

---

**TO:** CITY MANAGER **DATE:** 2011 July 20

**FROM:** DIRECTOR ENGINEERING **FILE:** 35000 40  
*Reference: Stil 09*

**SUBJECT: THE 2011 MRN INFRASTRUCTURE REHABILITATION PROGRAM**

**PURPOSE:** To seek approval of the revised expenditure for engineering services related to the 2011 Major Road Network infrastructure rehabilitation program.

---

**RECOMMENDATION:**

- 1. THAT** Council approve the revised amount of \$286,300 (inclusive of 12% HST) under the existing Engineering Agreement E10-2011 with ISL Engineering and Land Services Ltd. as described in this report.

**REPORT**

In 2011 April, an Engineering Agreement E10-2011 was awarded to ISL Engineering and Land Services Ltd. in the amount of \$209,580 (including 12 % HST). The scope of the project includes engineering design services and construction supervision related to the 2011 Major Road Network infrastructure rehabilitation program that included Marine Way, Canada Way, Boundary Road and Willingdon Ave.

During the design phase, it was determined that the Marine Way corridor between Nelson and Glenlyon Parkway, due to underlying poor soil conditions, would benefit from a non-conventional rehabilitation strategy utilizing an innovative foamed asphalt base stabilization technology. The foamed asphalt alternative would provide a more cost effective and better performance pavement structure, and would extend the useful life of the pavement surface. During the final design process, extra effort was also made to develop the traffic management plan for the Marine Way project to ensure that motorists and employees in the Glenlyon Industrial Park who will be affected by the construction are well informed of the lane closure plan, construction and timing, and turning restrictions. A newsletter, electronic announcement, signage and roadside message boards have been set up to provide information on the project and the impact on traffic movements.

The alternative design and traffic management plan required additional technical investigation and specifications preparation. The additional engineering cost incurred as a result of the extra work is \$76, 720 including 12% HST.

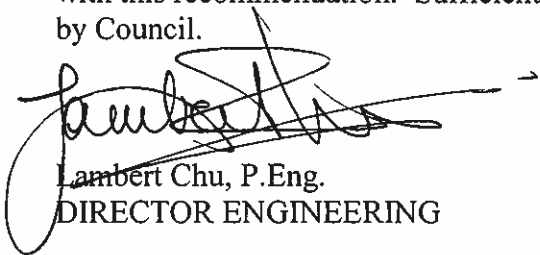
To: City Manager

From: Director Engineering

Re: Marine Way/Nelson

2011 July 20 ..... Page 2

It is recommended that the existing engineering agreement E10-2011 be revised to the total amount of of \$286,300 (inclusive of 12% HST), as outlined in this report. The Purchasing Manager concurs with this recommendation. Sufficient funds are available in the project budget previously approved by Council.



Lambert Chu, P.Eng.  
DIRECTOR ENGINEERING

AAS:br

Copied to: Director Finance  
Purchasing Manager  
City Solicitor