The Richmond • Airport • Vancouver Line

Vancouver Board of Trade

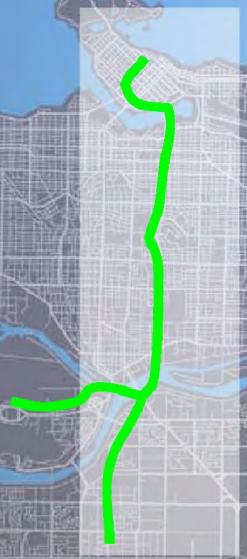
Presented by
John Eastman,
Senior VP – Technical RAV Project
February 23, 2005

Outline

- The Approved RAV Line
- Project Structure
- Current Status
- Schedule

The Approved RAV Line

The Corridor



- One of the busiest corridors in the region
- 1/3 of the region's jobs
- 20% of its population

TRANSLINK

BRITISH COLUMBIA
Ministry of Transportation

YVR

Canada

AR00151745

The Approved Line

- Automated Light Metro System
- 16 Stations
- $1.72 Billion
- Preferred Proponent: SNC-Lavalin/Serco

Richmond Segment
Travel Time – 6 mins
Peak Frequency - 6 mins

The Vancouver Segment

Cut & Cover Tunnel

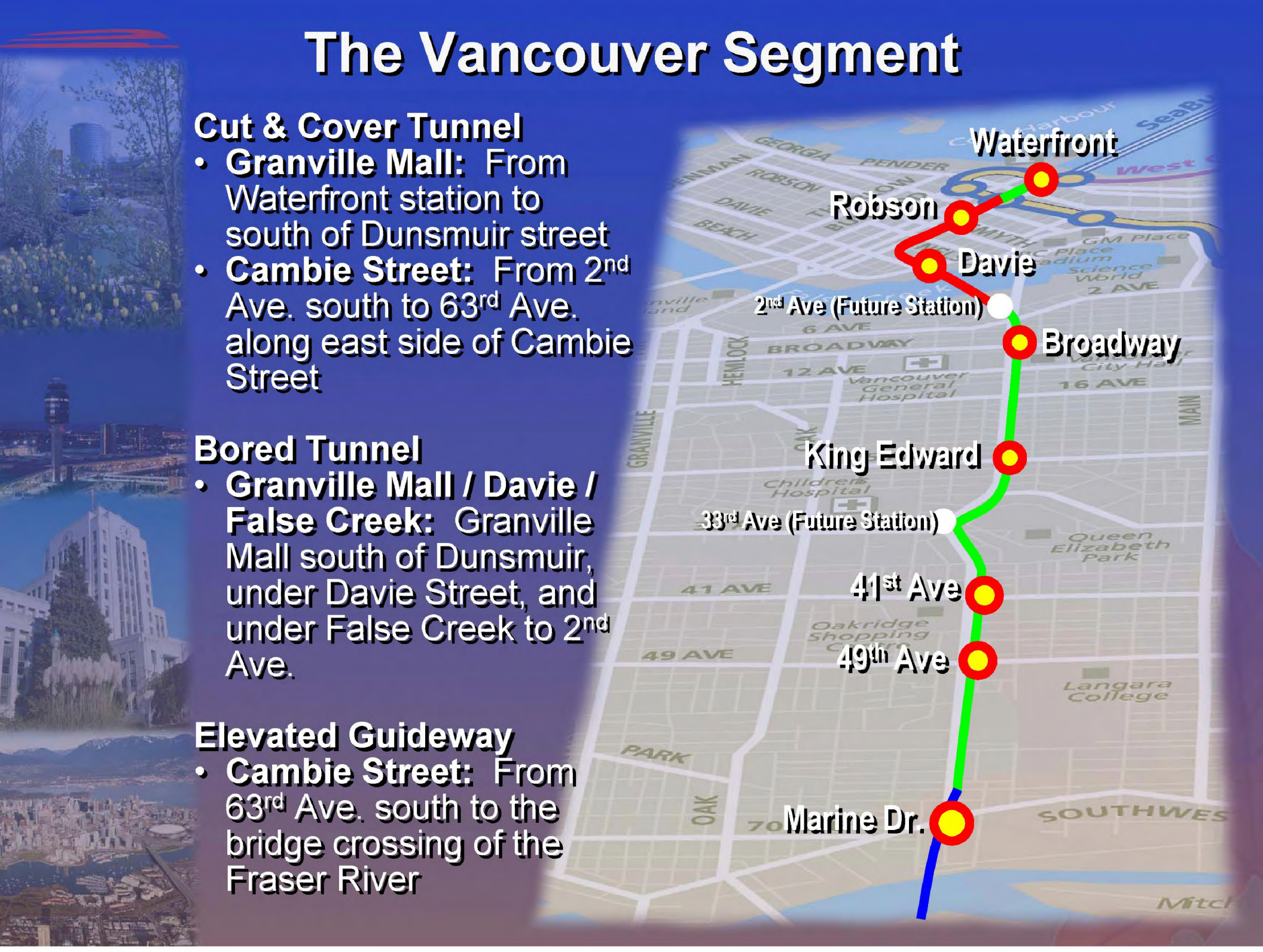
- **Granville Mall:** From Waterfront station to south of Dunsmuir street
- **Cambie Street:** From 2nd Ave. south to 63rd Ave. along east side of Cambie Street

