

2

ROADS CAPITAL CONSTRUCTION PROGRAM UPDATE

The Transportation and Works Committee recommends the following:

- 1. The presentation by Dino Basso, Director, Capital Delivery – Roads, be received;**
- 2. The recommendation contained in the following report, August 22, 2007, from the General Manager, Roads, be adopted.**

1. RECOMMENDATION

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

2. PURPOSE

The purpose of this report is to update Committee and Council on the status of the 2007 Roads Capital Construction Program.

3. BACKGROUND

In the approved 2007 Roads Capital Budget, approximately \$57,000,000 of new funds were allocated to road related construction projects including road widenings, road resurfacing and bridge rehabilitation. The remaining amount of the new funds were allocated to other projects such as fleet replacement, greening strategy, intelligent traffic systems and other items for a capital expenditure budget of \$69,000,000. In addition, there is approximately \$82,000,000.00 of funds approved under the 2006 Roads Capital Budget carried forward into 2007.

The yearly construction budgets forecast construction expenditures based on the time of year contracts are anticipated to be awarded and the remaining months of construction in the year.

Due to complexities associated with project delivery, tender calls are scheduled based on the earliest anticipated date for design and contract preparation document completion. Tenders are not released however, until all required permits and properties are acquired, utilities are relocated, and financing (in the case of cost-sharing/recovery from others) is in place. Also, coordination with any water or wastewater capital infrastructure projects occurs to minimize community disruption and maximize construction efficiencies. As a result of all these considerations, projects are scheduled for tender throughout the course of the year.

4. ANALYSIS AND OPTIONS

There has been significant progress in delivery of the 2007 Roads Capital Program during the first eight months of 2007. A summary of accomplishments is provided in the following sections.

4.1 Major Capital Construction Program

4.1.1 Roads Construction Recently Completed

A number of key road construction projects were completed in Spring 2007. The projects are as follows:

- Major Mackenzie Drive (Kennedy Road to McCowan Road), Town of Markham.
- Teston Road/Teston Site Ossuary (Jane Street to Keele Street), City of Vaughan.
- Warden Avenue (Highway 407 to Apple Creek Boulevard), Town of Markham.
- Woodbine Avenue at Church Street, Town of Georgina.
- Woodbine Avenue at Old Homestead Road, Town of Georgina.

4.1.2 Roads Currently under Construction

The following major capital road projects either commenced construction prior to 2007 with a planned multiple year construction period or began construction in 2007. These projects are listed as follows:

- Weston Road (Major Mackenzie Drive to Teston Road), City of Vaughan.
- Teston Road (Weston Road to Jane Street), City of Vaughan.
- New interchange at Highway 400 and Teston Road, City of Vaughan.
- Teston Road (Dufferin Street to Bathurst Street), City of Vaughan.
- Bathurst Street (King Road to Wellington Street), Town of Aurora.
- Ninth Line (Rose Way to Donald Cousens Parkway), Town of Markham.
- Warden Avenue (MacPherson Drive to Highway 407), Town of Markham.

4.1.3 2007 Construction Tenders

Between June 2007 and July 2007 several Roads projects were tendered for construction. These projects are in the award phase and construction is scheduled to commence by the end of September. These projects are listed as follows:

- Highway 427 Arterial Road Extension – Highway 7 to Zen Boulevard, City of Vaughan.
- Warden Avenue at Davis Drive - Intersection Improvement, Town of East Gwillimbury and Town of Whitchurch-Stouffville.
- Major Mackenzie Drive - Woodbine Avenue to Kennedy Road, Town of Markham.
- Bathurst Street - Wellington Street to Mulock Drive, Towns of Aurora, King, Newmarket.

4.1.4 2007 Upcoming Construction Tenders

As mentioned previously, 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 still to be tendered in 2007. Delays in bringing these projects to tender will result in the deferral of some of the budgeted 2007 Roads Capital expenditures to 2008. The proposed timing of the tenders is noted.

Table 1
2007 Upcoming Construction Tenders

Project	Key Issues	Status
Kennedy Road at Birchview Road Intersection Improvement, Town of Markham	Protection of existing watermain	- Tender September 2007 - Anticipated completion spring 2008.
Warden Avenue at Mount Albert Road Intersection Improvement, Town of East Gwillimbury	Property acquisition	- Tender December 2007 - Anticipated completion August 2008.
Ravenshoe Road Prout Sideroad to Weirs Sideroad Town of Georgina	Road closure during construction	- Tender November 2007 - Anticipated completion December 2008.
Ninth Line Highway 407 to Rose Way, Town of Markham	Coordination with Town of Markham and local developers	- Tender November 2007 - Anticipated completion December 2008.

4.2 Minor Capital Construction Program

In addition to the above major capital infrastructure projects, many minor capital projects have been tendered and constructed in 2007, including significant resurfacing and pavement rehabilitation contracts, intersection improvements and bridge/structure repairs.

Some of the key resurfacing and road rehabilitation projects include:

- Weston Road – Highway 7 to Langstaff Road
- Jane Street – Highway 7 to Langstaff Road and Teston Road to Highway 9
- Keele Street – Teston Road to Station Road
- Nashville Road – east of Huntington Road to Highway 27
- Warden Avenue – Stouffville Road to Bloomington Road
- Highway 27 bridge rehabilitation north of Major Mackenzie Drive

Recently pavement condition problems have been experienced along Yonge Street north of Industrial Parkway in the Town of Aurora. York Region has awarded a contract to

repair these deficiencies. The construction work is ongoing with completion anticipated in December 2007.

4.3 Planning and Design Studies

There has been significant progress made in delivery of many key infrastructure projects in 2007. This includes proceeding with and initiation of several key environmental assessment projects, including the Western Vaughan Arterial Road Improvements Individual Environmental Assessment, Bayview Avenue from John Street to Major Mackenzie Drive, Stouffville Road from Highway 404 to Ninth Line, Kennedy Road and McCowan Road from Steeles Avenue to 16th Avenue and Davis Drive from Yonge Street to Highway 404.

In addition, the detailed design and engineering for several key road infrastructure projects progressed through 2007. These projects include Dufferin Street from Steeles Avenue to Centre Street, Stouffville Road from McCowan Road to Highway 48, Ninth Line from Markham By-pass to Major Mackenzie Drive and Bathurst Street from Mulock Drive to Highway 9.

5. FINANCIAL IMPLICATIONS

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

The anticipated expenditures for 2007 on the Roads capital construction program is \$110,000,000.00 with 90% of the 2007 projects either under construction or tendered for construction.

6. LOCAL MUNICIPAL IMPACT

Regional staff have worked closely with staff from the local municipalities to ensure that local requirements for additional infrastructure have been incorporated into Regional construction contracts where practical. The successful timely delivery of key infrastructure is critical to meet the needs of approved growth in York Region.

7. CONCLUSION

The Region continues to invest significant resources in very large infrastructure programs. In 2007 construction is underway on seven major capital road projects. Before the end of 2007, construction of an additional four major capital road projects will be started and four major capital projects will be tendered. This represents a total of 90% of projects budgeted in the 2007 year either under construction or tendered for construction.

The Senior Management Group has reviewed this report.