

TransLink Update

Derrick Cheung
Vice President, Strategic Sourcing & Real Estate

Jeff Busby
Acting Director, Infrastructure Program Management

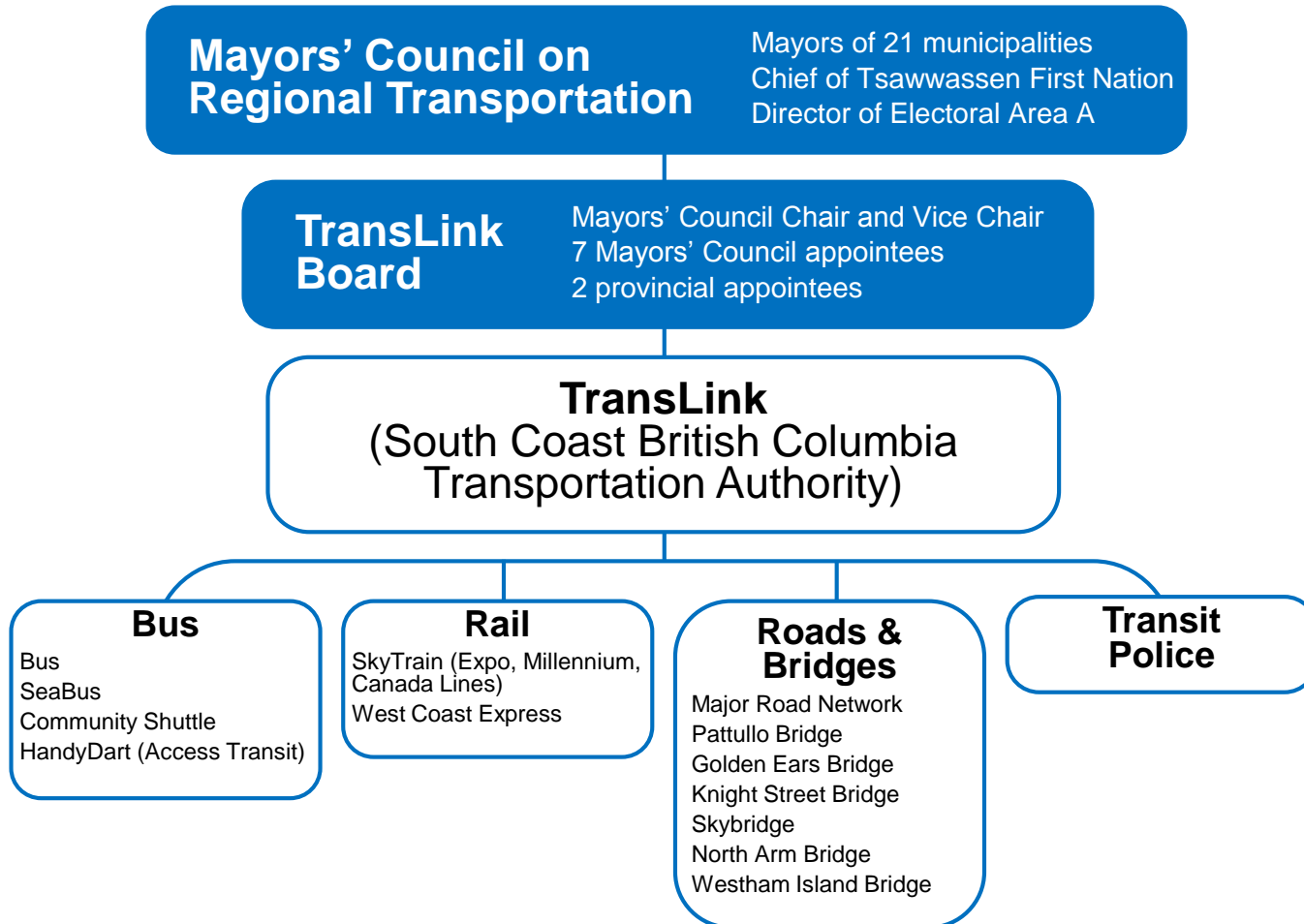
October 2016

Topics

- About TransLink *Derrick*
- Regional Land Use & Transportation *Derrick*
 - Experience To-Date
 - Current Activity
 - Forecast
- 10-Year Vision *Jeff*
- Major Projects *Jeff*
 - Millennium Line Broadway Extension
 - South of Fraser Rapid Transit
 - Pattullo Bridge Replacement

