The Olympic Line
Vancouver’s 2010 Streetcar

January 21 - March 21, 2010

Staging an Olympic Games

* The biggest event in Vancouver’s history
* A new Olympic transportation system sharing our road network
* Unique Games environment
* Temporary traffic changes for up to 60 days
* Increased Demand of 30%
* Reduced Road Capacity of 20%
The Olympic Line - Vancouver’s 2010 Streetcar

- Modern streetcar service between:
  Olympic Village at Canada Line station and Granville Island
- Operational from January 21st to March 21st, 2010

Bombardier and the XXI Olympic Winter Games

- Official Supporter of 2010 Vancouver Olympic and Paralympic Games
- Official designer and manufacturer of Olympic torch
- Partner with the City of Vancouver for the Olympic Line Streetcar Demonstration
Olympic Line: Investment Partners

**CITY OF VANCOUVER**

- Provision of track infrastructure & maintenance
- Provision of 2 FLEXITY vehicles & O&M services

**BOMBARDIER**

- Canada Mortgage & Housing Corporation (CMHC)
  - Funding for infrastructure
- Brussels Transport Company (STIB)
  - Loan of 2 FLEXITY vehicles

**Bringing Back the Streetcar**

- For almost 70 years, Vancouver had an extensive electric streetcar network
Vision for Downtown Streetcar

- Modern, high quality, fully accessible transit system
- To support land-use Downtown with less need for vehicles
- Fully integrated with the regional public transportation network

The Olympic Line is a First Step

- A modern and exciting transit experience for Vancouver residents and visitors
- An important first step in realizing the City of Vancouver’s vision for the future of the streetcar – a clean, sustainable public transit option for which the day has once again come.
Downtown Streetcar Alignments

Legend
- Granville Island to Science World
- Chinatown & Gastown Extension
- Stanley Park Extension
- Pacific Boulevard Extension
- Streetcar Stations
- Maintenance Facility

Vision for a Demonstration Project in 2010

- Replace the Downtown Historic Railway track infrastructure ($8.5M) between Granville Island and the new Canada Line
- Stage a Demonstration Project during the 2010 Winter Games
Reconstruction of Tracks

Meet Vancouver’s 2010 Olympic Line Streetcar
Meet Vancouver’s 2010 Olympic Line Streetcar

Brussels Streetcar – Exterior Design
Brussels Streetcar – Interior Design

- Uses materials such as wood, stainless steel and leather
- Comfortable, unified style to attract new riders
- Large windows

FLEXITY Vehicle Statistics

<table>
<thead>
<tr>
<th>Model</th>
<th>bi-directional</th>
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<tbody>
<tr>
<td>Length of vehicle</td>
<td>32 m</td>
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<tr>
<td>Height</td>
<td>3.4 m</td>
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<tr>
<td>Width</td>
<td>2.3 m</td>
</tr>
<tr>
<td>Percentage of low-floor area</td>
<td>100%</td>
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<tr>
<td>Electric double-sliding doors</td>
<td>5 per side</td>
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<tr>
<td>Door clearance width</td>
<td>1,300 mm</td>
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<tr>
<td>Electric single-sliding doors</td>
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<tr>
<td>Door clearance width</td>
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<tr>
<td>Aisle width</td>
<td>630 mm</td>
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<tr>
<td>Maximum speed</td>
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<tr>
<td>Passenger capacity</td>
<td>178</td>
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<tr>
<td>Seated passengers</td>
<td>50</td>
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<tr>
<td>Standing passengers (4 pass./m²)</td>
<td>128</td>
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<tr>
<td>Bicycle, pram and wheelchair locations</td>
<td>2</td>
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</table>
High Performer: BOMBARDIER
BRUSSELS FLEXITY

- Enhanced passenger comfort
- High ride quality
- Low noise
- Air conditioning
- Improved energy efficiency

Operational Data

- 60 days of demonstration operation:
  - January 21 - March 21, 2010
- Free service to the public:
  - 18 hours per day, 7 days per week
- Anticipated ridership: 500,000+ passengers
- Two streetcars in single track operation with passing lane
- 2 stations – Granville Island and Canada Line Olympic Village
- 1.8 km of track
- Operation at 6 to 7-minute headways
- Capacity of 1,500 pphpd
Key Dates

- November 3, 2009 – Streetcars depart Europe on ship
- December 08, 2009 – Delivery of the streetcars to Vancouver
- December 09, 2009 to January 20, 2010 – Testing and commissioning of the streetcars on the Olympic Line
- January 21, 2010 – Official Opening of the Olympic Line
- January 21, 2010 to March 21, 2010 – Olympic Line operation