



David Foster Harbour Pathway Extension Johnson Street Bridge Pedestrian Underpass



PURPOSE OF REPORT

1. To update council on the progress of the David Foster Harbour Pathway Johnson Street Bridge pedestrian underpass design
2. Seek approval to finalize design and proceed with construction



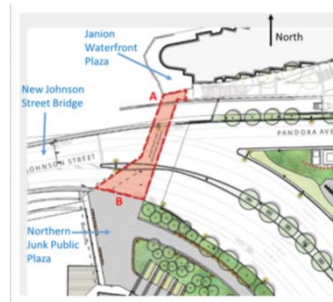
BACKGROUND

May 2017 Council Direction:

- Proceed with design and construction planning for the Johnson Street Bridge Pedestrian Underpass

Project Synergies & Connectivity:

- Pedestrian underpass bordered by the Northern Junk Public Plaza and Janion Building
- Design consistent with December 2017 Johnson Street Bridge Public Realm - Revised Design Concept

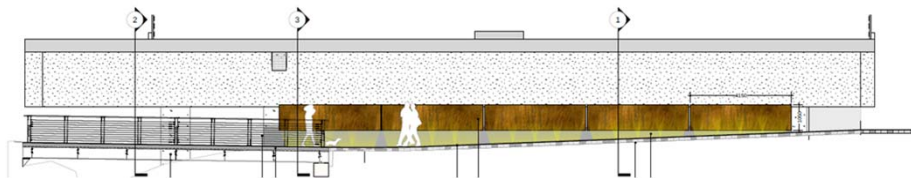


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DESIGN PRIORITIES

Features:

- Proposed underpass will be wheelchair accessible and provide a welcoming and safe pedestrian experience on the David Foster Harbour Pathway



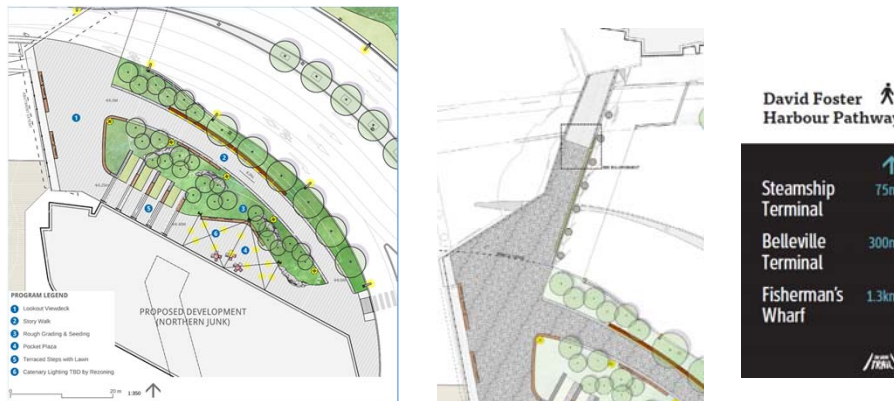
- New pathway structure will consist of two segments - a suspended steel bridge structure with concrete topping, and an on-grade brick paver pathway.



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DESIGN CONSISTENCIES

- Proposed design treatments/features consistent with approved Johnson Street Bridge Public Realm design and Downtown Public Realm Plan
- Wayfinding signs proposed, as a part of city-wide wayfinding program



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ISSUES SUMMARY

Timing:

- Proposed project delivery coordinated with Johnson Street Bridge completion schedule, accelerated/phased to meet TCT funding timelines

Costs & Construction:

- Cost estimate based on 90% design
- Funding - external and Harbour Pathway Capital Budget
- Procurement options explored - timely, efficient, construction sequencing

Public Engagement:

- Public engagement process for JSB Public Realm design - 2015 to 2017

Public Art Integration:

- Options will be presented to Council at a future date, and can be installed independent of this project



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COST ESTIMATES / FUNDING

Description of Work	Estimate	Totals
Engineering design (schematic / detailed) and surveying		\$76,000
Construction estimates (90% design)	\$320,800	
Public Art Allocation (1% of construction)	\$3,200	
Contract Administration / Supervision (10% of construction)	\$32,000	
Contingency (10% of construction)	\$32,000	
Market Condition Contingency (25% of construction)	\$80,000	
Estimated Construction Total	\$468,000	
Total Project Cost (not including GST)		\$544,000
Project External Funding – Trans Canada Trail		(\$100,000)
Estimated Costs – City Funds		\$444,000
David Foster Harbour Pathway - Current Funds Available		\$3,070,000
Remaining Capital Funds – Harbour Pathway		\$2,626,000



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RECOMMENDATIONS

That Council directs staff to:

1. Finalize this detailed design and proceed with procurement and construction of the proposed Johnson Street Bridge Underpass.
2. Update the 2018 Financial Plan to set a project budget of \$544,000 for the extension of the David Foster Harbour Pathway under the new Johnson Street Bridge, consisting of \$444,000 from the Harbour Pathway Capital Budget from the deferred pedestrian bridges and \$100,000 contribution from the Trans Canada Trail Foundation.
3. Incorporate maintenance and operating costs of this new section of the pathway as part of the 2019 Operating budget.



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