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ENVIRONMENTAL
SERVICE

FILE NO. E01



ENV. SERVICES
TRANS SERVICES

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October 20, 2011

Mr. Dennis Kelly
Regional Clerk
Regional Municipality of York
17250 Yonge Street
Newmarket, Ontario L3Y 6Z1



**RE: HIGHWAY 400
FROM NORTH OF MAJOR MACKENZIE DRIVE TO SOUTH CANAL BRIDGE
MINISTRY OF TRANSPORTATION OF ONTARIO W. P. 222-97-00
TRANSPORTATION ENVIRONMENTAL STUDY REPORT – ADDENDUM #3**

NOTICE OF SUBMISSION

Dear Mr. Kelly,

In compliance with the Ministry of Transportation of Ontario's ("MTO") Class Environmental Assessment for Provincial Transportation Facilities (as amended July, 2000) ("Class EA"), MTO has prepared an Addendum to the Transportation Environmental Study Report (TESR) for proposed improvements to Highway 400 between Major Mackenzie Drive and South Canal Bridge. The original TESR was filed in the Public Record in June 2002.

The purpose of this TESR Addendum is to document changes to the proposed preliminary design for the widening of Highway 400 with respect to the highway illumination (lighting) system. Based on further safety considerations – specifically, weaving of traffic in the corridor related to the service centres and within the High Occupancy Vehicle (HOV) access/egress zones - the Ministry of Transportation is proposing to extend the High Mast Lighting (HML) system from north of Teston Road to north of King Road, thereby providing continuous HML within the full extent of the current contract limits (north of Major Mackenzie Drive to King Road).

Without mitigation, the introduction of HML has the potential to result in unacceptable light trespass levels on properties abutting the Highway 400 corridor. Through the use of shielding, the modified highway lighting system has been designed to limit illumination levels to the required 1 lux level (metric unit for illumination levels) or lower at residential properties, and the 2.5 to 3.0 lux level for other areas abutting the highway corridor.

In compliance with MTO's Class EA, the TESR Addendum will be submitted to the Ministry of the Environment (MOE) for placement in the Public Record. The TESR Addendum will be available for a formal public review period of 30 calendar days, as noted in the attached Notice of Submission.



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The Notice of Submission will be placed in two local newspapers (the King Weekly and the Vaughan Weekly) on October 26, 2011, and will advise the general public of the placement of the document in the Public Record and of the locations and dates where the TESR Addendum may be viewed by any interested parties.

If you have any questions or comments, please contact the undersigned.

Yours very truly,

SNC-Lavalin Inc.

Ian K. Upjohn, MCIP, RPP
Principal Planner

cc : Heather Glass/Larry Sarris – MTO Central Region
Peter Lau – SLI

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NOTICE OF SUBMISSION

Transportation Environmental Study Report – Addendum #3

Highway 400 From North of Major Mackenzie Drive to South Canal Bridge

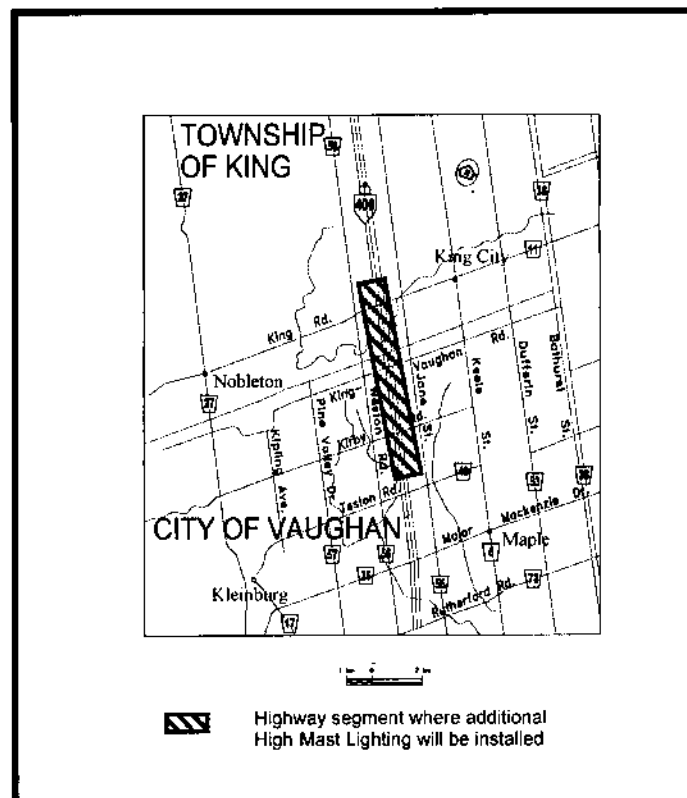
Ministry of Transportation of Ontario
W. P. 222-97-00

City of Vaughan
Township of King
Regional Municipality of York

THE PROJECT

In compliance with the Ministry of Transportation of Ontario's ("MTO") Class Environmental Assessment for Provincial Transportation Facilities (as amended July, 2000) ("Class EA"), a Transportation Environmental Study Report (TESR) for proposed improvements to Highway 400 between Major Mackenzie Drive and South Canal Bridge was filed in the Public Record in June 2002. The TESR was submitted to document the transportation engineering and environmental protection proposals at a Preliminary Design level of detail.

