



# COMOX VALLEY TRANSIT INFRASTRUCTURE STUDY

CVRD Board Meeting  
May 25<sup>th</sup> 2021

**URBAN**  
SYSTEMS

# PROJECT BACKGROUND

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## TRANSIT EXCHANGES

**Why?** Provide opportunity for transfer between transit routes and between travel modes

**What?** Facilities include bus storage, multi-modal transportation facilities, passenger and driver amenities, and supportive surrounding land uses and activities



## TRANSIT PRIORITY

**What?** Targeted interventions that prioritize transit vehicles over other road users (typically vehicles)

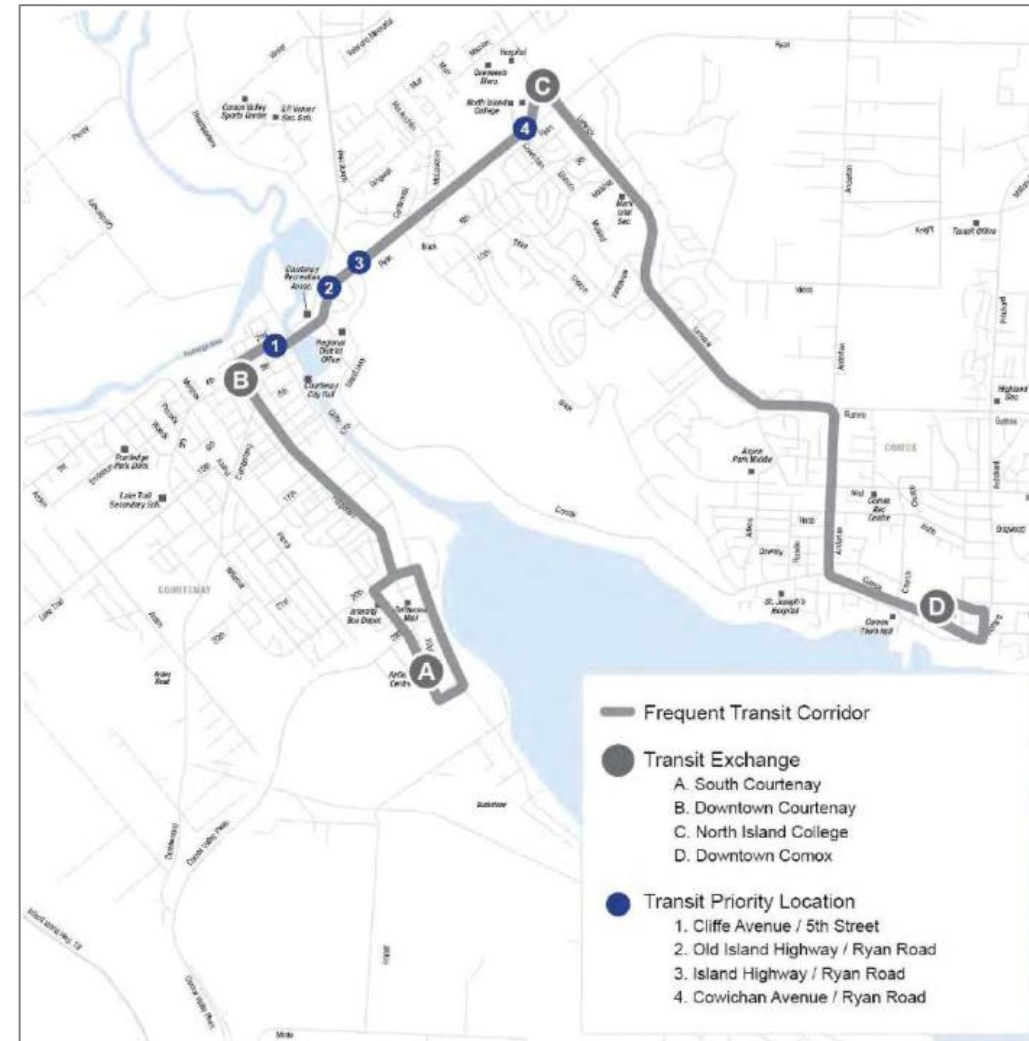
**Why?** Improve transit performance, increase the attractiveness of transit and boost ridership

