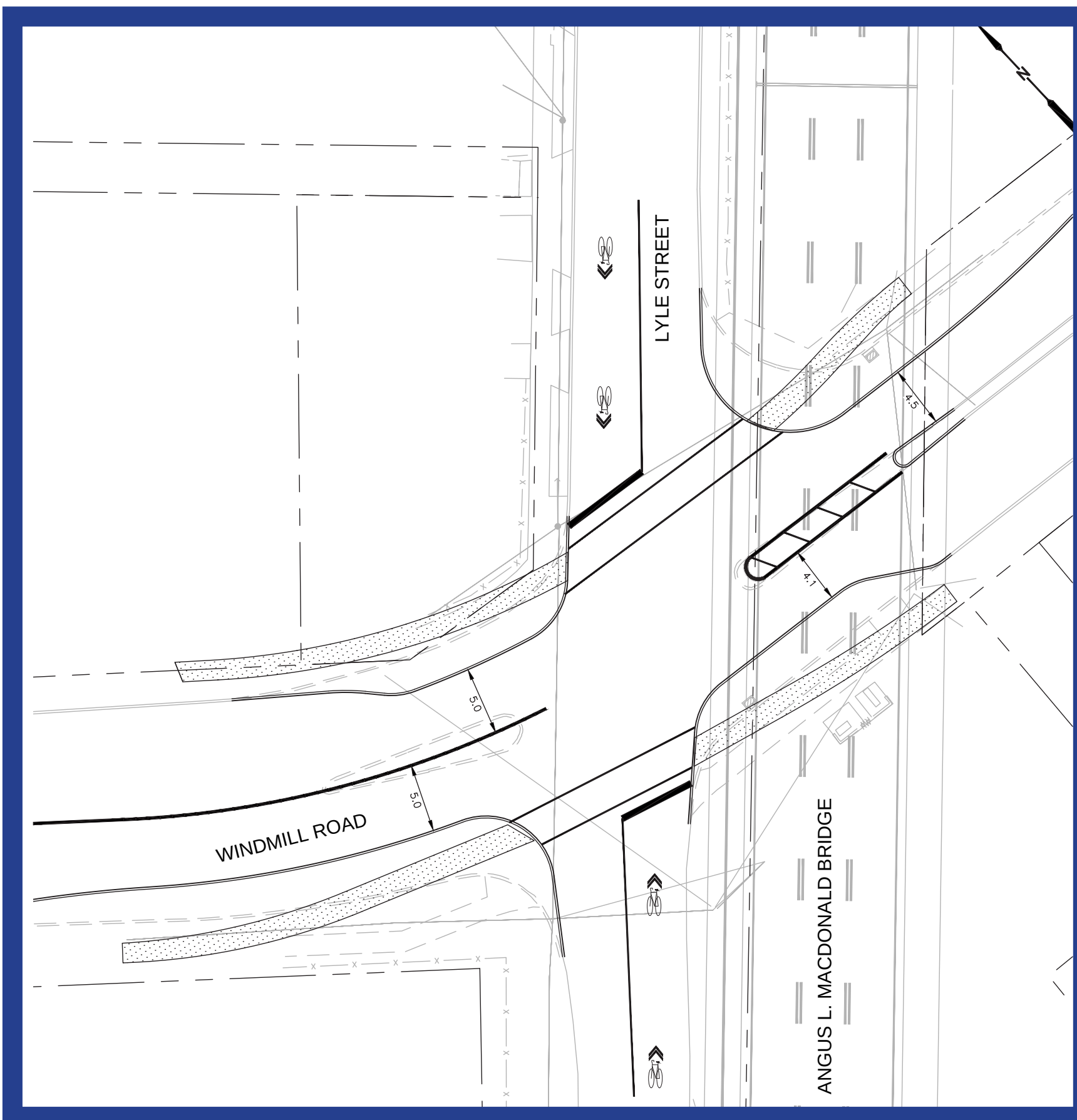


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CURRENT STUDY AREA: LYLE STREET AND SHORE ROAD



Windmill Road / Lyle Street Intersection

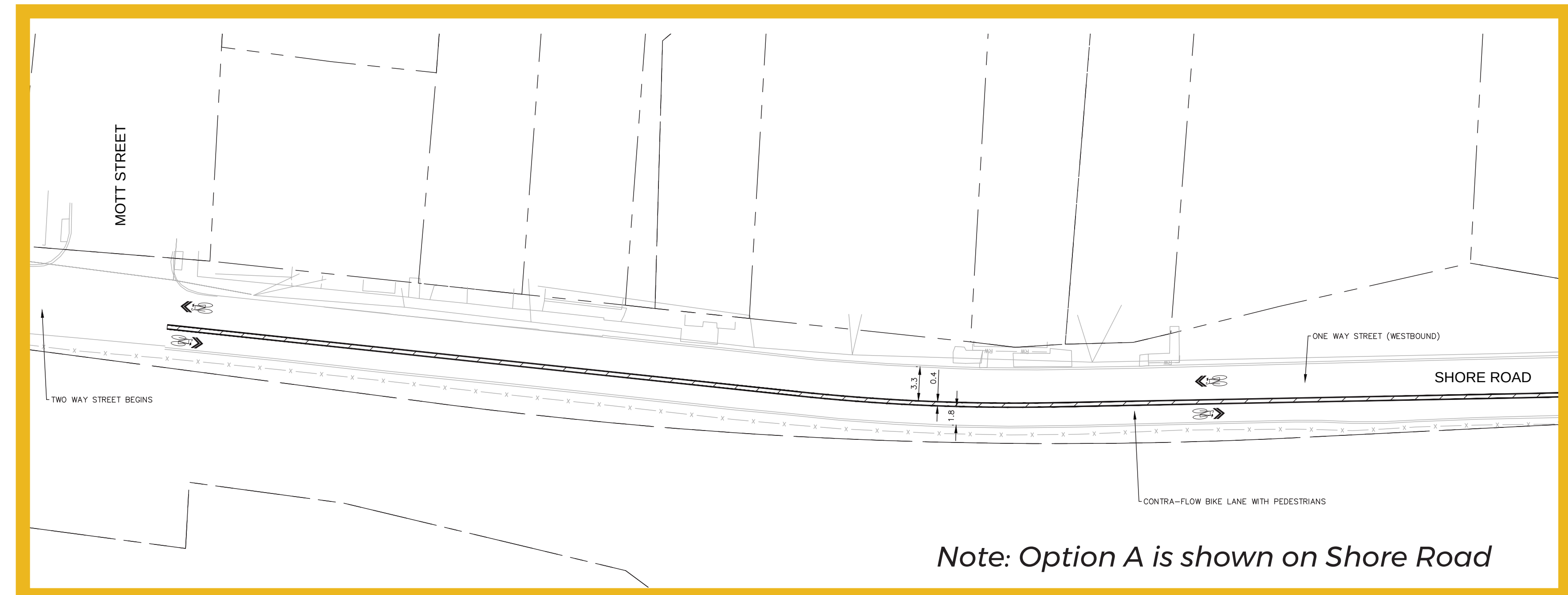


Modifications proposed to the Windmill Road / Lyle Street Intersection include realignment of Windmill Road for improved visibility for both people on bikes and people in cars. People on bikes will wait for a gap in traffic to cross Windmill Road to the local street bikeway facilities.

People on bikes traveling north can access the proposed 'AAA' bike facilities which will connect to the existing Macdonald Bridge Bikeway.

People on bikes traveling south will continue on a local street bikeway facility on Shore Road towards Alderney Landing and Downtown Dartmouth.

Shore Road



Modifications proposed to the one-way section of Shore Road (Mott Street to Geary Street) include:

- Removing existing on-street parking
- Maintaining one-way traffic
- Northbound people on bikes and in cars sharing the lane ('Sharrows')
- Southbound people on bikes and on foot sharing an active transportation path (Contra-flow AT Path)

OPTION A



OPTION B



Southbound Contraflow Path: a path divided by painted dividers (Option A) or concrete curb (Option B) where people on bikes and people on foot are moving in the same direction.

Northbound Lane: lane where one-way vehicular traffic shares the lane with people riding northbound on bikes.