



Construction



Marine Channel Closure

- Mid-September, the bridge channel was closed to most marine traffic
- Over 50 girders now form the base of what will be the deck of the new bridge
- Artic Tuk occupied the entire waterway on the north side of the bridge

Marine Channel Closure

- The last of the old rail spans was removed in September by the Artic Tuk
- This was significant in marking what is essentially the last of the old rail bridge
- Day-to-day impacts to upper harbour user operations were minimized during closure

Marine Channel Closure



Construction Progress – West Approach

- Construction on the pedestrian overpass has started
- This connection will provide access from the Galloping Goose trail to the E&N Trail

Construction Progress – West Approach



Construction Progress – West Approach

- The final layer of asphalt has been installed on Harbour and Esquimalt Roads
- This work completes most of the west side road works that can be done prior to the installation of the new bridge

Construction Progress – West Approach



Construction Progress – West Approach

- A new bike box has also been installed on Harbour Road at Esquimalt
- The bike box provides better access to Galloping Goose users commuting into downtown

Construction Progress – West Approach



Construction Progress – West Approach

- A new wall at 203 Harbour Road has been completed
- The wall separates the public right of way for the multi use trail from the adjacent property currently being used as the PCL site office

Construction Progress – West Approach



Construction Progress – West Approach

- Many keen to see the area returned to normal and actions are being taken to complete as many areas of the public realm as quickly as possible
- PCL completing landscaping along Esquimalt and Harbour Roads and will return possession and responsibility of the area back to the City in December

Construction Progress – Bridge Site

- In-water bridge structures are substantially completed
- The bascule pier structure has reached substantial completion
- All concrete has now been poured to form the shape of the pier including walls, floor and other structural components

Construction Progress – Bridge Site



Construction Progress – Bridge Site

- Rest Pier protection is being put in place
- Floating protection on the rest pier and piles fronting the west side of the bascule pier have been installed
- This provides increased protection in addition to the future fendering

Construction Progress – Bridge Site



Construction Progress – East Approach

- East approach has seen significant work in the last few months
- Extensive work to public space near the frontages of Store Street and around the new Janion building including new road alignments, curbs, street lights, intersection signalization and underground works

Construction Progress – East Approach

- PCL is completing work in public roadways as well as work in front of businesses between Pandora Avenue and Johnson Street (near Michael Williams statue)
- The work is expected to be completed by the beginning of December and in time for the holiday season

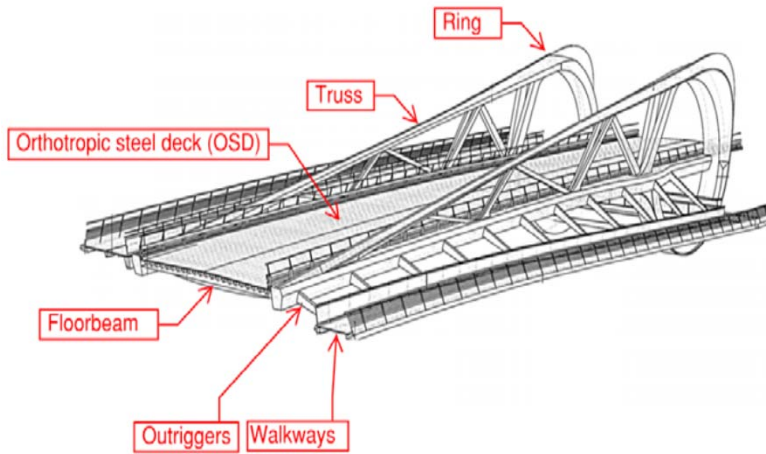
Construction Progress – David Foster Pathway

- David Foster Harbour Pathway has seen some preliminary work on the bridge site
- This work will ensure synergy with the Janion project and with future southern connections

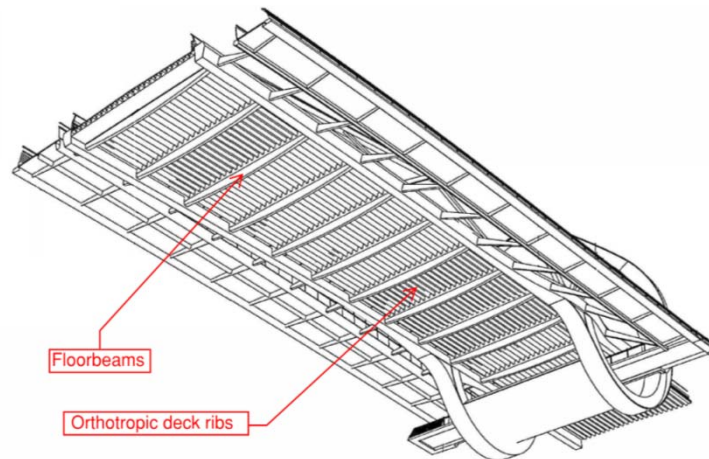
Construction Progress – David Foster Pathway