TransLink: Metro Vancouver's regional transportation authority

3



About TransLink



Bus Services

More than 215 bus routes with a fleet of over 1,500 vehicles



Ferry Services

SeaBus, three passenger-only ferries linking Downtown Vancouver and North Vancouver



Cycling

Contributions to new bike paths and locker facilities (\approx 1,000 km of existing bike paths)



HandyDART

A custom transit service for people with disabilities, there are 310 vehicles in the fleet



Rapid Transit Services

Expo, Millennium and Canada SkyTrain Lines (totals 68 km)
Evergreen Line opening fall of 2016 (11 km)



Commuter Rail Services

West Coast Express operates five trains running from Mission to Vancouver and back (67 km)



Roads

Operation and maintenance of the 2,300 lane km major road network



Bridges

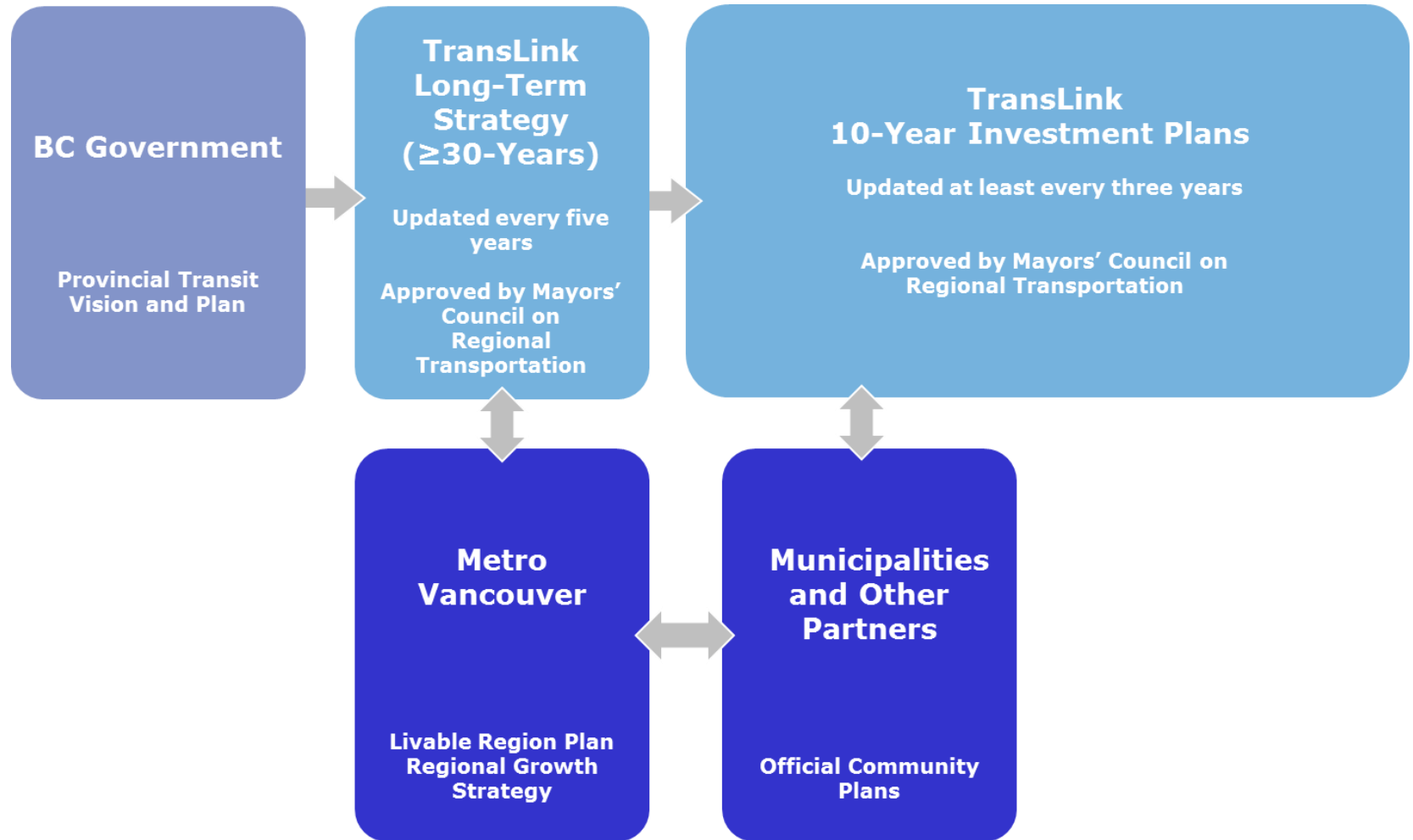
Owens the Pattullo, Knight Street, Golden Ears and Westham Island Bridges