**Where?** Congestion points where transit travel times are negatively impacted

# PROJECT BACKGROUND, CONT.

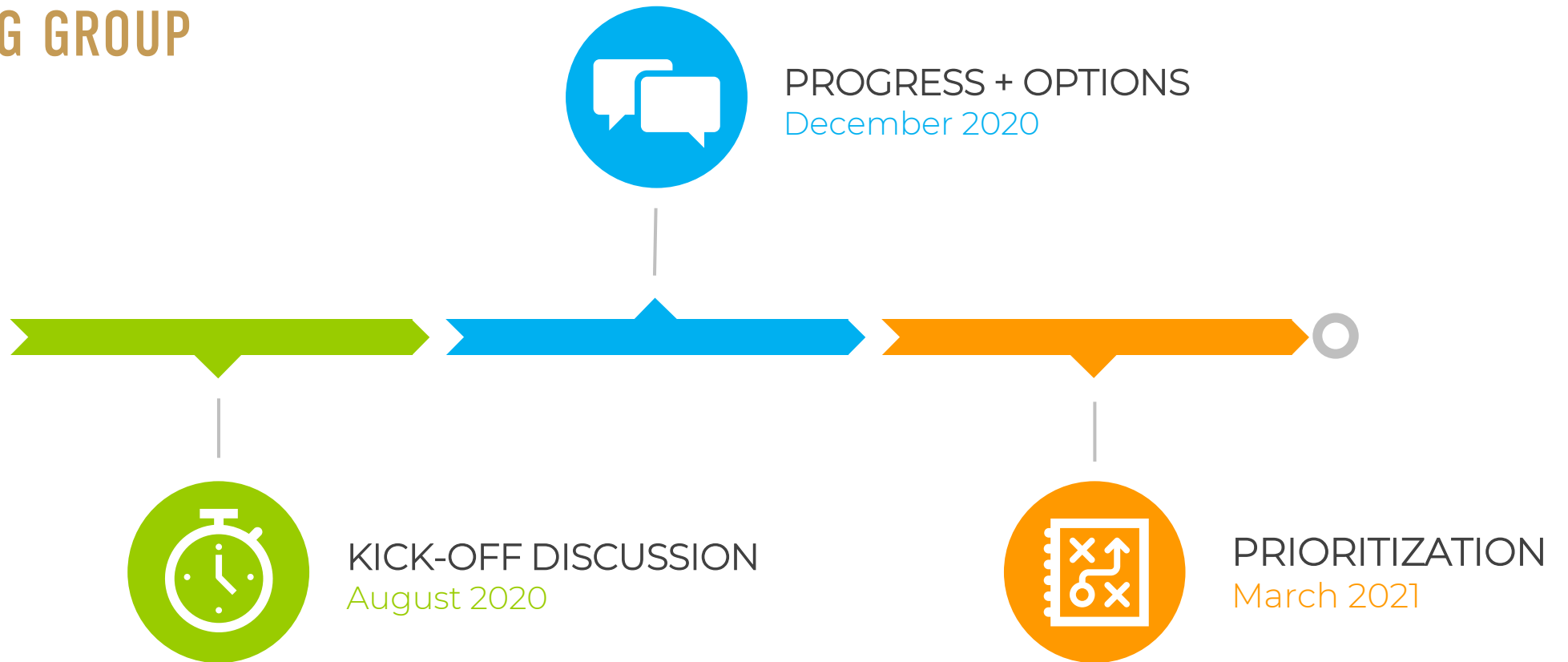
## FREQUENT TRANSIT CORRIDOR STUDY, 2017

- Built on Transit Future Plan (2014)
- Confirmed FTN alignment along Fitzgerald Ave
- Considered transit exchange locations and concepts
- Identified possible transit priority locations



