

# Johnson Street Bridge Replacement Project

## Quarterly Update

Governance and Priorities Committee Meeting

April 10, 2014

# Progress Update



# Progress Update

- Significant progress made in construction of bridge foundation
- Fabrication of structural steel for bascule leaf continues
- City upgrades to 100-year-old water, sewer, and storm water will be complete by the end of April

# Progress Update

- Project remains within budget of \$92.8 million with \$66 million for the construction budget
- Current accepted schedule has project completion March 2016

# Change Order Request

- City has received a Request for Change Order from the contractor requesting an increase of \$7.9 million and 5 ½ month extension to contract
- Change order requests are the typical means for contractors to present potential changes
- Change orders are not unusual for a project of this nature
- City has directed MMM to review and advise on merit of request

# Change Order Request

The City has a number of safeguards in place to protect taxpayers, such as:

- A fixed-price contract
- Owner-controlled insurance
- Legal expertise in construction law
- Fairness monitor hired to monitor procurement process

# Change Order Request

The City has a number of safeguards in place to protect taxpayers, such as:

- A contingency of \$2.8 million
- Regular audits in accordance with federal funding agreements
- Regular reporting in accordance with federal funding agreements

# Change Order Request

- The City is confident that the project can be completed within budget
- Bridge continues to be built to highest standards
- Once MMM has reviewed, staff will provide full report to Council on the request



# Risk Registry

Risk	Risk Level
Regulatory approvals delay construction (all permits now obtained)	Eliminated
Schedule delay by Consultant (contract obligation to meet design schedule)	Changed from Med to High
Schedule delay by Contractor (contract obligation to mitigate delay and recover time lost)	Changed from Med to High

# Value Engineering

- Value Engineering continues on east abutment and rest pier.
  - east abutment                      \$150,000
  - rest pier                              \$60,000
- Savings of \$300,000 realized to date
- Completion expected by the end of April

# Engineering Design Update

- At the time of the contract award design was 60% complete, sufficient to begin construction
- PCL's optimizations approved by Council required full design
- Bridge design is now complete with the exception of the pedestrian bridge, lighting, landscaping, and fendering

# Status of Final Design

Design Delivered to date:

- Bascule Pier Foundations
- Main Truss and Ring
- Mechanical Package
- Approaches, Roads and Civil Works
- Bascule Pier

Design is complete with the following exceptions:

- Pedestrian Bridge
- Bridge Lighting
- Landscape
- Fendering

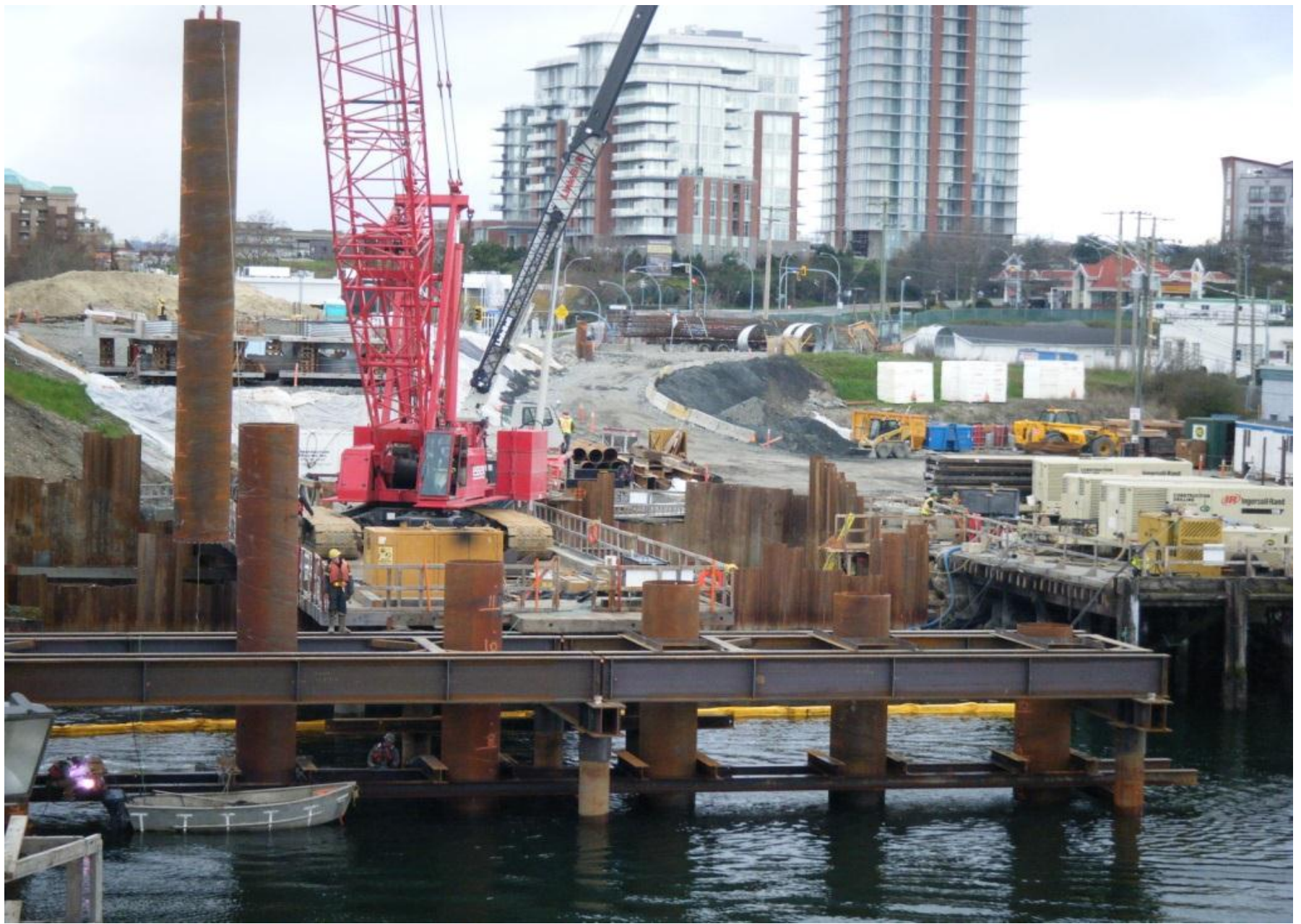
# Construction Activity







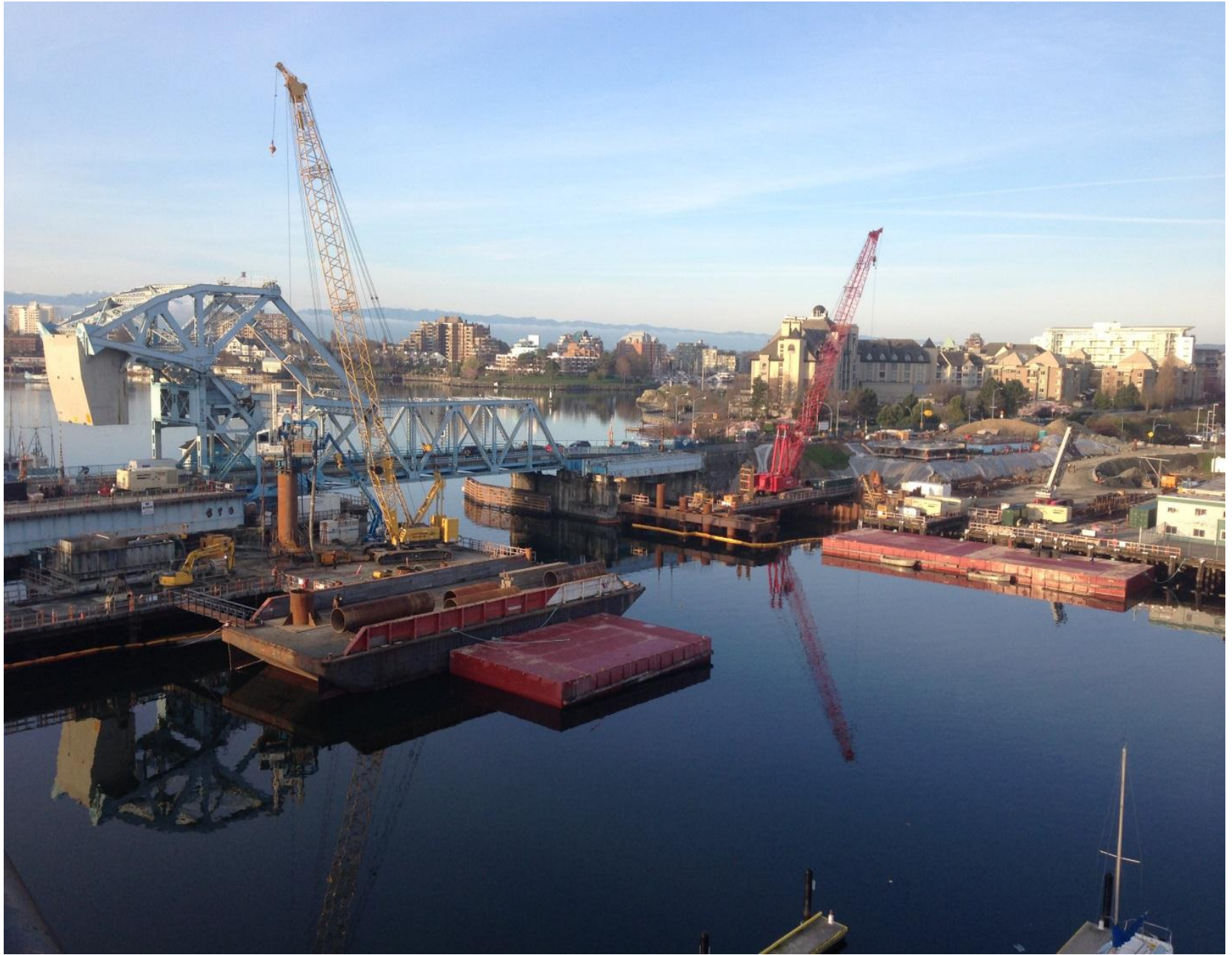
















# Upcoming Construction Activity