Transit Police Force

Dedicated transit police service (\approx 167 sworn uniformed officers)

Land Use & Transportation Planning Framework



Regional Context: Population Surrounding Rapid Transit: 1986



Regional Context: Population Surrounding Rapid Transit: 2011



Regional Context: Population Surrounding Rapid Transit: 2045 (est.)



Current Real Estate Activity on TransLink's Rapid Transit Network: 50+ Projects



43 million
square feet of **development**



x2
total **downtown office space**



7.2 million
square feet of **new retail**



space for
18,000 new jobs



7.9 million
square feet of **new office**



space for
52,600 new jobs



38,190
new homes



space for
95,000 people **to live**

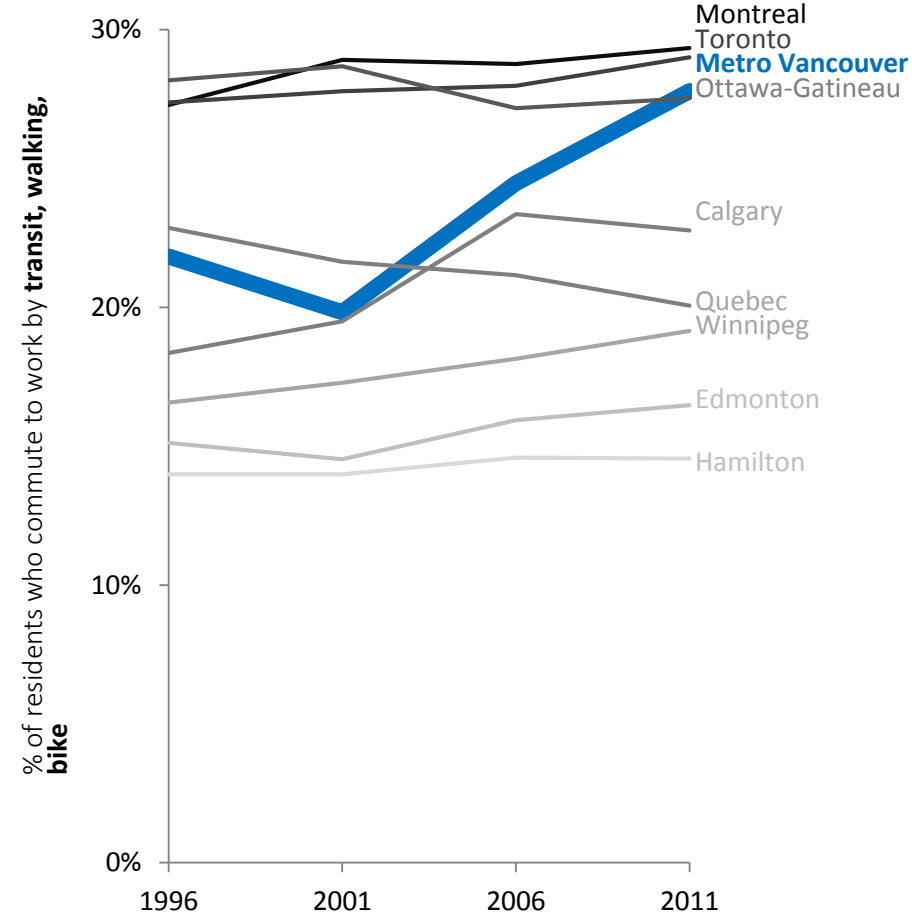
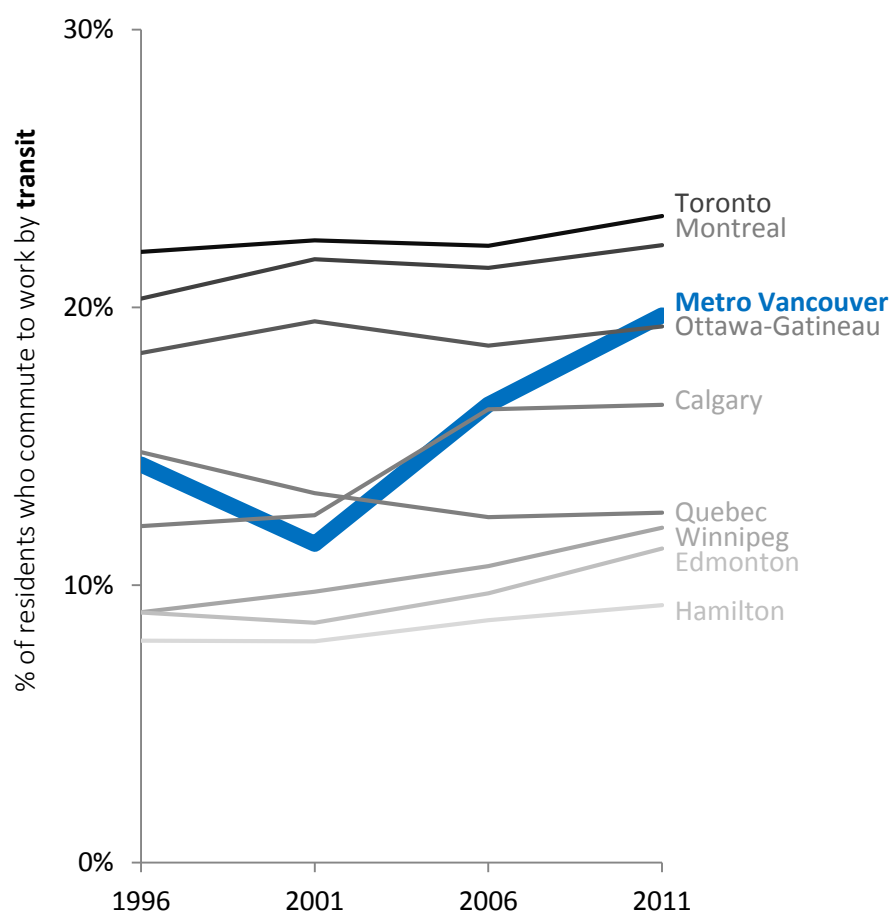


