Welcome

Thank you for attending this community engagement on the Trans-Canada Highway 1 Salmon Arm West Project, part of the Highway 1 Kamloops to Alberta Four-Laning Program.

You can provide us with your feedback by:

- completing the hard-copy feedback form and leaving it with a member of our team
- filling out the feedback form online at: [gov.bc.ca/bchwy1-projects](gov.bc.ca/bchwy1-projects)
- mailing your feedback form to:
  
  Ministry of Transportation and Infrastructure
  ATTN: Salmon Arm West Project
  447 Columbia Street
  Kamloops, BC V2C 2T3
The Salmon Arm West project is a $162.7-million partnership between the Province of B.C. and the Government of Canada to upgrade six kilometres of the Trans-Canada Highway through the west side of the City of Salmon Arm and the Neskonlith and Adams Lake Indian Reserves.

The project will improve the safety and reliability of one of our most important commercial trade and tourist routes.

Work will involve:

- four laning the highway with a better alignment
- building a new four-lane bridge over the Salmon River
- improving access with an interchange, intersection upgrades and new frontage roads
- improving safety with a pedestrian/cyclist trail network and wider shoulders
- installing median barrier along the highway
The project segment boundaries have been adjusted to provide efficiencies with the phasing of construction contracts and to allow time for the acquisition of Indian Reserve land.

The project will be delivered in three phases:

Segment 1: IR#3 to 1st Avenue SW
- Four laning 2.8 km of highway

Segment 2: 1st Avenue SW to 10th Avenue SW
- Four laning 2.2 km of highway

Segment 3: 10th Avenue SW to 10th Street SW
- Four laning 1.1 km of highway
HIGHWAY 1 KAMLOOPS TO ALBERTA FOUR-LANING PROGRAM

Project Development Stages

- Conceptual Planning
  - Data Collection
  - Develop Options
  - Evaluate Options
  - Risk Assessment
  - Business Case
  - First Nations Consultation
  - Community Engagement
  - Public Open House

- Preliminary Design
  - Design Shortlisted Options
  - Value Analysis
  - Road Safety
  - Seek Partnerships
  - Cultural Assessment
  - First Nations Consultation
  - Stakeholder Meetings
  - Community Engagement
  - Public Open House

- Functional Design
  - Refine Designs
  - Archeological Assessment
  - Environmental Assessments
  - Geotechnical Assessments
  - First Nations Consultation
  - Stakeholder Meetings
  - Community Engagement
  - Public Open House

- Detailed Design
  - Tender Drawings
  - Construction Documents
  - Value Engineering
  - First Nations Accommodation
  - Property Acquisition
  - Environmental Permitting
  - Public Open House

- Tender & Construction
  - Early Works
  - Construction Activities
  - Major Works
  - Construction Activities
  - Archaeological, Cultural, and Spiritual Monitoring
In June 2015, the ministry held an open house to introduce the Salmon Arm West project. Since then, the ministry has moved forward with design work based on public feedback and continuing consultation with the City of Salmon Arm, First Nations, local businesses and property owners.

The ministry began discussions with potentially affected property owners early in the project and has acquired most of the approximately 50 properties that are impacted. Acquisition of Indian Reserve #3 and Indian Reserve #7 lands is also required.

In September 2016, the federal government announced its contribution of up to $48.5 million toward the project.

Site clearing and building demolitions have taken place in preparation for construction. The first tender will involve placing preload materials to compress soft soils and relocating utilities from 1st Avenue SW to 30th Street SW. The ministry anticipates tendering this preload work this winter for construction in spring 2018.
Segment 1: IR#3 to 1st Avenue SW

Features will include:

- 2.8 km of four laning to increase safety and capacity for highway travellers
- Improved access to Switsemalph IR#3 land

The ministry is working with the Neskonlith Indian Band to determine access road solutions and acquire the land needed for construction.
Segment 2:
1st Avenue SW to 10th Avenue SW

Features will include:

- A new four-lane bridge
- Continuous frontage roads and improved 30th Street intersection between the new interchange at Salmon River Road and 10th Avenue SW to provide local mobility and safe customer access to businesses
- New sidewalks and a three-metre wide multi-use pathway to improve safety for pedestrians and cyclists
- Service and Attraction Signs to direct motorists to businesses and attractions

Work completed to date:

- Building demolitions
- Tree and brush clearing
- Construction of a new wetland and turtle-spawning habitat to mitigate for impacts to the environment
Segment 3: 10th Avenue SW to 10th Street

Features will include:

- Improved intersections with dedicated left and right turn lanes at 10th Avenue SW and 10th Street SW
- A new intersection at 15th Street SW

The ministry is working with the Adams Lake Indian Band to determine access road solutions and acquire the land needed for construction.
Rehabilitating the Salmon River Bridge

Subject to an agreement with the City of Salmon Arm, the old section of the Trans-Canada Highway including the existing Salmon River Bridge will become a municipal frontage road.

The Salmon River Bridge was built in 1946 and widened in 1964. A 2015 independent engineering assessment determined that the bridge is in good condition and with some rehabilitation will provide another 20 to 25 years of service before further rehabilitation or replacement is needed. The ministry will carry out and pay for the bridge rehabilitation before the municipality takes over responsibility.

The work is valued at up to $500,000 and would include:

- Repairing the abutment deck joints
- Repairing the concrete deck and curb
- Cleaning and re-coating steel stringers
- Repairing the stream bank and installing rip rap to protect against erosion
**Mitigating Flood Risk**

The new highway and frontage roads are designed to help protect the environment, infrastructure and neighbouring properties from floods and erosion.

During a 200-year flood event:

- the new bridge will clear span the Salmon River and provide two metres of clearance, allowing debris to pass
- Shuswap Lake backs up the Salmon River to the existing TCH bridge girder, but the water velocity is low and not a significant risk to the bridge or roadway
- passage of flood water in the existing bridge area will be improved by lowering the frontage road elevation east of the bridge
- increased culvert, storm drain and ditch capacity will improve drainage on nearby roads and reduce flooding risk
Mitigating Flood Risk

Abandoned bridge piles will be removed from the Salmon River bed to improve flow and reduce debris jams during high water.
**Next Steps**

**IR #3 to 1st Avenue SW**
- continue working with Neskonlith Indian Band to determine access solutions and acquire land needed for the project
- complete functional design
- start design work following completion of Land Use Plan

**1st Avenue SW to 10th Avenue SW**
- advertise preload construction tender this winter
- begin preload construction in spring 2018
- advertise grading and structures tender in spring 2018

**10th Avenue SW to 10th Street SW**
- continue working with Adams Lake Indian Band to determine access solutions and acquire land needed for the project
- begin construction in summer 2019
THANK YOU FOR ATTENDING.

Please provide your feedback by:

- Completing the feedback form and leaving it with our team
- Filling out the feedback form online at [gov.bc.ca/bchwy1-projects](http://gov.bc.ca/bchwy1-projects) by December 17, 2017.
- Mailing your form to:
  - Ministry of Transportation and Infrastructure
    ATTN: Salmon Arm West Project
    447 Columbia Street
    Kamloops, BC V2C 2T3

Project information is available at: [gov.bc.ca/bchwy1-projects](http://gov.bc.ca/bchwy1-projects)