

# APPENDIX

# H

# CULTURAL HERITAGE ASSESSMENT REPORT

**Cultural Heritage Assessment Report: Existing  
Conditions and Impact Assessment**

Arterial Roads (Part A) Within Highway 427 Industrial Secondary  
Plan Area, City of Brampton

Project: TP115086

Prepared for:

**City of Brampton**

8850 McLaughlin Road Unit 2 Brampton, ON, L6Y 5T1

15-Jun-21



# **Cultural Heritage Assessment Report: Existing Conditions and Impact Assessment**

## **Arterial Roads (Part A) Within Highway 427 Industrial Secondary Plan Area, City of Brampton, ON**

**Project: TP115086.1.3000**

### **Prepared for:**

City of Brampton  
8850 McLaughlin Road Unit 2 Brampton, ON, L6Y 5T1

### **Prepared by:**

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**15-Jun-21**

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## Executive Summary

Wood Environment & Infrastructure Solutions (“Wood”) was retained by the City of Brampton (“City”) in 2016 to complete a Cultural Heritage Assessment Report (“CHAR”) in support of the ‘Schedule C’ Municipal Class Environmental Assessment (“EA”) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. The Study Area for the proposed Arterial Roads network consists of two parts: Part A (Regional Roads) and Part B (Municipal Roads). This report pertains to Part A of the proposed Arterial Roads network. A CHAR for the Part B Roads has been prepared by Wood under a separate cover.

The Part A Study Area is comprised the following:

- Arterial A2 – a new six lane north-south roadway that connects Major Mackenzie Drive to Mayfield Road.
- Coleraine Drive – an existing roadway which will be widened to four lanes and be upgraded to include curb and gutter and multi-use pathways.

Amec Foster Wheeler (“Amec”) completed a draft CHER for the Study Area (Parts A and B) in 2016. The draft report was not finalized or submitted to the Ministry of Heritage, Sport, Tourism and Culture Industries (“MHSTCI”) for review. Following the preparation of the original CHER, the preliminary preferred design for Part A of the Study Area was updated and finalized in January 2020. The location and alignment of the proposed arterial roads in Part A of the Study Area included lands that were not assessed as part of the 2016 CHER. To address this issue, the 2016 CHER was updated to establish the existing conditions of the Study Area, confirm the presence of identified built heritage resources and cultural heritage landscapes, and present an updated impact assessment and mitigation measures.

Following the completion of background research, information gathering, and a field review, one (1) built heritage resource and six (6) cultural heritage landscapes resources were identified within, or adjacent to, the Study Area. Two properties, 10900 Coleraine Drive (CHR 4) and Shiloh Cemetery (CHR-7) are designated under Part IV of the *Ontario Heritage Act*. Four properties (CHR 1-CHR 4) are listed on the City of Brampton Municipal Register of Cultural Heritage Resources, and two resources (CHR 5-CHR 6) were identified during the original field review in 2016.

The anticipated impacts resulting from the planned Part A Roadways include direct impacts to two properties: 1) CHR 3 (5556 Countryside Drive) resulting from minor property acquisition along property frontage to accommodate the widened roadway which may result in the removal of one to two trees on the property and 2) CHR 6 (Coleraine Drive) since the proposed road widening will result in the permanent alteration of this historical rural roadscape. The impact assessment for the Part A Roadways was prepared based on the proposed work depicted in Appendix B.

Based on the above, the following recommendations are made:

- 1) The locations of built heritage resources and cultural heritage landscapes should be identified on construction mapping so that project personnel are aware of the presence of heritage properties within, and adjacent to, the proposed work.
- 2) Direct impacts are anticipated to one heritage property, CHR 3 (5556 Countryside Drive) as a result of minor acquisition along property frontages to accommodate the widened roadway. This property is listed on the City of Brampton Municipal Register of Cultural Heritage. Therefore, impacts to this property should be evaluated in an HIA and where impacts are anticipated, a conservation strategy and mitigation measures should be prepared. The HIA should be completed at the outset of the detailed design phase of the project. The HIA once completed, will require presentation to the Brampton Heritage Board.
- 3) Direct impacts are anticipated to CHR 6 (Coleraine Drive) due to proposed road widening that will permanently alter the historical character of this rural road. An HIA should be completed for this roadscape to determine whether this road has heritage value when evaluated against the criteria contained in O. Reg. 9/06 of *the Ontario Heritage Act*. If the roadscape is found to have CHVI, then an impact assessment should be complete and mitigation measures prepared. The HIA should be completed at the outset of the detailed design phase of the project. The HIA once completed, will require presentation to the Brampton Heritage Board.
- 4) This report should be submitted to the City of Brampton, the Region of Peel, and MHSTCI for review and comment.