# PROJECT BACKGROUND, CONT.

## WORKING GROUP







# **STUDY RECOMMENDATIONS**





# EXCHANGE LOCATIONS

+ Oyster River

Downtown Courtenay

North Island College

Downtown Comox

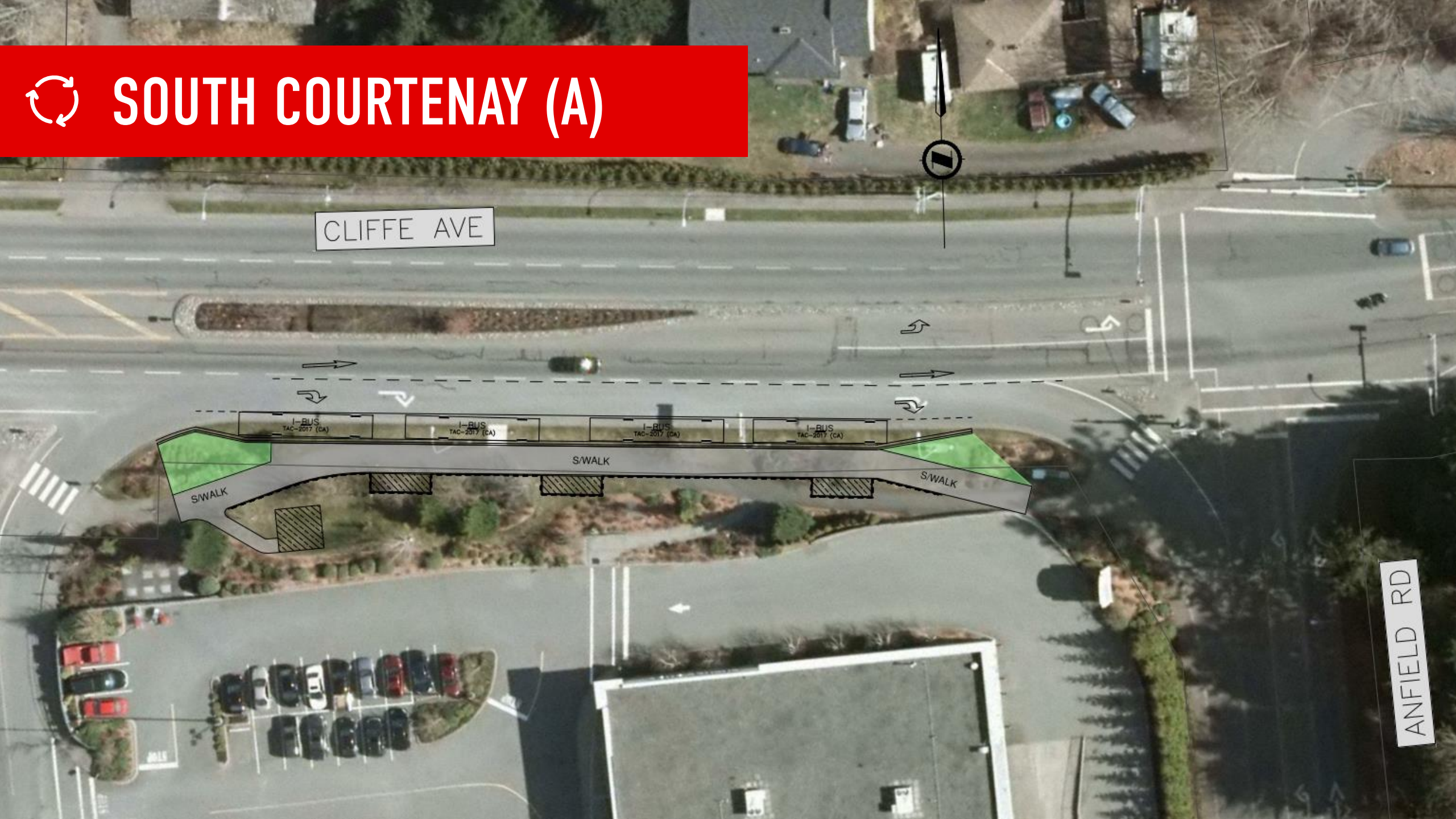
South Courtenay







# SOUTH COURTENAY (A)



CLIFFE AVE

I-BUS TAC-2017 (CA)

