

COMMITTEE OF THE WHOLE – MARCH 31, 2009

TEMPORARY ROAD CLOSURE HUNTINGTON ROAD FROM LANGSTAFF ROAD TO RUTHERFORD ROAD WARD 2

Recommendation

The Commissioner of Engineering and Public Works recommends:

That the necessary by-law be passed authorizing the temporary closure of Huntington Road from the Langstaff Road (south leg) to Rutherford Road to facilitate the timely construction of the proposed trunk sanitary sewer extension that will service the Hunters Glen Industrial Subdivision, 19T-06V13 in Block 64, which is tentatively scheduled to occur between April 14, 2009 and September 04, 2009 inclusive.

Economic Impact

There are no immediate economic impacts resulting from the adoption of this report. All costs associated with the proposed sewer works and road closure will be borne by the developer of Hunters Glen Industrial Subdivision.

Communications Plan

A comprehensive communication plan will be implemented to inform all stakeholders of the proposed temporary Huntington Road closure and related detour routes. This communication plan will include written notification of the road closure to the area property owners and stakeholders including emergency public service agencies (police, fire and ambulance) and public and school transit authorities. Since the closure of this section of Huntington Road will effectively also close Langstaff Road because of the existing jog at the intersection of Huntington and Langstaff Road, the Region of York has requested that the appropriate notice be advertised in the local newspapers advising the general public of the proposed road closures.

Access Vaughan will be provided with information regarding the closure and associated contact information in order to effectively respond to enquiries from the general public. The developer's contractor will be responsible for the installation and maintenance of all barricades and construction signage in order to provide pedestrian safety and local access around the construction area. The appropriately worded road side signage will be installed a minimum of two weeks prior to the road closure as a means of informing motorists of the temporary road closure in accordance with the Ontario Traffic Manual, Book 7.

Access to seven properties along this section of Huntington Road will be directly affected by the road closure. The owners of these properties will be contacted directly and arrangements made to ensure that local access is maintained at all times during the road closure period.

The proposed sewer construction and the associated temporary road closures are being coordinated with both the Region of York and Region of Peel.

Purpose

The purpose of this report is to seek Council's approval of the temporary closure of Huntington Road from Langstaff Road (south leg) to Rutherford Road to facilitate the timely construction of the proposed trunk sanitary sewer that will service the Hunters Glen Industrial Subdivision in Block 64.

Background – Analysis and Options

The Hunters Glen Industrial Subdivision, Draft Plan of Subdivision 19T-06V13, is a 310 hectare industrial development located south of Rutherford Road between Huntington Road and Highway 50 as shown on Attachment 1. This industrial development will be serviced by the northerly extension of the existing 750 mm diameter trunk sanitary sewer located on Huntington Road just south of Langstaff Road. The trunk sewer will need to be extended northerly on Huntington Road approximately 1500 metres to a point just north of the Robinson Creek as shown on Attachment 1. The trunk sewer will be located approximately 1.5 metres east of the existing center line of the road and have a depth ranging between 6 and 14 metres deep. Given the depth and location of the sewer, the size of the excavation will in many locations extend the full width of the traveled roadway. Accordingly, it will be necessary to close the road to general traffic during the period of construction. The closure of the road will also establish a safer work environment for the construction workers and will significantly shorten the construction time frame for the project. A shorter construction period will minimize the disruption to the immediate property owners and motorists.

Construction of the trunk sanitary sewer is estimated to take about 21 weeks to complete weather permitting. The initial stage of the construction will include the section of sewer in the vicinity of the Langstaff Road/Huntington Road intersections and is expected to take about seven weeks to complete (extend from April 14, 2009 to the end on May 30, 2009). Once the sewer has been constructed beyond the influence of the intersection of Langstaff Road/Huntington Road, Langstaff Road can be reopened to traffic. This stage of the sewer works has been coordinated with the Region of York so it is in sequence with the widening and reconstruction of Langstaff Road, which is proposed to commence in late spring 2009.