The above recommendations were prepared using drawings of the proposed work contained in Appendix B. Should the proposed work be updated or changed, then the impact assessment should be revised to confirm impacts and recommended mitigation measures. It should be noted that the above recommendations pertain only to Part A of the Arterial Roads network. Impacts related to the Part B Roadway component of the project will be addressed under a separate cover prepared by Wood.

## TABLE OF CONTENTS

Section	Page
EXECUTIVE SUMMARY .....	I
PROJECT PERSONNEL.....	V
ABBREVIATIONS .....	VI
GLOSSARY	VII
1.0 INTRODUCTION .....	1
1.1 Project Context.....	1
1.2 Development Context .....	1
1.3 Cultural Heritage Context .....	2
1.4 Objectives .....	3
2.0 METHODOLOGY.....	6
2.1 Regulatory Requirements .....	6
2.1.1 Provincial Policy Statement .....	6
2.1.2 Environmental Assessment Act.....	6
2.1.3 Ontario Heritage Act.....	7
2.2 Guidance Documents .....	8
2.3 Background Research.....	8
2.4 Information Gathering.....	8
2.5 Field Review .....	9
2.6 Inventory of Built Heritage Resources and Cultural Heritage Landscapes.....	9
2.7 Impact Assessment.....	9
3.0 BACKGROUND RESEARCH .....	11
3.1 Introduction .....	11
3.2 Physiography .....	11
3.3 Historical Background .....	12
3.3.1 Township Survey and Settlement .....	12
3.4 Review of Historical Mapping .....	14
3.4.1 19th-Century Land Use .....	14
3.4.2 20th-Century Land Use .....	14
3.4.3 21st-Century Land Use.....	15
3.5 Previous Cultural Heritage Studies.....	15
4.0 RESULTS	23
4.1 Information Gathering Results.....	23
4.2 Field Review Results .....	24
4.3 Inventory of Built Heritage Resources and Cultural Heritage Landscapes.....	25
5.0 IMPACT ASSESSMENT .....	30
5.1 Description of Proposed Work .....	30

5.2	Assessment of Potential Impacts .....	30
6.0	RECOMMENDATIONS.....	34
7.0	ASSESSOR QUALIFICATIONS.....	36
8.0	CLOSURE.....	37
9.0	SOURCES.....	39

## LIST OF TABLES

---

Table 1: Review of Historical Maps.....	14
Table 2: Built Heritage and Cultural Heritage Landscape Features (ASI 2010).....	16
Table 3: Updated Built Heritage and Cultural Heritage Landscape Features (Amec 2016) .....	19
Table 4: Built Heritage Resources and Cultural Heritage Landscape in the Study Area .....	23
Table 5: Inventory of Built Heritage Resources and Cultural Heritage Landscapes.....	26
Table 6: Impact Assessment and Mitigation Measures .....	31

## LIST OF FIGURES

---

Figure 1: Location of the Study Area .....	4
Figure 2: Aerial Photograph Showing the Location of the Study Area.....	5
Figure 3: 1859 Tremaine’s Map of the County of Peel and 1860 Tremaine’s Map of the County of York Showing the Location of the Study Area.....	21
Figure 4: 1877 Illustrated Historical Atlas Map of Peel Township and 1878 Illustrated Historical Atlas of York County Showing the Location of the Study Area.....	22
Figure 5: Inventory of Built Heritage Resources and Cultural Heritage Landscapes.....	29
Figure 6: Assessment of Potential Impacts.....	33

## LIST OF APPENDICES

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Appendix A: Information Gathering
Appendix B: Proposed Work
Appendix C: Assessor Qualifications
Appendix D: Limitations

