

3

ROADS CAPITAL CONSTRUCTION PROGRAM UPDATE

The Transportation and Works Committee recommends the following:

- 1. The presentation by Dino Basso, Director, Capital Delivery, Roads Branch, be received;**
- 2. The recommendation contained in the following report, April 22, 2008, from the Commissioner of Transportation Services, be adopted.**

1. RECOMMENDATION

It is recommended that the following report be received for information.

2. PURPOSE

This report is to update Committee and Council on the status of the 2008 Roads Capital Construction Program.

3. BACKGROUND

In the approved 2008 Roads Capital Budget, approximately \$79,000,000 of new funds was allocated to major road related construction projects such as road widenings, road resurfacings and bridge rehabilitation. In addition, approximately \$84,000,000 of funds approved under the 2007 Roads Capital Budget was carried forward into 2008.

While every effort is made to spend the planned capital budget each year, projects are often scheduled for tender throughout the course of the year because of the number of variables to be coordinated, such as property acquisition and because of approvals required from external agencies. Tender calls are scheduled based on the earliest anticipated date for the completion of the design and contract documents but the tenders are not released until all required permits and properties are acquired, utilities are relocated, and funding (in the case of cost-sharing/recovery from others, front-end financing, etc.) is in place. Also, all road and bridge projects are coordinated with any water or wastewater capital infrastructure projects, York Region Transit/VIVA and local municipal initiatives to minimize community disruption and maximize construction efficiencies.

This report describes the status of projects currently underway and the plans to deliver the 2008 program.

4. ANALYSIS AND OPTIONS

4.1 MAJOR CAPITAL CONSTRUCTION PROGRAM

A number of key roads projects will be finished this Spring

A number of key road construction projects were completed in fall 2007 and there are others that require minor works in spring 2008 to be totally completed. These projects are as follows:

- Ninth Line from Rose Way to Donald Cousens Parkway, Town of Markham.
- Bathurst Street from King Road to Wellington Street, Township of King/Town of Aurora
- Teston Road from Dufferin Street to Bathurst Street, City of Vaughan
- Warden Avenue from MacPherson Drive to Highway 407, Town of Markham
- Kennedy Road at Birchview Lane Intersection Improvement, Town of Markham
- Elgin Mills Road at Yorkland Street Intersection Improvement, Town of Richmond Hill
- Yonge Street sewer replacement and road rehabilitation, Town of Aurora

The construction of many major 2008 roads projects will continue throughout the year

The following major road projects are underway. These projects are multi-year construction projects and staff and contractors are working to complete them in 2008. These projects are as follows:

- Weston Road from Major Mackenzie Drive to Teston Road, City of Vaughan.
- Teston Road from Weston Road to Jane Street, City of Vaughan.
- New interchange at Highway 400 and Teston Road, City of Vaughan.
- Highway 427 Arterial Road Extension to Zenway Boulevard, City of Vaughan
- Major Mackenzie Drive from Woodbine Avenue to Kennedy Road, Town of Markham
- Ravenshoe Road from Prout Road to Weir's Sideroad, Town of Georgina
- Bathurst Street from Wellington Street to Mulock Drive, Towns of Aurora and Newmarket and Township of King.

2008 Upcoming Construction Tenders

As mentioned previously, to manage risk, the tendering of these major capital infrastructure road projects is contingent on a number of factors all being in place. These factors include but are not limited to property acquisition, permit approvals and water and wastewater infrastructure timing. The following projects are also planned to be tendered in 2008. The proposed timing of the tenders is noted (Table 1).

Table 1
2008 Upcoming Construction Tenders

Project	Key Issues	Status
Warden Avenue at Mount Albert Road Intersection Improvement, Town of East Gwillimbury	• Acquisition of property • Coordination of timing with MTO construction of Mount Albert Road between Leslie Street and Woodbine Avenue as part of the Highway 404 extension	• Tender June 2008 • Anticipated completion fall 2008.
Highway 7 bridge rehabilitation west of Kennedy Road, Town of Markham		• Tender May 15, 2008 • Anticipated completion fall 2008
Highway 7 bridge rehabilitation west of McCowan Road, Town of Markham		• Tender May 15, 2008 • Anticipated completion fall 2008
Ninth Line Highway 407 to Rose Way, Town of Markham	• Execution of cost sharing agreement with Town of Markham and local developers	• Tender May 13, 2008 • Anticipated completion spring 2009
Bathurst Street from Mulock Drive to Highway 9, Town of Newmarket and Township of King	• Coordination with completion of watermain currently under construction	• Tender May 2008 • Anticipated completion spring 2009
Dufferin Street from Steeles Avenue to Glen Shields Avenue, City of Vaughan	• Completion of agreement with CN Rail for work at grade separated crossing • Permits	• Tender May 2008 • Anticipated completion summer 2009
Stouffville Road from McCowan Road to west of Highway 48, Town of Whitchurch-Stouffville	• Coordination with Regional watermain • Coordination with local municipal work	• Tender June 2008 • Anticipated completion fall 2008
Stouffville Road from Highway 404 to Warden Avenue	• Permits • Property acquisition	• Tender fall 2008 • Anticipated completion fall 2009