\$14.1BN
in construction value



338,400
new construction job man years

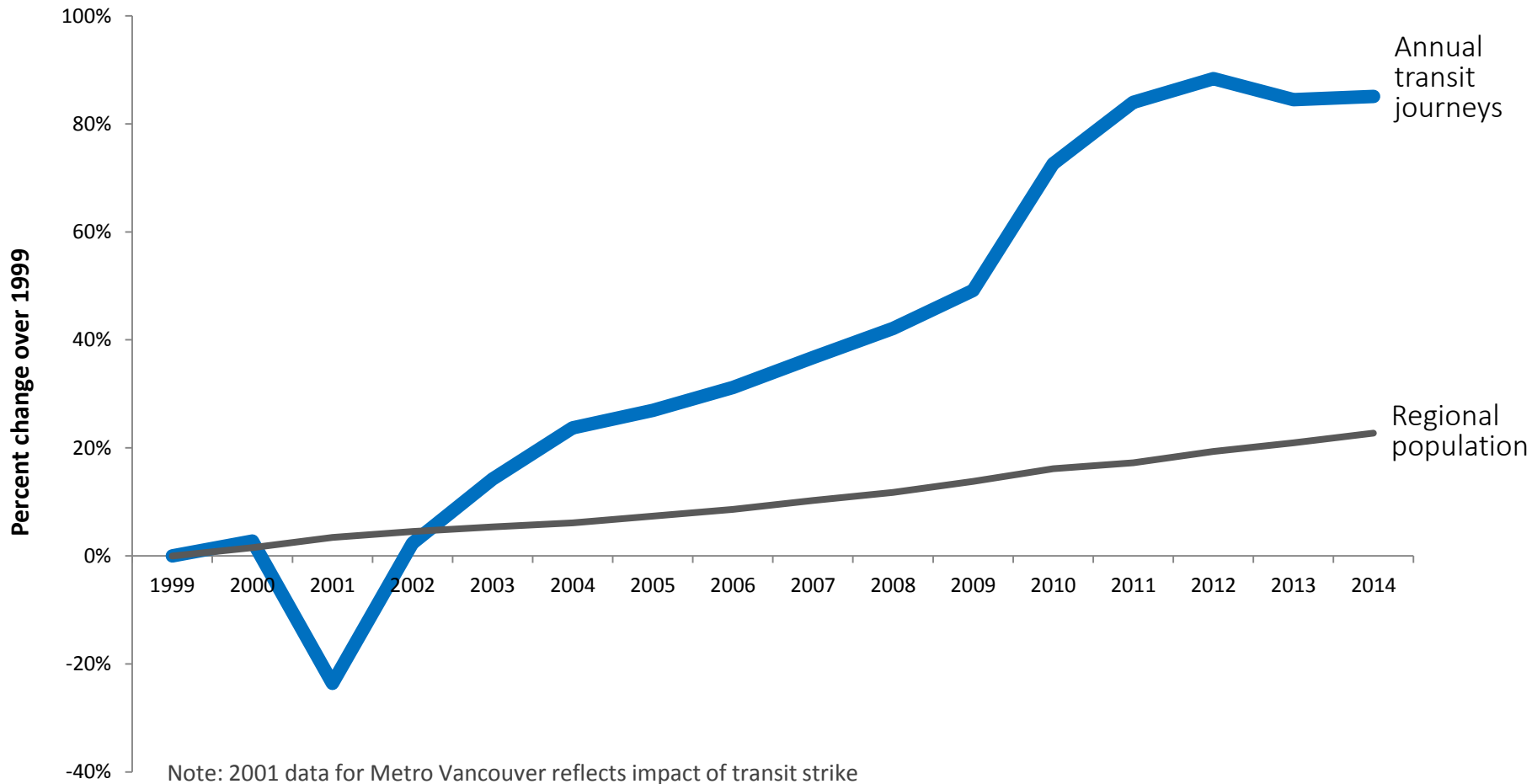
Sustainable transportation in Metro Vancouver is a success story