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## Abbreviations

CHER	Cultural Heritage Evaluation Report
CHSR	Cultural Heritage Screening Report
CHVI	Cultural Heritage Value or Interest
HIA	Heritage Impact Assessment
MHSTCI	Ministry of Heritage, Sport, Tourism and Culture Industries
OHA	Ontario Heritage Act
PHP	Provincial Heritage Property
PPS	Provincial Policy Statement
SCHV	Statement of Cultural Heritage Value



## Glossary

Adjacent lands	Those lands contiguous to a protected heritage property or as otherwise defined in the municipal official plan (PPS 2020).
Built Heritage Resource:	Means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property's cultural heritage value or interest as identified by a community, including an Indigenous community. Built heritage resources are located on property that may be designated under Parts IV or V of the <i>Ontario Heritage Act</i> , or that may be included on local, provincial, federal and/or international registers (PPS 2020).
Conserved:	Means the identification, protection, management and use of built heritage resources, cultural heritage landscapes and archaeological resources in a manner that ensures their cultural heritage value or interest is retained. This may be achieved by the implementation of recommendations set out in a conservation plan, archaeological assessment, and/or heritage impact assessment that has been approved, accepted or adopted by the relevant planning authority and/or decision maker. Mitigative measures and/or alternative development approaches can be included in these plans and assessments (PPS 2020).
Cultural Heritage Landscape:	Means a defined geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association. Cultural heritage landscapes may be properties that have been determined to have cultural heritage value or interest under the <i>Ontario Heritage Act</i> , or have been included on federal and/or international registers, and/or protected through official plan, zoning by-law, or other land use planning mechanisms (PPS 2020).

## Glossary

- Heritage Attributes:** Means the principal features or elements that contribute to a protected heritage property's cultural heritage value or interest, and may include the property's built, constructed, or manufactured elements, as well as natural landforms, vegetation, water features, and its visual setting (e.g. significant views or vistas to or from a protected heritage property) (PPS 2020).
- Protected Heritage Property:** Means property designated under Parts IV, V or VI of the *Ontario Heritage Act*; property subject to a heritage conservation easement under Parts II or IV of the *Ontario Heritage Act*; property identified by the Province and prescribed public bodies as provincial heritage property under the *Standards and Guidelines for Conservation of Provincial Heritage Properties*; property protected under federal legislation, and UNESCO World Heritage Sites (PPS 2020).
- Significant:** In regard to cultural heritage and archaeology, resources that have been determined to have cultural heritage value or interest. Processes and criteria for determining cultural heritage value or interest are established by the Province under the authority of the *Ontario Heritage Act* (PPS 2020).



## 1.0 Introduction

### 1.1 Project Context

Wood Environment & Infrastructure Solutions (“Wood”) was retained by the City of Brampton (“City”) in 2016 to complete a Cultural Heritage Assessment Report (“CHAR”) in support of the ‘Schedule C’ Municipal Class Environmental Assessment (“EA”) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. The Study Area for the proposed Arterial Roads network consists of two parts: Part A (Regional Roads) and Part B (Municipal Roads). This report pertains to Part A of the proposed Arterial Roads network (Figure 1 and Figure 2). A CHAR for the Part B Roads has been prepared by Wood under a separate cover.

The Part A Study Area is comprised the following:

- Arterial A2 – a new six lane north-south roadway that connects Major Mackenzie Drive to Mayfield Road.
- Coleraine Drive – an existing roadway which will be widened to four lanes and be upgraded to include curb and gutter and multi-use pathways.

### 1.2 Development Context

The City of Brampton continues to grow and develop into a more urban municipality. To accommodate future growth in north-east Brampton, a Council approved Secondary Plan for Area 47, which is bounded by Mayfield Road to the north, Castlemore Road to the south, Regional Road 50 (RR50) to the east, and Gore Road to the west. To service this growth, new infrastructure must be provided that recognizes the capacity needs of planned growth and the objectives of protecting established communities and businesses.

The City of Brampton has identified through its Transportation and Transit Master Plan (TTMP) 2009, the need for additional capacity in the road network up to the planning horizon year of 2031. As part of the TTMP, road network improvements within Secondary Plan Area 47 include a new north-south major arterial road (Arterial A2), a new east-west minor arterial road (E-W Arterial) and widening of Countryside Drive, Coleraine Drive and Clarkway Drive.

