

Point Ellice Bridge: Rehabilitation/Repairs Assessment and Updated Cost Estimates

January 22, 2015 - Governance and Priorities Committee



Purpose of Assessment

- To assist in developing options and recommendations for Council on determining large-scale capital priority projects (Crystal Pool, Fire Hall #1, and Point Ellice Bridge)
- Stantec Consulting Ltd. was retained to:
 - Confirm the extent of previously-identified bridge repairs
 - Refine the design concept for possible pedestrian and cyclist improvements
 - Provide updated cost estimates



Maintenance Related Findings

- The concrete bridge deck does not require replacement, as previously indicated
- Additional mitigation measures are recommended to minimize future corrosion on steel members of the bridge deck
- A 50,000kg GVW load restriction on the bridge is recommended – this would only impact a small percentage of vehicle trips
- Maintenance related repair costs are estimated at \$3,600,000
- Repairs are identified as a project for consideration in the 2017 Financial Plan



Possible Pedestrian and Cyclist Facilities

- Plans to widen the bridge to better accommodate cyclists were originally developed in 2001
- Widening-related costs are estimated at \$15,250,000
- Cycling improvements on the Point Ellice Bridge are not on the list of Bicycle Master Plan Implementation priority projects for 2015-2019
- Proposed Johnson Street Bridge pedestrian and cyclist facility improvements were not contemplated when the Point Ellice Bridge widening design was originally developed



Recommendation

- That Council direct staff to include maintenance repairs to the Point Ellice Bridge, as identified in the report on Point Ellice Bridge Maintenance and Enhancement Proposals, dated December 1, 2014, as a project for Council consideration in the Financial Plan for 2017.