

### Project Details

Project Boundary:	Charlton Ave (MacNab St to James St) MacNab Ave (Charlton St to Herkimer St)	Funding Source:	On-street Cycling 2022
Phase:	Design (2022 Install)	Project Length:	230 m
Project #/ CMP #:	22-010/ 52	Ward:	2

### Key Map



### Description

Charlton Ave (MacNab - James): extend the north side bicycle lane to James St and add a planter within buffer area; add barriers to existing contra flow bicycle lane on the south side  
 MacNab St (Charlton - Herkimer): add a northbound buffered bicycle lane on the east side

### Precedent Images and Visualizations



Maplewood Ave, Hamilton  
Buffered bike lanes

Hunter St, Hamilton  
Flexposts and precast curbs



## Potential Impacts

### HSR Route/Area

6 (Downtown)

### Impacts

Minimal impact anticipated to all HSR routes

## Parking Review

No impact to existing on-street parking regulations.

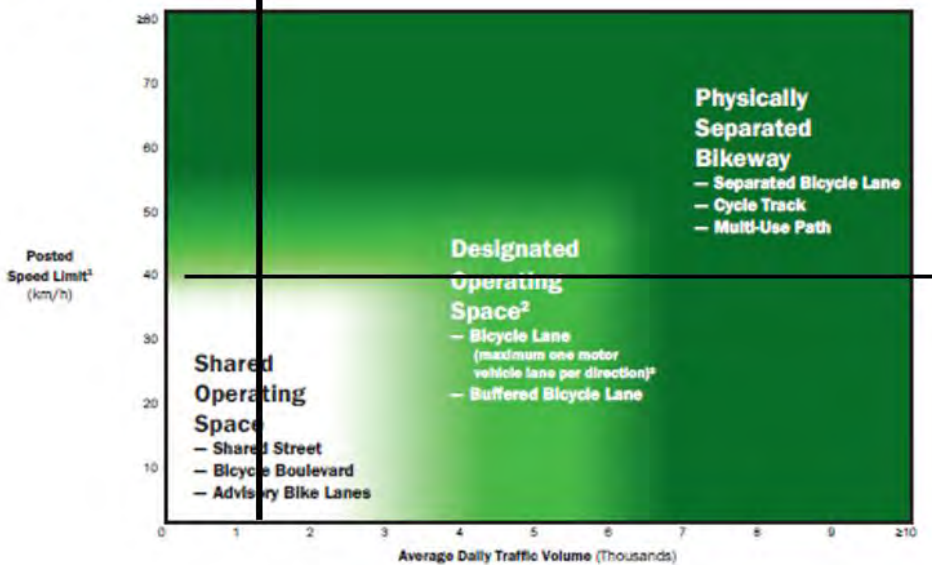
## Rationale

This segment completes the connection between Herkimer/Charlton bicycle lanes, as well as enhancing the riding experience with the enhancement of barriers and planters.

According to the cycling facilities nomograph (OTM Book 18), MacNab St should have a designated cycling operating space, which will be marked with a painted buffer.

## Cycling Facilities Nomograph Alignment (OTM Book 18)

### Urban/Suburban Context



MacNab (one way NB)  
1,250 (June 2001)

## Strategic Alignment

### Capital Plan

Charlton Ave, John St and/or MacNab St are not planned for any capital works within the next 5 years.

### Transportation Master Plan

Action 15 - As part of the implementation of the cycling network, undertake an evaluation of altern 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

