

For Information Only

Regent Street Rock Fall Emergency Repairs

Presented To:	City Council
Presented:	Tuesday, Jan 27, 2015
Report Date	Friday, Jan 16, 2015
Type:	Correspondence for Information Only

Recommendation

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Finance Implications

The cost for this construction work will be charged to the Roads Contingency Capital Account.

Introduction:

This report has been prepared to fulfill the requirements of the City's Purchasing By-law 2006-270 which states "a report to Council shall be made by the General Manager or the Agent in all circumstances where the Emergency purchase exceeds \$35,000." The bylaw defines emergency as a situation which may affect the safety, health and/or welfare of the public. This report outlines the emergency work undertaken by CGS staff, the Engineering Consultant, and the Contractor on Regent Street from October 2, 2014 to October 16, 2014.

Background:

On the afternoon of October 2, 2014 a rockfall event occurred on the west side of Regent Street south of York Street. Approximately 50 cubic metres of rock fell off the rock face in this area with 10% of this rock spilling onto the travelled portion of Regent Street. Staff were immediately notified of the event and mobilized to provide traffic control for cleanup and evaluation. No vehicles or pedestrians were struck by the rockfall and damages were limited to the curb and asphalt on Regent Street.

Immediately following the rockfall event Staff requested a contractor, Bruce Tait Construction Ltd. (Contractor) to attend the site to remove the rock which had spilled onto Regent Street. This Contractor is frequently contacted to carry out emergency work for Infrastructure Services as they are able to mobilize heavy equipment on short notice and have the experience to carry out this type of emergency work. Staff also requested a local Rock Engineering Specialist, David F. Wood Consulting Ltd., to attend the site to evaluate the rock face and determine if there were any hazards associated with the remaining rock

Signed By

Report Prepared By

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Roads Engineer
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Division Review

David Shelsted
Director of Roads & Transportation Services
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Recommended by the Department

Tony Cecutti
General Manager of Infrastructure Services
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Recommended by the C.A.O.

Doug Nadorozny
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face. Mr. David F. Wood is a Rock Engineer with over 30 years of international experience and is based locally.

The Rock Engineer advised that based on the condition and type of rock in the area, there appeared to be additional hazards in the area of the rockfall and a detailed appraisal of the area rock face was recommended. Staff authorized the Rock Engineer to carry out the detailed appraisal of the area rock face, which resulted in a recommendation to carry out scaling of the rock face in areas adjacent to the rockfall within the Regent Street right of way.

The Contractor continued to work at scaling the existing rock faces, removing approximately 1,700 tonnes of scaled rock from the site and restoring the site until completion on October 16, 2014. The invoice received from the Contractor for the work associated with the rockfall and road restoration is in the amount of \$61,949.00+HST. This invoice will be paid from the Roads Contingency Capital Account.