Bored Tunnel

- **Granville Mall / Davie / False Creek:** Granville Mall south of Dunsmuir, under Davie Street, and under False Creek to 2nd Ave.

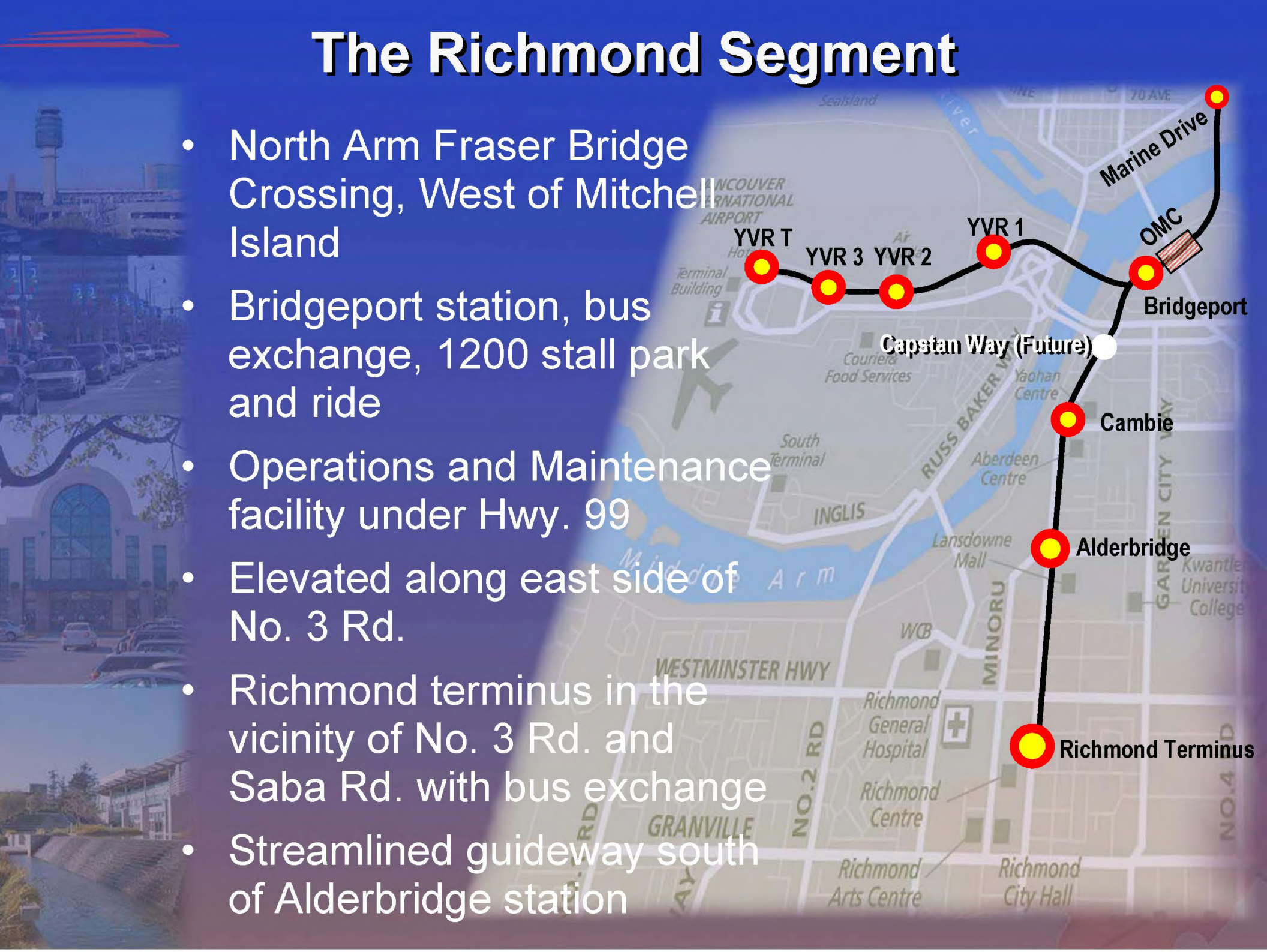
Elevated Guideway

- **Cambie Street:** From 63rd Ave. south to the bridge crossing of the Fraser River