S/WALK

S/WALK

S/WALK

ANFIELD RD





# SOUTH COURTENAY (A)

RECONFIGURATION AT  
DRIFTWOOD MALL





 **DOWNTOWN COURTENAY (B)**

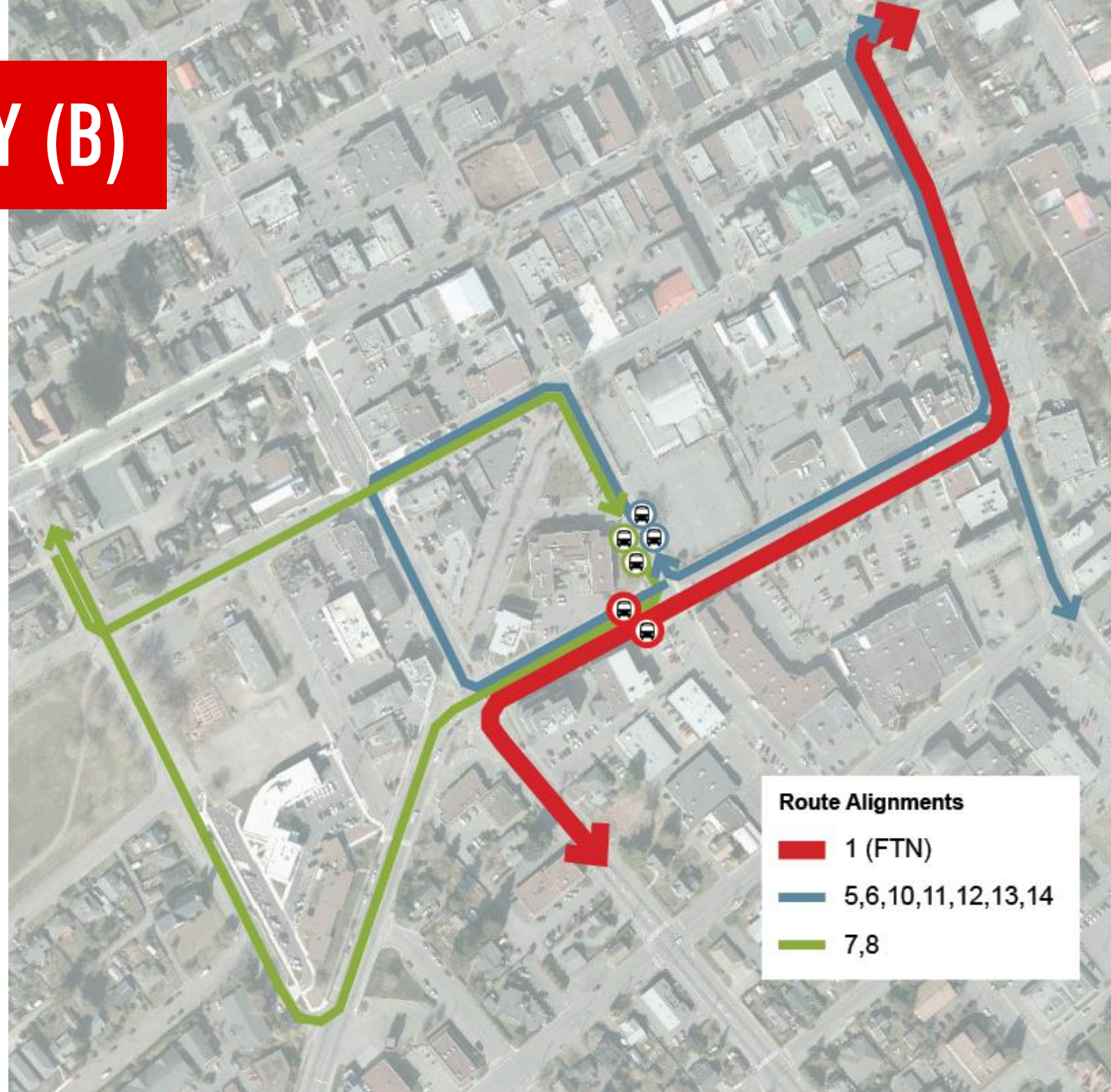






# DOWNTOWN COURTENAY (B)

## ROUTE RECONFIGURATION



**Route Alignments**

- 1 (FTN)
- 5,6,10,11,12,13,14
- 7,8



