

Project Details

Project Boundary:	Southcote Rd to Stone Church Rd	Funding Source:	On-street Cycling 2021
Phase:	Design (2021 Install)	Project Length:	2.5 km
		Ward	12

Key Map



Description

Add buffered bicycle lanes on Stonehenge Dr by removing all sparsely used on-street parking. Include flexposts with the buffered bicycle lanes at major intersections. Two short segments of well used on-street parking are to be preserved. Enhance the Stone Church Rd intersection with an eastbound bike box.

Precedent Images and Visualizations



Fall Fair Way, Binbrook
Bicycle lanes approaching a roundabout

Potential Impacts

HSR Route/Area

No current routes

Impacts

HSR have plans to add service on Stonehenge (west of Raymond) in 2-3 years

Parking Review

Removal of all permitted on-street parking except at two locations:

- 1) Meadowlands to Raymond - observed peak parking is approx. 8 vehicles mostly on the south side; 10+ stalls preserved.
- 2) East of Cloverleaf - observed peak parking is approx. 4 vehicles mostly on the north side; 9 stalls preserved.

On-street parking observed on all other segments combined totals 10 vehicles during peak usage.

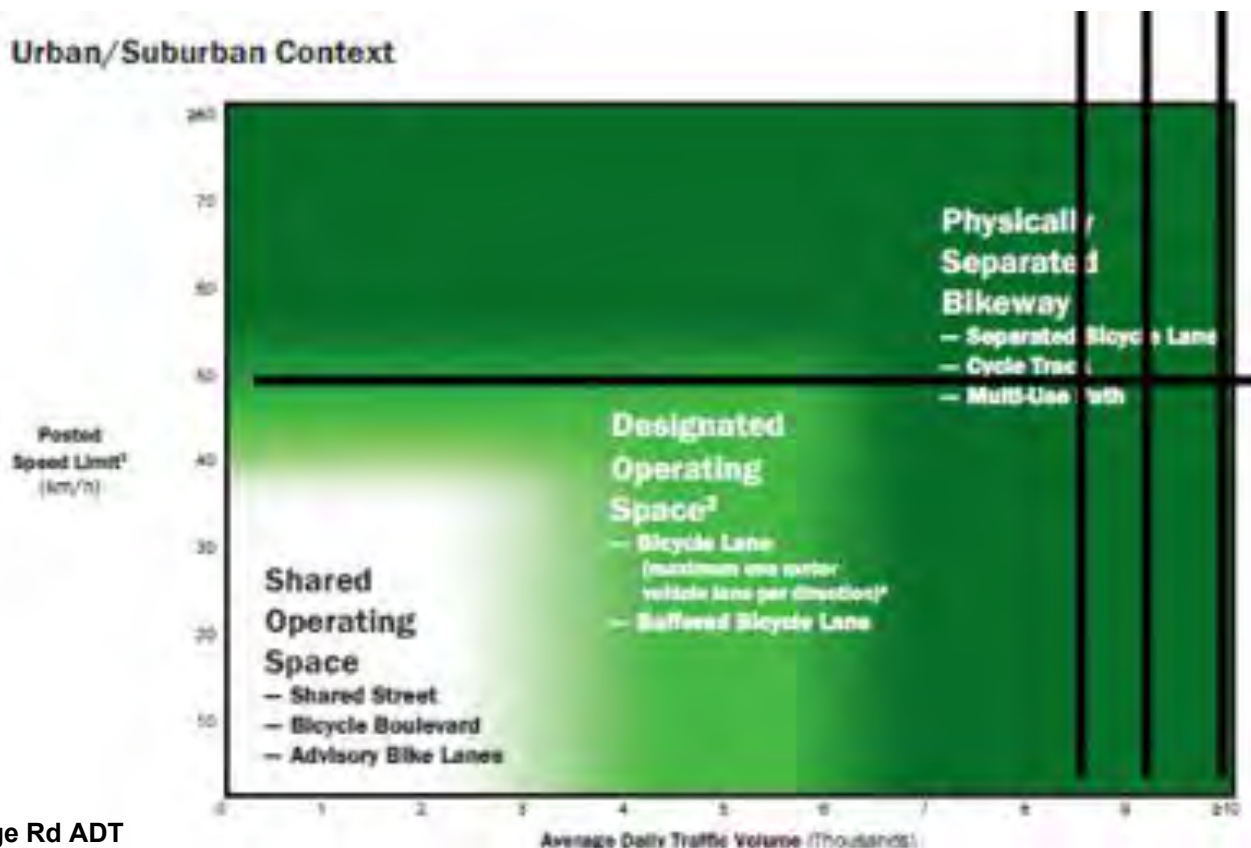
Rationale

These bicycle lanes will allow east-west connection across the Meadowlands neighbourhood, providing safer cycling mobility to schools, recreation, businesses and planned cycling facilities on Southcote, Kitty Murray, Golf Links, Garner and existing on Stone Church Rd.

