

Project Fact Sheet

The Port Mann/Highway 1 Improvement (PMH1) Project is part of the B.C. Ministry of Transportation and Infrastructure's Gateway Program. The Gateway Program is made up of three major infrastructure projects that will improve roads and bridges for people, goods and transit throughout Metro Vancouver.

PMH1 Project construction began in August 2008 and is expected to be complete by December 2013, with the new bridge operational by December 2012. The project includes three important components:

1. Construction of a new 10-lane Port Mann Bridge

The new Port Mann Bridge will replace the existing 5-lane crossing. It will be 2.2 kilometers long, 50 meters wide and will have 42 meters clearance above the high water level (bridge length and clearance are the same as the existing Port Mann Bridge).

The new bridge will have three components:

- A cable-stayed main bridge across the Fraser River (850 meters)
- South approach, Surrey (360 meters)
- North approach, Coquitlam (820 meters).

2. Widening of Highway 1

Approximately 37 kilometers of Highway 1 will be widened from the McGill Street Interchange in Vancouver to 216th Street in Langley.

- **West of the Port Mann Bridge** - one additional lane will be added in each direction (total of three in each direction when completed)
- **East of the Port Mann Bridge** - two additional lanes in each direction will be built to 200th Street, allowing one lane in each direction for High Occu-



Surrey - The new bridge abutment construction area, adjacent to the existing Port Mann Bridge.

pancy Vehicles (total of four lanes in each direction). Between 200th Street and 216th Street, one additional lane is planned in each direction (total of three lanes in each direction).

3. Upgrading Interchanges and Improving Access and Safety

- 16 new structures will be constructed or rebuilt at the Cape Horn Interchange
- Seven Highway 1 overpasses are being widened (1st Avenue, Lougheed Highway, BNSF Railway near Boundary Road and BNSF near Cariboo Road, Boundary Road, Brunette River and North Road)
- Eight Highway 1 interchanges are being replaced (Willingdon Avenue, Sprott Street, Kensington Avenue, Gaglardi Way, Cariboo Road, 152nd Street, 160th Street and 176th Street)
- New special purpose ramps at five locations:
 - HOV ramps at Grandview Highway (Vancouver)
 - Transit-only ramps at Government Street to connect to the Lougheed Town Centre Station (Burnaby)
 - Truck-only ramps to United Boulevard/Pacific Reach (Coquitlam)
 - Transit/HOV ramps at 156th Street (Surrey)
 - Transit-only ramps at 202nd Street (Langley).

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Project Delivery

Transportation Investment Corporation (TI Corp), a Provincial Crown Corporation, will oversee and deliver the PMH1 Project, with Kiewit-Flatiron General Partnership as the design-build contractor. This structure maintains government oversight, ensures that tolls will go toward paying for the project, and that costs associated with construction delays, if any, are the responsibility of the contractor.

Employment Facts

- Approximately 8,000 person years of employment are needed to complete the project
- Kiewit/Flatiron General Partnership is locally-based and committed to hiring workers from the Lower Mainland. Currently, there are about 1,150 staff, craft workers, designers and subcontractors working on the project, of which about 1,050 are from the Lower Mainland. Additional jobs will go to subcontractors, most of whom will be locally based.

Port Mann Bridge Facts

- The Port Mann Bridge has the highest traffic volumes per lane among all major water crossings in Vancouver, carrying approximately 127,000 vehicles per day
- The original 4-lane bridge (now 5 lanes) was built in 1964 when the population of Greater Vancouver was 800,000. Today, with a population of more than 2.1 million, the bridge is congested for around 13 hours a day.

Contact Us

For up-to-date information on traffic and construction, or to sign up for project updates, please contact the project team:

24-Hour Call Centre: 1-866-999-PMH1 (7641)

E-mail: info@pmh1project.com

Web: www.pmh1project.com



Artist's rendering of the new Port Mann Bridge.

Project Benefits

In keeping with the *Provincial Transit Plan* and commitment to alternative transportation, the project includes a number of benefits:

- Reduced congestion on Highway 1, especially during peak periods, achieved through; widening the highway; extensions to HOV lanes; transit and commercial vehicle priority access measures; and a new, wider Port Mann Bridge
- Safer, more efficient highway on and off-ramps, improved connections, and improved cross-highway movements
- Improvements for all modes of transportation, including new and improved cycling routes; transit on the bridge for the first time in more than 20 years; and the accommodation of future light rail transit on the new bridge
- A new Highway 1 RapidBus service - a joint initiative of the Province and TransLink, with services between Langley and Burnaby taking less than 25 minutes
- Improved access to local population and employment centres
- Improved travel time reliability.