Ninth Line from Don Cousens Parkway to north of Major Mackenzie Drive, Town of Markham	• Permits • Property acquisition	• Tender fall 2008 • Anticipated completion fall 2009
Major Mackenzie Drive from Don Cousens Parkway to east of Ninth Line, Town of Markham	• Permits • Property acquisition	• Tender fall 2008 • Anticipated completion fall 2009
Woodbine Avenue from Ravenshoe Road to Morton Avenue, Town of Georgina	• Coordination with Water and Waste Water infrastructure • Coordination with Highway 404 extension	• Tender fall 2008 • Anticipated completion fall 2009

4.2 MINOR CAPITAL CONSTRUCTION PROGRAM

In addition to the above major roads projects, many minor capital projects will be tendered and constructed in 2008. The minor capital program includes works such as resurfacing and pavement rehabilitation contracts, minor intersection improvements such as installation or modification of traffic signals and/or illumination and bridge/structure repairs.

Some of the key resurfacing and road rehabilitation projects include:

- Aurora Road – Highway 48 to York/Durham Line
- Baseline Road – McCowan Road to Dalton Road
- King Road – Yonge Street to Bond Crescent
- Keele Street – Major Mackenzie Drive to Teston Road
- Leslie Street – Green Lane to Mount Albert Road
- Metro Road – Kennedy Road to Salvation Army Road
- Mount Albert Road – Leslie Street to Colonel Wayling Boulevard
- Warden Avenue – Old Homestead Road to Baseline Road
- Weston Road – King Road to 16th Sideroad
- Old Yonge Street – Mount Albert Road to Queensville Sideroad
- York/Durham Line – Elgin Mills Road to 10th Line

In addition, there are two bridge rehabilitation projects (Highway 7 west of Kennedy and Highway 7 west of McCowan) and approximately 35 minor intersection improvements planned for construction in 2008.

Regional Council at their meeting in December 2007 approved an additional \$3,300,000 in tax levy funding towards the Roads Capital Program. A separate report titled “2008 Roads Capital Budget Additional Funding” is before Committee and Council for consideration of what additional projects could be delivered.

Planning and Design Studies will also be underway for a number of future projects

A number of activities, some taking several years, must be completed before a road project tendered for construction. Environmental assessments, preliminary design, detailed design, utility relocation, property acquisition, and permit securement activities have to be planned well in advance. In 2008, work will continue in preparation of a number of future projects as these include:

- Western Vaughan Arterial Road Improvements Individual Environmental Assessment
- Bathurst Street from Highway 7 to Teston Road/Elgin Mills Road
- Keele Street from Steeles Avenue to Rutherford Road
- Ninth Line from Major Mackenzie Drive to Main Street (Stouffville) environmental study report review
- Leslie Street from Wellington Street to Mulock Drive
- Bathurst Street from Green Lane to Yonge Street
- Vaughan Corporate Centre
- Yonge Street from Mulock Drive to Green Lane (incorporated into Rapid Transit EA)
- Davis Drive from Yonge Street to Highway 404 (incorporated into Rapid Transit EA)
- Doane Road at Highway 404 Extension Interchange.

In addition, environmental assessments to be initiated in 2008 include: 2nd Concession from Green Lane to Queensville Sideroad, King Road from Highway 27 to Highway 400, and Rutherford Road from Jane Street to Yonge Street.

Work on a number of studies for road improvements in Markham is also underway. In late 2007 and early 2008, concerns expressed by Markham area residents about the Region's ongoing environmental assessments for Bayview Avenue from John Street to Major Mackenzie Drive, Leslie Street from Steeles Avenue to Major Mackenzie Drive, 16th Avenue from Yonge Street to York/Durham Line, Kennedy Road from Steeles Avenue to 16th Avenue and McCowan Road from Steeles Avenue to 16th Avenue were brought forward to Markham Council and York Region Council.

Markham Council passed two resolutions that were received by Regional Council and referred to staff at their February 2008 meeting. Regional staff have been working with Markham staff to fully understand the issues, develop a project plan to respond to the concerns, engage and consult with residents and businesses and proceed with the environmental assessments as appropriate.

It should be noted that the recent activities in relation to these projects has significantly delayed the project implementation schedule and these schedules will have to be refined once a future course of action is finalized for each project. These projects will be subject of future report(s) to Committee and Council regarding the issues in question.

5. FINANCIAL IMPLICATIONS

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

There is \$49.7M already committed through current construction contracts and the remaining 2008 tenders will result in an additional \$78.5M of works to be delivered or committed in 2008.

6. LOCAL MUNICIPAL IMPACT

Regional staff continue to work closely with staff from the local municipalities to ensure local concerns are addressed through the preparation for the Region's projects. Furthermore, requirements for additional municipal infrastructure are routinely incorporated into Regional construction contracts where practical. The successful timely delivery of key infrastructure is critical to meet the needs of approved growth and the needs of current residents and businesses in York Region.

7. CONCLUSION

The Region continues to invest significant resources in very large infrastructure programs. In 2008, construction is underway on seven high profile major capital road projects. Before the end of 2008, construction of an additional seven major capital road projects will be started and four additional major capital projects are planned to be tendered.

For more information on this report, please contact Dino Basso Director Capital Delivery at extension 5902 in the Transportation Services department.

The Senior Management Group has reviewed this report.