According to the cycling facilities nomograph (OTM Book 18) and the complete streets audit tool, this collector street should have a designated cycling operating space, which will be marked with painted buffers and flexposts at major intersections.

Cycling Facilities Nomograph Alignment (OTM Book 18)

Urban/Suburban Context



Stonehenge Rd ADT

East of Kitty Murray: 8,650	(2018)
West of Raymond: 9,175	(2018)
East of Raymond: 13,700	(2018)
West of Stone Church: 10,900	(2018)

Strategic Alignment

Capital Plan

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

Transportation Master Plan

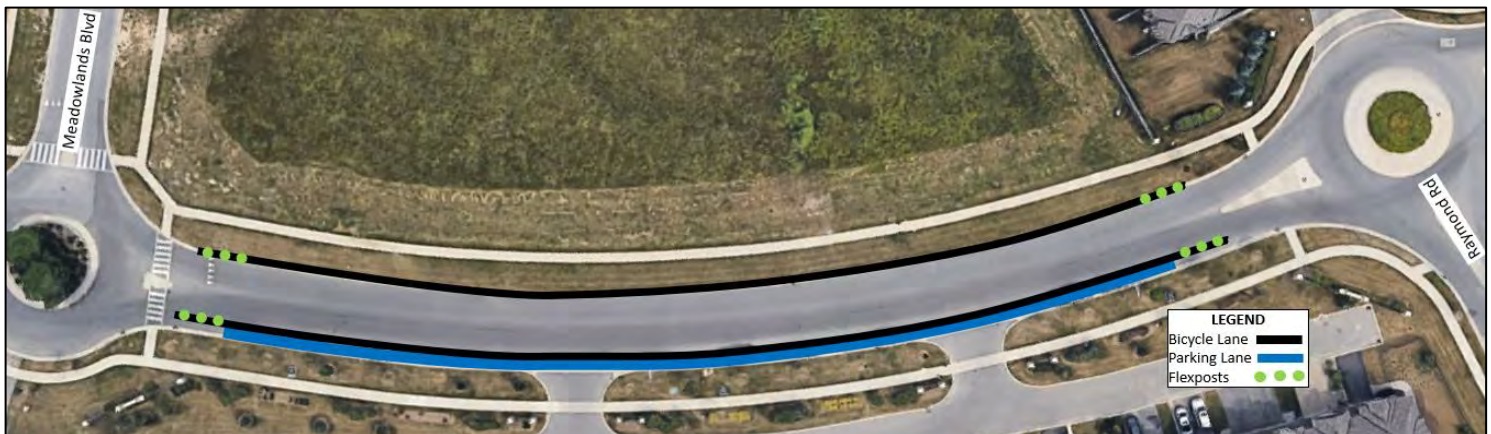
Action 15 - As part of the implementation of the cycling network, undertake an evaluation of alternatives in order to select routes which maximize safety for cyclists and promote continuity of the network across the City.

