

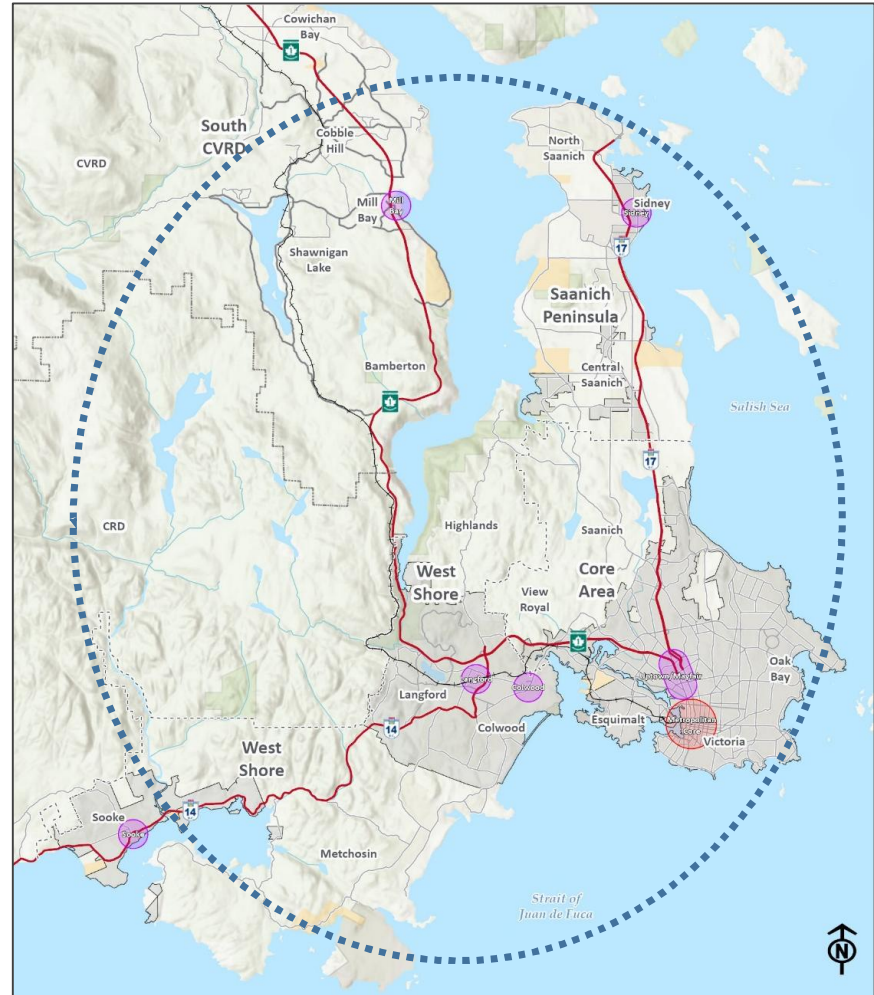
# CONNECTIONS

## South Island Mobility Plan

*Capital Regional District*

*Committee of the Whole*

*January 29, 2020*



# Purpose

- The purpose of this presentation is to validate and update what the Ministry of Transportation and Infrastructure and its consultants have heard from the technical advisory group, that includes municipal staff, BC Transit and BC Ferries and other stakeholders. Input and themes have also been received from First Nations. This engagement step will help inform necessary analysis and assessment.
- Ministry officials will outline next steps toward development of a South Island Multi Modal Transportation Plan