 **NORTH ISLAND COLLEGE (C)**







# DOWNTOWN COMOX (D)



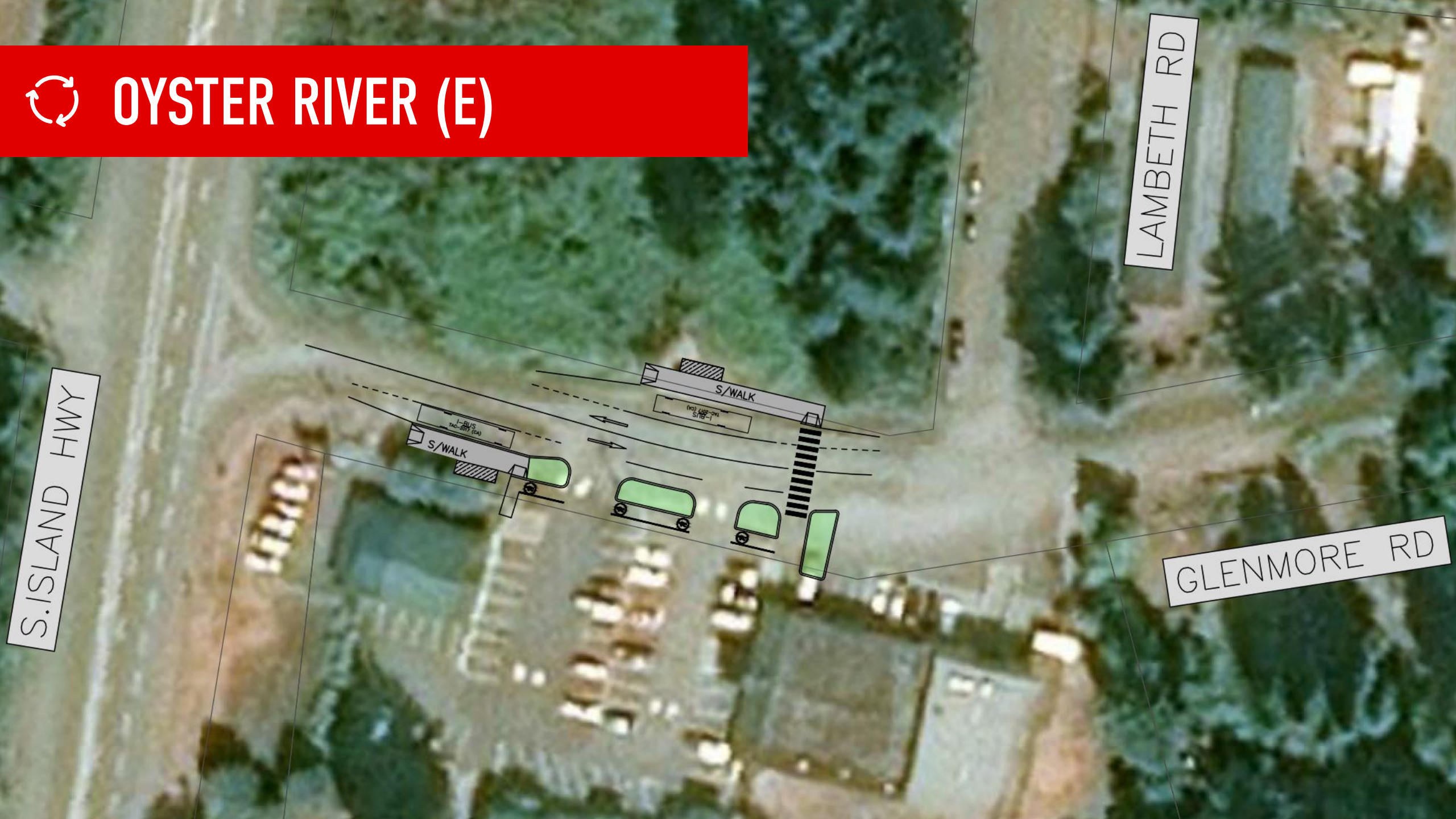
PORT AUGUSTA ST

COMOX MALL





# OYSTER RIVER (E)



S. ISLAND HWY

LAMBETH RD

GLENMORE RD

S/WALK

S/WALK

10000

10000

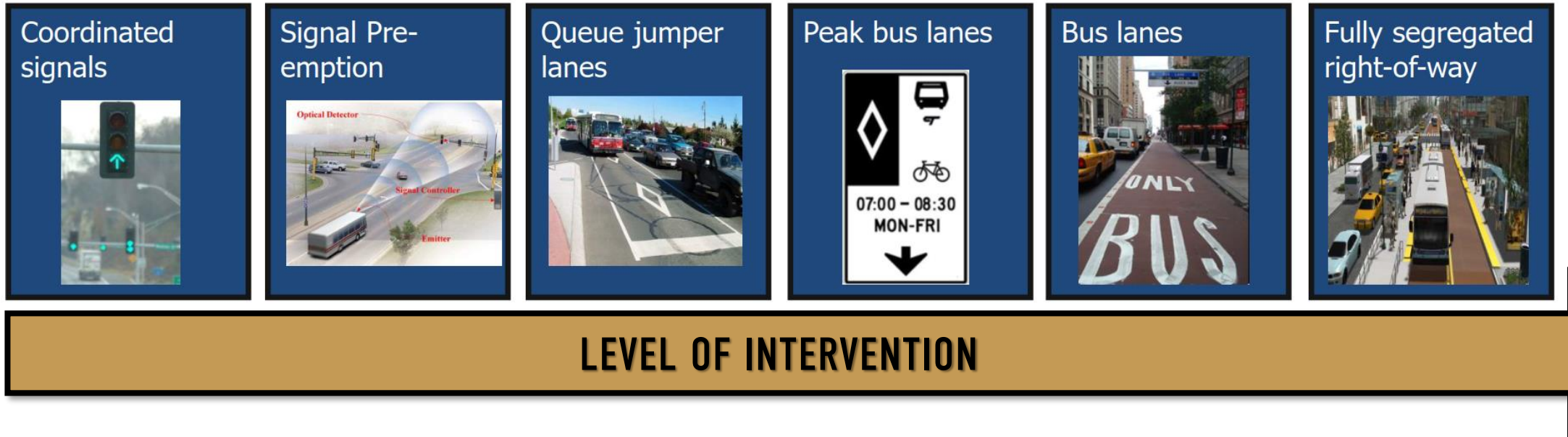
10000

1-2015  
TAP-2015 (CA)