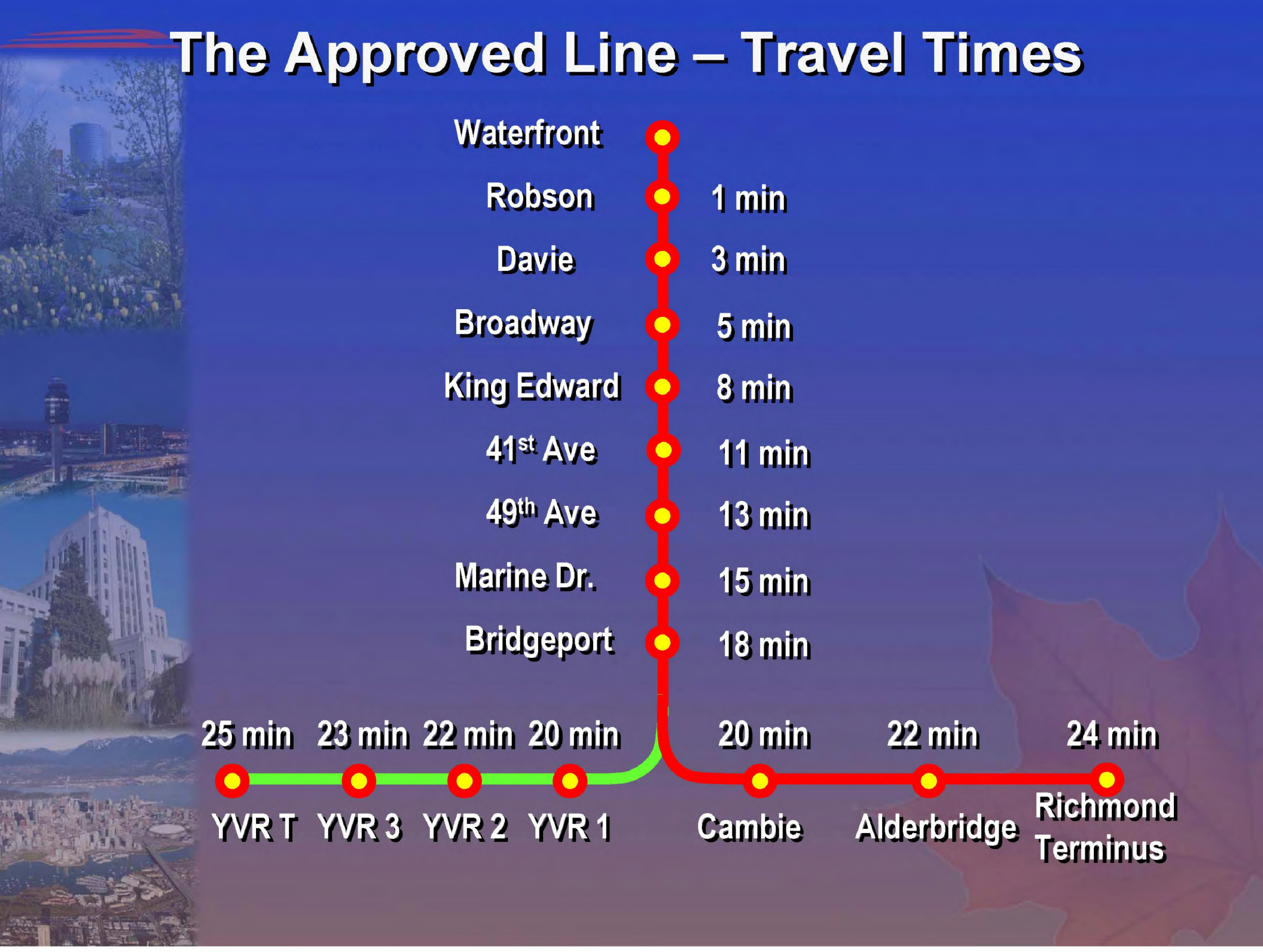


The Richmond Segment

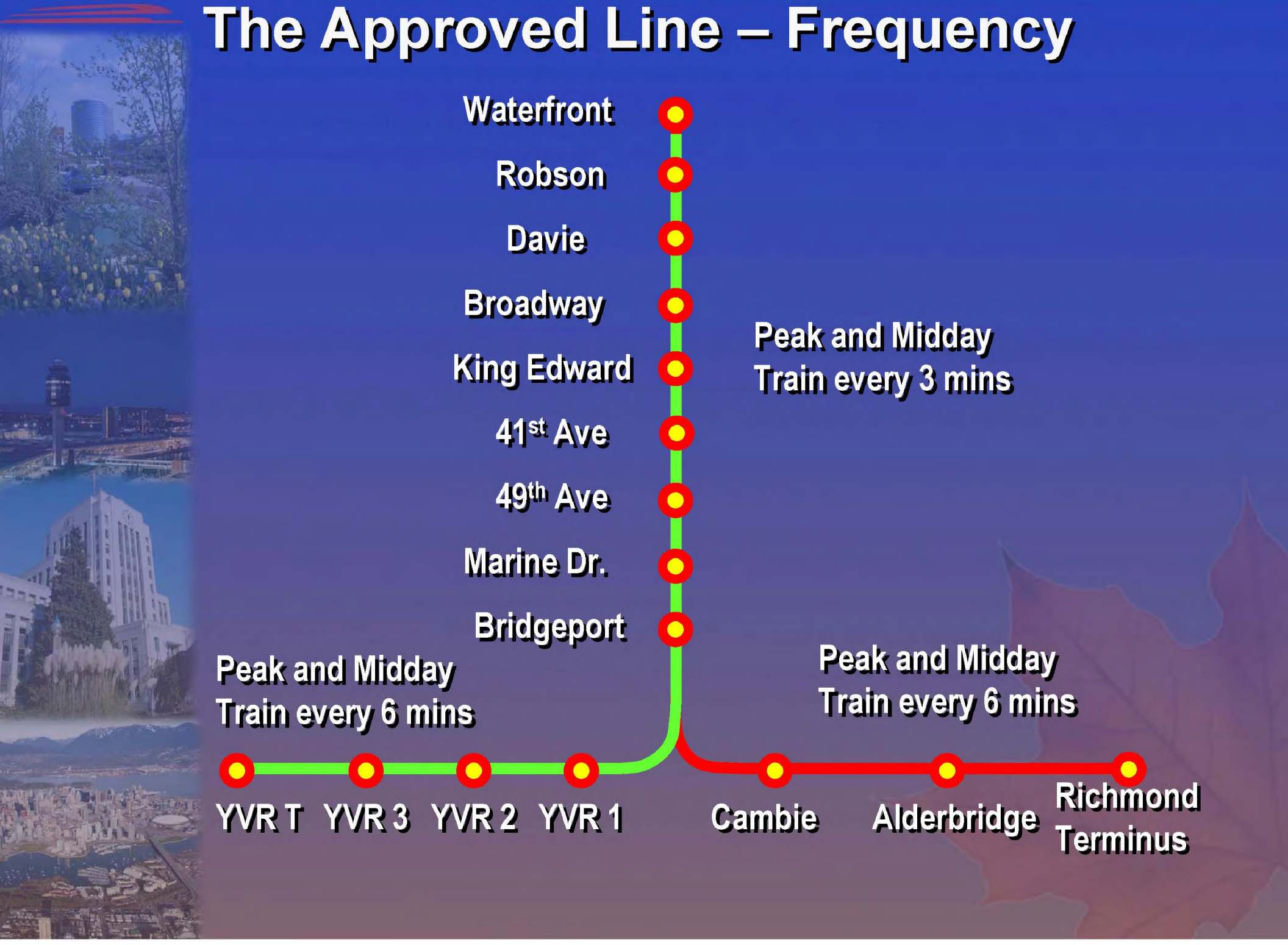
- North Arm Fraser Bridge Crossing, West of Mitchell Island
- Bridgeport station, bus exchange, 1200 stall park and ride
- Operations and Maintenance facility under Hwy. 99
- Elevated along east side of No. 3 Rd.
- Richmond terminus in the vicinity of No. 3 Rd. and Saba Rd. with bus exchange
- Streamlined guideway south of Alderbridge station



