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TRAFFIC REGULATIONS AND ROAD DEDICATION HIGHWAY 427 (Y.R. 99) CITY OF VAUGHAN

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, May 28, 2008, from the Commissioner of Transportation Services:

1. RECOMMENDATIONS

It is recommended that:

1. The Road Consolidation By-law R-1107-96-126 be amended to include the Region's temporary roadway, Highway 427 (Y.R. 99), extending from the north limit of Highway 7 (Y.R. 7), proceeding north to Zenway Boulevard, as shown on *Attachment 1*, with this amendment taking effect when the Highway 427 (Y.R. 99) is complete and ready to be opened to traffic.
2. The traffic regulations covering Through-Highway designation and speed limits as outlined in Tables A and B in *Attachments 2 and 3* be made applicable for the Highway 427 (Y.R. 99).
3. The Regional Solicitor prepare the necessary amendments to the by-laws.
4. The Regional Clerk forward this report to the Chief of Police and to the Clerk of the City of Vaughan.

2. PURPOSE

This report amends the Region's current Road Consolidation By-law to include the Region's temporary roadway, Highway 427 (Y.R. 99), as a Regional road and apply the traffic by-laws required for this road section.

3. BACKGROUND

In January of 2001, The Regional Municipality of York and the Regional Municipality of Peel initiated a study to address transportation needs in the area bounded by Steeles Avenue in the south, Nashville Road in the north, Highway 27 in the east and Airport Road in the west. This study identified road improvements were needed in the area to accommodate rapid growth. The new Highway 427 (Y.R. 99) temporary roadway is located in the south-west quadrant of the City of Vaughan and continues from Highway

7, on a north-south alignment, terminating at Zenway Boulevard approximately 1000 metres west of the intersection of Highway 27 and Zenway Boulevard. York Region and Peel Region are co-proponents of this project and are sharing the costs equally. Other stakeholders include the City of Vaughan, the Ministry of Transportation and area developers.

In consultation with the Ministry of Transportation, the Ministry has indicated that it will sign the Region's roadway as Highway 427 (Y.R. 99). The Regional road number 99 has already been assigned by Regional staff for this temporary roadway.

The Region is now completing the construction of the new roadway which is located entirely on Regional property and will be a Regional road until such time as the Province formally extends Highway 427 as a controlled access highway north of Highway 7. It is anticipated the new Highway 427 (Y.R. 99) will open in late summer of 2008.

Highway 427 is a King's Highway under the jurisdiction of the Ministry of Transportation. Currently, all northbound motorists must exit Highway 427 at Highway 7 and continue either east or west. Eastbound and westbound motorists on Highway 7 can access Highway 427 to travel southbound.

The Region's Highway 427 (Y.R. 99) will provide a connection between Provincial Highway 4277 and Zenway Boulevard, and will be a Regional road

Highway 427 (Y.R. 99) is a four lane facility, of which a portion is divided, with auxiliary lanes at the intersection of Zenway Boulevard. The intersection is a "tee" intersection, with traffic control signals, where northbound motorists on Highway 427 (Y.R. 99) must exit and travel east or west on Zenway Boulevard.

Zenway Boulevard is under the jurisdiction of the City of Vaughan and is a four lane east-west collector road that provides access to Highway 427 (Y.R. 99). This east-west link connects the Huntington Business Park and the Vaughan West Business Park in the south-west quadrant of the City of Vaughan. Zenway Boulevard was constructed in early 2007 and opened to traffic in the summer of 2007.

A location plan identifying this road section is appended to this report as *Attachment 1*.

4. ANALYSIS AND OPTIONS

The traffic regulations on Highway 427 (Y.R. 99) must be adopted and included in the Region's by-laws before the road opens to traffic

For the traffic regulations on the new Highway 427 (Y.R. 99) to be enforceable, they must be included in the Region's traffic by-laws. The regulations for these roadways are

in accordance with the *Highway Traffic Act* and must now form part of the Regional traffic by-laws. The amendments to the Region's traffic by-law are summarized in Tables A and B in *Attachments 2 and 3* appended to this report.

This section of the Highway 427 (Y.R. 99) is identified as:

Part 1, 2 and 9 on Plan 65R-29725, dated February 7, 2007, prepared by J. D. Barnes Limited, Ontario Land Surveyor;

The following traffic regulations will take effect upon opening of the Highway 427 (Y.R. 99) and must be adopted into the Regional by-laws:

- Through-Highway designation, Highway 427 (Y.R. 99) from the north limit of Highway 7 to the south limit of Zenway Boulevard
- 60 km/hour, on Highway 427 (Y.R. 99) from the north limit of Highway 7 to the south limit of Zenway Boulevard

For these traffic regulations to be enforceable, they must be included in the Region's traffic by-laws. These regulations must now be adopted and the Regional by-laws amended to include all appropriate traffic regulations for this section of Highway 427 (Y.R. 99). It is essential that all traffic regulations be incorporated into Regional traffic by-laws to enable police enforcement.

Regional staff will carry out detailed operational assessments and review traffic operations, in both the winter and summer months, and make recommendations for any changes or the need to implement additional by-laws.

5. FINANCIAL IMPLICATIONS

The cost to construct the Highway 427 (Y.R. 99) is included in Roads Capital Budget and is being cost shared between York Region and Peel Region. The cost associated with the manufacturing and installation of the required signs, in conjunction with this report, on the Highway 427 (Y.R. 99) is also included in the Roads Capital Budget.

6. LOCAL MUNICIPAL IMPACT

The Highway 427 (Y.R. 99) is a critical link in the road network in the south-west quadrant of Vaughan. This link will improve traffic operations in the area and provide additional capacity to accommodate the expected development in this area of the City of Vaughan and the York-Peel boundary.

7. CONCLUSION

With the future opening of the new Highway 427 (Y.R. 99), from the north limit of Highway 7 to the south limit of Zenway Boulevard, amendments to the Road Consolidation By-law R-1107-96-126 are required.

The Regional traffic by-laws must be amended to include all appropriate traffic regulations. It is essential that all traffic regulations be incorporated into Regional traffic by-laws. These amended by-laws will allow York Regional Police and Municipal Enforcement Officers to enforce the current posted traffic regulations.

Regional staff will carry out detailed operational assessments and review traffic operations on these sections of roadway and make recommendations for any changes or the need to implement additional by-laws.

For more information on this report, contact Paul Jankowski, General Manager, Roads, Roads Branch at extension 5901 in the Transportation Services Department.

The Senior Management Group has reviewed this report.

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