# Agenda

## 1. Progress Update

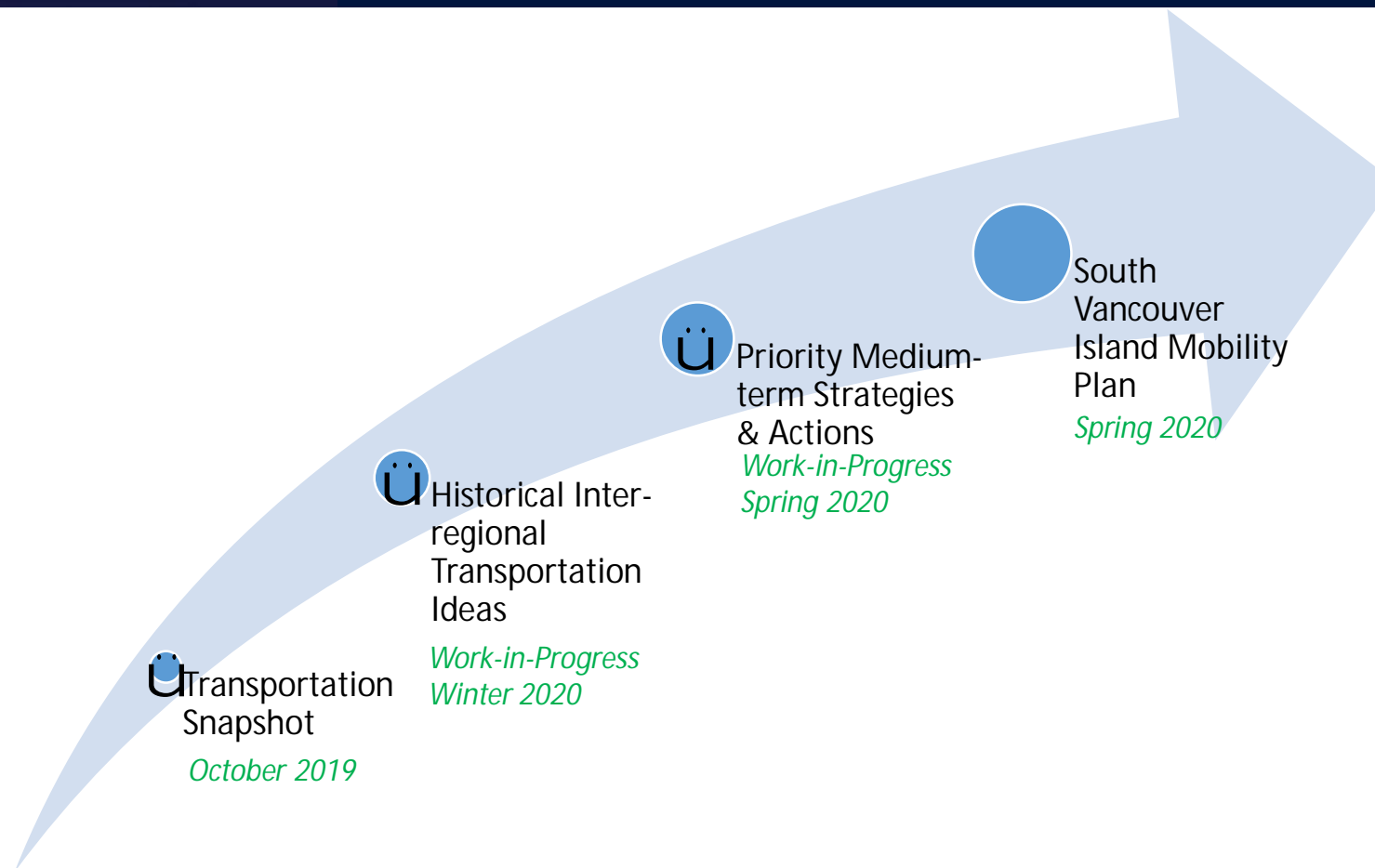
## 2. Preliminary Directions

- a. Background – Transportation Snapshot & Historical Ideas
- b. Preliminary Goals and Potential Strategies & Priority Action Areas

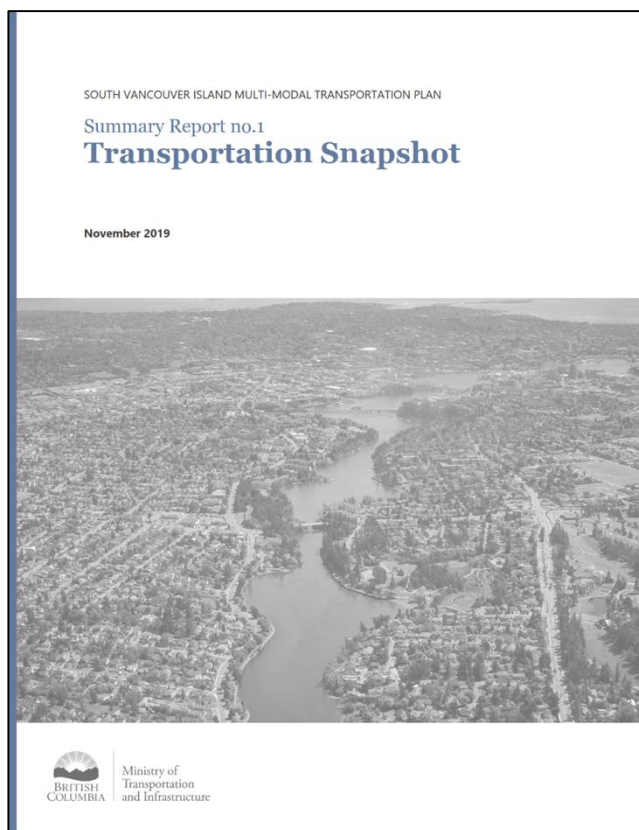
## 3. Discussion

- Are there additional background issues for us to consider?
- What are your perspectives on the preliminary goals, potential strategies, as well as priority action areas?

