

## BACKGROUND

2008TRAN0006-000141  
Feb. 1, 2008

Ministry of Transportation  
TransLink

### **BUSINESS CASE RELEASED: ALRT TECHNOLOGY ON EVERGREEN LINE**

#### **Benefits of ALRT for Evergreen Line:**

The business case recommends ALRT for the Evergreen Line because it:

- will accommodate two and a half times the ridership of LRT (2021), ensuring it will meet current and future demand and support the Provincial Transit Plan goal of doubling ridership by 2020;
- will enable faster travel time – almost half the time from Coquitlam Town Centre to Lougheed Town Centre (12.6 minutes versus 23.6 minutes for LRT on the Northwest route, for example);
- has more frequent schedules – every three minutes versus five minutes for LRT;
- will easily integrate with the current rapid transit system, notably the Millennium Line.

#### **Route Description**

- Northwest Route from Lougheed Station, elevated on North Road to Burquitlam, then tunnelled to Port Moody where it runs at-grade parallel to the Canadian Pacific Rail right-of-way to Coquitlam West Coast Express Station, then elevated on Pinetree terminating near Douglas College in Coquitlam.
- Southeast Route from Lougheed Station, elevated on the south/east side of Lougheed Highway to Coquitlam West Coast Express Station, continuing north on Pinetree terminating near Douglas College in Coquitlam.

#### **Capital and Operating Costs**

COSTS (2007 dollars)	NW CORRIDOR		SE CORRIDOR	
	ALRT	LRT	ALRT	LRT
Capital Costs	\$1.4 billion	\$1.25 billion	\$1.4 billion	\$1.1 billion
Annual Operation & Maintenance Costs	\$10.2 million	\$15.3 million	\$10.8 million	\$15.1 million
Operating Cost per Passenger (at 2021)	\$0.45	\$1.70	\$0.48	\$1.49

### Summary of Alternative Frequency, Capacity and Operating Speed

	ALRT	LRT
Frequency: time between trains (minutes)	3.0	5.0
Maximum Operating Speed (km/hr)	80	60
Peak Hour Capacity (2021)	10,400	4,080

### Summary of Route and Technology Characteristics

	NW CORRIDOR		SE CORRIDOR	
	ALRT	LRT	ALRT	LRT
Total Distance (kilometres)	10.9	11.2	12.6	12.6
Total Travel Time (minutes)	12.6	23.6	14.8	17.7
Annual Riders (000's – 2021)	22,900	9,000	22,500	10,300

Media contact: Jeff Knight  
Public Affairs Bureau  
Ministry of Transportation  
250 356-7707

Ken Hardie  
TransLink  
604 453-4606

For more information on government services or to subscribe to the Province's news feeds using RSS, visit the Province's website at [www.gov.bc.ca](http://www.gov.bc.ca).