

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF FEBRUARY 18, 2014**

Item 11, Report No. 6, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on February 18, 2014.

**11                                      AWARD OF REQUEST FOR PROPOSAL 13-460  
CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR HUNTINGTON ROAD FROM  
LANGSTAFF ROAD TO NASHVILLE ROAD  
SELECTION OF CONSULTANT  
WARDS 1 AND 2 – PART OF THE WEST VAUGHAN EMPLOYMENT AREA SECONDARY PLAN**

**The Committee of the Whole recommends:**

- 1)        That the recommendation contained in the following report of the Commissioner of Engineering and Public Works and Director of Development / Transportation Engineering, dated February 4, 2014, be approved; and**
- 2)        That staff provide a report on a suitable transition plan for the gap section of Huntington Road to ensure appropriate service before Hwy 427 and the intersection at Major Mackenzie Drive is complete.**

**Recommendation**

The Commissioner of Engineering and Public Works and Director of Development / Transportation Engineering, in consultation with the Director of Purchasing Services and the Director of Development Finance and Investments, recommend:

1.        THAT Delcan Corporation be retained to provide the necessary engineering services to complete the Huntington Road Class Environmental Assessment Study from Langstaff Road to Nashville Road at an estimated cost of \$419,924 plus applicable taxes and administration recovery;
2.        That a 10% contingency allowance of \$41,992 for the Study be approved, within which the Commissioner of Engineering and Public Works or his designate is authorized to approve amendments to the Contract with Delcan Corporation; and
3.        That the Mayor and Clerk be authorized to sign the necessary agreements and documents in connection with approved Capital Project DT-7025-09.

**Contribution to Sustainability**

In considering the objectives of the City's Community Sustainability and Environmental Master Plan (Green Directions Vaughan), urbanizing and widening of Huntington Road will assist in:

- Developing a City with sustainable built form
- Establishing a network of sidewalks, paths and trails that support all modes of non-vehicular transportation
- Developing a network of primary roads that support efficient and accessible public and private transit
- Reducing single occupant vehicle trips by supporting active transportation, carpooling and public transit
- Achieving sustainable growth and development

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#### **Economic Impact**

Based on the results of the Request for Proposal process, the undertaking of the Huntington Road Class Environmental Assessment Study is estimated to cost \$505,110. Approved Capital Project DT-7025-09 allocated funding from City-Wide Development Charges in the amount of \$628,500, for the completion of this study. Accordingly, there are sufficient funds budgeted to carry out the Study.

#### **Communications Plan**

The Huntington Road Class Environmental Assessment Study will include a comprehensive public consultation program comprising of public meetings held at key stages during the study together with a stakeholder consultation group and technical advisory committee. Staff will use the City's website, printed media, correspondence and email to notify stakeholders of public information centres and notices related to the study. A communications database will be established and kept up to date with all agencies, stakeholders, property owners and other individuals contacted over the duration of the Study.

Staff have identified \$20,000 in additional project costs to cover necessary expenses as part of the comprehensive public consultation program. These expenses may include, but are not limited to, print media, advertisement and venue expenses.

Staff will ensure all public communication and consultation is closely coordinated with interested ratepayer groups, stakeholders and agencies in accordance with the Schedule 'C' requirements of the MEA Municipal Class Environmental Assessment process.

#### **Purpose**

The purpose of this report is to seek Council approval to retain Delcan Corporation to complete the necessary Class Environmental Assessment (EA) for the widening, reconstruction and urbanization of Huntington Road between Langstaff Road and Nashville Road.

#### **Background**

**Huntington Road is one of the City of Vaughan's critical infrastructure improvements required to accommodate growth**

Huntington Road is a two-lane rural roadway with paved and gravel sections, located on the west side of the City of Vaughan. It serves as a continuous collector roadway from Highway 7 to Kirby Road. The capacity and structure of Huntington Road requires improvements to accommodate the planned residential and employment growth in the area. This road improvement is required to be completed by 2021 as per the approved Vaughan Transportation Master Plan (2011) and supporting Transportation Plan for the West Vaughan Employment Area (WVEA) Secondary Plan.