The Region of Peel, the City of Brampton and the Town of Caledon jointly completed the Peel-Highway 427 Extension Area Transportation Master Plan study to confirm the road network requirements in the Region of Peel in proximity to the future extension of Highway 427 including Secondary Plan Area 47. The study recommended a number of road network improvements in the area that includes a combination of road widening and the provision for a new arterial road (Arterial A2) from Major Mackenzie Drive at RR 50 to Mayfield Road east of Clarkway Drive. Recommendations of this study were endorsed by the Region of Peel, City of Brampton and the Town of Caledon in 2009. The Highway 427 Industrial Secondary Plan (Area 47) Transportation

Master Plan Study has supplemented the Transportation and Transit Master Plan (TTMP) and the Peel-Highway 427 Extension Area Transportation Master Plan and recommended an arterial road network within Secondary Plan Area 47 as follows:

- Part A Roads:
  - A new six-lane north-south major arterial road (Arterial A2) from Mayfield Road east of Clarkway Drive to Major Mackenzie Drive/RR50
  - Widening of Coleraine Drive from Arterial A2 to Mayfield Road including realignment at Arterial A2 west of RR50;
- Part B Roads:
  - A new four-lane east-west minor arterial road from The Gore Road to Arterial A2 (E-W arterial);
  - Widening of Clarkway Drive from Castlemore Road to E-W Arterial to four lanes and urbanizing Clarkway Drive between E-W arterial and Mayfield Road with potential continuous centre turn lane; and,
  - Widening of Countryside Drive to four lanes from Clarkway Drive to RR 50 including realignment at RR50.

The Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan has satisfactorily completed Phases 1 and 2 of the MCEA process for the above-mentioned road corridors and recommends commencement of Phases 3 and 4 of the EA process. This addresses Phases 3 and 4 of the MCEA requirements for the above five arterial roads. The broader Study Area is bounded by north of Mayfield Road, east of RR 50, south of Castlemore Road and west of The Gore Road.

### 1.3 Cultural Heritage Context

Amec Foster Wheeler (“Amec”) completed a draft CHER for the Study Area (Parts A and B) in 2016. The draft report was not finalized or submitted to the Ministry of Heritage, Sport, Tourism and Culture Industries (“MHSTCI”) for review. Following the preparation of the original CHER, the preliminary preferred design for Part A of the Study Areas was updated and finalized in January 2020. The location and alignment of the proposed arterial roads in Part A of the Study Area included lands that were not assessed as part of the 2016 CHER. To address this issue, this report presents the results of the original 2016 CHER, confirms the existing conditions of previously identified built heritage resources and cultural heritage landscapes, and presents updated impact assessment and mitigation measures. Linda Axford, Cultural Heritage Specialist at Wood (now retired), completed the 2016 draft of this report and Heidi Schopf, Built and Landscape Heritage Team Lead at Wood, completed the update in 2020.