# Progress Update



# Progress Update



Connecting  
Aspirations

Communities &  
Gateways

Inter-regional  
Travel

Transportation  
System Highlights

Key Issues &  
Challenges

# Agenda

## 1. Progress Update

## 2. Preliminary Directions

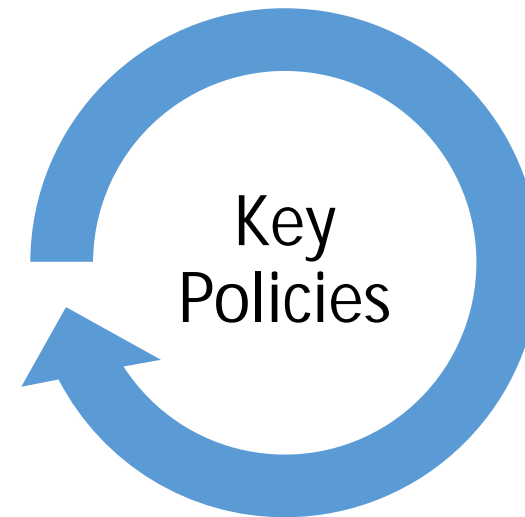
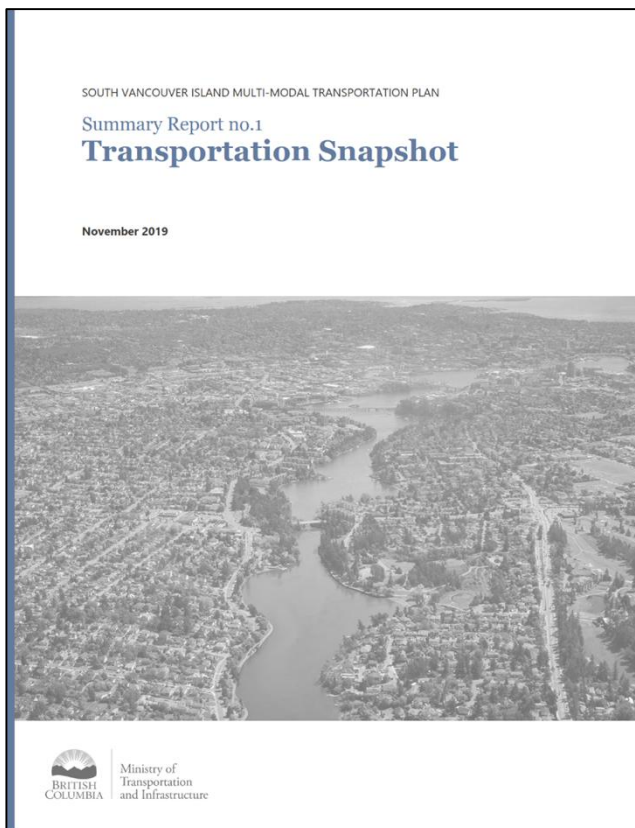
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# Transportation Snapshot Highlights

## *Transportation Aspirations*

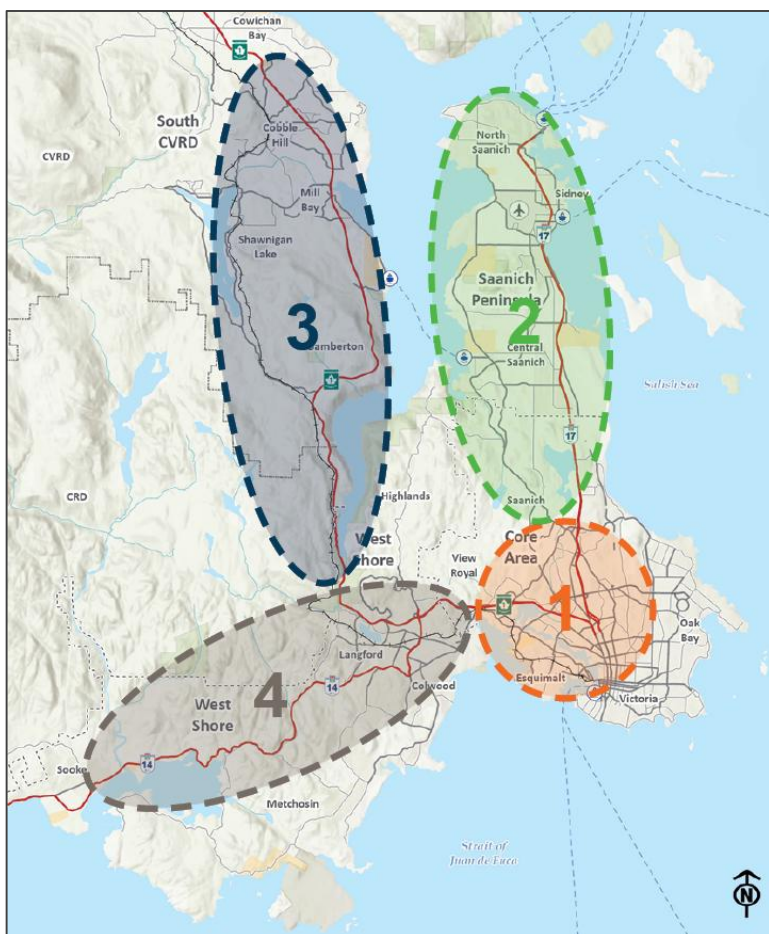


























- Taking Action on Climate Change
- Connecting Communities
- Reducing Auto Dependence
- Ensuring Sustainable Travel Options
- Active Transportation & Healthy Living
- Growing the Economy