In 2011, construction of a trunk sanitary sewer and watermain took place along Huntington Road in the segment stretching from Rutherford Road to McGillivray Road, necessitating a temporary road closure. The section of the sanitary sewer between Rutherford Road and Trade Valley Drive was subsequently constructed in 2012. Following the sewer installation, Huntington Road was restored to its original rural road condition and currently continues to operate with a half-load restriction.

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#### **Completion of the Huntington Road Class EA Study will facilitate implementation of the necessary improvements, in conjunction with development**

The Block 61 West development (Nashville Heights) was approved by Council in 2011, and is expected to house approximately 3,900 low-density residential units with a population of 13,000 people at full build-out. The first phase of the development is currently underway comprising of 643 residential units.

In addition to active residential development in Block 61, ongoing industrial development in Block 64 and forthcoming development in Block 59, which are located on either side of Huntington Road, also necessitate the need to advance the environmental assessment study, so the widening of and reconstruction of Huntington Road can be completed concurrently or in step with the adjacent development.

The required improvements to Huntington Road will facilitate ongoing and future development in the area, and increase road capacity. These improvements will also provide seamless road travel continuity and help alleviate congestion on adjacent roads.

#### **The Class Environmental Assessment study will establish the preferred design for the Huntington Road improvements**

The EA will establish the preferred design alternative for Huntington Road with consideration for a set technical, environmental, socio-economic and financial screening criteria.

It is also recognized that the preferred design alternative for the Highway 427 Transportation Corridor identifies an alignment that passes through the Huntington Road and Major Mackenzie Drive Avenue intersection. This alignment and future interchange at Major Mackenzie Drive will result in the discontinuation of Huntington Road at McGillivray Road. Therefore, the study area for this EA will consist of two separate parts: Part A from Langstaff Road to McGillivray and Part B from north of Major Mackenzie Drive to Nashville Road as shown on Attachment No.1.

As part of the assignment, the consultant will advance 30% design for critical segments to accommodate ongoing residential and employment developments.

#### **Request for Proposal Process**

On December 3, 2013, the Purchasing Services Department issued a Request for Proposal (RFP13-460) for the retention of a consulting engineering firm to assist the City in undertaking the Environmental Assessment Study for the widening and urbanization of Huntington Road between Langstaff Road Nashville Road. In accordance with the City's Purchasing Policy for projects of this magnitude, the RFP was publically advertised using the following publication sources:

- City Website
- Ontario Public Buyer's Association Website
- Electronic Tendering Network (Biddingo)

#### **The City received a total of seven proposals for the EA Study**

A total of seven (7) documents were picked up for the EA Study. One (1) addendum was issued to answer questions received. Of these, seven (7) proposals were received from the following companies before the closing schedule:

- Delcan Corporation
- Morrison Hershfield Limited
- CIMA Canada Inc.

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- GENIVAR Inc.
- Cole Engineering Group Ltd.
- MMM Group Limited
- SNC-Lavalin Inc.

All proposals submitted were considered compliant and further evaluated by an evaluation committee comprising of staff from the City's Development/Transportation Engineering, Engineering Services and Purchasing Services Departments.

The proposals were evaluated based on the following criteria, which was provided in each of the RFP documents:

- Qualifications and Experience – 40%
- Quality of the Proposals – 25%
- Project Management – 15%
- Financial – 20%

**Based on the evaluation committee's review of the proposals, Delcan Corporation scored the highest ranking for this study**

Based on the evaluation committee's review of the proposals, it was determined that Delcan Corporation scored the highest ranking for this study, and successfully fulfilled all of the City's technical requirements and qualifications related to this project. As such, the evaluation committee is satisfied that Delcan Corporation has met all the required qualifications to successfully complete the Environmental Assessment Study.