(NO) USE-ON  
S/NB-1

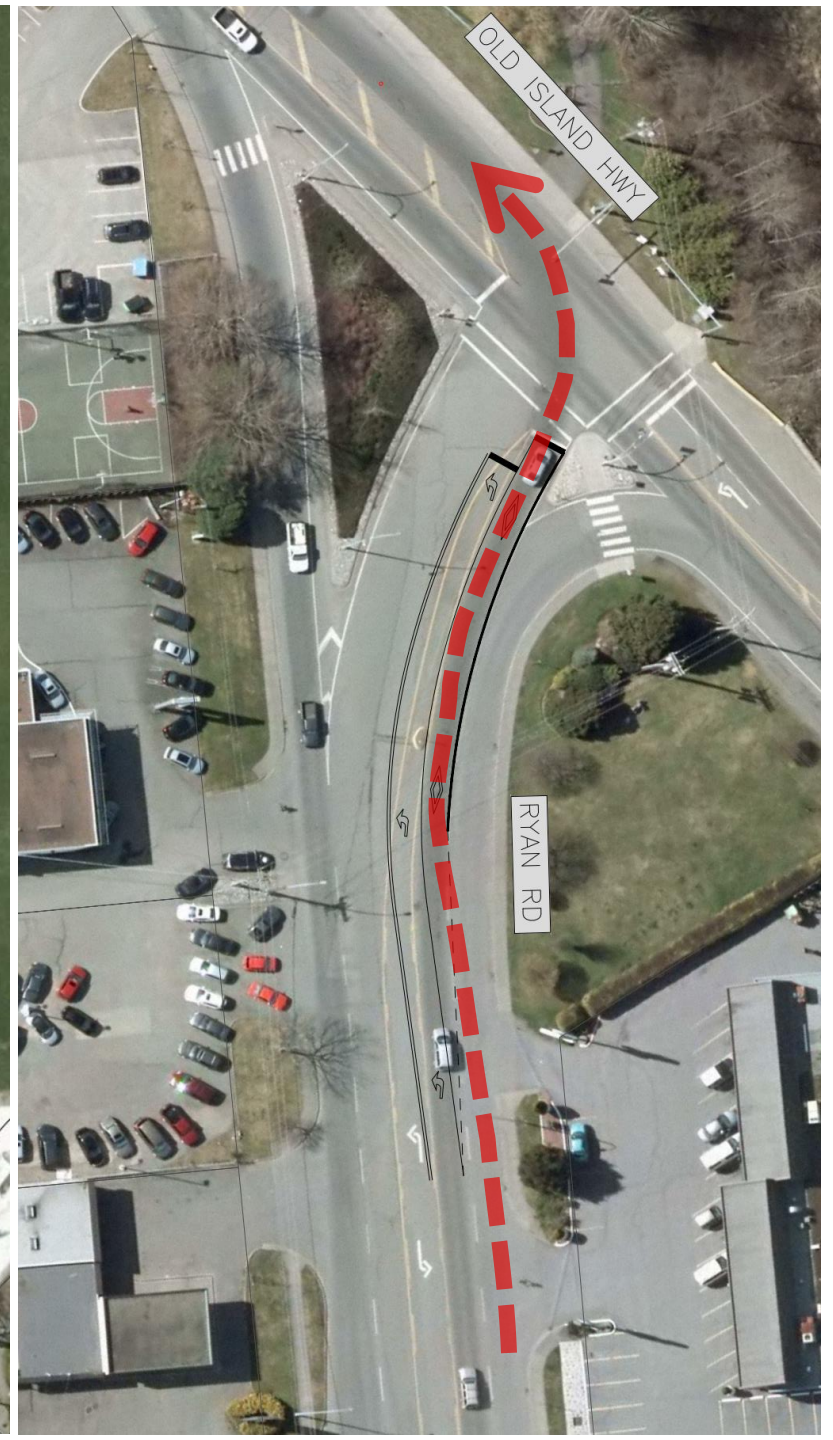


# TRANSIT PRIORITY “TOOLBOX”