# Transportation Snapshot Highlights

## *Transportation Challenges*



PRIMARY ISSUES	1	2	3	4
Mobility (delays)				
Reliability (travel time variability)				
Safety				
Mode Shift & Sustainable Choices				
Network Redundancy / Emergency Service				
Community Connectivity				

Relative Scale of Challenge

 Modest

 Moderate

 Significant





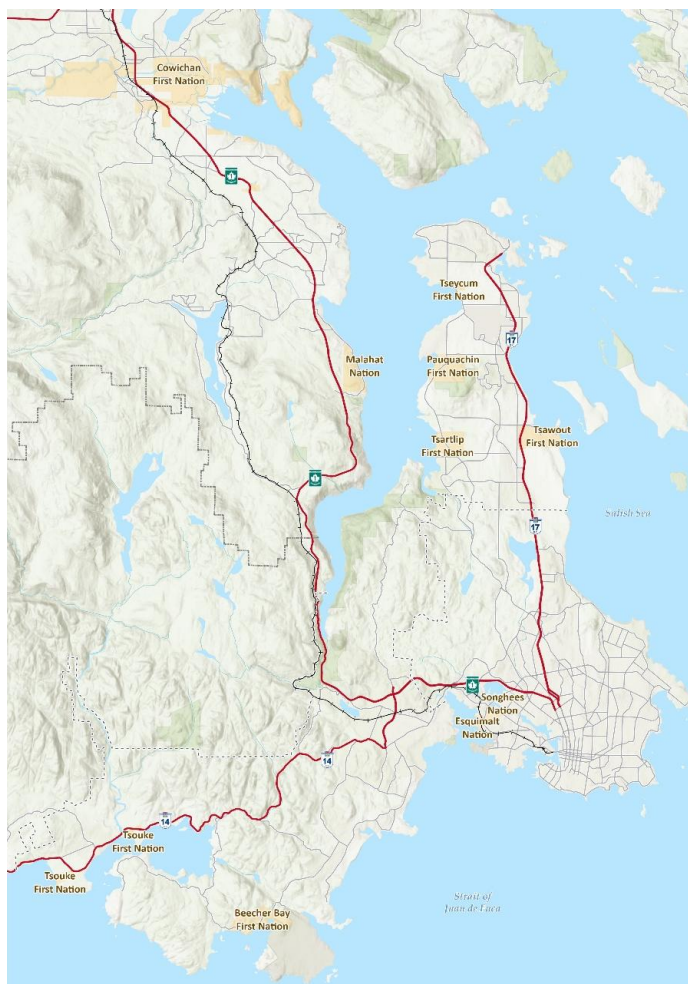
Ministry of  
Transportation  
and Infrastructure

## Transportation Snapshot Highlights

### *Transportation Challenges for First Nations*

#### Conversations with First Nations Communities:

- Walking and cycling are primary modes.
- Safety is a top priority.
- Lack of travel options is a barrier
- Barriers to Cowichan Connector transit service – cost, limited schedule, poor connection to local transit.
- Local transit generally not meeting needs (schedule, frequency and connections).
- Economic development and climate change are key goals.



