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LOAD RESTRICTION REMOVAL AND PUBLIC HIGHWAY DESIGNATION LANGSTAFF ROAD FROM HIGHWAY 27 TO HIGHWAY 50, CITY OF VAUGHAN

The Transportation Services Committee recommends the adoption of the recommendations contained in the following report dated September 19, 2012, from the Commissioner of Transportation and Community Planning.

1. RECOMMENDATIONS

It is recommended that:

1. The Load Restriction Bylaw No. R-1472-2007-086 be amended to remove the location of Langstaff Road (Y.R. 72) between Highway 50 (Y.R. 24) and Highway 27 (Y.R. 27).
2. The lands associated with the current Langstaff Road (Y.R. 72) alignment, a result of eliminating the jog at Huntington Road in the City of Vaughan, being Part 2 on Reference Plan 65R27883, be established as a public highway and incorporated into the Regional Road system as Langstaff Road (Y.R. 72).
3. The public highway designation for the lands associated with the original alignment of Langstaff Road (Y.R. 72) prior to the jog elimination, being Parts 4 and 5 on Reference Plan 65R27883, be removed by stopping up and closing said lands as public highway.
4. The Regional Clerk circulate this report to the Clerk of the City of Vaughan and to the Chief of York Regional Police.
5. The existing speed limit of 80 km per hour apply to the realigned portion of the highway.
6. The Regional Solicitor prepare the necessary bylaws.

2. PURPOSE

This report seeks Council approval to amend or pass the necessary bylaw required as a result of infrastructure improvements completed in 2011 on Langstaff Road between Highway 50 and Highway 27. The bylaws include removal of a load restriction and appropriate designation of lands to reflect the new Langstaff Road alignment which eliminated a jog at Huntington Road.

3. BACKGROUND

Improvements were completed on Langstaff Road in 2011 to increase capacity

As part of the Region's 10-Year Roads Construction Program, a project was undertaken to improve Langstaff Road. The project involved the reconstruction and widening of 3.8 kilometres of Langstaff Road in the City of Vaughan from two lanes to four lanes. The project also included the elimination of a jog in the area of Huntington Road. The newly reconstructed roadway has also been designed to accommodate heavy trucks which is an important role for Regional roads. The project area and jog elimination are shown in *Attachments 1 and 2*. *Attachment 3* shows photos of Langstaff Road, before and after the improvements before and after photos of Langstaff Road.

4. ANALYSIS AND OPTIONS

Council approval is required for the necessary bylaws that need to be completed to reflect the improvements completed on this section of Langstaff Road

The tasks include removal of a load restriction and appropriate designation of lands to reflect the new Langstaff Road alignment which eliminated the jog at Huntington Road.

LOAD RESTRICTION REMOVAL

Load restrictions protect pavement from damage by heavy commercial vehicles

All Regional roads are intended to be used for all trip purposes; however, many older roads cannot accommodate all types of trips. The purpose of a load restriction is to protect the pavement structure on roads that cannot accommodate the loading from heavy commercial vehicles and trailers. Restricting the weight of commercial vehicles mitigates the deterioration of the pavement condition until the roadway is upgraded. Load restrictions are solely based on the structural design of a roadway and should not be confused with truck bans, which are intended to restrict truck travel on certain roads for planning reasons.

With Improvements to Langstaff Road complete, the load restriction is no longer necessary

The pavement structure of Langstaff Road has been improved through the improvement project. This eliminates the need for a load restriction on this section of Langstaff Road. The load restriction signs were removed upon completion of the Langstaff Road reconstruction; however, the load restriction bylaw was not amended.

It is therefore recommended that the load restriction bylaw be amended to exclude Langstaff Road between Highway 50 and Highway 27.

ESTABLISHING LANDS AS PUBLIC HIGHWAY

The lands on the new Langstaff Road alignment, which eliminated the jog at Huntington Road, require a Public Highway designation

Lands were acquired as part of the Langstaff Road project in order to achieve the new alignment which eliminated the jog at Huntington Road. The enactment of a bylaw is required to establish the lands which accommodate the new Langstaff Road alignment as public highway within the Regional road system

The lands on the original Langstaff Road alignment need to be “stopped up and closed” for use as a public highway

As a result of the jog elimination at Huntington Road, the lands which accommodated the original alignment of Langstaff Road are no longer necessary to be designated as public highway. This section, being Parts 4 and 5 on Reference Plan 65R27883 is no longer open to vehicular traffic and requires the enactment of a bylaw to officially “stop up and close” as a public highway.

5. FINANCIAL IMPLICATIONS

There are no financial implications resulting from the recommendations of this report.

