



Report
Staff Report
The Corporation of the City of Brampton
3/20/2024

Date: 2024-02-26

Subject: **Request to Begin Procurement for Engineering Services for Clarkway Drive Improvements from Castlemore Road to Mayfield Road – Ward 10**

Contact: Jia He
Project Manager
Capital Works, Public Works and Engineering

Report number: Public Works & Engineering-2024-232

RECOMMENDATIONS:

1. That the report from Jia He, Project Manager, Capital Works, Public Works and Engineering to the Committee of Council Meeting of March 20, 2024, re: **Request to Begin Procurement for Engineering Services for Clarkway Drive Improvements from Castlemore Road to Mayfield Road – Ward 10**, be received; and
2. That the Purchasing Agent be authorized to commence the procurement for engineering services for Clarkway Drive Improvements from Castlemore Road to Mayfield Road.

OVERVIEW:

- **This report is to obtain Council authorization to commence procurement for engineering services for Clarkway Drive Improvements from Castlemore Road to Mayfield Road;**
- **Clarkway Drive from Castlemore Road to new Collector ‘C’ Road is an existing two (2) lane roadway to be widened to four (4) lanes with construction of new curb, gutter, enhanced landscaping and multi-use paths;**
- **Clarkway Drive from new Collector ‘C’ Road to Mayfield Road is an existing two (2) lane roadway to be improved and constructed with enhanced landscaping and multi-use paths; and**

- **Improvements to Clarkway Drive from Castlemore Road to Mayfield Road will provide additional north-south traffic capacity in northeast Brampton, improve active transportation, transit facilities, traffic operations, intersection operations, street lighting and landscaping.**

BACKGROUND:

The Region of Peel and the City of Brampton completed a Schedule “C” Class Environmental Assessment (EA) for Arterial Roads within the Highway 427 Industrial Secondary Plan Area including Clarkway Drive.

The Class EA recommended improvements to Clarkway Drive from Castlemore Road to Mayfield Road including widening from 2 to 4 lanes from Castlemore Road to new Collector Road ‘C’ with curb, gutter, multi-use pathways, new traffic signals, street lighting, intersection improvements, stormwater management new roadway structures (culverts), landscaping, and utility relocations. For the segment of Clarkway Drive from the new Road ‘C’ to Mayfield Road, the existing 2 lanes will be maintained with improvements to pavement, active transportation, intersections, crossing structures, street lighting and landscaping.

CURRENT SITUATION:

Clarkway Drive is a two-lane roadway with a rural cross-section that runs from north of Mayfield Road to south of Castlemore Road (Attachment #1). Existing lane widths range from 3.1 m to 3.8 m, with narrow gravel shoulders. The posted speed limit is 70 km/h.

Under existing conditions, the following issues are identified on Clarkway Drive:

- Lack of sufficient roadway capacity;
- Lack of AODA-compliant pedestrian facilities;
- Opportunities to improve road safety and traffic operations;
- Need to improve stormwater management.

The Scope of Work:

Clarkway Drive between Castlemore Road and new Collector ‘C’ Road will be widened to four (4) lanes and upgraded to include curb, gutter and multi-use pathways. Furthermore, Clarkway Drive between new Collector ‘C’ Road and Mayfield Road will be improved and upgraded to include curb, gutter and multi-use pathways. The work under this design assignment is comprised of but not limited to the following elements:

- Detailed Design of Roadways, Stormwater and Active Transportation components;
- Design of Roadside safety components;

- Design of Stormwater Management System;
- Streetscape Design;
- Geotechnical Investigations and foundation design recommendations;
- Structural Design for the water crossing;
- Electrical Design (street lighting and traffic signals);
- Pavement design, Pavement Markings and signing;
- Subsurface Utility Engineering;
- Property acquisition plan;
- Regulatory approvals for authorities; and
- Preparation of tender documents

The RFP will be issued in April 2024, subject to Council approval, and the tentative project timelines are as follows:

Completion of the Detailed Design	January 2026
Issue for Tender for Construction	March 2026
Tender Closing	April 2026
Purchase Order Issued	May 2026
Construction Start	June 2026

CORPORATE IMPLICATIONS:

Financial Implications:

There is sufficient approved funding available within the Public Works & Engineering capital budget for the Improvements on Clarkway Drive from Castlemore Road to Mayfield Road.

Purchasing Implications:

A Public Procurement Process will be conducted, and the Bid submissions shall be evaluated in accordance with the published evaluation process within the bid document. Purchase approval shall be obtained in accordance with the Purchasing By-law.

All communication with Bidders involved in the procurement must occur formally, through the contact person identified in the Bid Document.

STRATEGIC FOCUS AREA:

This report supports the City's Strategic focus on Transit and Connectivity by improving connectivity and livability of streets and promoting active transportation facilities in the City.

CONCLUSION:

This report recommends that the Purchasing Agent be authorized to commence the procurement as described in this report.

Authored by:

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Approved by:

Peter Pilateris, M.A.Sc., P.Eng.
Commissioner, Public Works and
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Attachments:

- Attachment 1 – Key Map

Reviewed by:

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Director
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Approved by:

Marlon Kallideen
Chief Administrative Officer