# Historical Inter-regional Transportation Ideas



## Preliminary Highlights

### Cost

Relative Order of Magnitude Cost

### Ridership / Traffic Diversion

Ridership or Traffic Diversion Forecast

### Impacts

Potential Impacts

### Challenges

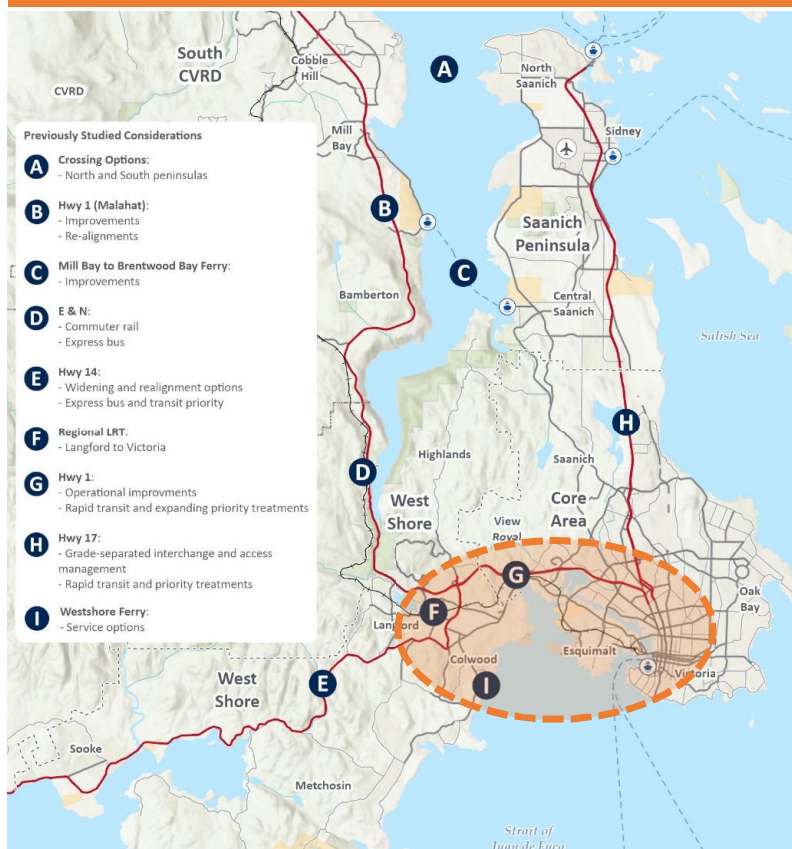
Alignment with Key Challenges

























### Aspirations

Alignment with Aspirations

# Historical Inter-regional Transportation Ideas

## 1. Core Area

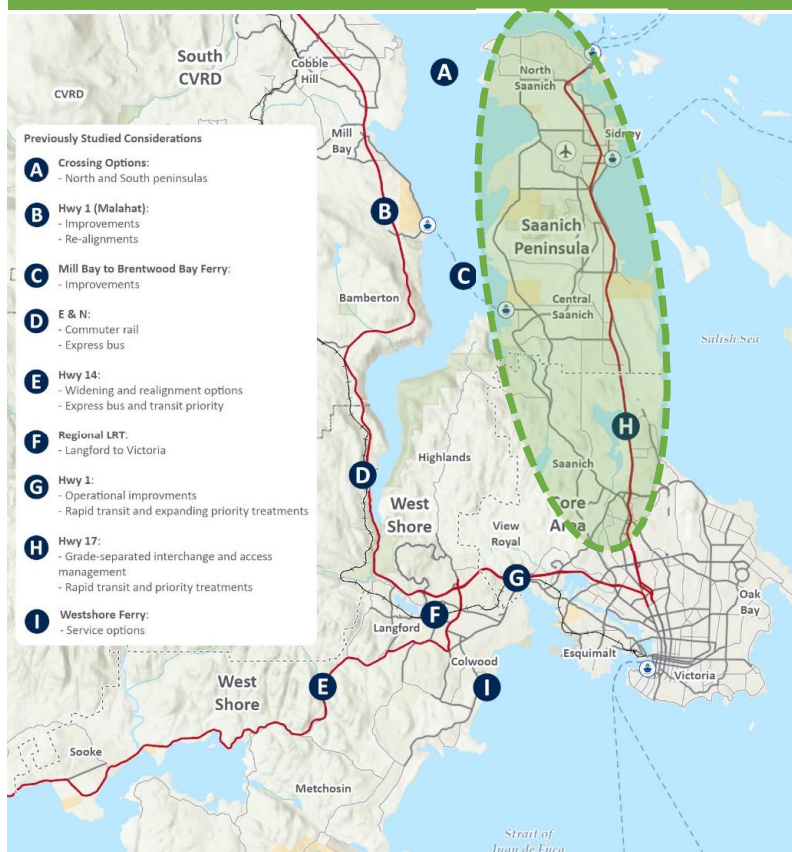











	Concept Cost	Ridership / Traffic Diversion	Potential Impacts	Aligns With	
				Challenges	Aspirations
Highway 1 Bus Transit Priority					
Duncan – Downtown E+N Commuter Rail	*** Work-in-Progress ***				
Langford - Downtown E+N Bus-on-Rail					
Regional LRT					
Westshore Ferry					
RELATIVE RATING      Significant  Moderate  Modest  No Change - 					



# Historical Inter-regional Transportation Ideas

## 2. Saanich Peninsula



	Concept Cost	Ridership / Traffic Diversion	Potential Impacts	Aligns With	
				Challenges	Aspirations
Highway 17 Corridor Improvements		-			
Highway 17 Transit Improvements					