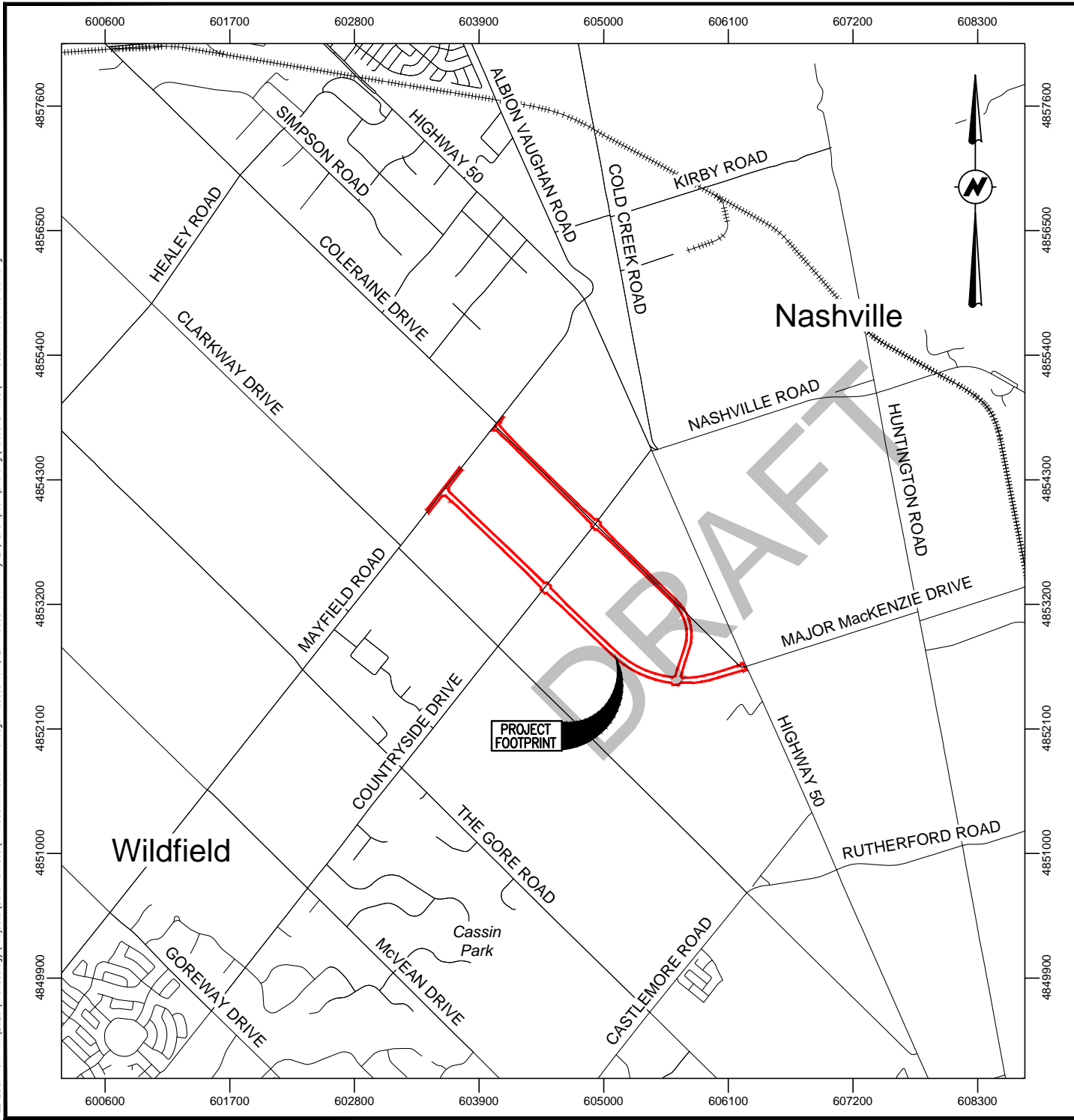
In addition to the 2016 draft of this report, a Cultural Heritage Study Report was prepared in July 2010 by Archaeological Services Inc. ("ASI") as part of the Secondary Plan Area 47 planning processes. This report summarizes the key findings of ASI's 2010 assessment.

## 1.4 Objectives

The objectives of this CHAR include:


- Background historic research, including consultation of primary and secondary literature and historic mapping in order to elucidate the evolution of built environments and cultural heritage landscapes within and adjacent to the project area;
- Review of previous cultural heritage studies completed in the Study Area, including the Cultural Heritage Study Report prepared by ASI in 2010 and the draft CHER completed by Amec in 2016;
- Data collection to obtain listings of cultural heritage structures/objects and cultural heritage landscape on current National, Provincial and Municipal heritage lists (easements and designations);
- Conduct an on-site survey to confirm existing conditions and heritage resources within the Study Area, including photographic documentation and confirmation or updating of the data collected from secondary sources;
- Consult library, municipal and archival sources for historical information pertinent to the surrounding cultural heritage;
- Review existing cultural information. Complete background historical research to confirm settlement history. Complete historical mapping and aerial photography research;
- Contact the area municipality regarding community interest, and municipally inventoried or designated properties in the Study Area; and,
- Prepare a report that identifies all affected cultural heritage resources, addresses each of the criteria in Ontario Regulation 9/06 and makes appropriate recommendations concerning any mitigation measures that may be required.