Source: 1996, 2001, 2006, 2011 Census

Note: 2001 data for Metro Vancouver reflects impact of transit strike

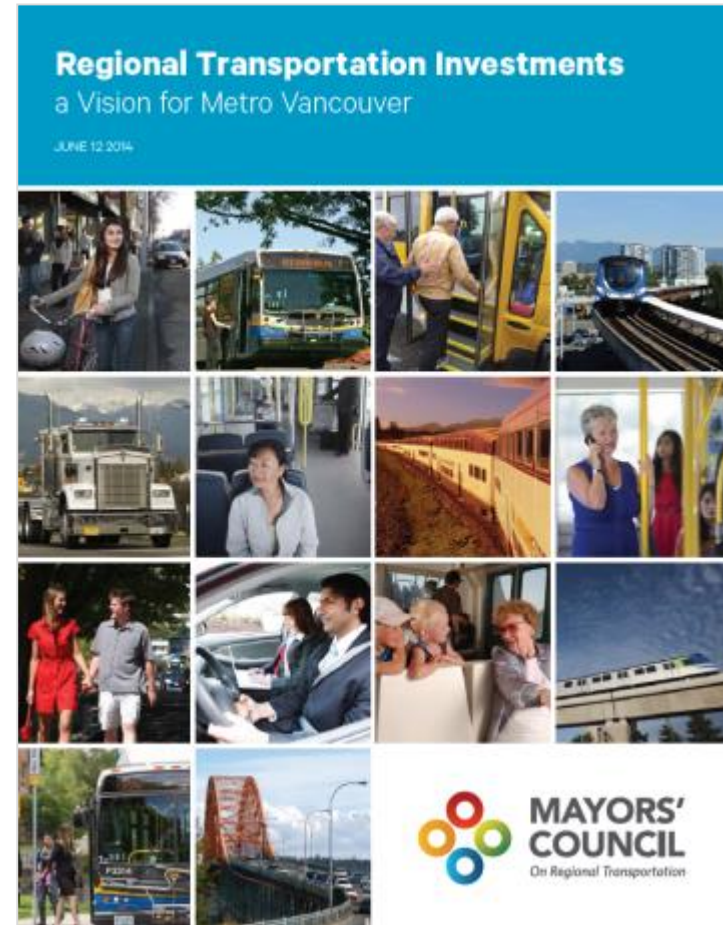
TransLink has nearly doubled transit ridership since 1999



