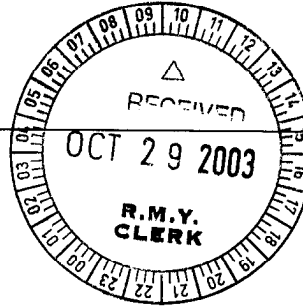




October 24, 2003

**REGION OF YORK
CLERK'S OFFICE**

FILE No. - *PO6*

Mr. Denis Kelly
Regional Clerk
The Regional Municipality of York
17250 Yonge Street
Newmarket, ON L3Y 6Z1

RE: **MAIN STREET MARKHAM STREETSCAPE
AND TRAFFIC MANAGEMENT STUDY (10.8, 16.39)**

Dear Mr. Kelly:

This will confirm that at the meeting of Council held on October 21, 2003, Clause 3 of Report No. 63, was approved as follows:

"That the staff report entitled "Main Street Markham Streetscape and Traffic Management Study - Final Report" be received;

And that the "Main Street Markham Streetscape and Traffic Management Study - Final Report" be endorsed by Council in principle;

And that the Construction and Utilities staff be authorized to retain an engineering consultant to carry out detail design of the intersection of 16th Avenue and Markham Road (Stage 1 of Phase 1) in 2003 for construction in 2004;

And that the cost of the Stage 1 design and construction in an estimated amount of \$530,000 (Town cost \$243,000, ROY cost \$213,000 and MTO cost \$74,000) be funded from the 2003 Engineering Capital Budget, Account No. 83-5350-5208-005, and the cost contributions from the Region of York and the Ministry of Transportation;

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And that the Construction and Utilities staff be further authorized to retain engineering consultants to complete the detail design of the remaining Phase 1 work and carry out the detail design of Phase V (the intersection of Highway # 7 and Markham Road);

And that the cost of detail design for the remaining Phase 1 and for the Phase V work, in an estimated amount of \$70,000, be funded from the 2003 Capital Budget, Account No. 052-5399-5252-005, and the funding contribution from the Ministry of Transportation and the Region of York where applicable.”

Yours sincerely,



Sheila Birrell
Town Clerk



**REPORT TO COMMUNITY SERVICES &
ENVIRONMENT COMMITTEE**

TO: Mayor and Members of Council

FROM: Stan Bertoia, General Manager, Construction and Utilities

PREPARED BY: Stan Lau and Linda Irvine

DATE OF MEETING: 2003-October -6

SUBJECT: Main Street Markham Streetscape and Traffic Management
Study - Final Report

RECOMMENDATION:

That the staff report entitled "Main Street Markham Streetscape and Traffic Management Study-Final Report" be received;

That the "Main Street Markham Streetscape and Traffic Management Study-Final Report" be endorsed by Council in principle;

That the Construction and Utilities staff be authorized to retain an engineering consultant to carry out detail design of the intersection of 16th Avenue and Markham Road (Stage I of Phase I) in 2003 for construction in 2004;

That the cost of the Stage I design and construction in an estimated amount of \$530,000 (Town cost \$243,000, ROY cost \$213,000 and MTO cost \$74,000) be funded from the 2003 Engineering Capital Budget, Account No.83-5350-5208-005, and the cost contributions from the Region of York and the Ministry of Transportation;

That the Construction and Utilities staff be further authorized to retain engineering consultants to complete the detail design of the remaining Phase I work and carry out the detail design of Phase V (the intersection of Highway #7 and Markham Road);

And that the cost of detail design for the remaining Phase I and for the Phase V work, in an estimated amount of \$70,000, be funded from the 2003 Capital Budget, Account No. 052-5399-5252-005, and the funding contribution from the Ministry of Transportation and the Region of York where applicable.

PURPOSE:

The purpose of this report is to obtain Council's endorsement of the Main Street Markham Streetscape and Traffic Management Study - final report in principle, and to authorize Construction and Utilities staff to retain engineering consultants to carry out detail design of Phase I (Appendix A) and Phase V (Appendix B) of the study report.

BACKGROUND:

In April 2002, the Town retained Harrington & Hoyle Ltd. to undertake a functional planning study to improve the streetscape and traffic management on the section of Markham Road between Highway #7 and 16th Avenue. On September 30, 2002, Mr. Ken Hoyle of Harrington & Hoyle Ltd. made a presentation to the Transportation and Environment Committee and outlined two preliminary alternatives, these are: Alternative I, the Collector Road Option, and Alternative II, the Local Road Option. Alternative I accommodates larger regional buses and is more bicycle friendly than the Local Road Option, and was selected by the Steering Committee (with staff from Urban Design, Technical Services, Heritage Planning, Consultant and 4 members of Main Street Markham Committee) for further evaluation. Both of these alternatives and the recommendations were also presented to the Main Street Markham Committee and to a Public Information Meeting on October 30, 2002.