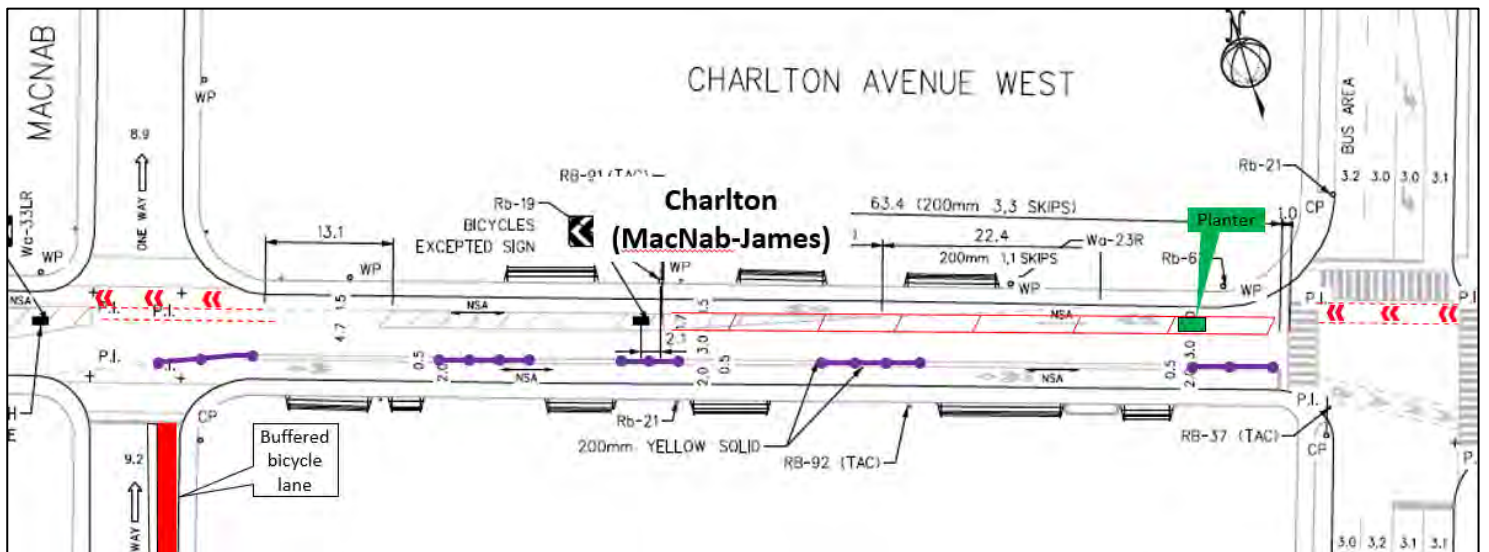
Increase kilometers of cycling infrastructure