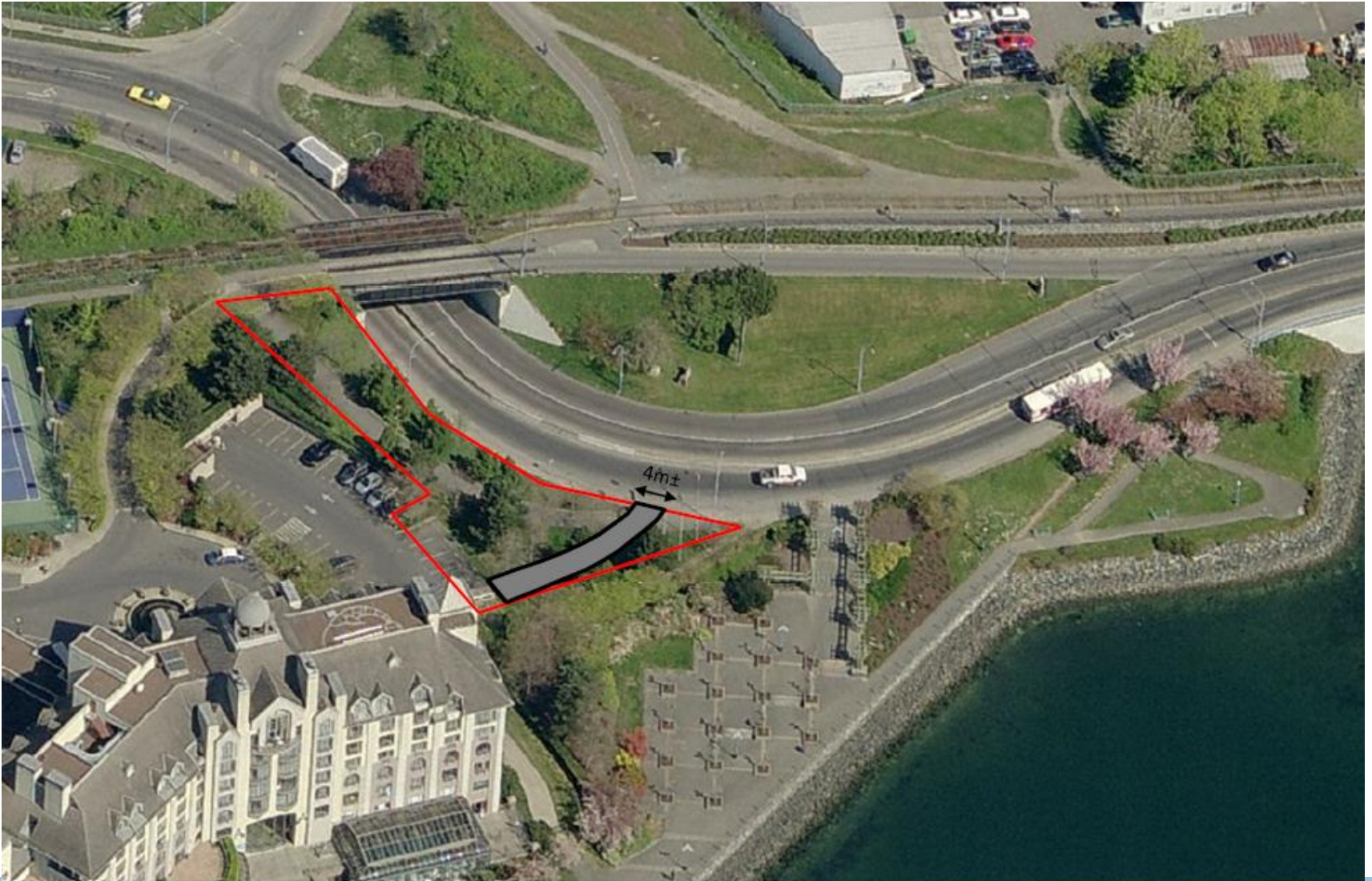
- Completion of rest pier
- West abutment footings and walls
- Continued work on bascule pier
- Continued fabrication of bascule leaf
- Continued procurement of mechanical and electrical elements