The Approved Line – Travel Times



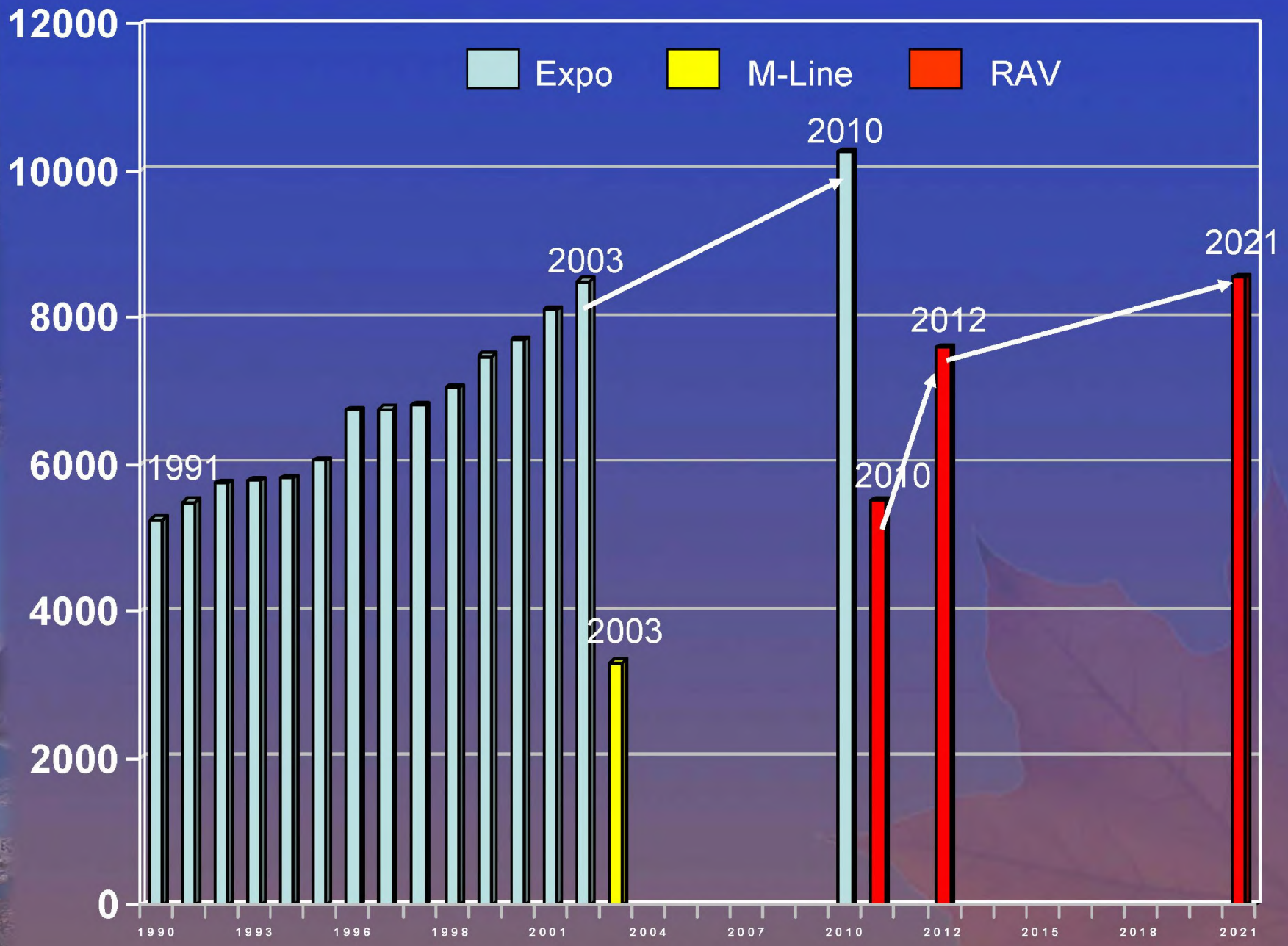
The Approved Line – Frequency



2010 Ridership and Revenue

	2010	2021
Annual Boards (mpa)		
Air passenger - normal service	1.6	2.2
Non-air passenger	36.4	42.4
Total	**38.0**	**44.6**
Annual Revenues ($M)		
Air passenger - normal service	3.7	5.0
Non-air passenger	42.8	49.8
Total	**46.5**	**54.8**

Average Passenger per Station



Project Structure

Structure

YVR

Greater Vancouver Transportation Authority (TransLink)

