

Canada Line



Project Overview

Canada Line is a \$2 billion, 19.5 kilometre-long rail rapid transit line connecting downtown Vancouver, central Broadway, Richmond and Vancouver International Airport.

The transportation corridor connecting downtown Vancouver with downtown Richmond is one of the busiest in Greater Vancouver and home to one-third of the region's jobs and 20 per cent of its population.

Canada Line provides efficient, fast, reliable transportation, addresses congestion and boosts our cities' livability, sustainability and economic competitiveness.

The projected employment and population growth will further burden existing transportation infrastructure, impacting not only our economy and environment, but also our quality of life.

The Canada Line provides additional transportation capacity equivalent to 10 major road lanes in a dense, developed corridor where expanding roads and bridges is neither practical nor desirable.

The Canada Line project consists of:

- An underground tunnel from Waterfront Station in downtown Vancouver going south under Granville Street, Davie Street, False Creek, and Cambie Street to south of 64th Avenue;
- An elevated guideway climbing from south of 64th Avenue across the Fraser River to Bridgeport Station in Richmond, and continuing west to Sea Island and

“The Canada Line represents an unprecedented investment by both the public and private sectors, in sustainable transportation and sustainable cities. Given the current economic climate in the Lower Mainland, Canada Line's P3 structure is the right model, in the right place at the right time. It will provide protection for the public from cost overruns and deliver quality rapid transit service when the Line begins operation in 2009.”

– Jane Bird, CEO, Canada Line Rapid Transit

Vancouver International Airport and south to central Richmond along the east side of No. 3 Road;

- A park-and-ride facility at the Bridgeport Station and bus exchanges at Bridgeport, Marine Drive and Richmond-Brighouse Stations; and
- A total of 16 stations along the 19.5-kilometre route: four in Richmond, three on Sea Island and nine in Vancouver.

Partnership Highlights

Canada Line is being delivered through a 35-year Design-Build-Finance-Operate public private partnership. InTransitBC designed, constructed, and partially financed the system, owns the train vehicles, and will operate and maintain the Line under an operating license from the Greater Vancouver Transportation Authority through to the end of the agreement.

The Greater Vancouver Transportation Authority owns the line, collects all fare revenues and will continue to set system-wide transportation policies and fare levels.

During the construction period, InTransitBC was paid after achieving identified milestones. During the operating period, payments will be made to InTransitBC for the achievement of performance targets that measure, for example, train frequency, safety, cleanliness and ridership.

The majority of the construction cost, operating cost and maintenance risks have been allocated to InTransitBC.

The Greater Vancouver Transportation Authority retains the majority of ridership revenue risk because it markets the system, sets fares and controls bus service to support the line.

Expected Benefits

By entering into a partnership between the Government of Canada, the Province, the Greater Vancouver Transportation Authority, the City of Vancouver, the Vancouver International Airport Authority and InTransitBC, Canada Line Rapid Transit Inc. expects to achieve \$92 million (NPV) in savings, compared to a project solely delivered by the public sector.

This project demonstrates value for money because:

- The procurement process was fair and competitive and delivered a good outcome in the form of a Concession Agreement that efficiently and effectively allocated risk;
- The project is expected to have lower net costs than the public sector comparator;
- The project is being delivered through a performance-based contract; and
- This approach ensures that funding agencies and the public benefit from private sector capital, innovation and efficiency as well as from the private sector's interest in a successful system over the long term.

Public Sector Partners

- Government of Canada
- Ministry of Transportation and Infrastructure, Province of British Columbia
- Greater Vancouver Transportation Authority
- City of Vancouver
- Vancouver International Airport Authority

Private Sector Partner

InTransitBC, a company owned by:

- SNC-Lavalin Inc.
- B.C. Investment Management Corporation
- Caisse de depot et placement du Quebec

Partnerships BC's Role

Partnerships BC acted as the business adviser to the Province of British Columbia on this project.