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TEMPORARY ROAD CLOSURE
PINE VALLEY DRIVE
CITY OF VAUGHAN

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, June 12, 2006, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The Commissioner of Transportation and Works be authorized to exercise the powers of Regional Council for the temporary closure of Pine Valley Drive (Y.R. 57) between Rutherford Road (Y.R. 73) and Major Mackenzie Drive (Y.R. 25) in the City of Vaughan.
2. The Regional Solicitor be authorized to prepare the necessary by-law.

2. PURPOSE

The purpose of this report is to obtain authorization for the Commissioner of Transportation and Works to temporarily close Pine Valley Drive between Rutherford Road and Major Mackenzie Drive (*see Attachment 1*) to through traffic to accommodate a construction project.

3. BACKGROUND

In order to complete some roadwork activities, it is often necessary to temporarily close sections of a road to through traffic. *The Municipal Act, 2001* allows a municipal council to delegate authority to temporarily close a road for the purposes of construction or maintenance.

It is difficult to pinpoint the required dates for the temporary closure, as construction schedules often change because of delays, weather, and/or supply of materials. It is therefore appropriate to delegate the authority to temporarily close the road to the Commissioner of Transportation and Works.

**3.1 Pine Valley Drive – Rutherford Road to Major Mackenzie Drive,
City of Vaughan**

The installation of a 1050mm diameter storm sewer within the pavement requires the closure of Pine Valley Drive immediately north of the Kortright Centre, to expedite the

work. The work will include installation of the storm sewer and all necessary restoration of the roadway and boulevard.

4. ANALYSIS AND OPTIONS

4.1 Rationale for Temporary Road Closure

Where possible, Regional staff co-ordinate construction activities to keep the road open to through traffic. However, it is not always feasible to maintain through traffic because of the very nature of the work and topography of the site. It is often safer and more cost effective to complete the work under a temporary full road closure.

The installation of a 1050mm diameter storm sewer will permit the development of the residential lands to the east of Pine Valley Drive opposite the Kortright Centre, being subdivision file no. 19T-89024.V. Prior to clearance for registration of the subdivision, this work must be approved.

Due to the location of the proposed work together with the topography of the area and the absence of municipal roads to provide a detour route, it is necessary to close the road.

A temporary road closure, where implemented, reduces safety risks to both the travelling public and work crews and provides a work environment that enhances construction quality. Furthermore, temporary closures significantly reduce the costs and time scheduled for any work, thus minimizing public impact and disruption when applied.

4.2 Public Notification and Mitigation

Notification of the temporary road closure will be placed on arterial and local roads two weeks prior to the closure period along with advertisements (for a closure longer than two days) in the local newspapers. All emergency public service agencies (police, fire and ambulance) and public and school transit authorities will also be informed of the closure. Temporary road closure schedules will also be posted on the York Region website.

A detailed signage plan will be put in place for each closure to clearly identify detour routes. Measures will also be provided to maintain local access to residents, businesses, schools and other institutions, including the TRCA's Kortright Centre. Property owners directly affected by local access will also be advised by mail.

The duration period for the temporary road closure will be minimized by imposing timing constraints for the project. Once a road closure is in effect, efficient utilization of the time period will be an obligation of the contractor to ensure public impact and inconvenience is limited through effective work planning and operations.

Table 1 summarizes the duration and estimated timing pertaining to the road closure recommended in this report.

Table 1
Temporary Road Closure

Location	Municipality	Duration	Estimated Timing
Pine Valley Drive from Rutherford Road to Major Mackenzie Drive	Vaughan	one week	July 8 to July 15, 2006

5. FINANCIAL IMPLICATIONS

The proposed temporary Pine Valley Drive road closure is expected to result in substantial savings in construction cost, compared to the cost of maintaining traffic during construction. All costs associated with the construction of the 1050mm diameter storm sewer are to be borne by the developer, 589915 Ontario Limited.

6. LOCAL MUNICIPAL IMPACT

The construction of this project will have a positive impact on the local community through improvements to the road and sewer infrastructure within the City of Vaughan.

The closure of any road creates an inconvenience to the travelling public. The developer will undertake a number of mitigative measures to ensure this disruption is kept to a minimum.

Signage forewarning of the proposed temporary road closure will be placed well in advance of the road closure dates. Businesses and residents will be advised directly by mail.

Local traffic will be maintained at all times to provide access to businesses and residences.

Traffic management plans will be incorporated into the approval of this project. Advertisements will be placed in the local newspapers indicating the closure location and duration. Detour signs will be installed to properly guide motorists around the closure. Emergency services will be notified in advance of the closure to ensure no interruption in service provision.

Staff of the City of Vaughan have been contacted regarding this proposed temporary road closure and concur with the proposed closure. City of Vaughan staff will also be advised a minimum of two weeks prior to the specific closure.

7. CONCLUSION

Under the *Municipal Act, 2001*, Regional Council may delegate authority to temporarily close roads.

It is, therefore, recommended that authorization be delegated to the Commissioner of Transportation and Works for the temporary closure of Pine Valley Drive between Rutherford Road and Major Mackenzie Drive in the City of Vaughan.

The closure of this road will allow for more cost effective and safe construction work to occur. The developer will take all necessary precautions to ensure the road closure is kept to a minimum and appropriate notification is made to all affected by this closure.

The Senior Management Group has reviewed this report.

(The attachment referred to in this clause was included in the agenda for the June 14, 2006 Committee meeting.)