Pattullo Bridge Replacement Project

engage.gov.bc.ca/pattullobridge
Priority Need for a New Pattullo Bridge

Strategically located between the Port Mann and Alex Fraser/Queensborough bridges, the Pattullo Bridge provides a direct connection between New Westminster and Surrey. The central location of the bridge makes it a vital link in the regional transportation network for people, goods and services.

Opened in 1937, the 80-year-old structure does not meet modern design standards and would be at risk in the event of a moderate earthquake or ship collision. Its piers are at risk of being undermined by river scour and many bridge components have surpassed their useful lives.

Existing sidewalks, barriers and connections for pedestrians and cyclists do not provide the level of protection from traffic that a newer bridge would provide.

A regular maintenance program has extended the existing bridge’s lifespan but escalating efforts to prolong its use are no longer cost effective. An assessment of maintenance needs has revealed that upgrading the existing bridge to meet modern safety standards would be extremely challenging, both technically and financially.

Replacing the existing bridge is essential for maintaining a critical river crossing for both people and goods between the cities of New Westminster and Surrey.
Pattullo Bridge Replacement Project Overview

The Pattullo Bridge is a key connection between the communities of Surrey and New Westminster.

The new four-lane bridge will provide important improvements for everyone using the bridge, including people who are driving, cycling or walking, as well as communities on either side of the bridge:

- A safer crossing for all bridge users with modern, wider lanes, separated by a centre median barrier
- Dedicated walking and cycling lanes, separated from traffic by a barrier on both sides of the bridge
- Better connections to, from and near the bridge

Construction will begin in 2019 and the new bridge will open in 2023. The Project will cost $1.377 billion and be delivered, funded and owned by the Province of B.C.

For more information, visit engage.gov.bc.ca/pattullobridge
A New Pattullo Bridge

Three general goals guide the Project:

- **Provide a structurally sound bridge crossing** to maintain a critical local and regional connection;

- **Improve safety for all users** with modern lane widths, road curvature, centre median and separated pedestrian and cycling lanes; and

- **Improve connectivity, reliability and modal choice** while supporting environmental objectives.

The new bridge will be located just north and upstream of the existing bridge and will connect to the existing road network in New Westminster and Surrey. Constructing a new bridge next to the existing bridge will allow the existing bridge to continue operating until the new one is open. Once the new bridge is open, the existing bridge will be removed.

Bridge Connections

The project will also improve connections to regional road networks and cycling and walking paths on either side of the bridge.

In New Westminster, the new bridge will continue to connect directly to McBride Boulevard and new direct ramps will connect the bridge to East Columbia Street.

In Surrey, the new bridge will continue to connect directly to King George Boulevard, and a new off ramp will connect the bridge to westbound Highway 17.

In addition, Highway 17 will be grade-separated over Old Yale Road.

These new connections will reduce the reliance on local residential streets to access the bridge.
Artist's rendering of the walking and cycling lane on the new proposed Pattullo Bridge.
**COMPLETED:**
- Strategic Review narrowed 25 location and lane options to two
- Determined new bridge upstream of existing crossing location
- Mayors’ Council’s agreement to build a 4-lane bridge, potentially expandable to 6 lanes in the future

**COMPLETED:**
- Improved connections for vehicles, cyclists and pedestrians in New Westminster and Surrey
- New direct connections to E. Columbia Street and westbound Hwy 17
- Protected pedestrian and cyclist paths on both sides of the bridge
- Developed a Project concept

**COMPLETED:**
- BCEAO and VFPA defined requirements for a harmonized environmental review process
- Conducted baseline studies on key areas of interest
- First Public Comment Period
- Conducted assessment of potential effects of the new bridge
- Submitted an application for an Environmental Assessment Certificate
- BCEAO and VFPA acceptance of Application
- Second public comment period
- Respond to comments and questions on the Application

**COMPLETED:**
- Define technical requirements
- Issue Request for Qualifications
- Shortlist proponents
- Issue 2-stage Request for Proposals
- Evaluate proposals and award contract

**UPCOMING:**
- Third public comment period
- BCEAO and VFPA decision on Environmental Assessment Certificate and VFPA PER permit

**2012–2014 Strategic Review**

**2016–2019 Environmental Review**

**2016–2017 Project Planning**

**2018–2019 Procurement Process**

**2019–2023 Construction Period**

**2023 New Bridge Opens**

- New bridge open (2023)
- Removal of the existing bridge once the new bridge is open (2024)
Procurement

A number of models were assessed to identify the best delivery model for the Project. This assessment identified a Design-Build-Finance model as the preferred model to:

- manage and mitigate key Project risks;
- maximize cost and schedule certainty; and
- provide value for money.

The steps to assess and identify a Design-Build-Finance partner will include:

**Request for Qualifications**

- Respondents will be asked to demonstrate their experience, qualifications, capacity and capability to undertake the Project.

**An interactive two-stage Request for Proposal process, including:**

- A technical proposal, which will be evaluated for compliance with stated performance requirements; and
- A financial proposal.
Public and Stakeholder Consultation

The Pattullo Bridge Replacement Project has undergone extensive public and stakeholder consultation including:

Strategic Review Consultation: June 3 to 28, 2013
Sought input from residents, businesses, local and regional stakeholders, and bridge users about the Problem Statement of the Pattullo Bridge Review, the objectives, and the initial screening of 25 alternatives for rehabilitating or replacing the bridge.

Community Connections Phase 1 Consultation: June 13, to July 11, 2016
Sought input from residents, businesses, local and regional stakeholders, and bridge users about community connections, including road network improvements on both sides of the bridge in New Westminster and Surrey.

Community Connections Phase 2 Consultation: October 3 to 31, 2016
Sought input from residents, businesses, local and regional stakeholders, and bridge users about pedestrian and cyclist connections on both sides of the new bridge in Surrey and New Westminster.

Public Open House in Surrey

Public consultation materials from the Community Connections consultations in 2016.
Environmental Review

The B.C. Environmental Assessment Office (EAO) and the Vancouver Fraser Port Authority have agreed to a coordinated provincial-federal environmental assessment process for the proposed Project, with the Environmental Assessment Office as the lead agency.

The harmonized environmental assessment process will incorporate the port authority’s federal requirements to meet both the Province and the port authority’s respective assessment processes.

Upon completion of the application review stage, the EAO provides an assessment report and recommendations to the Minister of Environment and Climate Change Strategy and the Minister of Municipal Affairs and Housing, who, under the provincial process, will make a determination on issuing an Environmental Assessment Certificate.

At the conclusion of the harmonized environmental assessment process, the port authority will make a determination under section 67 of the Canadian Environmental Assessment Act, 2012 of whether the Project has the potential to result in significant adverse environmental effects. The proposed Project is required to obtain a Project and Environmental Review project permit from the port authority to proceed and is categorized as a Category D Project.

Identified Indigenous Group Consultation

Consultation with Identified Indigenous groups is ongoing in accordance with direction provided by the Project’s regulators (EAO and the port authority). These groups have also been invited by the EAO to participate in a project working group and related discussions have been ongoing.

Public Comment Periods

Members of the public have an opportunity to provide comments and ask questions of the EAO and Project Team.

For more information on the public comment periods, visit the BC Environmental Assessment Office website: eao.gov.bc.ca.
For ongoing information and updates about the Pattullo Bridge Replacement Project, please email PattulloBridgeProject@gov.bc.ca or visit engage.gov.bc.ca/pattullobridge.