

Haisla Bridge Replacement

CONSTRUCTION UPDATE

June 2022



SUPPORTED BY:



Pacific Economic
Development Canada

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CONTRACTOR:



KITIMAT
A Marvel of Nature and Industry

PROJECT OVERVIEW

Since 1954, the Haisla Bridge has connected the town to Kitimat's industrial. The existing bridge is now operating at the end of its intended design life, requiring extensive and on-going maintenance.

With growing economic activity in Kitimat, there are expectations for increased daily traffic volumes, oversized load deliveries, and construction traffic. The new bridge will be built to modern design and safety standards to address future capacity constraints.

Construction began in June 2021 and the new bridge is anticipated to be operational in late 2023. Demolition of the existing bridge will occur after the new bridge is open.



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PROGRESS UPDATE

49% Complete

Site Mobilization Summer 2021

Bridge Operational..... Spring 2023

Substantial Completion Winter 2023

WORK COMPLETED THIS PERIOD (January – May 2022)

- **Bridge** – Completed construction of all three bridge piers; installed working platforms and setup girder launching materials and equipment; girder and precast deck panel fabrication is underway (off site).
- **West abutment** – Completed excavation, bedding installation, and backfill of sanitary force main for bypass during construction; completed shoring wall.
- **West Haisla Blvd.** – Installed two pedestrian crossings to safely divert pedestrian traffic to the south side of Haisla Blvd.
- **East abutment** – Completed shoring wall; completed east abutment piles, seat, backwall and wingwalls; scour protection partially installed
- **East Haisla Blvd.** – Additional earthworks and embankment construction.

UPCOMING ACTIVITIES (April – September 2022)

- **Bridge** – Receive girders and precast deck panels; complete girder launch and deck panel installation; start pouring bridge deck concrete.
- **West abutment** – Complete west abutment piles, seat, backwall and wingwalls; install approach slab; partially install scour protection.
- **West Haisla Blvd.** – Continued operation of the pedestrian crossings to divert pedestrian traffic to the south side of Haisla Blvd.; install permanent utilities and off-bridge lighting.
- **East abutment** – Install approach slab.
- **East Haisla Blvd.** – Complete rock breaking on the north side of Haisla Blvd.; complete culverts and catch basins; install permanent utilities and off-bridge lighting.



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IN FOCUS: GIRDER LAUNCH

A key activity for the new bridge is the assembly and launching of the bridge girders. The superstructure for this 230m long bridge consists of four steel girder lines totaling 946 metric tonnes. The four girder lines will be simultaneously launched from west to east in a series of incremental steps.

Delivery of the girders is expected in May 2022 and the duration of the girder assembly and launch program is estimated to take just over two months. Note that the girders will be projecting over the river in different configurations throughout the two month launch period. One such configuration is shown below. The girders will only be actively advanced on **8 days** (estimated) within that period. The remainder of the launch time is required to prepare, position, connect and secure new

segments of the girders, as well as adjusting the launching works for the changing configuration.

The District of Kitimat will post updates to its website and Facebook account two days in advance of active launching days.

On days of active launching, if a vessel on the Kitimat River approaches the site, active launching of girders will be paused until the vessel has cleared the work area. This may cause some delay to the vessel depending on the state of launch and the ease of securing the girders. River users and persons on the riverbanks are reminded to obey all flaggers, construction signage, and exclusion zones. The Radley Park Boat Launch will remain open during these times. The contractor may have a capable vessel on hand to assist all other vessels during this time.

Direction of Launch

East Bank

