



Date: August 14, 2023

To: Mayor and Council

Author: Shaun Martinho, Manager of Public Works and Environmental Services

RE: Drainage Appointment for Highway 3 Widening Project

RECOMMENDED ACTION

1. That Dillion Consulting Limited **BE APPOINTED** as the consulting engineer for drainage works required for the Highway 3 Widening Project as specified in Appendix A.

BACKGROUND

The Ministry of Transportation and Infrastructure Ontario have selected GIP Paving Inc. and Dillon Consulting Limited to initiate works for the Highway 3 Widening Project (The Project) from the Town of Essex to the Town of Leamington. The Project extends 15.5 kilometers, widening the two lanes to four lanes from 1.2 km east of Essex County Road 23 easterly to 1.1 km east of Essex County Road 34. Highway 3 is a critical highway that provides regional and international connectivity. This report aims to provide information relevant to the proposed municipal drain modifications associated with the Project in the Town of Kingsville.

DISCUSSION

The Project involves a variety of proposed drainage improvements, including modifications to several municipal drains, which cross the subject segment of Highway 3 and/or auxiliary local roads. In general, the drain modifications consist of the following:

- Extension, replacement, or relocation of existing Highway 3 crossing culverts;
- New or relocated culverts at side road crossings or private entrances;
- New municipal drains and minor drain realignments;
- Removal of culverts and drain channel reinstatement;
- Possible minor changes to watershed boundaries; and,
- Possible drain abandonment or re-assessment.

Appendix A summarizes the proposed municipal drain modification works (as encountered along Highway 3 from west to east) and the anticipated Drainage Act requirements for each of the subject drains. To summarize, the project submission requirements under the Drainage Act will include the following:

- Two petitions for new drains under Section 4 of the Drainage Act;
- Six requests for Major Drainage Improvements under Section 78(1) of the Drainage Act;
- Eleven requests for Minor Drainage Improvements under Section 78(5) of the Drainage Act

It should be noted that the sizing of the proposed municipal drain modification works is based on the preliminary information and may be subject to change through the detailed design process. Given the extent and scope of municipal drain modifications required to support this project and the critical importance of meeting the scheduling requirements, Infrastructure and Engineering proposes that the Town appoint a Drainage Engineer from Dillion Consulting Limited. Administration has previously vetted this engineering firm, and they are listed on the Town's Approved Drainage Consulting Roster.

FINANCIAL CONSIDERATIONS

All the cost associated with these works are paid for by the Ministry of Transportation and have been budgeted as part of the project.

ENVIRONMENTAL CONSIDERATIONS

All construction activities will be carried out in accordance with the Drainage Act and all relevant environmental legislation.

CONSULTATIONS

Ministry of Transportation
Dillion Consulting Limited

PREPARED BY:



Shaun Martinho, HBSc., MBA
Manager of Public Works and Environmental Services

REVIEWED BY:



John Norton
Chief Administrative Officer