RELATIVE RATING

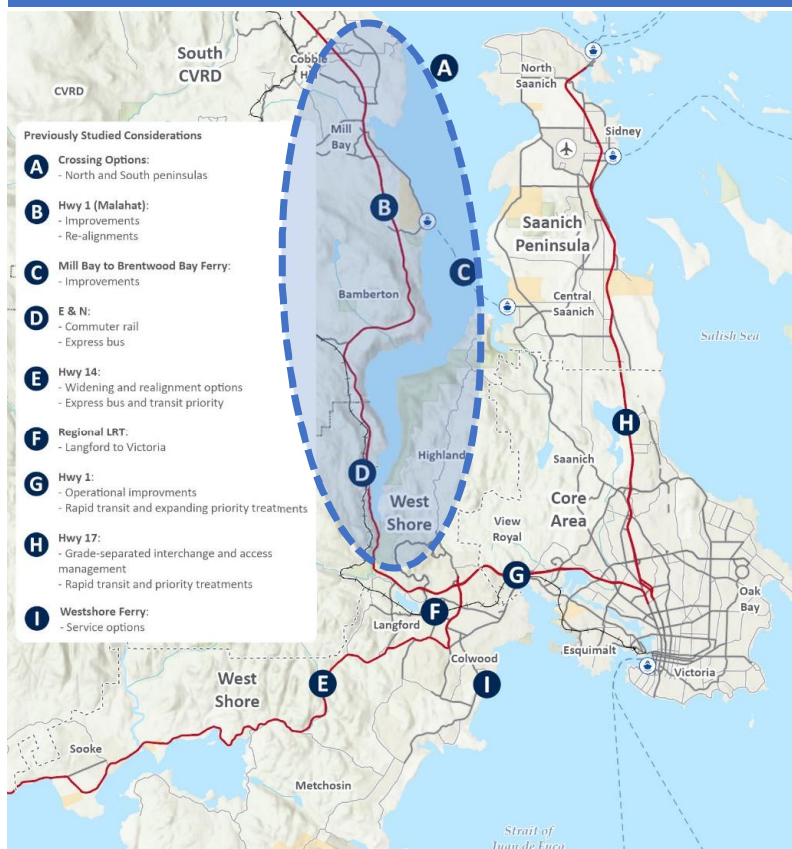
Significant 

















































Moderate 

Modest 

No Change -









## 3. Malahat + South Cowichan



	Concept Cost	Ridership / Traffic Diversion	Potential Impacts	Aligns With	
				Challenges	Aspirations
Mill Bay Ferry Improvements					
Saanich Inlet Bridge, Op.1					
North Saanich Connection					
Saanich Inlet Bridge, Op.2					
Highlands Connection					
Malahat Improve., Op.1		-			
Widening + Improvement		-			
Malahat Improve., Op.2		-			
Goldstream Double Deck		-			
Malahat Improve., Op.3		-			
Near West Realignment		-			
Malahat Improve., Op.4		-			
Niagara Main Realignment		-			
RELATIVE RATING	Significant 	Moderate 	Modest 	No Change -	

## 4. Westshore



	Concept Cost	Ridership / Traffic Diversion	Potential Impacts	Aligns With	
				Challenges	Aspirations
Highway 14 Corridor Improvements		-			
Highway 14 Bypass Route		-			

RELATIVE RATING

Significant



Moderate



Modest



No Change -



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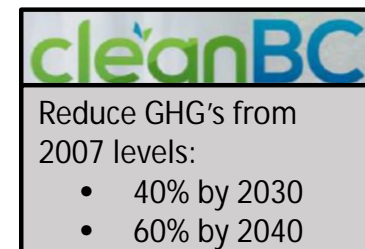
# Preliminary Strategies & Directions

## *Goals & Provincial Strategies*

### GOAL #1 ENSURING SUSTAINABLE MULTI-MODAL TRAVEL OPTIONS

Sustainability will be accomplished through multiple strategies intended to support and encourage people to take transit, walk and/or bike as well as strategies to accelerate the move from gasoline powered transport to electric vehicles.

- Encourage growth and densification in designated Urban Centres
- Advance TDM policies & incentives for sustainable travel in Urban Centres
- Support and implement bus lanes on highways and other inter-regional service corridors
- Implement transit priority treatments at intersections along highways
- Support provision of strategically located transit exchanges and Park and Ride lots
- Expand provincial programs of adding charging stations
- Policies and support infrastructure to increase use of energy efficient vehicles and alternative fuels
- Support BC Transit's Low Carbon Fleet Program to change its entire fleet to electric vehicles



# Preliminary Strategies & Directions

## *Goals & Provincial Strategies*

### GOAL #2 STRENGTHEN INTERMODAL CONNECTIONS

Integrating travel will be accomplished by identifying the missing links that prevent or discourage people from using sustainable choices and partner with others to close those gaps. This will include addressing the so-called 'first and last mile' shortcomings within the region.

- Connect communities in the South Island, including First Nations communities
- Support attractive inter-modal connections at mobility hubs serving inter-regional travel
- Implement policies and regulations to support new forms of mobility for sustainable choices
- Add secure bike parking/storage at key locations
- Implement policies to advance and support ride hailing
- Pursuit of mobility as a service (MaaS)



# Preliminary Strategies & Directions

## *Goals & Provincial Strategies*

### GOAL #3 IMPROVE SAFETY AND RELIABILITY

The safety and reliability of inter-regional travel will be addressed through improvements that target high crash locations and upgrades that improve travel times for transit and general-purpose traffic.

- Implement highway safety and reliability improvements
- Improve network connectivity and redundancy
- Implement facilities that support sustainable modes and goods movement



