



DEVELOPMENT AND INFRASTRUCTURE SERVICES – ENGINEERING SERVICES
TOWN OF NEWMARKET
395 Mulock Drive www.newmarket.ca
P.O. Box 328 info@newmarket.ca
Newmarket, ON L3Y 4X7 905.895.5193

September 25, 2014

**DEVELOPMENT AND INFRASTRUCTURE SERVICES - ENGINEERING SERVICES
INFORMATION REPORT ES 2014-59**

TO: Mayor and Members of Council

COPY: Bob Shelton, P.Eng., CAO
Members of OLT / SLT

SUBJECT: Main Street North Interim Sidewalk

ORIGIN: Director, Engineering Services

PREAMBLE

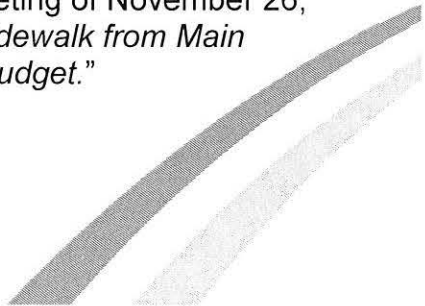
In accordance with the Procedure By-law, any Member of Council may request this Information Report be placed on an upcoming Committee of the Whole or Council agenda for discussion.

BACKGROUND/COMMENTS

The purpose of this report is to provide Council with information regarding a sidewalk / walkway along the east side of Main Street North from Bexhill Road to Old Main Street.

At the Committee of the Whole meeting of March 26, 2012, Mr. Jack West, of 155 Main Street North, presented a deputation that included a petition containing the signatures of 111 residents requesting that a sidewalk be built from 155 Main Street North (condominium) to London Road. Mr. West requested that the sidewalk be constructed on the east side of Main Street North to allow pedestrians to access the Tom Taylor Trail opposite London Road.

Council resolved "*That the matter be referred to staff to consider options for alternate or interim solutions for the near-term and long-term for what is considered a rural road and report to Committee of the Whole.*" Staff reported back to the Committee of the Whole of October 29, 2012, and Council resolved "*That staff include the construction of a temporary asphalt sidewalk on the east side of Main Street North, between Bexhill Drive and Deviation Road in the 2013 Capital Budget review process.*" Subsequently, at the Committee of the Whole meeting of November 26, 2012, Council resolved "*That the following projects be approved: Interim sidewalk from Main Street North to Old Main Street for \$150,000 financed from the operating budget.*"



This walkway was requested by residents to address the safety concerns of pedestrians walking along Main Street North in the subject area. There is currently no sidewalk or walkway to protect pedestrians along this stretch of road. Furthermore, this request aligns well with the Town's sidewalk policy, which encourages the construction of walkways to promote pedestrian safety and to establish links and connectivity between existing walkways and/or trails. The sidewalk to be constructed on Main Street North achieves the policy's objectives for connectivity by connecting with a sidewalk that leads to the Tom Taylor Trail, thereby encouraging physical activity and enhanced community well-being.

The 2013 Council-approved budget for the Main Street North Interim Sidewalk was set at \$150,000.00. This amount was allocated during the 2013 budget process as a preliminary estimate based on 2012 prices and prior to having any topographical or design information. After Council gave its direction to proceed with the walkway, \$11,432.00 was spent for pre-engineering technical investigations (topographic survey), so there is \$138,568.00 remaining in the budget.

Although it was originally hoped that the design would be simple enough to be handled in-house, the topographic survey and pre-design process showed that the site was much more complex than anticipated and that a qualified engineering consultant would have to be brought on board. As the design progressed, other factors emerged that added to the complexity of the project, including more extensive silt fencing required due to environmentally sensitive lands, higher volumes of backfilling needed to maintain a safe slope and widen the platform under the proposed sidewalk, the need to relocate Hydro and Bell infrastructure, the requirement for a low-maintenance, naturalized ground cover (i.e. "Terraseed") due to environmental conditions and a request from Public Works Services to reinstate drainage as part of the contract. All of these elements, in addition to an increase in prices since 2012, added more cost to the project than what had been expected.

The tender package and detailed construction estimates were prepared. With the detailed design in hand, the Town's Engineering Services staff estimated the tender price at \$171,100. The Town's consulting engineer estimated a total tender price of \$171,800 based on current rates. When the tenders were received, the lowest price was \$171,892.67 -- just one hundred dollars away from the engineer's estimate. This amount does not include a 5 percent contingency (expected to be sufficient, as this work does not require deep excavation) or costs for the consulting engineer's work, including site inspection and contract administration.

Therefore, the adjusted funding requirements to complete the project are as given in the table below:

Funding requirements for Main Street North Interim Asphalt Walkway:

Low tender price (includes 5% contingency)	\$180,500.00
GHD engineering fees (Des. and Contr. Admin.)	\$47,263.00
Utility relocations (approx.)	\$8,000.00
Sub-total	\$235,763.00
LESS funds remaining	-\$138,568.00
Total Additional Required Funding	\$97,195.00

BUDGET IMPACT

Capital Budget

In order to be able to proceed with the project, it is proposed that additional funds of \$97,195.00 be reallocated from other projects, the details of which will be provided with the fourth quarter Capital Budget report. This will ensure that there is no increase in the overall capital funding envelope and would be consistent with our financial policies. Finance Staff has been consulted and is in agreement with this approach.

CONSULTATION

The Finance and the Procurement Services departments were consulted.

HUMAN RESOURCE CONSIDERATIONS


No impact to current staffing levels.

BUSINESS PLAN AND STRATEGIC PLAN LINKAGES

- Living Well... focusing on health, safety and the environment to promote activity and enrich lives;
- Well Balanced... encouraging a sense of community through appropriate amenities;
- Well Respected... inspiring partnerships and co-operation with stakeholders that revolve around well-being, synergy and balanced living.

CONTACT

For more information on this information report, please contact Rachel Prudhomme at 905-953-5300 extension 2501, or by e-mail: rprudhomme@newmarket.ca.

Prepared by: 
Rachel Prudhomme, M.Sc., P.Eng
Director, Engineering Services


Peter Noehammer, P.Eng.
Commissioner, Development and Infrastructure Services