Steel Fabrication



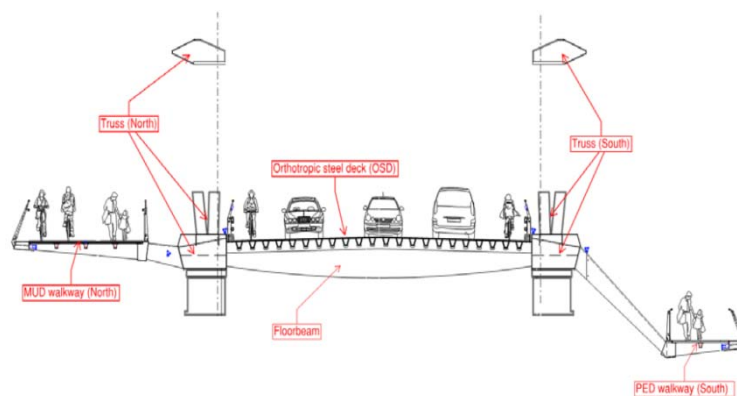
Steel Fabrication



Steel Fabrication

- On the outside of each truss is a walkway
- South side has a pedestrian walkway and north has a multi-use walkway
- The multi-use walkway is wider to accommodate pedestrians and bicycles
- The steel deck roadway accommodates three lanes of traffic, one west, two east, and bike lanes in both directions

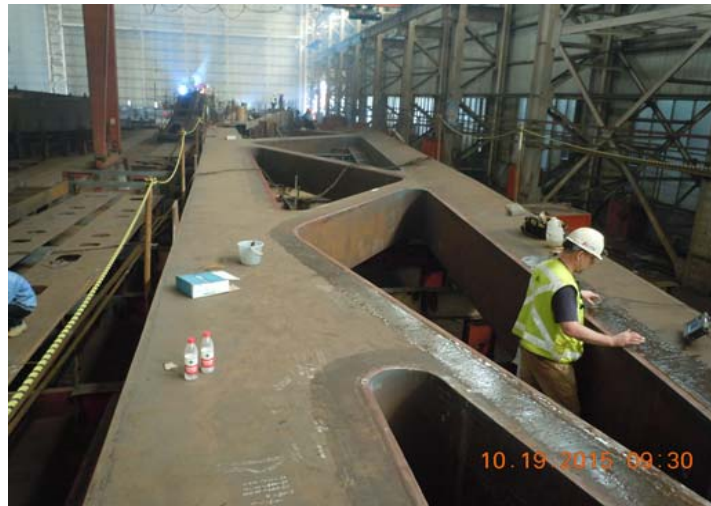
Steel Fabrication



Steel Fabrication

- Steel is now projected to arrive in Victoria towards the end of 2016
- Erection is projected to commence in early 2017

Steel Fabrication



Steel Fabrication



Project Schedule



Project Schedule

- On-going delays to the fabrication of the steel in China continue
- The fabrication of this bridge is complex and the priority is to get it right from a quality perspective
- Important progress on steel fabrication has been made, however there are difficulties with some elements

Project Schedule

- Since July 16, the project schedule has been revised to reflect further delays in the delivery of the structural steel
- The schedule has been updated to reflect late Summer 2017 as the timeframe the new bridge will open to traffic and public use
- The final project completion date is early 2018

Financial Overview

- The approved budget for the Johnson Street Bridge Project is \$96.854 million
- Council has directed staff to request funds as required
- Potential additional costs have been identified at an estimated \$2.253 million
- These additional costs include additional professional consulting services, unforeseen ground conditions, staff resourcing, and legal costs

Financial Overview

- After applying the \$2.439 million unallocated portion of the contingency budget, the result is an estimated \$2.253 million funding shortfall
- Therefore, it is recommended that an additional budget of \$2.253 million be approved with funding from the Buildings and Infrastructure Reserve

Financial Overview

- The City will seek to recover some of these costs through the mediation process
- Costs recovered would be returned to the Buildings and Infrastructure Reserve

Mediation

- Mediation regarding various claims for additional costs on-going with the exchanges of information between the parties
- Expectation the first of several mediation sessions, starting in early March 2016
- Extensive process with the exchange of large and comprehensive documents, expert testimony and various preparatory meetings,

Fendering Update

- Design of the fendering is expected by mid November
- PCL will obtain competitive tenders to establish costs
- A report on fendering will be brought forward to Council early in 2016 for budget approval before any work commences

Fendering Update

- Work is expected to be completed in late summer 2016
- PCL is arranging to provide temporary protection of the completed bridge works until the final fendering can be completed

Public Realm – Technical Workshop

- October 13 & 14 a workshop on the public realm was held
- Was attended by 25 people

Public Realm – Technical Workshop

- Stakeholders included:
 - The Downtown Residents Association,
 - The Victoria West Community Association,
 - The Downtown Victoria Business Association,
 - Neighbouring property representatives from Reliance Properties, Merrick Architecture, the Delta and Swans hotels, and Ralmax,
 - Members of the City's new Accessibility Task Force,
 - Members of Council,
 - Other technical experts and City staff

Public Realm – Technical Workshop

- The sessions included discussions around use of space, connectivity, accessibility, types of art, and placemaking
- The intent of the workshop was to develop options for the public realm areas for broad public input
- These options are being refined into plan view drawings and will be shared with Council in a separate report at the December 3 GPC meeting

Recommendation

That City Council:

1. Approve an increase to the project budget of \$2.253 million with funding from the Building and Infrastructure Reserve
2. Direct staff to transfer to the Building and Infrastructure Reserve any costs recovered from other parties
3. Direct staff to bring forward an amended Financial Plan Bylaw to the November 26, 2015 Council meeting

Thank You