**The duration of this assignment will be approximately 14 months**

The duration of this assignment will be approximately 14 months. The total estimated cost to complete this study, including Delcan Corporation's engineering consulting services and applicable taxes (HST) is summarized in Table 1 below:

**Table 1: Project Funding Summary**

Item	Cost
Part A: Langstaff Road to McGillivray	\$239,639
Part B: Major Mackenzie Dr. W to Nashville Road	\$180,285
<b>Sub-Total</b>	<b>\$419,924</b>
Additional Project costs	\$20,000
Contingency Allowance (10%)	\$41,992
<b>Sub-Total</b>	<b>\$481,916</b>
Non-Rebatable Portion of H.S.T. (1.76%)	\$8,482
<b>Sub-Total</b>	<b>\$490,398</b>
Administration Recovery (3%)	\$14,712
<b>Total Cost (rounded)</b>	<b>\$505,110</b>
Total Approved Funds	\$628,500

## **CITY OF VAUGHAN**

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Additional project costs of \$20,000 have been identified as an appropriate amount to cover necessary City expenses as part of the comprehensive public consultation program identified in the Communications Plan. These expenses may include, but not limited to, print media, advertisement and venue expenses.

The project is not considered to be high in complexity and is of short duration with a well-defined scope. Therefore, a typical contingency allowance of 10% has been identified as an appropriate amount to address any unforeseen work in completing the scope of this project.-

#### **Relationship to Vaughan Vision 2020 / Strategic Plan**

The recommendations contained in this report are consistent with the priorities set by Council. The necessary resources have been allocated and approved.

Specifically, the recommendations in this report support the following Vaughan Vision 2020 initiatives:

*Demonstrate Excellence in Service Delivery* – the proposed Huntington Road improvements are essential for effective delivery of infrastructure improvements to citizens;

*Plan and Manage Growth and Economic Vitality* – the proposed Huntington Road improvements are critical elements required to accommodate growth and implement the Growth Management Strategy as set out in the Vaughan Official Plan 2010 and Transportation Master Plan 2011; and

*Lead and Promote Environmental Sustainability* – the Environmental Assessment Study will focus on identifying new ways to provide more sustainable travel alternatives now and in the future.

#### **Regional implications**

As a key stakeholder, it is expected that York Region staff will be involved throughout the duration of the study.

#### **Conclusion**

The Huntington Road Class Environmental Assessment Study will facilitate the implementation of the necessary roadway improvements to support growth as identified in the City's Transportation Master Plan.

Based on the results of the Request for Proposal RFP 13-460 process, Delcan Corporation scored the highest ranking; successfully fulfilled all of the City's technical requirements related to the study and accordingly had the best overall proposal.

It is recommended that Delcan be retained to undertake this Class EA study.

#### **Attachments**

1. Location Map

#### **Report prepared by:**

Mani Shahrokni, Transportation Engineer, Ext. 8163  
Selma Hubjer, Manager of Transportation Engineering, Ext. 8674

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

## **COMMITTEE OF THE WHOLE – FEBRUARY 4, 2014**

### **AWARD OF REQUEST FOR PROPOSAL 13-460 CLASS ENVIRONMENTAL ASSESSMENT STUDY FOR HUNTINGTON ROAD FROM LANGSTAFF ROAD TO NASHVILLE ROAD SELECTION OF CONSULTANT WARDS 1 AND 2 – PART OF THE WEST VAUGHAN EMPLOYMENT AREA SECONDARY PLAN**

#### **Recommendations**

The Commissioner of Engineering and Public Works and Director of Development / Transportation Engineering, in consultation with the Director of Purchasing Services and the Director of Development Finance and Investments, recommend:

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## **Report prepared by:**

Mani Shahrokni, Transportation Engineer, Ext. 8163  
Selma Hubjer, Manager of Transportation Engineering, Ext. 8674