Sustainable Mobility KPI's and Cycling Master Plan

Increase kilometers of cycling infrastructure

Facilitate Pandemic Response through active transportation

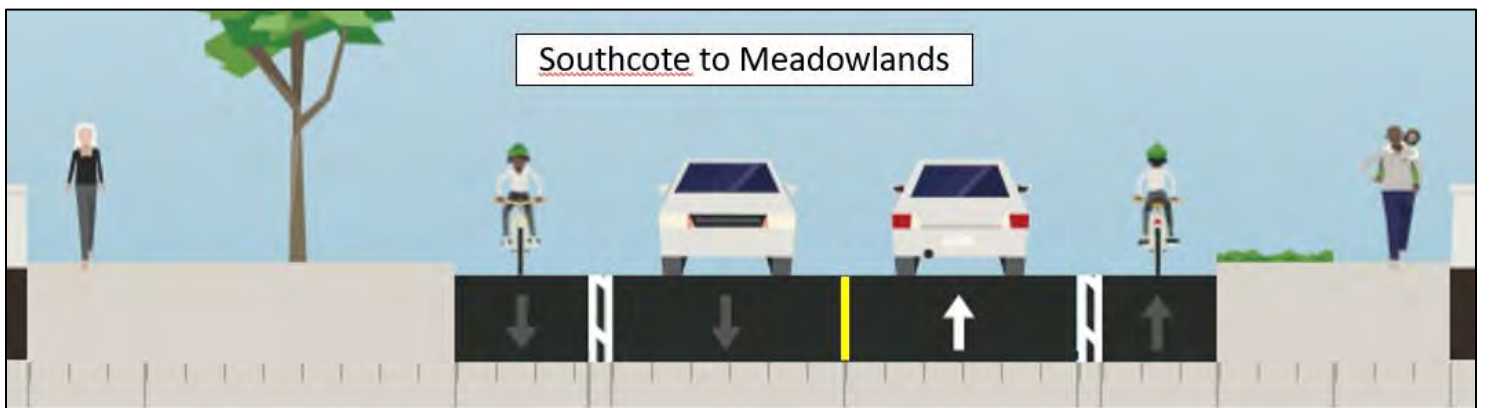
Detailed Maps



Detailed Maps

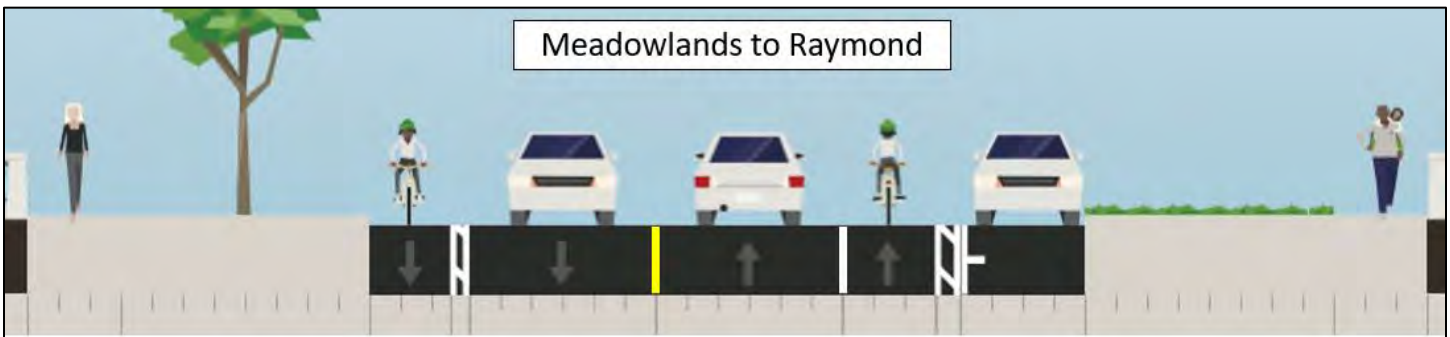


Cross Section Details

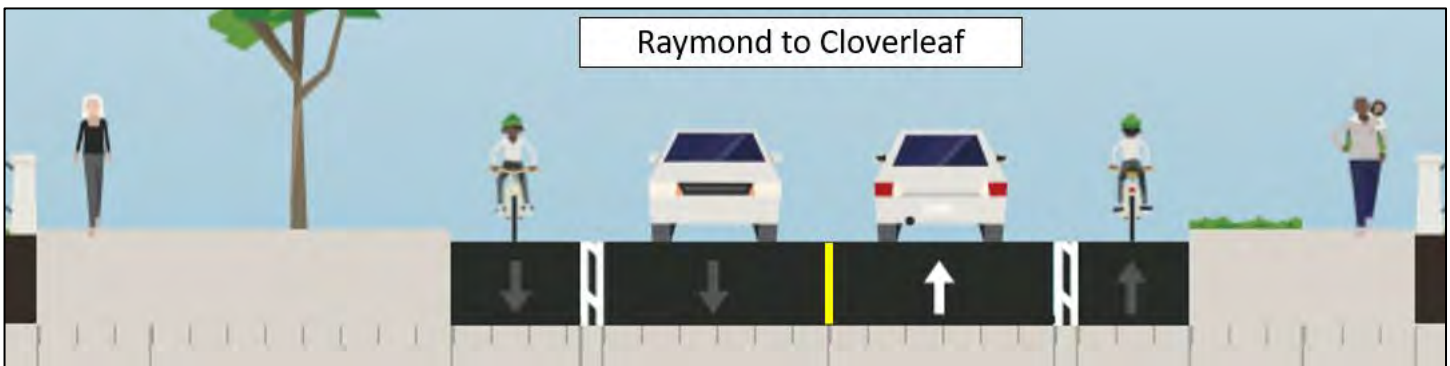


Add buffered bicycle lanes

Cross Section Details



Add buffered bicycle lanes, with on-street parking



Add buffered bicycle lanes

Project Contacts

Project Feasibility and Outreach

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Project Design and Implementation

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