Province of BC

Richmond

Vancouver

RAV Co

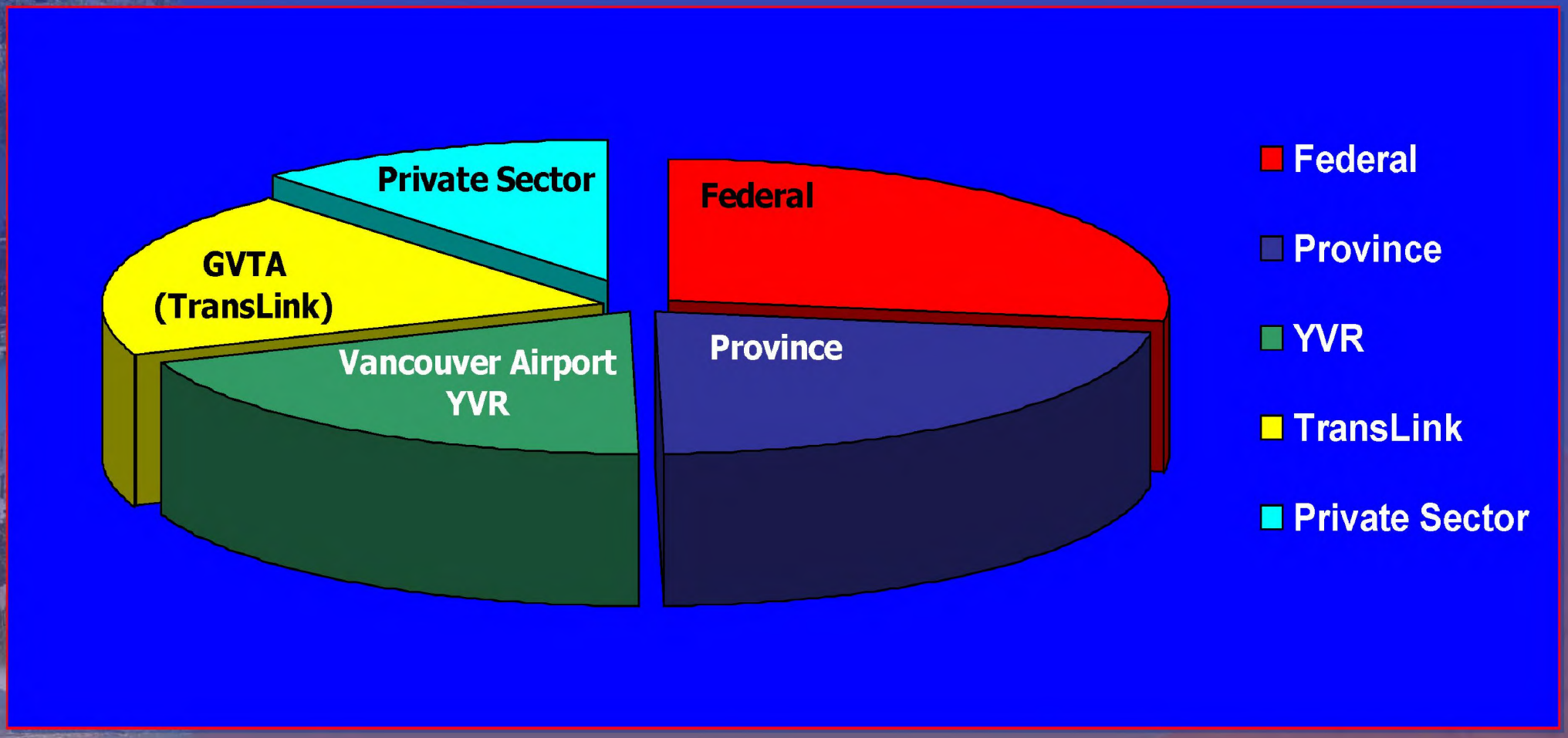
Funders

SNC-Lavalin / Serco

Construction Contract

Operating Contract

Funding


Private Sector
GVTA
(TransLink)
Vancouver Airport
YVR
Federal
Province
Federal
Province
YVR
TransLink
Private Sector

Current Status

Concession Agreement

- Proposal Stages Complete
- Preferred Proponent Selected - SNC – Lavalin / Serco
- Final Negotiations Ongoing

Environmental Assessment

- EAC Application Submitted
- Public Comment to 23 February 2005
- EAO & Ministerial Review
- EAC Issued – Target May 2005

Implementation

- Property Acquisition
- Early Design / Procurement
- Permitting / Approvals

Schedule

The Schedule

	2005	2006	2007	2008	2009
Finalize contract with SNC	◆ Mar.				
Acquire Right of Way					
Design Guideway and Stations					
Road & Utility Relocations					
Construct Bridge					
Construct Guideway and Stations					
Construct Tunnel					
Testing and Commissioning					
In Service					Nov. ◆

Questions?
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tango
Canadian
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