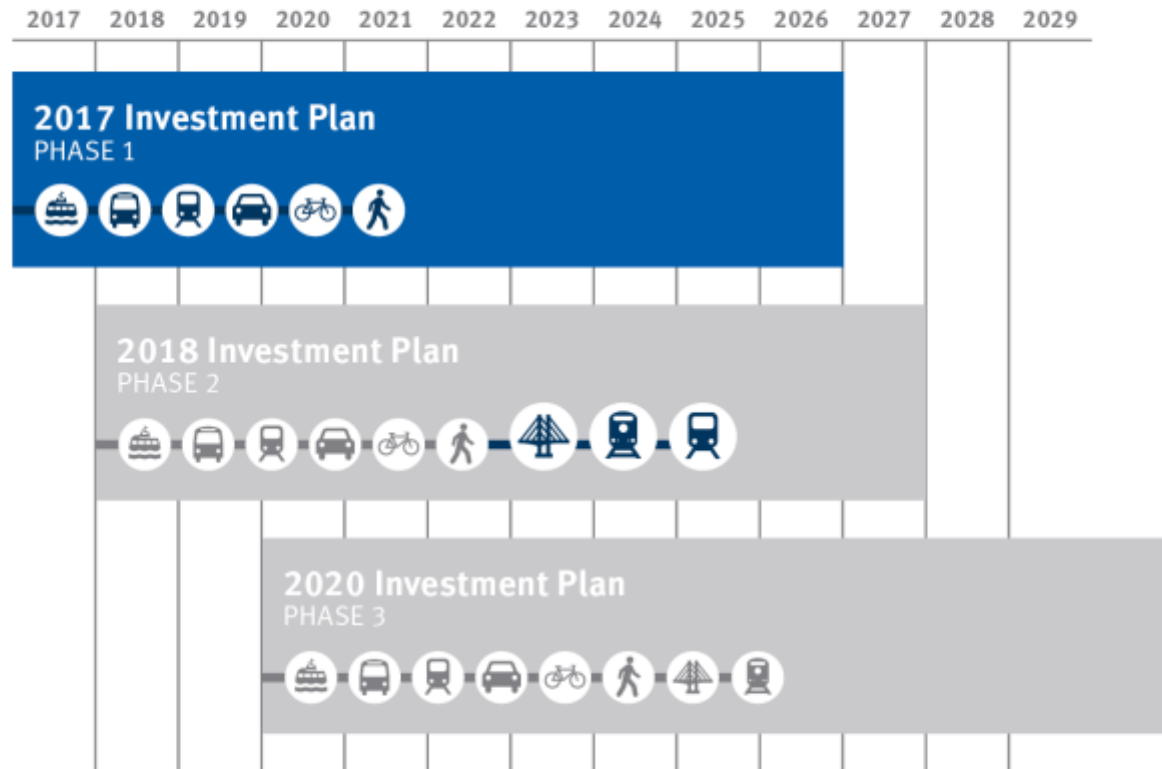
The 10-Year Vision is TransLink's blueprint for transportation investment

The 23-member Mayors' Council developed the 10-Year Vision in 2014, with guidance from the Regional Growth Strategy and Regional Transportation Strategy.

The TransLink Board has endorsed the 10-Year Vision as the blueprint for TransLink investments.



