

Prince Edward Viaduct Pier Rehabilitation: Cable Replacement

Date:	June 3, 2014
To:	City Council
From:	City Manager
Wards:	
Reference Number:	

SUMMARY

The purpose of this report is to transmit a report considered by the TTC Board on May 28, 2014, entitled "Prince Edward Viaduct Pier Rehabilitation: Cable Replacement" (Attachment 1 and 2). In order for the City to complete rehabilitation work on the Prince Edward Viaduct (PEV), replacement of TTC cabling and conduits mounted throughout the length of the bridge, is required prior to the City's contractor commencing work on the PEV. The replacement of TTC cabling is time sensitive, due to the need for the rehabilitation work on the PEV to be completed prior to the 2015 Pan Am Games.

The TTC Board confirmed approval to proceed with the unbudgeted cable replacement project, estimated at \$2,782,000 in conjunction with the City's PEV rehabilitation, and to forward the report for City Council approval. In order to allow for sufficient funds to accommodate the work, a number of projects have been identified within the TTC's 2014-2023 Capital Budget for deferral. The cable replacement PEV project will be reflected in the next TTC 2015-2024 capital budget submission. This report recommends Council approve the staff recommendation to proceed with the necessary cable replacement work.

RECOMMENDATIONS

The City Manager recommends,

1. Council confirm approval to proceed with the unbudgeted cable replacement project, estimated at \$2,782,000 in conjunction with the City's Prince's Edward Viaduct pier (PEV) rehabilitation.

Financial Impact

As outlined in the TTC report, the cable replacement along the PEV is a multi-scope state-of good repair project involving subway track, electrical, communications and signal systems. Given the time critical nature of the work, project managers have identified several projects to be deferred beyond 2014 to allow for sufficient funds to accommodate cable replacement work on the PEV. There is no increase to the estimated final cost of these projects. Specifically, projects impacted are as follows:

Project 1.1 6622	Subway/SRT Track Rehabilitation Program	\$750,000.00
Project 2.1 6072	Alternate Feeds for Intersections	\$832,000.00
Project 2.3 6004	Cable Replacement	\$750,000.00
Project 2.4 7044	Streetcar Track-Switch	\$450,000.00

These State-of Good-Repair/Safety projects are included in the TTC 2014-2023 Capital Budget, which was approved by City Council on January 29/30, 2014. The cable replacement PEV project will be reflected in the next TTC 2015-2024 capital budget submission. The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

Toronto Transit Commission, Board Meeting, May 28, 2014

The Board considered a staff report on May 28, 2014 entitled, "Prince Edward Viaduct Pier Rehabilitation: Cable Replacement". The Board approved the staff recommendation to proceed with the unbudgeted cable replacement project, in conjunction with the City's PEV rehabilitation and to forward the report to the City of Toronto for Council approval.

ISSUE BACKGROUND

In July 2013, City of Toronto staff consulted TTC with preliminary plans regarding the PEV rehabilitation project. The TTC has extensive cabling and conduits mounted beside the tracks throughout the length of the PEV and until recently it was anticipated that this cabling could be temporarily relocated to accommodate the City's concrete rehabilitation work on the PEV piers. Relocating the cabling is no longer a viable option and will have to be replaced to allow for proper hoarding during the City's rehabilitation work. New cables are required as the existing cables do not provide enough slack to work around the hoarding. Attachment 2, the report from the Toronto Transit Commission provides further detail.

COMMENTS

As outlined in Attachment 2, TTC staff have identified the cables required (type and length) and have developed a solution to implement cable installation work prior to the

PEV rehabilitation work. Preliminary design and procurement activities are underway, in order to commence work quickly upon receipt of funding approval.

The structural rehabilitation work on the PEV bridge piers must be completed in 2014. Furthermore the work must be completed prior to the start of the 2015 Pan Am Games. The TTC cable work must be completed prior to the PEV rehabilitation work. Council approval is required to proceed with this unbudgeted work at an estimated cost of \$2,782,000 which will be funded through the deferral of lower priority budgeted work identified in the TTC Capital program to 2015.

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SIGNATURE

Joseph P. Pennachetti,
City Manager

ATTACHMENTS

1. Letter of transmittal to City Manager, May 29, 2014 from Chief Financial & Administration Officer, TTC
2. Toronto Transit Commission Report No.16, Prince Edward Viaduct Pier Rehabilitation: Cable Replacement, May 28, 2014