The construction of the balance of the trunk sewer to a point about 1250 metres north of Langstaff Road will take a further 12 weeks to complete (June 1, 2009 to September 04, 2009). Following the sewer installation, Huntington Road will be restored to its existing rural road condition. Ultimately, Huntington Road will be reconstructed to an urban standard to support the development of the surrounding industrial lands. The necessary Class Environmental Assessment will be undertaken in 2009 to establish the width and preferred design of the Huntington Road improvements.

Road Closure Logistics

Road closure signage and barricades will be installed by the contractor at the intersections of Highway 50 and Langstaff Road, Huntington Road and Rutherford Road, Huntington Road just south of Langstaff Road and on Langstaff Road at a point about 400 metres east of Huntington Road as a means of notifying motorists of the closure period together with the appropriate detour route information signage as generally shown on Attachment 1.

During the road closure, emergency access will be maintained to the area at all times. Access to seven properties on Huntington Road will be directly affected by the road closure. These properties share a combination of land uses such as rural residential agricultural, automotive, supply depot and construction industry training centre.

Staff has contacted the construction industry training centre and are advised that their peak business period was between January to June consisting of daily bus traffic in the a.m. and p.m.. In order to minimize any access interruption to the construction industry training centre and to the other properties along Huntington Road, construction will be staged to allow road access to remain open from the north from Rutherford Road in the early stage and once the intersection of Langstaff Road is reopened, local traffic will be allowed road access from the south to their properties. The closure of the road may have different specific interruption to these properties because of the varied land uses, however, every effort will be made to maintain local access and inform all affected residents to lessen any impacts.

Servicing Agreement

Prior to the commencement of construction, the developer will need to enter into a servicing agreement with the City to address matters such as securities, insurance, charges and construction specifications and staging.

Relationship to Vaughan Vision 2020

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- The pursue of excellence in service delivery;
- Enhancing and ensuring Community Safety;
- Promoting effective governance; and
- Planning and managing growth, and economic vitality.

This report is therefore consistent with the priorities previously set by Council.

Regional Implications

The closure of Huntington Road will effectively also close Langstaff Road because of the existing jog at the intersection of Huntington and Langstaff Road. Pursuant to Report No.7 of the Transportation and Works Committee, Regional Council Meeting of September 18, 2008, the Region is planning on closing Langstaff Road between Highway 50 and Highway 27 in the spring of 2009 to facilitate the reconstruction and widening of Langstaff Road. On March 19, 2009, Regional staff advised that they had no objections to the temporary closure of Langstaff Road from Highway 50 to 400m east of Huntington Road for the proposed sewer works subject to a number of conditions including the requirement to complete the works in the vicinity of the intersection of Huntington Road and Langstaff Road by May 30, 2009.

The closure of the intersection will close all road traffic on Langstaff Road from Highway 50 to 400m east of Huntington Road. A temporary turning circle will be constructed at the barricade located on Langstaff Road between Highway 27 and Huntington Road for local traffic.

The Regional staff has advised that they intend to begin the widening and reconstruction of Langstaff Road between Highway 50 and Highway 27 in the spring of 2009. These road works will include the re-alignment of the existing jog at the intersection of Huntington Road and Langstaff Road. The Region's road project may result in Langstaff Road being closed to traffic during the summer of 2009.

Conclusion

To facilitate the timely construction of the sanitary trunk sewer on Huntington Road, it is recommended that a by-law be passed to implement the temporary road closure of Huntington Road from Langstaff Road (south leg) to Rutherford Road during the period between April 14, 2009 and September 04, 2009.

A comprehensive communication plan will be implemented to inform all stakeholders of this temporary road closure as set out in this report. In addition, City Development Engineering staff will continue to monitor and coordinate the construction and staging of the sewer and road works with the Region of York and the Region of Peel to ensure the works are completed in a timely manner.