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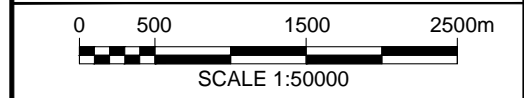


**PROJECT:** CULTURAL HERITAGE ASSESSMENT (PART 'A')  
 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
 FORMER TOWNSHIP OF TORONTO GORE, COUNTY OF PEEL  
 AND LOTS 25 AND 26, CONCESSION 10  
 FORMER TOWNSHIP OF VAUGHAN, COUNTY OF YORK  
 REGIONAL MUNICIPALITY OF PEEL  
 NOW THE CITY OF BRAMPTON, ONTARIO

**TITLE:**  
 LOCATION OF THE STUDY AREA

**LEGEND:**  
 PART 'A' PROJECT FOOTPRINT

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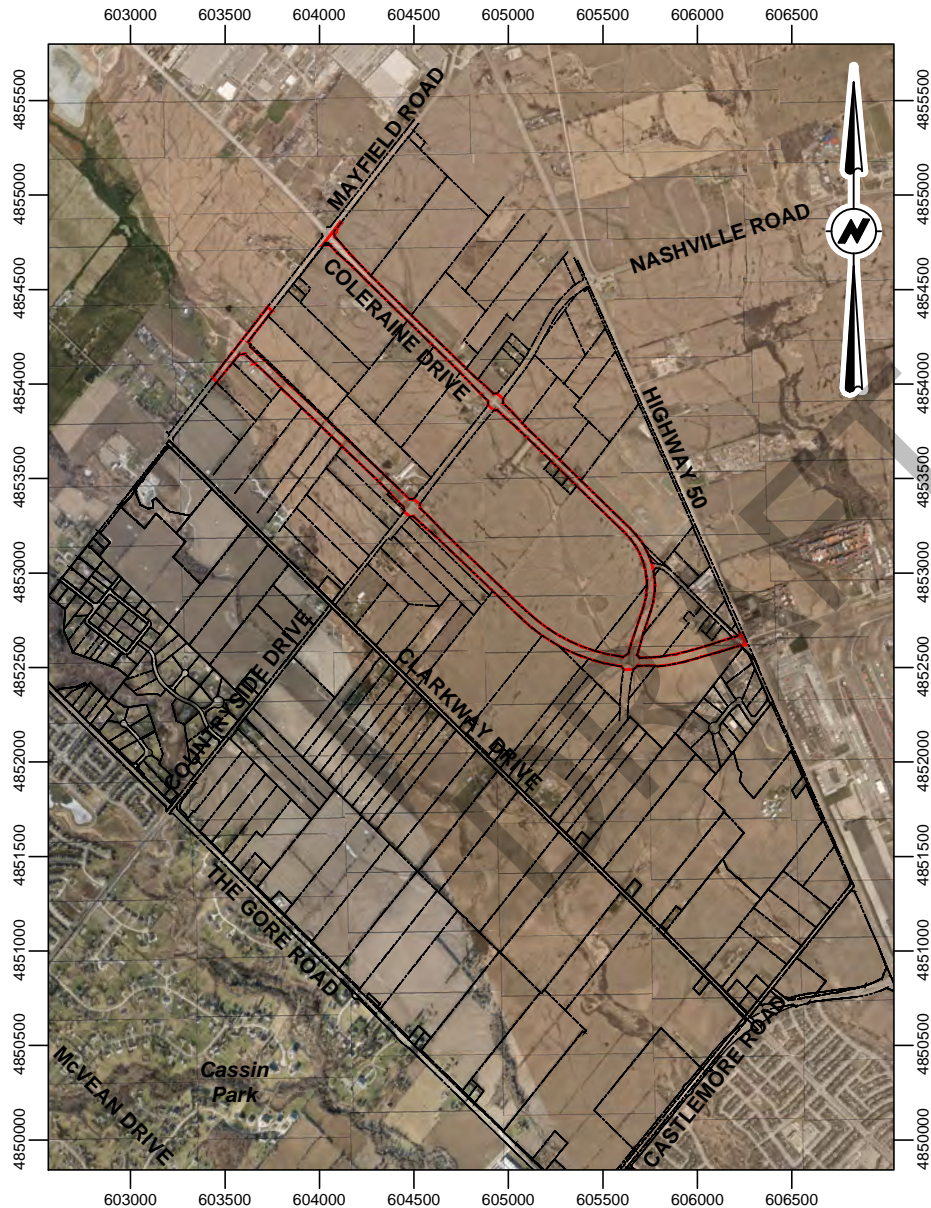