The functional study report is now finalized taking into consideration comments and input from staff and the general public. A copy of the report is attached. (Appendix C)

Public Comments

Comments from the public were generally favourable of the Collector Road proposal. Comments from the Ministry of Transportation (MTO) and Region of York (ROY) were mainly related to cost sharing and design detail, particularly at the intersection of 16th Avenue/Markham Road and Highway #7/Markham Road. These cost sharing issues will not be finalized until detail designs are completed.

OPTIONS/DISCUSSION:**Council's Endorsement of Report in Principle**

This "Main Street Markham Streetscape and Traffic Management" report is a functional study and is intended to provide a conceptual plan for the future improvement of Main Street Markham. Therefore, the final road and streetscape design may be modified subject to final technical, operational and financial considerations as well as coordination with other studies (Class EA) to be undertaken by other departments, which may have impacts on the proposed concept. Prior to implementation of the different phases, a separate report will be submitted to Council for approval of funding and construction.

Council endorsement of the report at this stage will guide the staff in negotiations with MTO and ROY for their commitment to the project.

Project Phasing

Due to the magnitude of the project and taking into consideration that the project will not be fully implemented until the Markham By-law is completed, the study recommended that the project be carried out between 2003 and 2006 in six (6) phases. It is suggested that the project

begin from the north as Phase I (at 16th Avenue). This phase of the work will provide a clear signal to the motorists from the north that they are entering a special district, distinct from the areas north of Main Street Markham. Phase V (at Highway 7) will provide the similar message to the northbound motorists from south of Highway 7.

Detail Design of Phase I and Phase V

Talks of improvements to the intersection at 16th Avenue/Highway 48/Markham Road has been on going for some time. A functional intersection improvement plan incorporating part of the Phase I work and the widening of the north side of 16th Avenue had been submitted to the Region of York (ROY) and the Ministry of Transportation (MTO) for review and comments. Both ROY and MTO have confirmed their participation in funding contribution pending final detail design and cost estimates. MTO and ROY's share of cost, based on preliminary cost estimate, is \$74,000 and \$213,000 respectively.

In order to secure ROY and MTO funding commitments, it is recommended that detail design of the intersection of 16th Avenue and Markham Road, including the widening of 16th Avenue (Stage I of Phase I) be carried out in 2003 for construction in 2004. It is also recommended that detail design of the remaining Phase I and the Phase V work be carried out later this year to secure their funding commitments where both jurisdictions are involved.

FINANCIAL CONSIDERATIONS:

The cost of Stage I design and construction, in an estimated amount of \$530,000 (Town's share of cost of \$243,000, total ROY and MTO share of cost of \$287,000) can be funded from Engineering 2003 Capital Budget, Account No. 83-5350-5208-005 and the funding contributions from ROY and MTO. The cost for detail design of the remaining Phase I, and the Phase V work, in an estimated amount of \$70,000 can be funded from the 2003 Capital Budget, Account No. 52-5399-5252-005 and the funding contributions from ROY and MTO where applicable.

ENVIRONMENTAL CONSIDERATIONS:

The proposed intersection improvement at Highway 48 and Markham Road and at Highway 7 and Markham Road will streamline the traffic turning movements and reduce the vehicular idling times and thus have a positive impact on the environment.

BUSINESS UNITS CONSULTED AND AFFECTED

Engineering Department has confirmed that they have \$400,000 in their account and the Finance Department has reviewed the report and concur that the Town's share of cost for the above-noted work can be funded from Account No. 83-5350-5208-005 and 52-5399-5252-005 respectively.

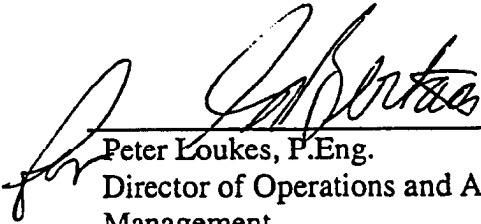
ATTACHMENTS:

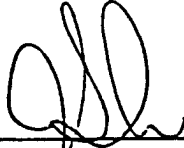
Appendix A – Map of Phase I and Stage I

Appendix B – Map of Phase V

Appendix C – Main Street Markham Streetscape and Traffic Management - Final Report



Stan Bertoia, P. Eng.
General Manager, Construction and Utilities

Peter Loukes, P.Eng.
Director of Operations and Asset
Management

Jim Sales
Commissioner of Community
and Fire Services