# Upcoming Construction Activity

- Relocation of Delta Hotel entrance in April and May
- Intersection work at Harbour Road and Esquimalt from May through August



# Delta Entrance Relocation



# Upcoming Construction Activity

- Bus stop on east side of bridge to be relocated to Pandora Avenue
- BC Hydro will begin relocation of hydro duct on east side of bridge for power supply to new bridge this summer



# Upcoming Construction Activity



# Public Information and Consultation

- Continue to work with partners such as the DVBA and neighbourhood associations to communicate important information
- Recently followed up with neighbouring businesses regarding new timeline for completion of utility work



# Public Information and Consultation

- Continue to reach out to neighbouring hotels
- Drop-in open house events planned for May
- Updated renderings of the public realm are expected in the coming weeks

# Public Information and Consultation

Feedback from public:

- appreciation for information updates
- traffic detour complaints
- noise complaints
- lack of advance notification
- contractor equipment clutter
- uncertainty of timelines for completion

Better coordination from City departments and contractors will occur in future to better plan and mitigate impacts

# Public Information and Consultation

**City of Victoria - Local Government**  
January 16

In honour of the Johnson Street Bridge's 90th birthday this week, we have recently updated the history section of the Johnson Street Bridge website. Check out this photo of opening day of the Johnson Street Bridge overlooking Victoria West in 1924.  
<http://www.johnsonstreetbridge.com/the-project/history/>



Like · Comment · Share

22 people like this.

**Janet Reid** Is this the blue one  
January 16 at 2:32pm · Like

**Robbie Robertson** that big building at the top of the pic , was it not an insane asylum?  
January 16 at 3:02pm · Like

**City of Victoria - Local Government** Yes, Janet Reid, while it's been around since 1924, the Johnson Street Bridge was painted blue in 1979 and today is often referred to as the Blue Bridge.  
January 16 at 3:35pm · Like

**City of Victoria - Local Government** Robbie Robertson the



[Home](#) / [The Project](#) / [Bridge Crossing History](#)

## BRIDGE CROSSING HISTORY

The existing Johnson Street Bridge opened to the public on January 11, 1924. It is the third bridge crossing built at its location.

### Victoria Bridge 1855-1862

The first known crossing over the Gorge waterway was the Victoria Bridge – a low-level wagon bridge built from 1854 to 1855. By 1859 there were calls for its removal because it blocked boat access to the Upper Harbour. The Victoria Bridge was dismantled in 1862 and replaced with a ferry service.

### Swing Bridge 1888-1923

In 1888, a swing bridge was built to provide the E&N Railway with access to downtown Victoria. Prime Minister Sir John A. Macdonald drove the last spike, marking the formal completion of the transcontinental railway, which had been a condition of British Columbia entering Canadian Confederation in 1871.



E&N Swing Bridge with construction of Johnson Street Bridge in foreground (1921-1923) (City of Victoria Archives M09350)

### CONTACT INFO

City of Victoria  
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Victoria, British Columbia, Canada  
Need a bridge lift? Please call 250.361.0400

### WHAT'S NEW

MARCH 12 2014  
[Update on Utility Replacement Work Near Johnson Street Bridge](#)

JANUARY 11 2014  
[Johnson Street Bridge Celebrates 90 Years](#)

DECEMBER 5 2013  
[Updated Renderings of New Bridge](#)

### NEWS RELEASES

NOVEMBER 15 2013  
[Utility Work Downtown Near Bridge to Stop for Holidays](#)

OCTOBER 30 2013  
[Installation of New Johnson Street Bridge Begins](#)

MAY 17 2013  
[Governments of Canada and Victoria start construction of the new Johnson Street Bridge](#)

### GET UPDATES BY EMAIL

Name:

Email:

# Public Information and Consultation

- Visits to website remain steady with an average of more than 1,600 unique visitors per month
- More than half are visiting for the first time
- Some upgrades to JohnsonStreetBridge.com are planned to enhance navigation and usability

# Construction Hoarding

## Objective:

- Visually appealing
- Include key information about project
- Still allow public opportunity to see bridge construction










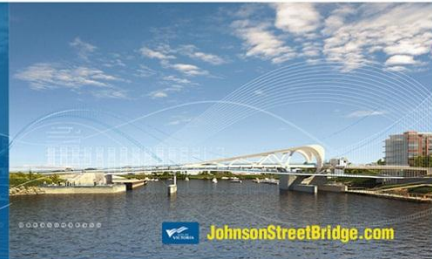





# Construction Hoarding

**Bridge remains open  
during construction**

 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)




 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)


**More than 50% deck space  
for pedestrians and cyclists**

 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)



 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)

**Improved safety  
and accessibility**

 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)



 [JohnsonStreetBridge.com](http://JohnsonStreetBridge.com)

# Thank You

