

BUDGET COMMITTEE MEETING – JUNE 23, 2003

HILLSIDE AVENUE RESURFACING

Recommendations

The Commissioner of Engineering and Public Works, in consultation with the Director of Reserves and Investments recommends:

That this report be received for information.

Purpose

To respond to Committee of the Whole's recommendation of June 16, 2003 (Item No. 69) "that staff provide a report to the Budget Committee meeting of June 23, 2003, with respect to the cost of resurfacing Hillside Avenue".

Background

Relevant recent correspondence from the Commissioner of Engineering and Public Works to the Mayor and Members of Council (Memorandums dated April 11, 2003 and June 13, 2003) are attached. The condition of the Hillside Avenue road surface is poor and was included in the 2002 Road Program Report for scheduled resurfacing in 2007. However, staff have re-evaluated the road condition, together with the need to replace the watermain, and propose to recommend that the schedule for Hillside Avenue watermain replacement and road rehabilitation be advanced for design in 2004 and construction in 2005. The recommended schedule for the 2004 – 2008 5 year road program will be brought forward for Council approval in September.

Preliminary Cost Estimate

Hillside Avenue is approximately 650 metres in length. In the absence of geotechnical information required prior to design, staff are not certain of the road's structural condition. Therefore, the cost preliminary estimate of the cost to resurface Hillside Avenue is between \$150,000 to \$200,000 (depending on road base rehabilitation needs). Watermain replacement will cost approximately \$200,000. The watermain replacement and road resurfacing rehabilitation should be carried out at the same time. Staff will refine the cost estimate in 2004, after the design is complete, in order to ensure appropriate funding is approved in the 2005 Capital Budget.

Conclusion

The preliminary cost estimate for the resurfacing of Hillside Avenue is between \$150,000 to \$200,000. Since the watermain on this street requires replacement, the road should not be resurfaced prior to watermain replacement. The cost to replace the watermain is approximately, \$200,000. Subject to Council's approval of the 2004-2008 program and adequate budget funding, the necessary watermain replacement and road rehabilitation work will be designed in 2004 and constructed in 2005.

Attachments

1. Location Map
2. Memorandum dated April 11, 2003
3. Memorandum dated June 13, 2003

Report prepared by:

Dan Stevens, P. Eng. – Manager of Engineering and Construction Services, ext. 3101

Respectfully submitted,

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

ATTACHMENT No. 1



ATTACHMENT No. 2



Date: April 11, 2003
To: Mario G. Racco – Councillor Ward 4
Re: Watermain Replacement and Road Reconstruction,
Hillside Avenue, Concord

I am writing to follow up on your memorandum dated March 27, 2003, regarding roadwork for Hillside Avenue.

Although the June 2002 Road Program Report (Item 3, Report No. 50, Committee of the Whole, adopted by Council June 2, 2002) scheduled resurfacing of Hillside Avenue in 2007, the cast iron watermain replacement is a higher priority. Accordingly, staff propose to recommend to Committee of the Whole that the road reconstruction together with the watermain replacement be advanced to 2005.

The replacement of old cast iron watermains under Hillside, Keeleview, Baldwin and Southview is scheduled for design in 2004 and construction in 2005. Road resurfacing or reconstruction should be carried out when the watermains are replaced. Staff have been monitoring the conditions on Hillside and the adjacent streets and advise that in the short term (for the next two years) Public Works staff will continue to monitor Hillside and the surrounding roads, and have indicated that they will perform some additional temporary asphalt patching to ensure that the roads are safe for vehicular traffic, until they are finally reconstructed.

With regard to the entrance to Southview Park, curb repair will be undertaken this year as part of our annual curb and sidewalk replacement contract. As well, the broken asphalt at the entrance will be repaired. By copy of this memo I am requesting that this work be scheduled at the earliest opportunity.

I trust the foregoing is satisfactory. If you have any questions, please call me.

Bill Robinson,
Commissioner of Engineering and Public Works
(Ext 8247)

WER/ag

Encl.

Copy: Mayor and Members of Council
Brian Anthony, Director of Public Works
Angelo Siracusa, Manager of Road Maintenance Services
Dan Stevens, Manager of Engineering and Construction Services

memorandum

ATTACHMENT No. 3



The City Above Toronto

Date: June 13, 2003
To: Mayor Michael Di Biase and Members of Council
Re: Urban Roads Study Updating and Capital Budget 2000

The purpose of this memorandum is to respond to Council's direction from Committee of the Whole Report No. 85, Item 25, November 8, 1999 and Report No. 100, Item 5, December 13, 1999 (copy attached), regarding the Urban Roads Study Updating and Capital Budget 2000.

The "Road Needs Study - 2000 Update" report was prepared for the City by Totten Sims Hubicki Associates and copies were provided to the Mayor and Members of Council in June 2001. The information in this report was used by Engineering staff to prepare the recommended road resurfacing and reconstruction program for 2001.

In June 2002, staff provided Council with a comprehensive "Road Resurfacing, Road Reconstruction and Rural Road Upgrading Program" report. This report was adopted by Council and provides a detailed 5 year road program for the City. Staff will update this report in September 2003 and annually thereafter.

The cut and burn technique is being used by Public Works staff for localized asphalt repair work as part of their annual road maintenance program. Although the technique may not be appropriate for full-scale road resurfacing projects, staff do consider a wide range of techniques when designing each road resurfacing or reconstruction project.

The specific direction in December 1999, to review the condition of Kipling Avenue (from Highway 7 north to Woodbridge Avenue) has been completed each year as staff review road needs annually. Kipling Avenue is not in serious condition, but is expected to fall within the 2004-2008, 5 year road program which will be brought forward in September.

It is important to note that in order for the City's road reconstruction and resurfacing program to keep pace with the needs of the City's aging road infrastructure continued capital project funding of \$9 Million annually and increased Public Works maintenance funding for activities such as crack sealing is essential.

A handwritten signature in black ink, appearing to read "Bill Robinson".

Bill Robinson,
Commissioner of Engineering and Public Works
(Extension 8247)

WER/ag

Encl.

Copy: Michael De Angelis, City Manager
John Leach, City Clerk

memorandum