6. LOCAL MUNICIPAL IMPACT

Langstaff Road between Highway 27 and Highway 50 is under Regional jurisdiction. As the current restriction is currently not signed, there is no impact to the local municipality.

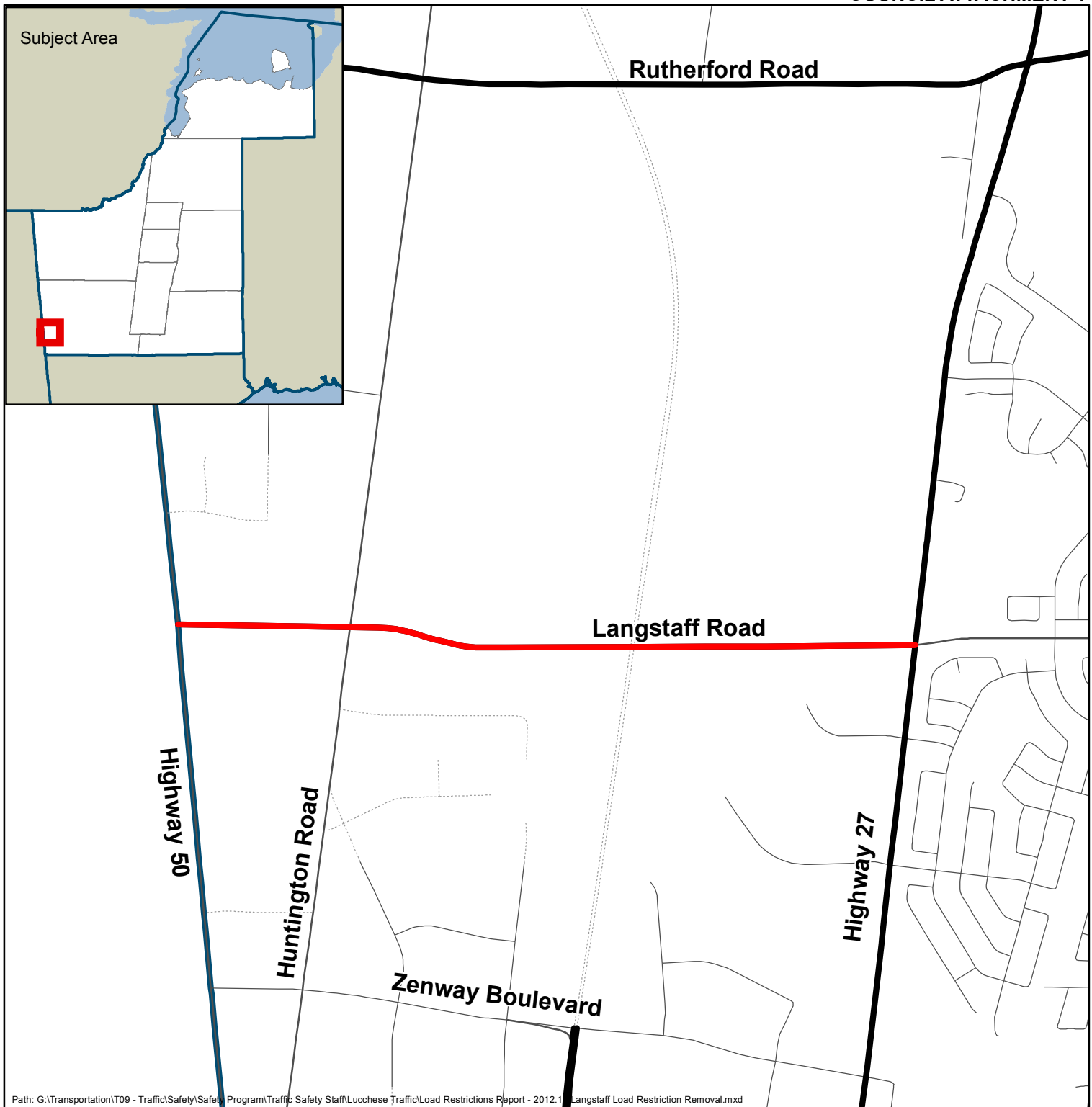
7. CONCLUSION

The load restriction on Langstaff Road, between Highway 50 and Highway 27, should be removed. The load restriction is no longer required as a result of roadway improvements which were completed in 2011. Appropriate land designations also need to be implemented to reflect the new Langstaff Road alignment which no longer includes a jog at Huntington Road.

For more information on this report, please contact Brian Titherington, Director, Roads at extension 5901.

The Senior Management Group has reviewed this report.