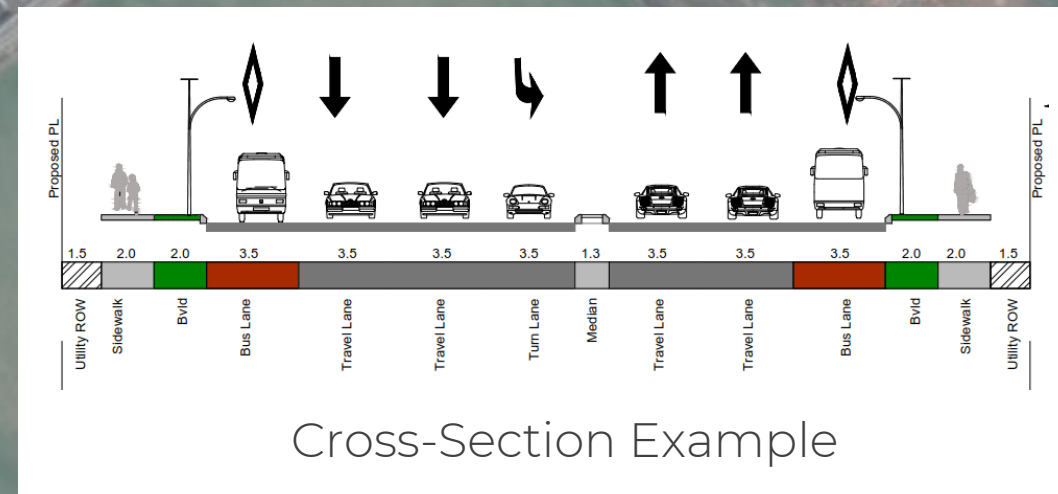
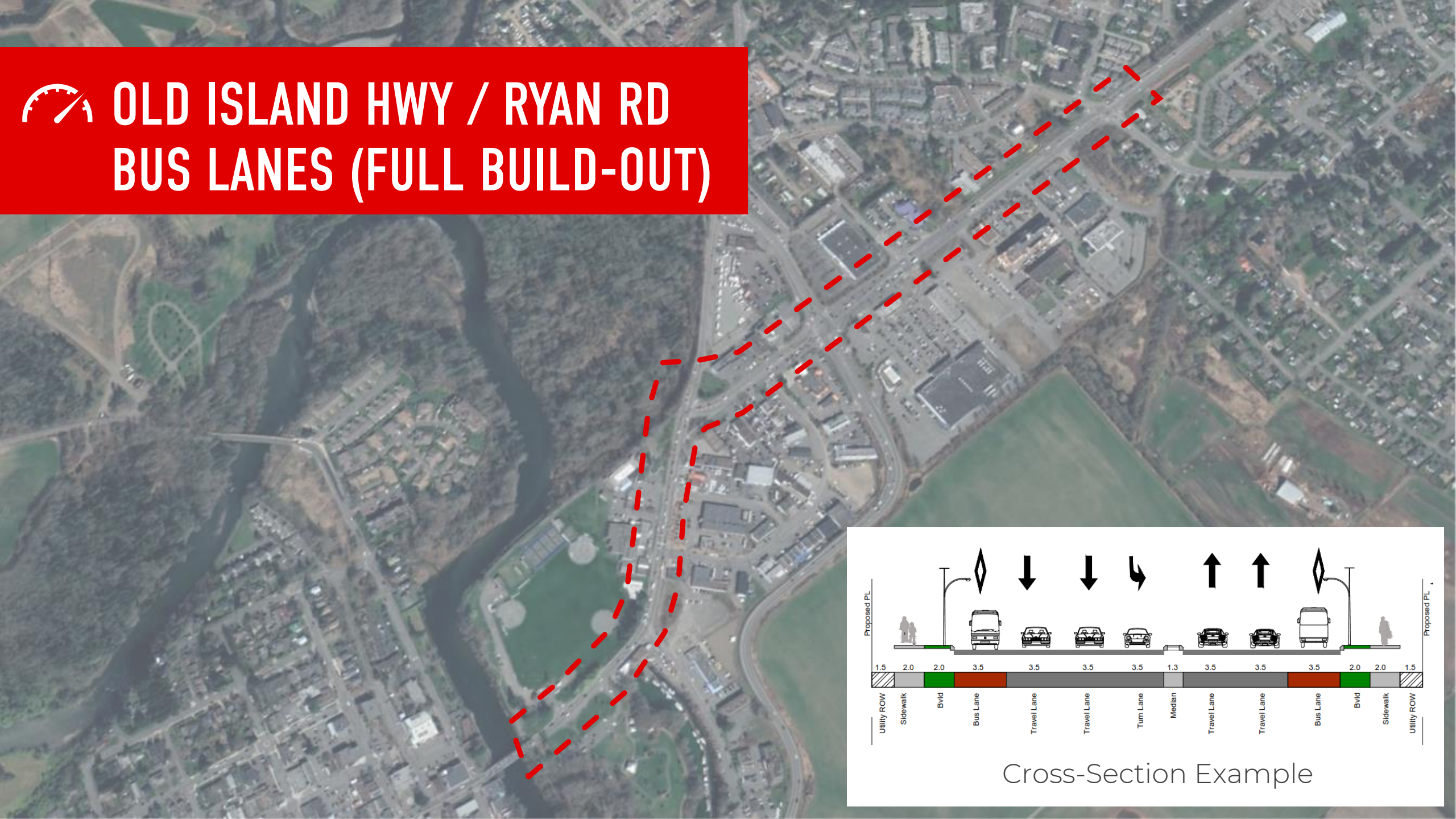
# QUEUE JUMP LANES







