



Report
Staff Report
The Corporation of the City of Brampton
5/8/2024

Date: 2024-04-25

Subject: **Request to Begin Procurement for Engineering Services for Detailed Design for Widening of Heritage Road from Steeles Avenue to Financial Drive – Ward 6**

Contact: Bishnu Parajuli, Manager, Engineering
Capital Works, Public Works and Engineering

Report number: Public Works & Engineering-2024-395

RECOMMENDATIONS:

1. That the report from Bishnu Parajuli, Manager, Engineering, Capital Works, Public Works and Engineering to the Committee of Council Meeting of May 8, 2024, **Re: Request to Begin Procurement for Engineering Services for Heritage Road Improvements from Steeles Avenue to Financial Drive – Ward 6**, be received; and
2. That the Purchasing Agent be authorized to commence the procurement for engineering services for Heritage Road Improvements from Steeles Avenue to Financial Drive.

OVERVIEW:

- This report is to obtain Council authorization to commence procurement for Engineering Services for Heritage Road Improvements from Steeles Avenue to Financial Drive.
- Heritage Road is an existing two (2) lane roadway with a rural cross-section to be widened to four (4) lanes with an urban cross-section (the construction of new curb & gutters, boulevard, enhanced landscaping, and sidewalks / multi-use pathways).
- Heritage Road Improvements will provide additional north-south traffic capacity in the southwest part of the City of Brampton, and improve active transportation, transit facilities, traffic operations, intersection operations, street lighting and landscaping.

BACKGROUND:

The City of Brampton has completed a Schedule "C" Class Environmental Assessment (Class EA) study that outlines the improvements required for Heritage Road from Steeles Avenue to Rivermont Road. For design and construction, the project is divided into two parts due to its large size. This project is only for the first part from Steeles Avenue to Financial Drive (approximately 1.7 km). The design of second part from Financial Drive to Rivermont Road (approximately 1.9 km) will be budgeted for 2025 with construction expected to commence in 2027.

As per the recommendations outlined in the Class EA, the proposed improvements include widening Heritage Road from two to four lanes (with an urban cross-section), the addition of curbs and gutters, a sidewalks/multi-use pathways, new traffic signals, street lighting, intersection improvements, stormwater management, new roadway structures (bridge and culverts), landscaping, and utility relocations.

CURRENT SITUATION:

Within the project limits, Heritage Road is a two-lane roadway with a rural cross-section that runs from north of Steeles Avenue to Financial Drive (Attachment #1). The travel lanes are typically approximately 3.5 metres in width. The gravel shoulders vary up to 1.75m in width. The posted speed limit on this road is 60 km/h.

The following issues have been identified on Heritage Road:

- Lack of sufficient roadway capacity and connectivity with the new developments.
- Lack of compliance with the Accessibility for Ontarians with Disabilities Act (AODA) - active transportation and pedestrian facilities.
- Opportunities to improve road safety and traffic operations.
- Opportunities for Intersection improvements to improve traffic operations.
- Opportunities to improve stormwater management.
- New culverts and bridges are required to address drainage issues.
- The need to protect environmental features of Provincial and Regional significance.

THE SCOPE OF WORK:

The project involves widening Heritage Road to four lanes, with urban cross-sections and amenities. This includes the construction of curbs and gutters, boulevards, sidewalks/multi-use pathways, and other geometric features such as exclusive turning lanes. The scope of the work includes completing a detailed design for the widening of Heritage Road within the project limits and preparing a tender package in consultation with City staff and external stakeholders.

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

Completion of the Detailed Design	November 2025
Issue for Tender for Construction	January 2026
Tender Closing	February 2026
Purchase Order Issued	March 2026
Construction Start	April 2026
Construction Completion	October 2027

CORPORATE IMPLICATIONS:

Financial Implications:

There is sufficient approved funding available within the Public Works & Engineering capital budget for the detailed design services for the Improvements on Heritage 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 traffic operations, 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:

Reviewed by:

Bishnu Parajuli, M. A. Sc., P.Eng.
Manager, Engineering
Capital Works

Sunil Sharma, P.Eng.
Director
Capital Works

Approved by:

Approved by:

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

Marlon Kallideen
Chief Administrative Officer

Attachments:

- Attachment 1 – Key Map