# Preliminary Strategies & Directions

## Goals & Provincial Strategies

### GOAL #4 SUPPORT AND ENCOURAGE ACTIVE TRANSPORTATION

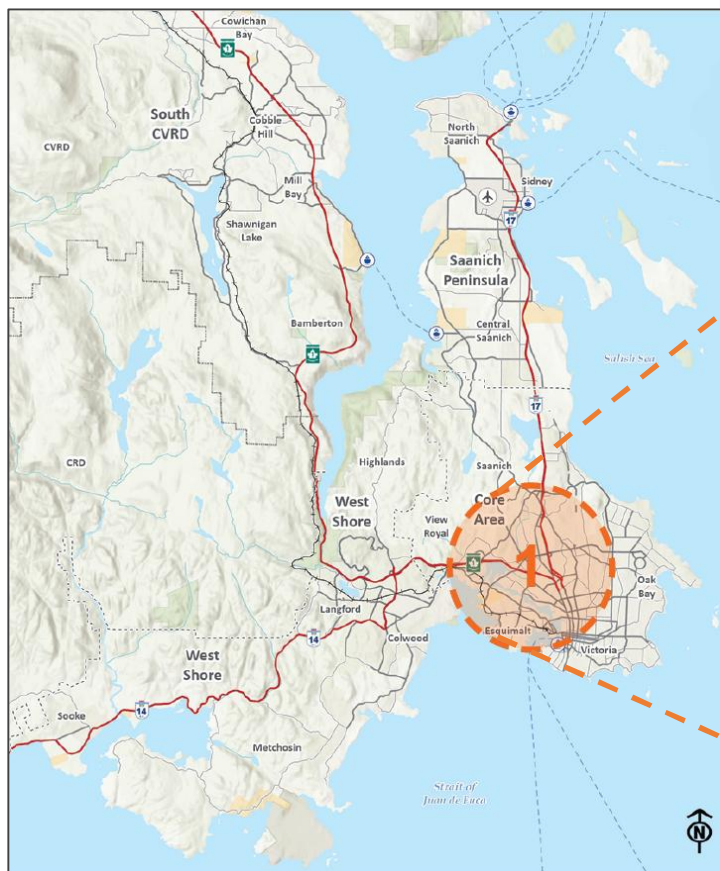
Support for active transportation will primarily be accomplished with financial partnerships to establish and improve active transportation infrastructure as well as identifying gaps in inter-regional networks.

- Expanded funding for regional active transportation priorities.
- Implement active transportation facilities along corridors serving inter-regional travel.
- Support upgrades to active transportation facilities and crossings of highways.
- Establish targeted funding to improve intersection accessibility on urban highways.
- Encourage and support regional policies and directions for incentives for sustainable modes of transportation serving designated Urban Centres and Gateways.
- Improvements to address comfort/safety of active transportation crossing highways around key urban centres.



# Preliminary Strategies & Directions

## *Priority Action Themes*



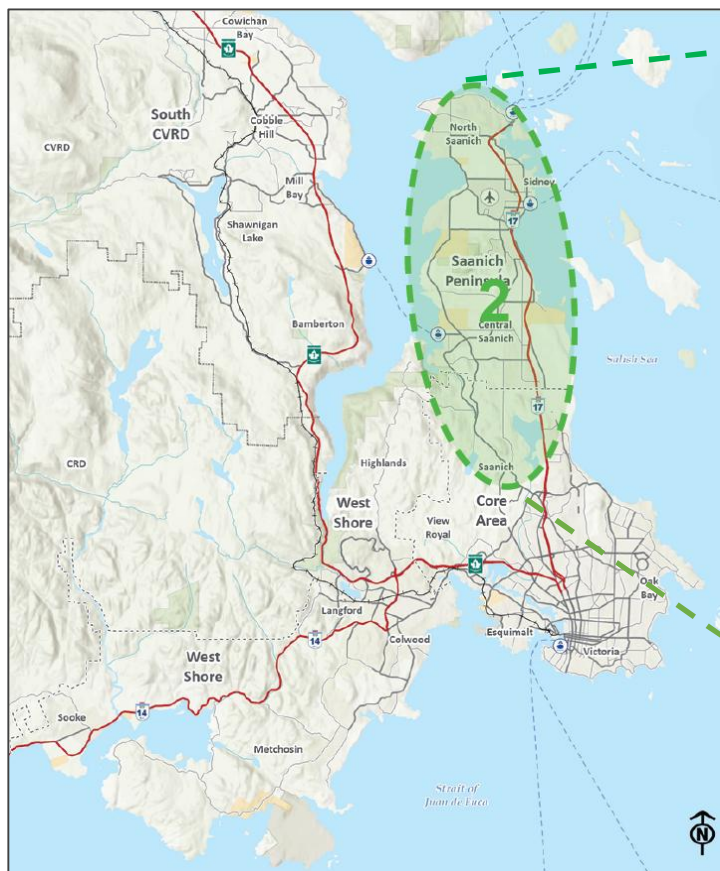
### #1 – Core Area

- Bus Rapid Transit Services and Facilities (lanes, stations, multi-modal connections).
- Highway safety & operational improvements.
- Active Transportation Connections & Support Facilities for Mobility Hubs & Urban Centres.
- Support planning around other regional-serving travel (i.e. marine, rail, etc.).