# OLD ISLAND HWY / RYAN RD BUS LANES (FULL BUILD-OUT)







**NEXT STEPS**

# PROJECT PRIORITIZATION



Short  
Term



South Courtenay Transit Exchange



Ryan Rd / Old Island Hwy Queue Jump



Downtown Courtenay Transit Exchange (planning, design)



Medium  
Term



Downtown Courtenay Transit Exchange



Oyster River Transit Exchange



Old Island Hwy / Comox Rd Queue Jump



Long  
Term



Transit Exchanges (Downtown Comox, North Island College)



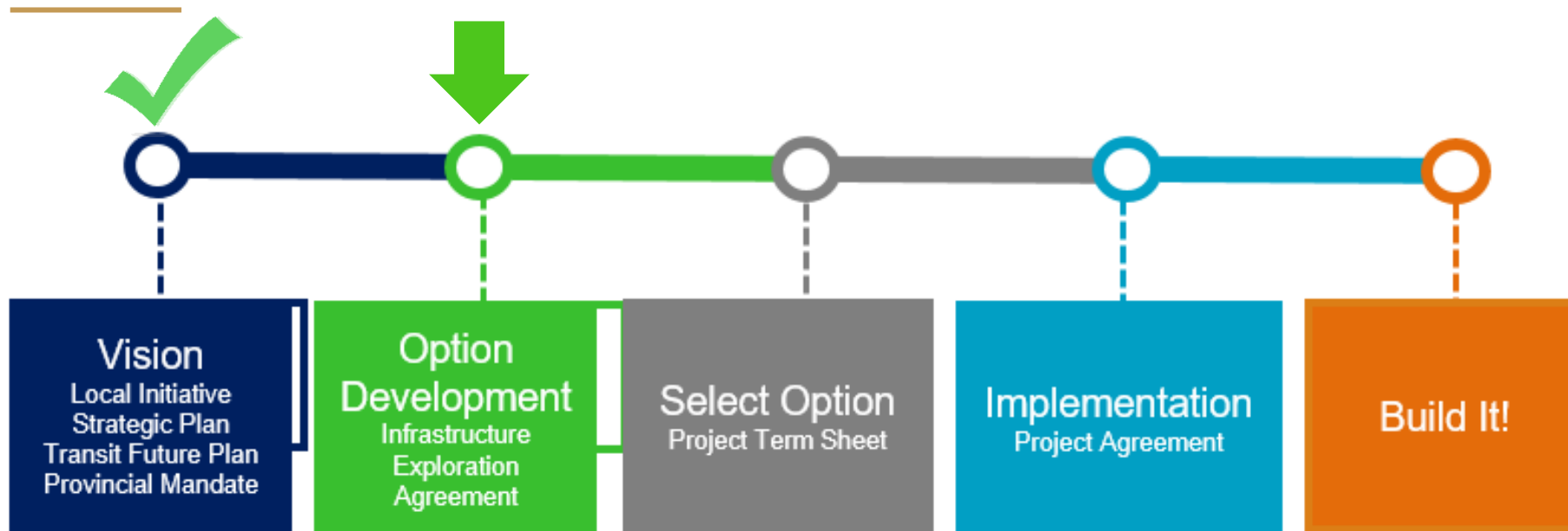
Transit Priority (Lerwick Rd Left Turn, Ryan Rd / Cowichan Ave Signal)



Signal Priority (up to 9 locations)



# ADVANCING PROJECTS



In Progress  
Planning Study Phase

Future Steps - Local Government approval

- Business Case Development
- Application to Investment Canada Infrastructure Program



# CLOSING + DISCUSSION

**URBAN**  
SYSTEMS