Since that time, MTO has commenced Detail Design of the proposed Highway 400 improvements and has determined that significant changes to the proposed Preliminary Design are required. The Class EA also includes provisions for documenting such changes through the preparation of an Addendum to the TESR. The purpose of this TESR Addendum is to document changes to the proposed preliminary design for the widening of Highway 400 with respect to the highway illumination (lighting) system. Based on further safety considerations – specifically, weaving of traffic in the corridor related to the service centres and within the High Occupancy Vehicle (HOV) access/egress zones – the Ministry of Transportation is proposing to extend the High Mast Lighting (HML) system from north of Teston Road to north of King Road, thereby providing continuous HML within the full extent of the current contract limits (north of Major Mackenzie Drive to King Road). The key plan below shows the location of the proposed Highway 400 illumination system changes.



Without mitigation, the introduction of HML has the potential to result in unacceptable light trespass levels on properties abutting the Highway 400 corridor. Through the use of shielding, the modified highway lighting system has been designed to limit illumination levels to the required 1 lux level (metric unit for illumination levels) or lower at residential properties, and the 2.5 to 3.0 lux level for other areas abutting the highway corridor.

THE STUDY PROCESS

In compliance with MTO's Class EA, a TESR Addendum has been prepared and submitted for information purposes to the **Ministry of the Environment (MOE), Central Region, 5775 Yonge Street, 8th Floor, Toronto, Ontario M2M 4J1** and placed in the Public Record for a formal review period of 30 calendar days. The TESR Addendum provides a description of the recommended design changes, associated environmental impacts and proposed mitigation measures.

In addition to the MOE Central Region office location, the TESR Addendum is available for a 30 calendar day public review between the dates of **October 27, 2011** and **November 28, 2011** at the following locations.

Ministry of Transportation
Central Region
Planning & Environmental Office
3rd Floor, Building D
1201 Wilson Avenue
Downsview, Ontario M3M 1J8
Mon-Fri 8:00am – 5:00pm

Township of King
Clerk's Office
2075 King Road
King City, Ontario L7B 1A1
Mon-Fri: 8:30 AM – 4:30 PM

City of Vaughan
Clerk's Office
2141 Major Mackenzie Drive
Vaughan, ON L6A 1T1
Mon-Fri 8:30am – 4:30pm

King City Public Library
1970 King Road
King City, Ontario L7B 1A6
Mon-Fri 10:00am – 8:00pm
Sat 10:00am – 5:00pm
Sun 1:00pm – 4:00pm

Maple Public Library
10190 Keele Street
Maple, Ontario L6A 1G3
Mon & Wed 1:00pm – 9:00pm
Tues & Thurs 10:00am – 9:00pm
Fri – Sat 10:00am – 5:00pm
Sunday 1:00pm – 5:00pm

COMMENTS

The review period will terminate on **November 28, 2011**, after which construction may proceed, contingent upon the receipt of all other required approvals, permits and authorizations. If you have any comments, questions or concerns regarding this TESR Addendum, please contact one of the following Project Team members:

Mr. Peter Lau, P. Eng.
Project Manager
SNC-Lavalin Inc.
195 The West Mall
Toronto, Ontario M9C 5K1
Telephone: (416) 252-5311
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e-mail: Peter.Lau@sncclavalin.com

Ms. Heather Glass, P.Eng.
Senior Project Engineer
Ministry of Transportation
Highway Engineering – York-Simcoe
Central Region
4th Floor, Building D
1201 Wilson Avenue
Downsview, Ontario M3M 1J8
Telephone: (416) 235-5521
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E-mail: Heather.Glass@ontario.ca

If you have serious concerns about the proposed design changes that cannot be resolved through discussions with MTO, you may request that the Minister of the Environment (12th Floor, 135 St. Clair Avenue West, Toronto, Ontario, M4V 1P5) "bump up" (i.e., make a Part II Order for) this project, thereby requiring the preparation of an Individual Environmental Assessment for the changes documented in the TESR Addendum. Any bump-up request must be received by the Minister within the 30-day public review period and be copied to MTO and SNC-Lavalin Inc. at the addresses above.

Information will be collected and used in accordance with the *Freedom of Information and Protection of Privacy Act*, and solely for the purpose of assisting the Ministry of Transportation in meeting the requirements of the *Environmental Assessment Act*. With the exception of personal information, all comments will become part of the Public Record.