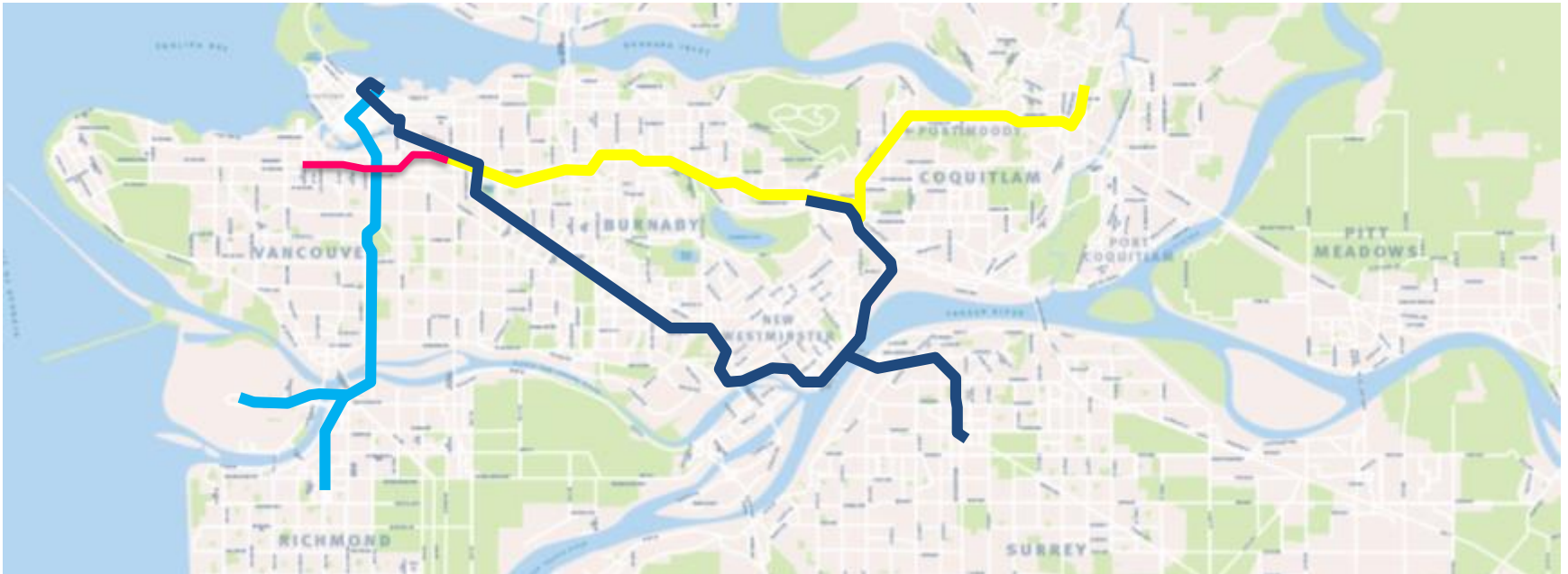
Implementing the 10-Year Vision in three phases



Millennium Line Broadway Extension

14

- A 5.6 kilometre extension of the SkyTrain Millennium Line to Central Vancouver, tunneled along Broadway



