

COMMITTEE OF THE WHOLE OCTOBER 4, 2004

TEMPORARY ROAD CLOSURE **MAJOR MACKENZIE DRIVE, DUFFERIN STREET TO HILL STREET**

Recommendation

The Commissioner of Engineering and Public Works recommends that:

The Region of York be advised that the City of Vaughan concurs with the Region's proposed temporary closure of Major Mackenzie Drive between Dufferin Street and Hill Street during the period of October 8 to 11, 2004 in order to expedite the completion of construction of the Major Mackenzie Drive/McNaughton Road intersection subject to conditions to be imposed by the Region of York.

Purpose

To respond to the request from the Region of York that the City of Vaughan provide confirmation of the City's concurrence with the proposed temporary closure of a section of Major Mackenzie Drive over the Thanksgiving week-end.

Background - Analysis and Options

The construction of the extension of McNaughton Road from Keele Street east and south to Major Mackenzie Drive is currently underway. That project includes the construction of a new intersection on Major Mackenzie Drive and a significant lowering of the existing profile of Major Mackenzie Drive. The existing hill in the roadway will be cut down by about 1.8 metres at this location resulting in much improved roadway geometries and will provide for connection to the proposed primary road in Block 18 to the south.

Work has been underway for some time and a temporary paved detour around the area to be lowered has been constructed. Recently, the Contractor, Con-Strada Construction and the Consulting Engineer, Marshall Macklin Monaghan proposed to the Region that the affected section of Major Mackenzie Drive be temporarily closed to expedite the construction. The Region has advised that they are prepared to allow the closure subject to conditions and following confirmation of the City of Vaughan's concurrence. The closure is proposed over Thanksgiving weekend from the evening of Friday, October 8 through October 11. The road would be re-opened and the detour in operation commencing for the morning peak traffic on Tuesday, October 12.

The request from the Region and the rationale provided by the consulting engineer and the contractor are attached. In essence, the weekend closure would shorten the construction time by two weeks and allow the reconstructed Major Mackenzie Drive to be back in service by November 30, 2004.

The Region will require the contractor to notify Emergency services of the closure and to provide access through the construction area as required during the closure period. Since Major Mackenzie Drive is the access route for York Central Hospital for Maple and areas to the west, it is appropriate to require the contractor to allow emergency vehicles through at all times without having to detour. The matter has been discussed with Vaughan Fire and Rescue Services who have indicated that they can manage satisfactorily with the arrangement.

The Region will also require that appropriate detour signs be posted and maintained during the closure.

Relationship to Vaughan Vision 2007

This report is consistent with Vaughan Vision so as to ensure that growth does not outpace the road network infrastructure (3.23) and, it supports regional and provincial initiatives on transportation infrastructure (3.2.4). Additional City resources are not required.

Conclusion

Confirmation of concurrence with the proposed temporary closure is recommended since the construction period will be shortened and there will be less disruption to the motoring public during the busy week day periods. The Region will require the contractor to provide expeditious passage for emergency vehicles through the construction area as required during the temporary closure.

Attachments

1. Correspondence

Report prepared by:

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

Respectfully submitted,

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

Robinson, Bill

From: Mallia, Bessie [Bessie.Mallia@region.york.on.ca]
Sent: Friday, October 01, 2004 12:24 PM
To: Robinson, Bill
Subject: FW: Road Closure, Major Mackenzie Drive



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Dear Mr. Robinson,

As per your discussion with Brian Harrison earlier today, please provide confirmation of the City of Vaughan's concurrence for the road closure of Major Mackenzie Drive, from Dufferin Street to Hill Street during the period of October 8 to 11, 2004.

FYI - Brian's email address is brian.harrison@region.york.on.ca

Regards ... Bessie

Bessie Mallia
Administrative Co-ordinator
Roads Transportation Branch
Transportation and Works Department
905-895-1200 x5201; Fax 905-895-7735

-----Original Message-----

From: Mallia, Bessie
Sent: Wednesday, September 29, 2004 3:57 PM
To: Harrison, Brian; Postic, Zoran; Iampietro, Michael; Marino, Stephen; Bunker, Don; Pulla, Tony
Subject: Fax - Road Closure Letter

Please see attached.

