



Southwest Marine Drive (Granville St to Camosun St) Bikeway Improvements

December 10, 2015

Standing Committee on Planning,
Transportation and Environment

AGENDA

1. Background
2. Recommended Design
3. Public/stakeholder feedback

Project Corridor – SW Marine Drive





Existing Conditions



- Narrow lanes next to moving traffic

- Unregulated parked vehicles obstruct bike lane



- Shared lane

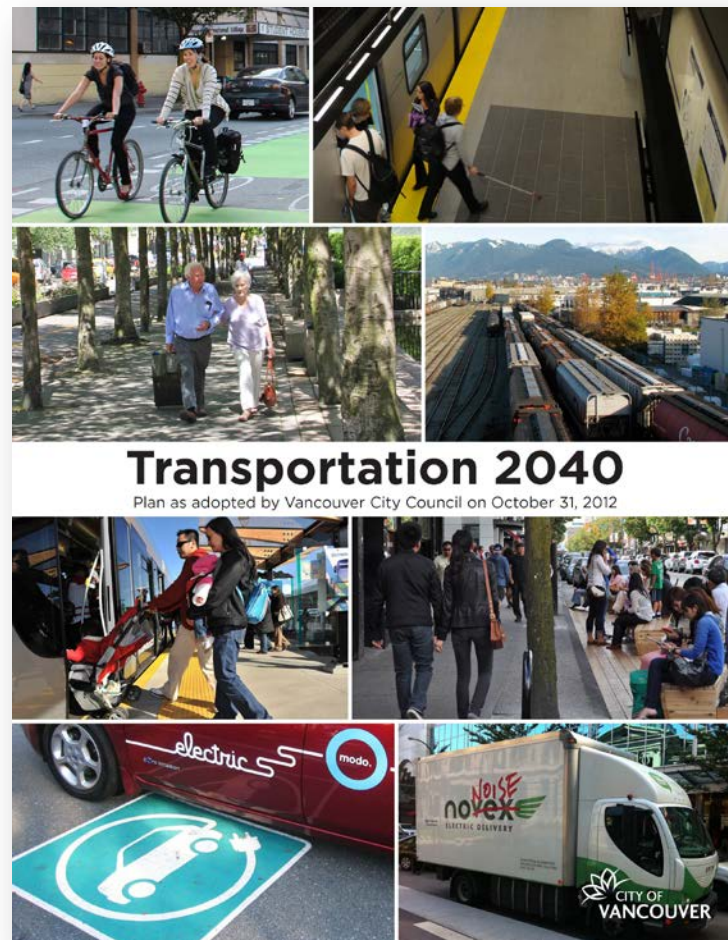


- Poor pavement treatment



- Unmarked shoulder

- **Policy C 1.2:** Upgrade and expand the cycling network to efficiently connect people to destinations
- **Policy C 1.2.6:** Consider cycling improvements as part of all street capital projects, installing/upgrading routes as opportunities arise through construction & rehabilitation
- **5-Year Near-Term Cycling Route Priority:** SW Marine Drive as a potential opportunity



Background - Street Rehabilitation

- SW Marine Dr – part of TransLink’s Major Road Network (MRN)
- Planned street repaving or rehabilitation for SW Marine Dr (5.5km)
- Coordinated works include:
 - Minor signal upgrades
 - Sewer separation and trunk line replacement
 - Water main replacement
- Starting Spring 2016