# Preliminary Strategies & Directions

## *Priority Action Themes*

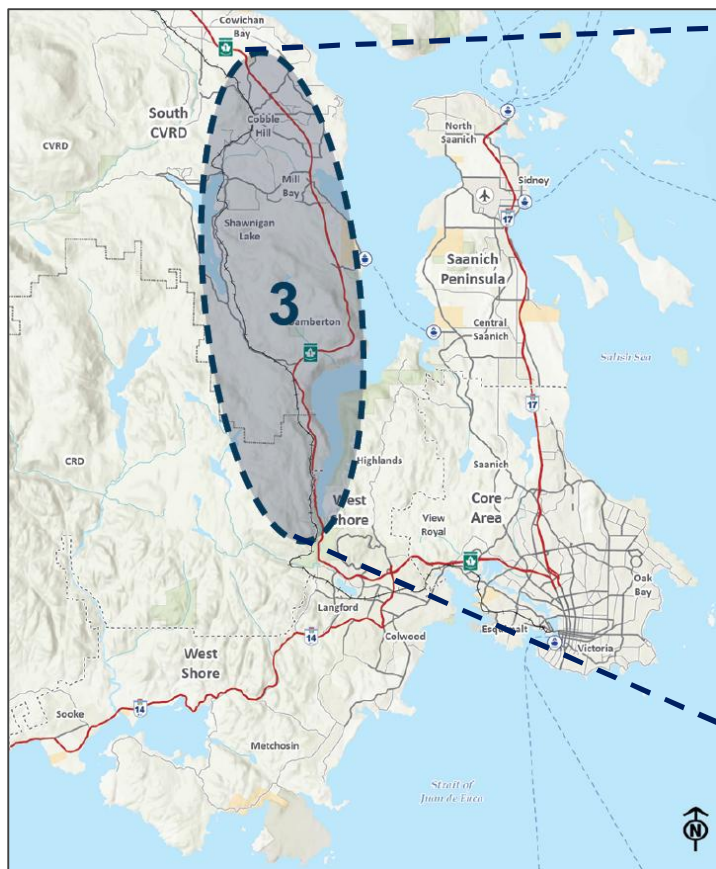


### #2 – Peninsula

- Bus Rapid Transit Services and Facilities (lanes, stations, multi-modal connections).
- Highway 17 corridor safety & operational upgrades.
- Active Transportation Connections & Support Facilities for Mobility Hubs, Gateways and along Ministry right-of-way.
- Energy efficient transportation facilities around mobility hubs.

# Preliminary Strategies & Directions

## *Priority Action Themes*

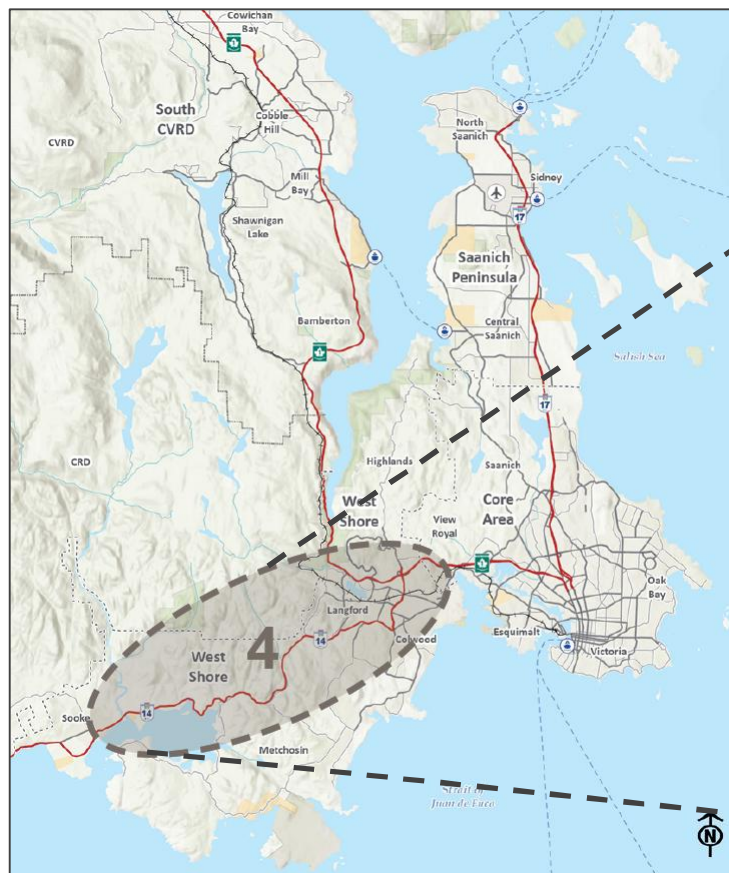


### #3 – Malahat / CVRD

- Malahat safety and reliability Improvements – median treatments, widening, realignments.
- Frequent Bus Transit services and support facilities: priority treatments; stop enhancements; transit hubs; and park-and-ride lots.
- Active Transportation Connections & Support Facilities for Transit Hub
- Energy efficient transportation facilities around mobility hubs.

# Preliminary Strategies & Directions

## *Priority Action Themes*



### #4 – West Shore

- a. Highway 14 safety and reliability Improvements.
- b. Highway 14 transit improvements: frequent transit services; priority treatments; stop enhancements; and park-and-ride lots.
- c. Active Transportation Connections & Support Facilities for Transit Hubs
- d. Active transportation crossings and new cycling connections.

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