(The three attachments referred to in this clause are attached to this report.)



Langstaff Road Load Restriction Removal

Load Restriction Removal & Public Highway Designation
October 3, 2012



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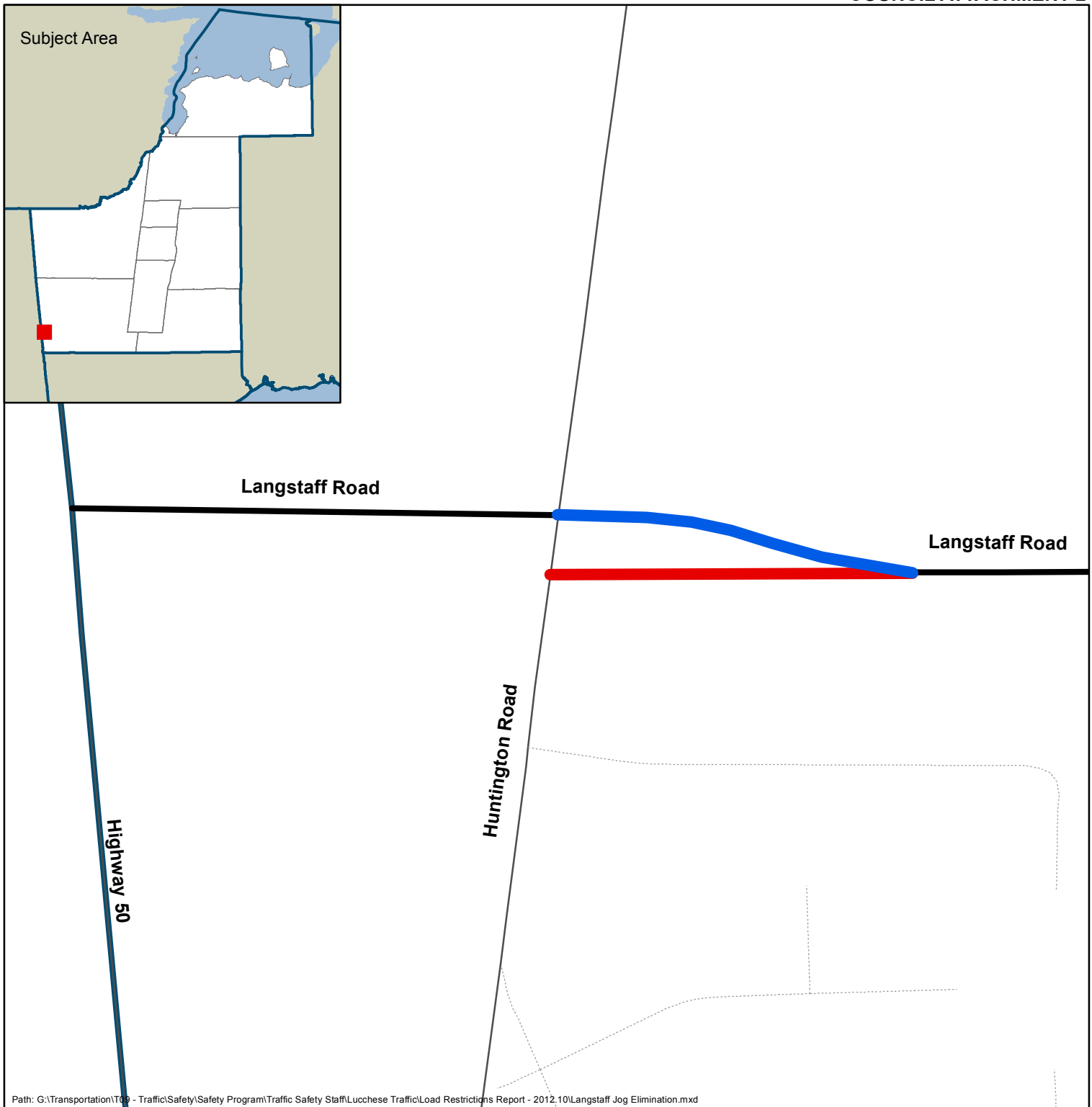
Legend

Load Restriction
to be Removed —

Regional Road —



0 500 1,000 1,500 2,000 m



Langstaff Road and Huntington Road Jog Elimination

Load Restriction Removal & Public Highway Designation
October 3, 2012



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0 200 400 m

Legend

Old Section of Langstaff Road
to Stop Up and Close



New Section of Langstaff Road
Jog Elimination



Regional Road



**Langstaff Road between Huntington Road and Highway 50
Looking west towards Highway 50**

Before Construction



After Construction in 2011