Respectfully submitted,

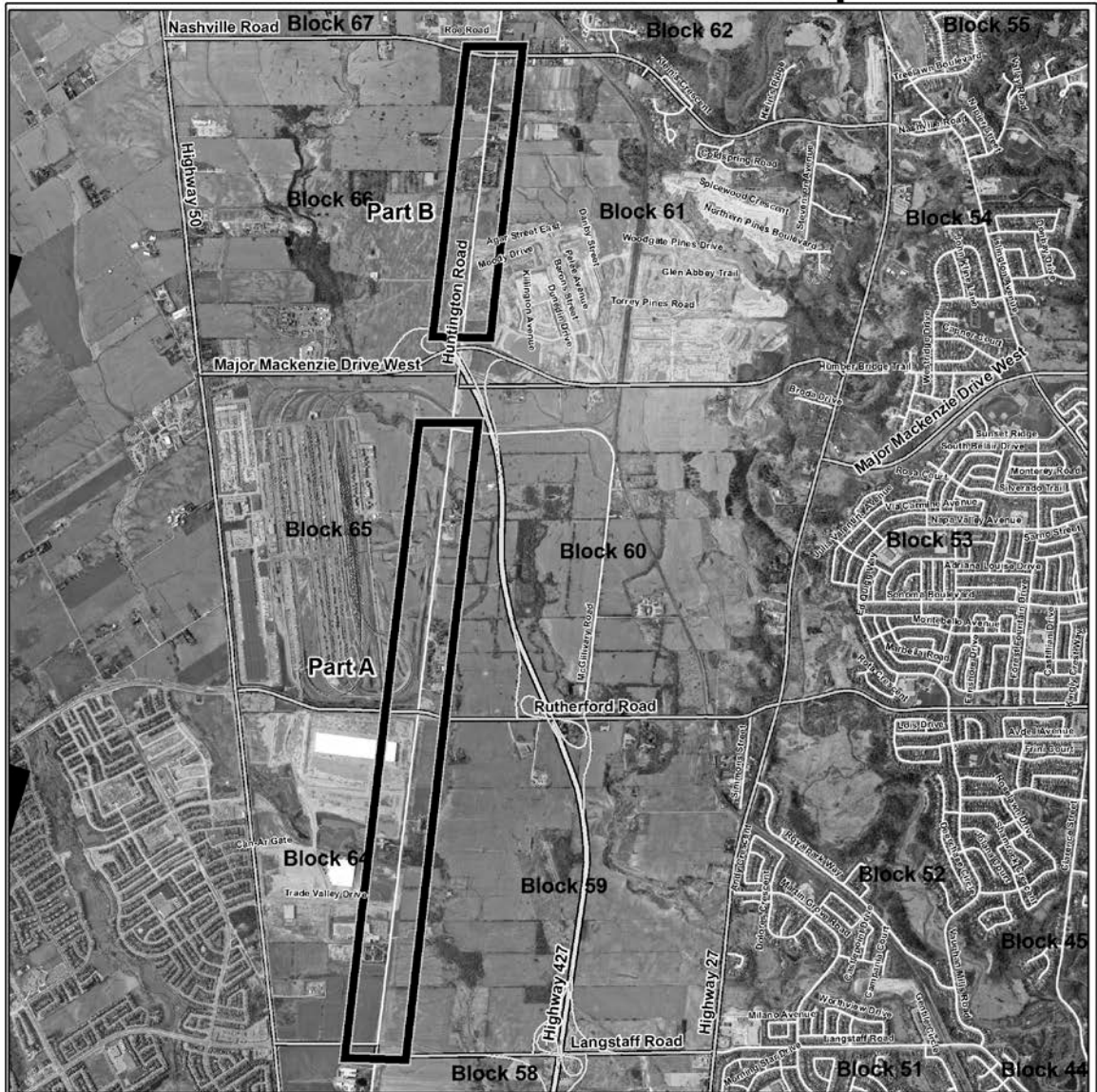
Paul Jankowski, P. Eng.

Commissioner of Engineering  
And Public Works

Andrew Pearce, C.E.T.


Director of Development /  
Transportation Engineering

# Attachment 1: Location Map



## Huntington Road From Langstaff Road to Nashville Road

### LEGEND

-  Approx Study Area
- DTAADMIN.vblocks\_sp

Note: Aerial photography acquired in spring, 2013



NOT TO SCALE