Attachments

1. Attachment No. 1 – Location Plan

Report prepared by:

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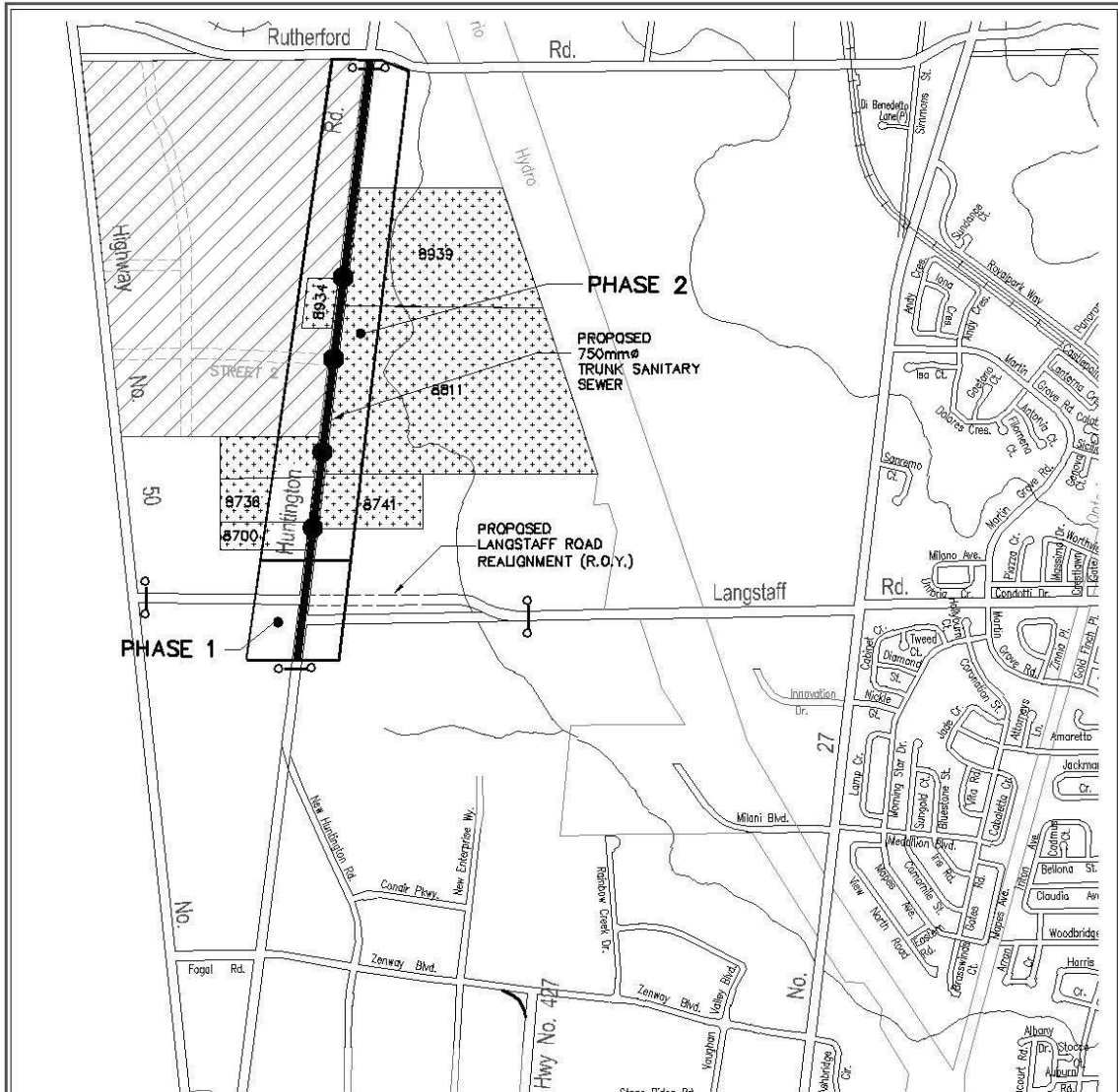
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Andrew Pearce, C.E.T.
Director of Development/
Transportation Engineering

ZY/fc

ATTACHMENT No. 1







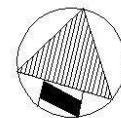
BOCA EAST INVESTMENTS 19T-06V13

HUNTINGTON ROAD

TEMPORARY ROAD CLOSURE

LEGEND

-  ROAD BARRICADE
-  PROPOSED TRUNK SANITARY SEWER
-  LIMITS OF TEMPORARY ROAD CLOSURE
-  HUNTER GLEN IND. SUBDIVISION (19T-06V13)



NOT TO SCALE

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