

# Johnson Street Bridge Replacement Project

Quarterly Update  
January 22, 2015



# On Site Work – West



# On Site Work – West

- Completion of west approach
- Access to Delta Hotel
- Completion of Harbour Road (tentatively re-opening in February)



# New Intersection Harbour & Esquimalt Road





# Delta Hotel Access



# On Site Work – West

- Completion of the rest pier
- Removal of west trestle
- Completion of west abutment



# Rest Pier Completion



# West Abutment





# On Site Work – West

- Commencement of retaining walls
- Removal of contaminated blocks
- Start of fender construction

# Multise Trail Retaining Wall





# Contaminated Blocks – Removed



# Fender construction to start at rest pier





# On Site Work – East



# On Site Work – East

- Continued work on bascule pier rebar being placed
- ‘Big Pour’ – 120 concrete truck loads, 18 hours, to create a 7 foot thick floor
- Scheduled for the end of January



# Bascule Pier



# On Site Work – East

- Intermediate pier piles done (work on cap starting)
- East abutment works
- Janion work (trail connections)



# Intermediate Pier





# East Abutment





# Eastside of Construction Site Beside Janion Building



# Finances & Schedule





# Finances & Schedule

- \$20.65 million paid to PCL includes pre-payment of steel, hydraulic motors and ancillary material
- \$8.25 million to MMM and H&H including extra costs for steel issues in China
- Additional items and some cost escalations have virtually committed the contingency

# Items potentially to be covered by contingency

- Habitat compensation
- Consulting costs to resolve steel issues
- North end fendering dolphins
- Legal costs for mediation
- Multi-Use overpass bridge
- Additional soil removal
- Potential increase in landscape costs
- Payment for seabed lands
- Additional owners Quality Assurance Program at plant



# Finances & Schedule

- Schedule currently 10 months late
- Bascule completed and shipped tentatively March 2016
- Project completion tentatively January 2017
- Applying for 1 year grant extension
- Continue to maintain present bridge
- Report on balance of contingency for project including extra costs for time delay

# Bearing Replacement on existing Bridge





# Steel Fabrication in China



# Steel Fabrication in China

- Shut down since July 2014
- One ring and truss have been rejected – balance to be repaired
- Replacement steel now at fabrication plant



# Steel Fabrication in China

- Work on improved Quality Management Plan (QMP) and Inspection and Testing Plan (ITP)
- Owners QMP to be reviewed and potentially increased
- Mock up of bridge orthotropic deck being fabricated for inspection

# Steel Fabrication in China

- Meetings held last week (in Victoria) and in New York to complete detailing and discuss QMP and ITP with Fabricator
- Meeting being scheduled in China for February for re-start of fabrication
- Tentative re-start – March 1, 2015



# Mediation



# Mediation

- Mediator selected - Shapiro, Hankinson & Knutson
- Several conference call meetings to date
- Materials being exchanged
- Any settlements will be subject to Council approval



# Mediation

- Process is confidential for all parties until completed
- City is preparing claims against both PCL and MMM which will be settled through the mediation process.

# Recommendation

That Council direct staff on a priority basis to prepare a report bringing forward options for Council's consideration to increase the project contingency.

# Questions

Questions from Council



# Thank You