Millennium Line Broadway Extension – Milestones

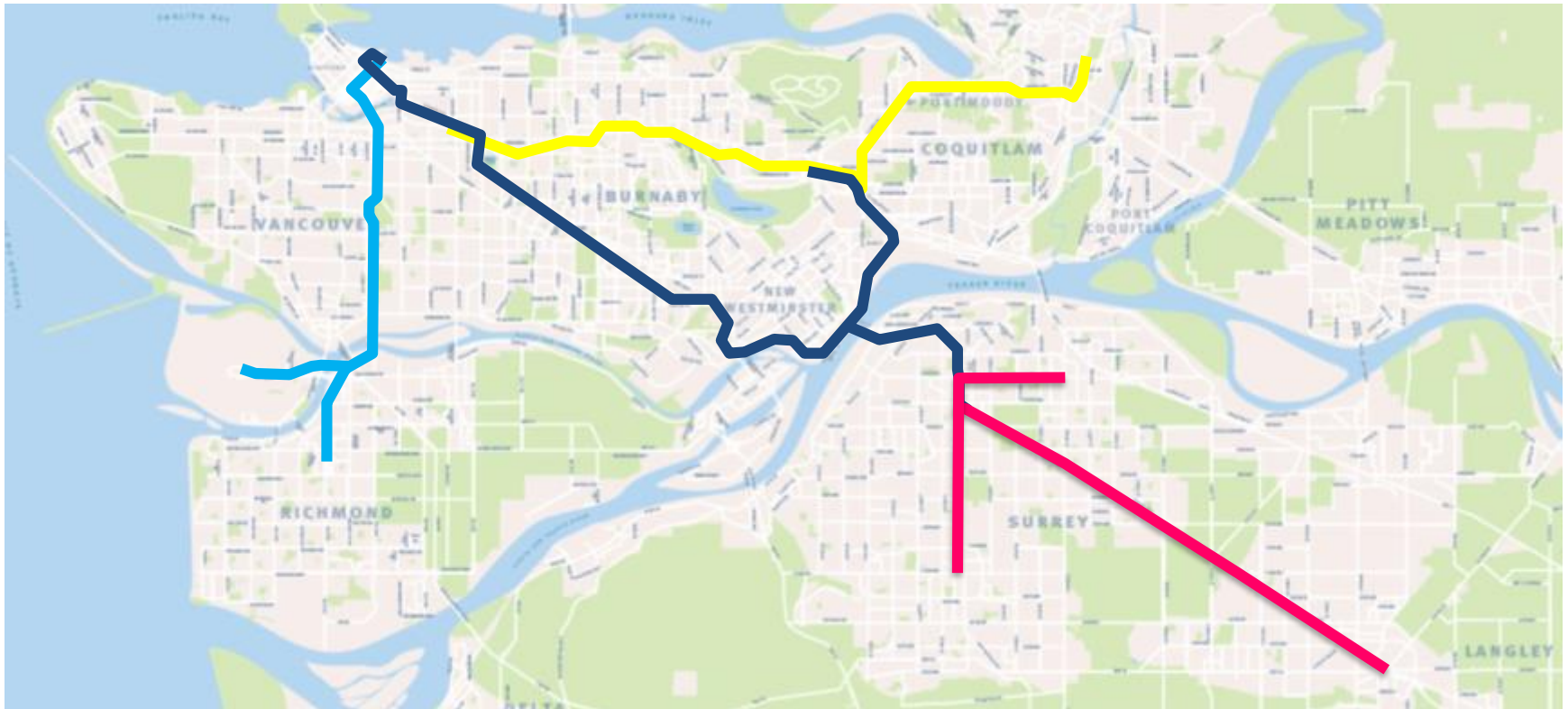
Reference design:	Draft complete
Senior gov't funding commitment:	Q4 2016 - Q2 2017
Earliest procurement start:	Q1 2018
Earliest construction start:	Q2 2019
Earliest in-service date:	Q2 2024



South of Fraser Rapid Transit

16

- Phase 1: Newton-Guildford light rail transit line
- Phase 2: Surrey to Langley light rail transit line



South of Fraser Rapid Transit – Milestones

Reference design:	Draft complete
Senior gov't funding commitment:	Q4 2016 - Q2 2017
Earliest procurement start:	Q1 2018
Earliest construction start:	Q2 2019
Earliest in-service date:	Q4 2022



Pattullo Bridge Replacement

18

- Pattullo Bridge was built in 1937 and designed for a 50-year life
- A critical connection for people, services, and goods in the region



Pattullo Bridge Replacement

Replace the existing and aging Pattullo Bridge with a new four-lane tolled bridge, as identified in the 10-Year Vision.

Work authorized to “procurement readiness” including:

- Project definition
- Business case
- Environmental assessment
- Third party agreements
- Strategic property acquisitions
- Draft RFQ, RFP, and project agreement



Artist rendering of a bridge concept. Final bridge concept is still to be developed.

Pattullo Bridge Replacement – Milestones

Reference design:	Complete
Connections consultation:	Underway
Senior gov't funding commitment:	Q4 2016 - Q2 2017
Earliest procurement start:	Q4 2017
Earliest construction start:	Q2 2019
Earliest in-service date:	Q4 2022

Thank You

Derrick Cheung
Jeff Busby

derrick.cheung@translink.ca
jeff.busby@translink.ca

TransLink
South Coast British Columbia Transportation Authority