



Governance and Priorities Committee Report

For the Meeting of July 10, 2014

To: Governance and Priorities Committee
From: Dwayne Kalynchuk, P.Eng.
Director of Engineering and Public Works

Date: July 7, 2014

Subject: Point Ellice Bridge Assessment of Structural Design/Estimate Updates - Project Status

Executive Summary:

The City retained Stantec Consulting Ltd. in March 2014 to review and analyze existing information on recommended rehabilitation/repairs and enhancement plans for the Point Ellice Bridge. As part of the review of the previous assessments and preliminary design work done, staff requested that, if the overall project objectives could be achieved in a more efficient or economical way, the consultant was to suggest an alternate design solution to widen the road deck and accommodate bike lanes, as well as provide sidewalks on both sides of the bridge. The consultant was also asked to provide recommendations on construction phasing/sequencing, and updated cost estimates for the works.

The consultant recently provided staff a draft report on their findings. The draft report addressed the major outstanding maintenance requirements for the bridge, evaluated and confirmed the capacity of the existing structure to accommodate the proposed changes, made recommendations on the proposed cross-section and materials, and examined phasing for the construction work.

Cost estimates are still pending, delaying full reporting to Council. Prior to finalizing cost estimates for the project, the consultant has recommended non-destructive testing on the bridge deck, to determine the extent of possible reinforcing steel deterioration. The results of this testing may impact the recommended approach and scope of work for the deck widening work, which will in turn influence overall project costs. This work will be scheduled by the consultant within the next 2 weeks.

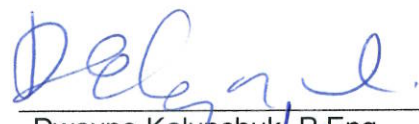
Recommendation:

That this report be received for information.

Respectfully submitted,



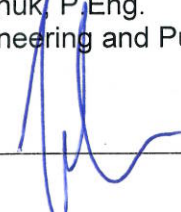
Brad Dellebuur, Manager
Transportation



Dwayne Kalynchuk, P.Eng.
Director of Engineering and Public Works

Report accepted and recommended by the City Manager: _____

Date: _____


July 9, 2014