PMH1 Project Overall Construction Schedule

Summer 2011	Fall/Winter 2011	2012	2013

1 Vancouver - Burnaby (15km)

Summer 2011

- Highway 1 widening and lane reconstruction between 1st Avenue and Boundary Road continues
- Construction of Willingdon Avenue and Gaglardi Way overpasses continues
- Construction of Sprott Street and Kensington Avenue overpasses continues
- Construction of new highway lanes between the Cassiar tunnel and Kensington Avenue continues
- Construction for future Grandview Highway HOV ramps continues
- Highway widening over Brunette River and North Road begins
- Highway widening over the BNSF railway between Cariboo Road and North Road begins
- Environmental habitat improvements at Deer Lake Brook begins (Kensington Avenue interchange) Replacement of Railway and Boundary Road underpasses continues
- Construction of new fish and wildlife culverts across Highway 1 between Kensington Avenue and Gaglardi Way begins

Fall/Winter 2011

- Construction of a new railway overpass near Boundary Road continues
- Work continues on a new Boundary Road westbound on-ramp
- Work continues on a railway overpass east of Gaglardi Way

Girders for the new Kensington Avenue overpass installed

2012

- Complete Highway 1 widening and lane reconstruction between 1st Avenue and Boundary Road
- Construct new transit-only ramps to access Lougheed Town Centre SkyTrain Station at Government Street
- Complete Willingdon Avenue interchange and overpass replacement and begin environmental improvements at Still Creek
- Complete the new Kensington Avenue interchange and remove the existing overpass
- Complete final paving of new lanes

***MILESTONE**

Majority of construction activities complete

2013

- Complete transit-only ramps at Government Street

Artist's rendering of the new Port Mann Bridge

2 Coquitlam - Cape Horn (4km)

Summer 2011

- North portion of ramp between the Port Mann Bridge and Lougheed Highway eastbound connection complete
- Construction of the north approach to King Edward Street complete
- Realignment of United Boulevard between Schooner Street and Leeder Street begins
- Widening of Mary Hill Bypass between United Boulevard and Coquitlam River begins
- Continued work on CP Rail overpass
- Construction on the Brunette Avenue interchange begins
- Complete new Lougheed Highway retaining wall
- Construct Mary Hill Bypass structure over United Boulevard

Fall/Winter 2011

- Relocate CP Rail track to just south of its current location
- Ramp connecting Lougheed Highway to Highway 1 eastbound and Mary Hill Bypass complete
- Continued work on CP Rail overpass
- Construct the Mary Hill Bypass to Highway 1 on-ramp over United Boulevard

Work underway in Cape Horn

2012

- Complete Highway 1 widening and connections to the new Port Mann Bridge and Lougheed Highway
- Complete commercial vehicle only ramps at Fawcett Road

CP Rail bridge takes Highway 1 traffic over the railway

2013

- All construction on Lougheed Highway, Mary Hill Bypass and all remaining structures in the Cape Horn Interchange complete
- Brunette Avenue interchange complete

3 New Port Mann Bridge (2.2km)

Summer 2011

- North approach bridge deck (precast concrete segments) Installation continues
- Continue hanging structural steel bridge deck sections and cables from both bridge towers

Fall/Winter 2011

- Continue hanging North approach bridge deck (precast concrete segments)
- Continue hanging bridge structural steel deck sections and cables for the new bridge

Cables begin to be hung on the south tower of the new Port Mann Bridge

2012

- North tower structural steel bridge deck and cables complete
- South tower structural steel bridge deck and cables complete
- North approach bridge deck (precast concrete segments) complete (8 lanes)
- Surfacing and paving begins
- Open new bridge with 8 lanes of traffic including HOV

***MILESTONE**

Bridge opens to traffic, travel time savings and tolling begin

2013

- Remove portions of the old Port Mann Bridge and complete construction of 10-lane approach spans for the new bridge
- Open remaining two lanes of new bridge and commence new traffic configuration with 3 through lanes (including 1 HOV), as well as 2 local connection lanes in each direction
- Complete removal of existing bridge (2014)

***MILESTONE**

All 10 lanes of new bridge open for use

4 Surrey - Langley Section (16km)

Summer 2011

- Construction of all new ramps and overpasses continues
- Continue construction of the new local-connection lanes from the Port Mann Bridge to west of 156 Street
- Continue construction of the new 176 Street overpass
- Preloading for the Fraser Heights Connector continues
- Fraser Heights Bridge piling continues
- Construct and pave the new Highway 1 lanes between 168 and 192 Street

Fall/Winter 2011

- The new Barnston Drive overpass opens to traffic
- Construction of the Highway 1 eastbound lanes and 152 off-ramps continue
- Construction of the new 156 Street retaining walls and 156 HOV/transit ramp work continues
- Fraser Heights Connector road work begins

2012

- Complete highway work on both mainline Highway 1 and local-connection lanes
- Complete reconstruction of the 152 Street Interchange and 156 Street median HOV/transit ramps
- Complete improvements to the 160 Street and 176 Street Interchanges
- Remove old overpasses at 152 Street, 160 Street and 176 Street
- Complete Fraser Heights Connector paving including road work linking to the Fraser Heights Bridge.

2013

- Construction complete, including landscaping.

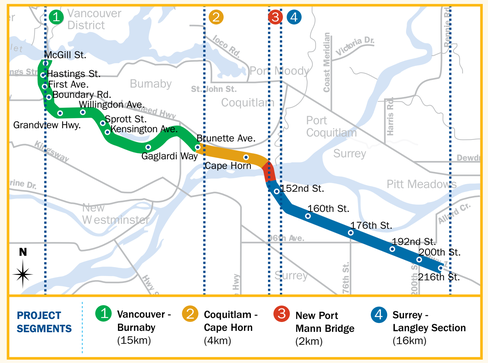
5 202 Street Park and Ride

Summer 2011

- Construction continues for the new HOV on-and off -ramps
- Clearing and excavation for Park & Ride facility on the south side of Highway continues
- Construction of retaining walls to support new ramps and overpass to continue
- Construction of 202 Street between 86 Avenue and Highway 1 begins
- Grading and aligning of the westbound Highway 1 lanes and new westbound HOV/transit ramps underway
- Reconstruction of Highway 1 eastbound lanes underway
- Construction of the eastbound overpass begins

Fall/Winter 2011

- Construction of a storm water collection pond and wetland area will begin, including a new wildlife habitat area connected to Latimer Creek

2012

- Highway 1 eastbound lanes completed
- 202 Street running under Highway 1 and connecting to the highway on-and off-ramps and 88 Avenue constructed
- 202 Street to the south of Highway 1 complete
- Upgrades to 86 Avenue, including paving, lighting and landscaping
- The median retaining walls, HOV/transit on- and off -ramps, eastbound overpass and Park & Ride facility complete
- Open to traffic late 2012