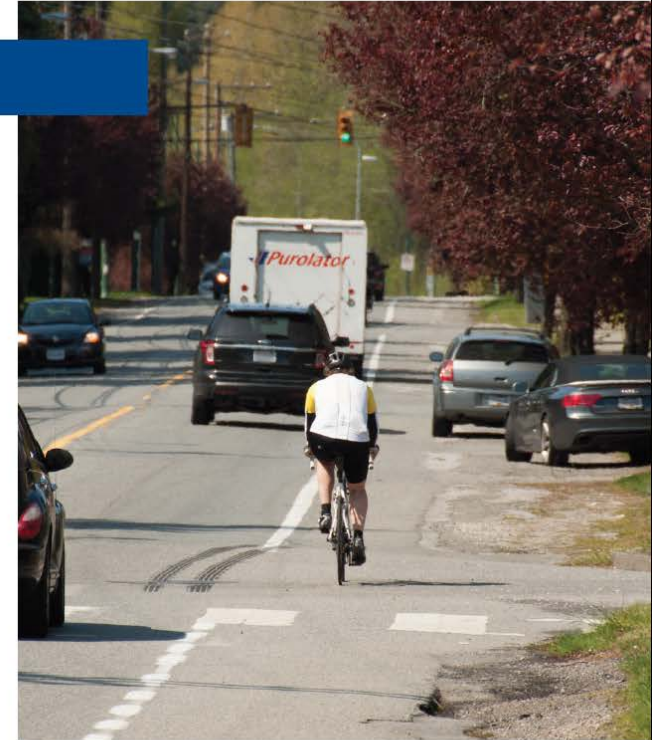
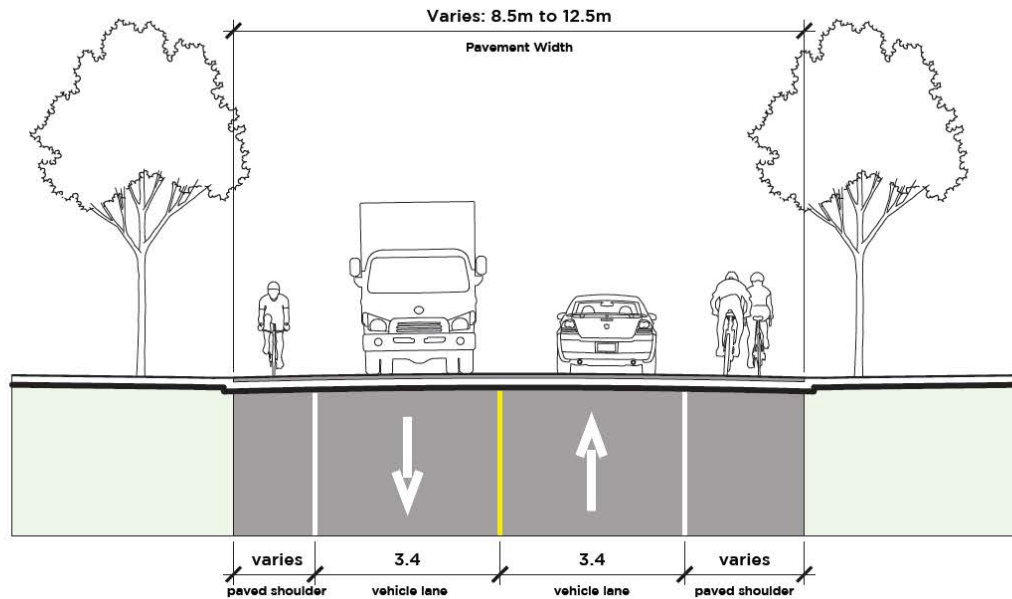


■ Major Road Network



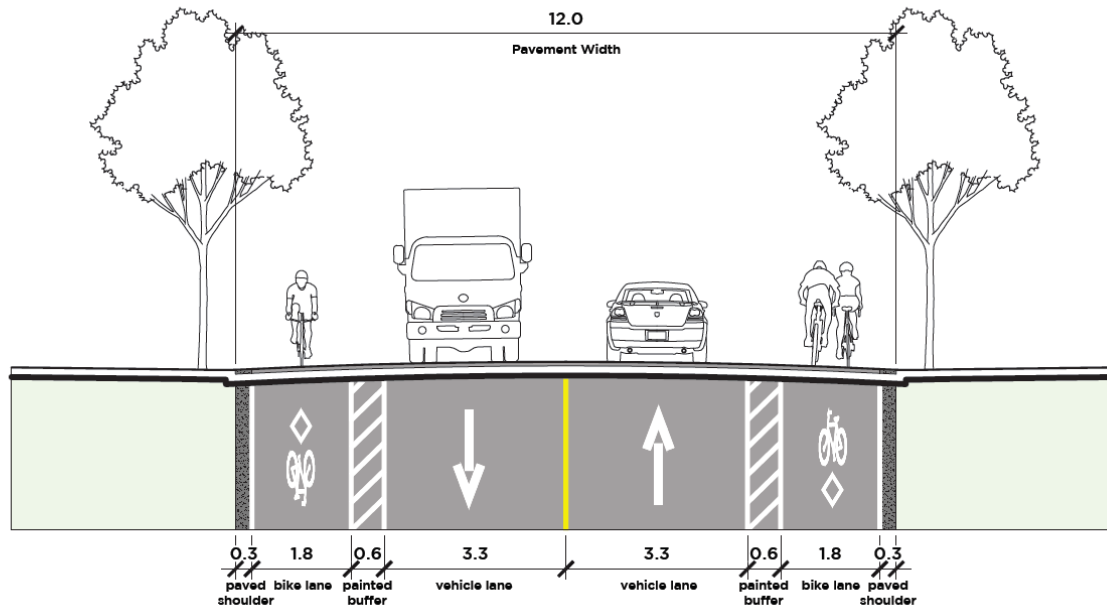
■ Utility upgrades

Existing Cross Section



- Bike lane width insufficient for safe passing

Recommended Design



- Example of painted bike buffer

- Provides consistent, more comfortable width for cycling (1.8m bike lane + 0.6m buffer)
- Minimizes impacts on trees, utilities, private property, etc.
- Does not achieve a full all-ages-and-abilities (AAA) bikeway at this time:
 - Proposed width minimizes impacts
 - Additional widening would:
 - have significant impacts on trees and utilities
 - cost substantially more
 - delay project implementation