Facilitate pandemic response through active transportation

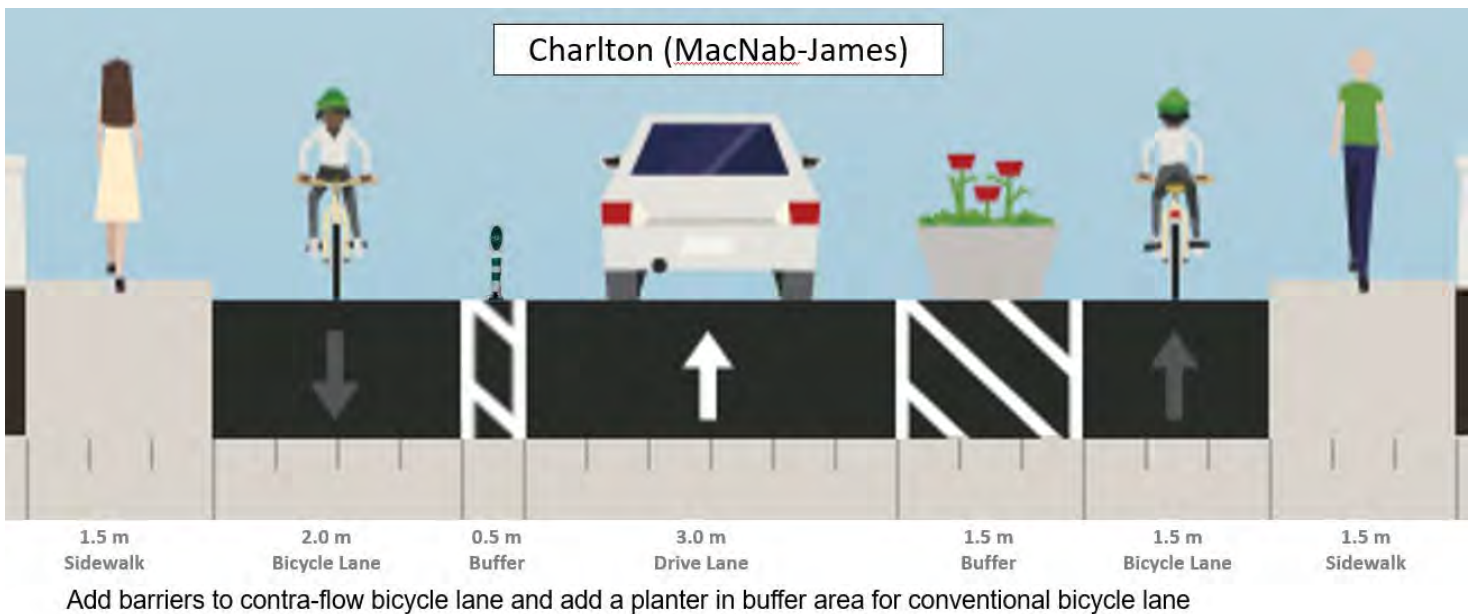
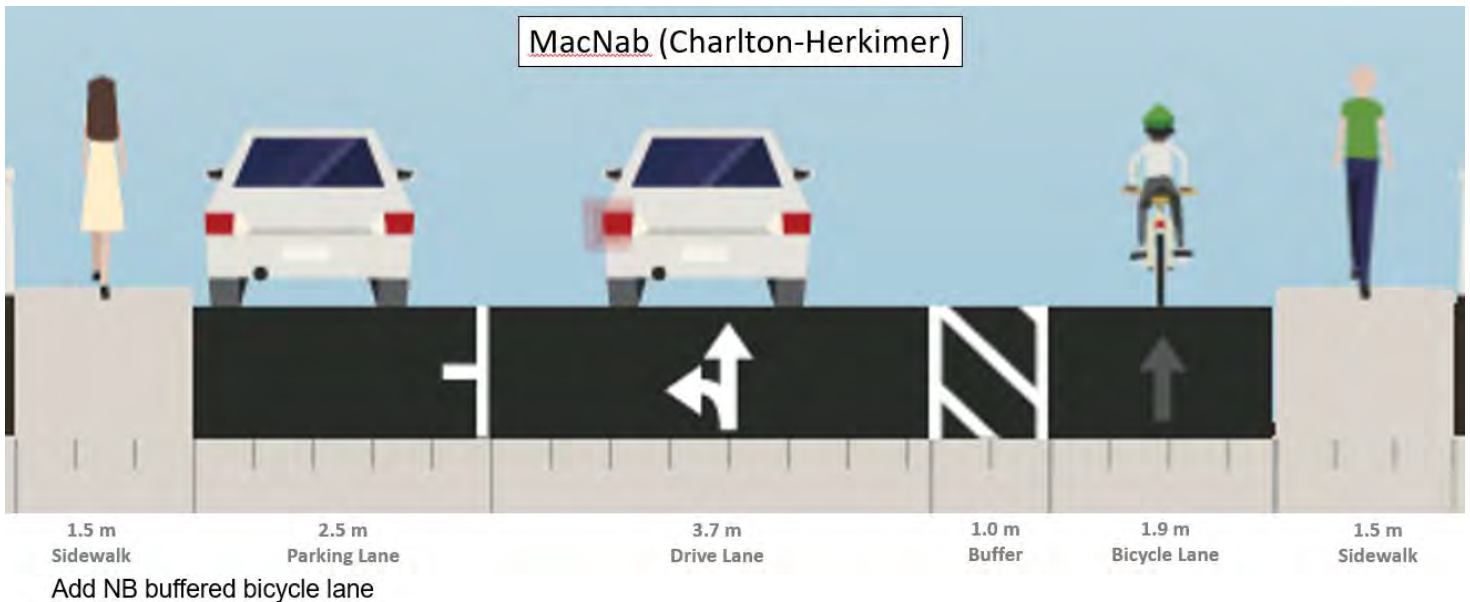
Detailed Maps



LEGEND	
Bicycle Lane	Buffer
Barrier	Bus Stop



### Cross Section Details



### Project Contacts

#### Project Feasibility and Outreach

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#### Project Design and Implementation

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