Bessie Mallia
Administrative Co-ordinator
Roads Transportation Branch
Transportation and Works Department
905-895-1200 x5201; Fax 905-895-7735

-----Original Message-----

From: t_w_roads_transp@region.york.on.ca
[mailto:t_w_roads_transp@region.york.on.ca]
Sent: Wednesday, September 29, 2004 3:51 PM
To: Mallia, Bessie
Subject: Scanned Document

Scanned Document



**Marshall
Macklin
Monaghan**

Permit NO.
C0234
33.4

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80 Commerce Valley Drive East
Thornhill, Ontario • L3T 7N4
Tel No. (905) 882-4211
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FACSIMILE TRANSMISSION

Project No.:	10-02073-30-S01	File No.:	10-02073-C
Fax To:	Zoran Postic, Region of York		905-895-7735
	Brian Harrison, Region of York		905-895-7523
	Mike Iampietro, Region of York		905-895-7523
Copy To:	Steve Marino, Region of York		905-895-7523
	Don Bunker, Region of York		905-895-7523
	Tony Pulla, Region of York		905-303-0874
	Don Hancock, Con-Strada Construction		905-660-5242
	Duane Auble, YMH		905-417-0525
	Jacqueline Thoman, City of Vaughan		905-832-6145
	A. Emer, MMM		
Date:	September 28, 2004		
Fax From:	Ed Jetten (x225)		
Subject:	York Major Holdings Schedule A2 – Major Mackenzie Drive/ McNaughton Road intersection reconstruction Contractor Request for Road Closure		

4 Pages

Attached is Con-Strada letter dated September 24, 2004 requesting closure of Major Mackenzie Drive in the project area during the upcoming Thanksgiving Long Weekend. The required closure section would be from Dufferin Street in the east to Hill Street in the west.

Con-Strada's letter details the reasons behind requesting the closure.

The road closure would be desirable from the point of view of advancing the project schedule in order to have the reconstructed Major Mackenzie Drive in place and operational prior to November 30. The largest work component involved in the construction is the bulk earth cut and removal, so a road closure would do much to expedite this work. The earth cut is to be trucked to lands on the north side of the diversion so without a road closure, the diversion road will require a very large volume of truck crossing traffic.

Without a road closure, trucks will cross either at the signalized intersection of Major Mackenzie Drive and the Keele Valley landfill entrance, and it is also the Contractor's intention

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intention to have a flagged crossing point during the midday non-rush hour period for trucks to cross. During this period of time, traffic would be delineated to one lane in each direction. Since this work will be occurring in October, traditionally a wet weather month, it will be a challenge to keep the crossing point clear of mud which would inevitably be tracked on by the trucks, and this may create somewhat of a hazard for public traffic. We attach a sketch of the area in question for your reference.

Therefore, from a project point of view, a road closure to allow the bulk excavation work to be completed would be desirable.

Closing the road will obviously inconvenience the public, especially since an east - west detour for Major Mackenzie Drive would have to be along Dufferin Street and Keele Street north or south to Rutherford Road or the King-Vaughan Line. However, from a public safety point of view, this construction work would best be done in the absence of having to contend with public traffic through the site. Recently there was a traffic fatality on this stretch of Major Mackenzie Drive which was not construction related, but it demonstrates the increased risk to the public of major construction traffic using the road at the same time.

We respectfully request your review of the Contractor's proposal for the road closure during the upcoming long weekend. Notwithstanding the short notice of this request, if this road closure is possible, please advise on all requirements including advance signing etc, required so that this can be expedited as quickly as possible.

Regards



Ed Jetten
Senior Project Manager
Contract Administration

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CON-STRADA CONSTRUCTION

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30 Floral Parkway, Concord, Ontario L4K 4R1

Project No. CS-204-501

September 24, 2004

Marshall Macklin Monaghan
80 Commerce Valley Drive East
Thornhill, Ontario
L3T 7N4

Attention: Ed Jetten, P. Eng.

RE: McNaughton Road/Major Mackenzie Drive

Due to the limited amount of time remaining between now and the end of November we respectfully request that you consider the possibility of a full road closure of Major Mackenzie Drive during the long weekend between Friday, October 8 until Monday October 11, 2004.

Authorization of a full road closure would enable Con-Strada to complete the bulk excavation required to lower the existing profile of Major Mackenzie Drive within a few days instead of two weeks which would expedite the Major Mackenzie roadworks completion schedule.

The other major factor for the full road closure request is for safety reasons. The total volume of earth to be excavated and hauled across the detour road is 24,000m³. We would like to complete this portion of the work in the shortest period of time with full access, and eliminate the exposure to the public without very difficult traffic control.

Please review and reply as soon as possible in order that this work can be scheduled and completed in a timely manner.

Should you have any questions or require any further information, please contact the undersigned.

Yours truly,
CON-STRADA CONSTRUCTION INC.

Donald L. Hancock
DLH/hk-28

cc. Mike Iampietro, Region of York
Steve Marino, Region of York
Duane Aubie, York Major Holdings

constrada.com