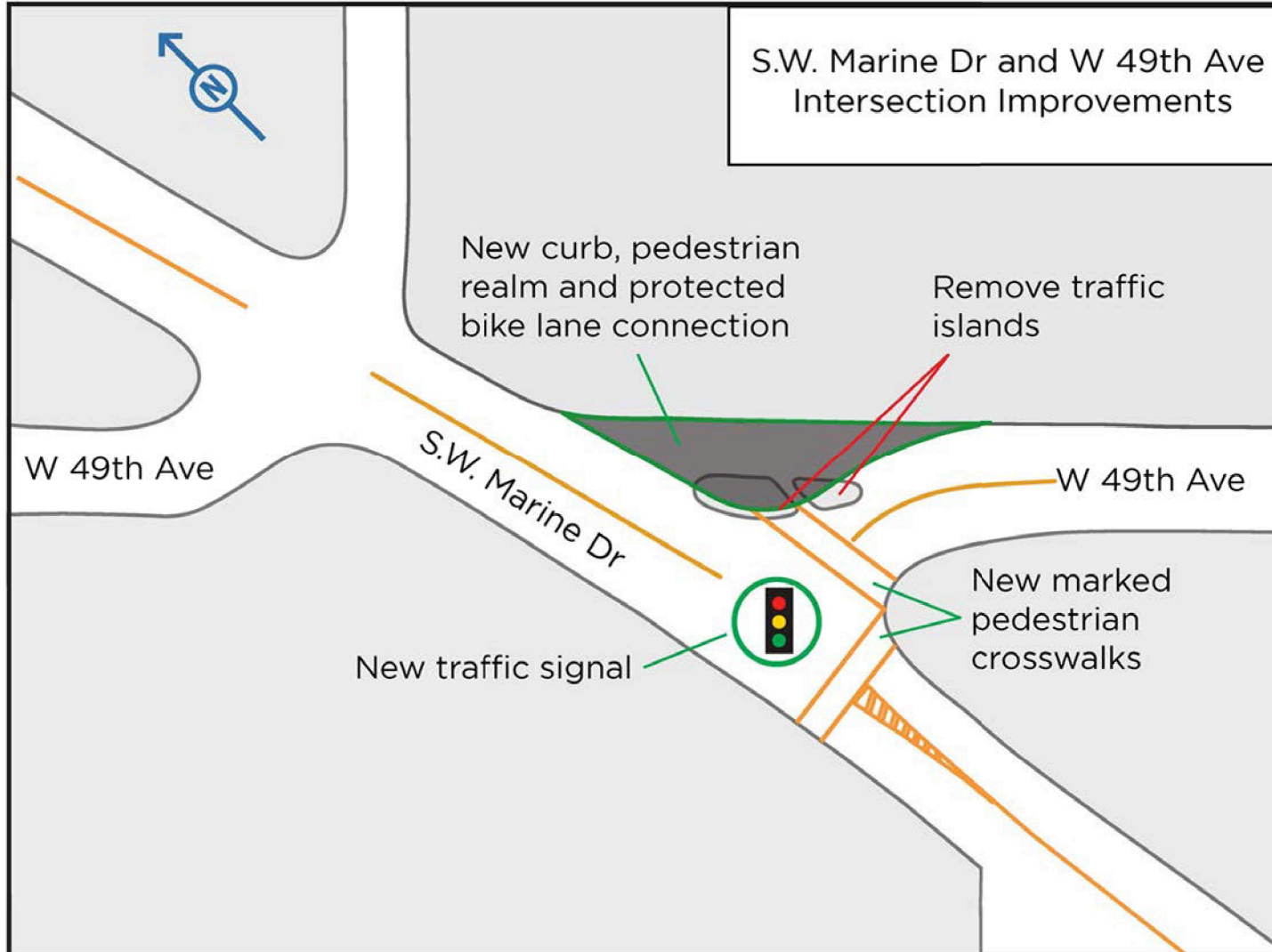


Intersection Improvements - W 49th Av





Intersection Improvements - W 49th Av





- Fall 2015
- General support for bikeway improvements
- Key concerns:
 - Lack of pedestrian improvements
 - Upgrade is not all-ages-and-abilities (AAA) bike facility
 - On-street parking impacts
 - Project construction impacts

Welcome

We want to hear from you!

Please take a few moments to review the information boards and give us your feedback.

Context Map

Legend

Section of SW Marine Drive where improvements are being considered



Sidewalks	<ul style="list-style-type: none">• Preserve existing sidewalk and informal pedestrian space• Issue maintenance notifications to properties with encroaching landscaping
Pedestrian Crossing	<ul style="list-style-type: none">• Provide new crossing on SW Marine at W 49th Av
On-Street Parking	<ul style="list-style-type: none">• Maintain where required
Traffic Management (during construction)	<ul style="list-style-type: none">• Develop strategy based on resident feedback/input



Bikeway

- Pilot and monitor 'AAA' protected bike lane improvements at key spot locations or areas of concern





Summary

- Opportunity to coordinate rehabilitation, utility and transportation improvements
- Allows SW Marine to remain on the bike network
- Provides a consistent bike lane and buffer width to improve safety and comfort for people cycling
- Recommend investing \$3.1 million to support cycling improvements and a new traffic signal