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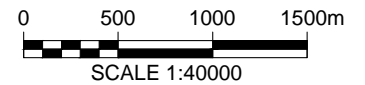


**PROJECT:** CULTURAL HERITAGE ASSESSMENT (PART 'A')  
 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
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**TITLE:**  
 AERIAL PHOTOGRAPH SHOWING  
 THE LOCATION OF THE STUDY AREA

- LEGEND:**
- PART 'A' PROJECT FOOTPRINT
  - PROPERTY LINE

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## 2.0 Methodology

### 2.1 Regulatory Requirements

The requirements to consider cultural heritage under the Environmental Assessment (EA) process are found in the Provincial Policy Statement (PPS) 2020 (Government of Ontario 2020) and the *Environmental Assessment Act* R.S.O. 1990, c. E.18 (EA Act). Requirements specific to cultural heritage resources are found in the *Ontario Heritage Act*, R.S.O. 1990, c. O.18 (Government of Ontario 1990a).

#### 2.1.1 Provincial Policy Statement

The PPS provides policy direction on matters of provincial interest related to land use planning and development (Government of Ontario 2020:1). The PPS is applicable to the entire Province of Ontario. Under the PPS, the conservation of cultural heritage is identified as a matter of provincial interest. Section 2.6 of the PPS gives direction on the consideration of cultural heritage and archaeology (Government of Ontario 2020:31). Specifically, the following direction is given regarding built heritage resources, cultural heritage landscapes, and protected heritage properties:

*2.6.1 Significant built heritage resources and significant cultural heritage landscapes shall be conserved*

*2.6.3 Planning authorities shall not permit development and site alteration on adjacent lands to protected heritage property except where the proposed development and site alteration has been evaluated and it has been demonstrated that the heritage attributes of the protected heritage property will be conserved.*

(Government of Ontario 2020)

#### 2.1.2 Environmental Assessment Act

The *Environmental Assessment Act* (EA) Act sets out planning and decision-making processes so that potential environmental effects are considered before a project begins (Government of Ontario 1990b). The EA Act applies to provincial ministries and agencies, municipalities, and public bodies. Under the EA Act, there are two types of assessments: Individual EAs and Streamlined EAs. Individual EAs are large-scale, complex projects with the potential for significant environmental effects. Streamlined EAs are routine projects that have predictable and manageable environmental effects. This project, the Arterial Roads EA, falls under the Streamlined EA process as a 'Schedule C' MCEA.

The requirement to consider cultural heritage in Class EAs is discussed in the MCEA Manual (2015) where the cultural environment is identified as one of the key considerations in the MCEA process

(MEA 2015: B.1.1). Under Section B of the MCEA Manual, the cultural environment includes archaeological resources, areas of archaeological potential, built heritage resources, cultural heritage landscapes, and cultural heritage resources [MEA 2015: B.1.1(4)]. Further, the MCEA Manual [2015: B1.1(4)] gives the following direction regarding the cultural environment:

*Significant cultural heritage and archaeological resources features should be avoided where possible. Where they cannot be avoided, then effects should be minimized where possible, and every effort made to mitigate adverse impacts, in accordance with provincial and municipal policies and procedures. Cultural heritage features should be identified early in the process in order to determine significant features and potential impacts.*

### **2.1.3 Ontario Heritage Act**

The *Ontario Heritage Act*, R.S.O. 1990, c. O18, provides a framework for the protection of cultural heritage resources in the Province. It gives municipalities and the provincial government powers to protect heritage properties and archaeological sites. The *Ontario Heritage Act* includes two regulations for determining Cultural Heritage Value or Interest ("CHVI"): *Ontario Regulation* (O. Reg.) 9/06 and O. Reg. 10/06. O. Reg. 9/06 provides criteria to determine the CHVI of a property at a local level while O. Reg. 10/06 provides criteria to determine if a property has CHVI of provincial significance. The criteria for determining CHVI under O. Reg. 9/06 include:

1. The property has design value or physical value because it,
  - i. is a rare, unique, representative or early example of a style, type, expression, material or construction method,
  - ii. displays a high degree of craftsmanship or artistic merit, or
  - iii. demonstrates a high degree of technical or scientific achievement.
2. The property has historical value or associative value because it,
  - i. has direct associations with a theme, event, belief, person, activity, organization or institution that is significant to a community,
  - ii. yields, or has the potential to yield, information that contributes to an understanding of a community or culture, or
  - iii. demonstrates or reflects the work or ideas of an architect, artist, builder, designer or theorist who is significant to a community.
3. The property has contextual value because it,
  - i. is important in defining, maintaining or supporting the character of an area,

- ii. is physically, functionally, visually or historically linked to its surroundings, or
- iii. is a landmark. (Government of Ontario 2006a)

## 2.2 Guidance Documents

The Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) is responsible for the administration of the *Ontario Heritage Act* and has developed checklists, information bulletins, standards and guidelines, and policies to support the conservation of Ontario's cultural heritage resources, including built heritage resources, cultural heritage landscapes, and archaeological sites.

The MHSTCI *Ontario Heritage Toolkit* gives guidance and information on the heritage conservation process in Ontario (MHSTCI 2017). Specifically, the information sheets contained in the *Heritage Resources in the Land Use Planning Process: Cultural Heritage and Archaeology Policies of the Ontario Provincial Policy Statement, 2005* were used to guide the general preparation of this report (MHSTCI 2006). *InfoSheet#5: Heritage Impact Assessment and Conservation Plans* was used to guide the assessment of potential impacts resulting from the proposed work.

The results of the impact assessment are presented in Section 5.2 of this report.

## 2.3 Background Research

Background research was carried out during the preparation of this CHAR to gain a thorough understanding of the historical context of the Study Area. Primary sources, secondary sources, historical maps, and aerial photographs were consulted, as appropriate, to identify historical themes relevant to the Study Area. Specifically, research regarding the physiography, survey and settlement, 19th century land use, and 20th century land use of the Study Area was completed. A review of historical mapping and aerial photographs was also conducted to identify settlements, structures, and landscape features within, and adjacent to, the Study Area. Historical maps from 1859, and 1877 were reviewed. In addition, recent aerial photographs and Google Earth imagery were reviewed to identify changes within, and adjacent to, the Study Area.

The results of the background research are presented in Section 3.0 of this report.

## 2.4 Information Gathering

The City of Brampton, Ontario Heritage Trust, and MHSTCI were contacted directly via email to gather information of protected and potential built heritage resources and cultural heritage landscapes within, and adjacent to, the Study Area. The results of these information activities are presented in Section 4.1 of this report and records of responses received are provided in Appendix A

## 2.5 Field Review

A field review of the Study Area was completed in both 2016 and 2020 to identify protected and potential built heritage resources and cultural heritage landscapes. During the field review, the 40-year 'rule of thumb' was used to identify properties with the potential to have CHVI. The 40-year rule is generally accepted by federal and provincial agencies as a preliminary screening measure for CHVI. It should be noted, however, that the 40-year threshold is a guide only and does not imply that all properties of 40 years of age have CHVI. Nor does it exclude properties that are less than 40 years of age and exhibit CHVI. The professional judgement of Wood's Cultural Heritage Specialist was used during the field review to apply the 40-year rule and identify properties with potential CHVI.

The results of the field review are presented in 4.2 of this report.

## 2.6 Inventory of Built Heritage Resources and Cultural Heritage Landscapes

Following the completion of the background research, information gathering, and field review, an inventory of built heritage resources and cultural heritage landscapes was created. The inventory includes both protected and potential heritage properties. For the purpose of the inventory, potential heritage properties must meet the 40-year threshold and have the potential to satisfy at least one criterion for determining CHVI under O. Reg. 9/06.

The inventory of built heritage resources and cultural heritage landscapes is presented in Section 4.3 of this report.

## 2.7 Impact Assessment

An assessment was completed to determine impacts—direct or indirect—to identified built heritage resources and cultural heritage landscapes by the proposed work. The impact assessment for this CHAR was prepared using MHSTCI *InfoSheet #5: Heritage Impact Assessment and Conservation Plans* (InfoSheet #5) (2006). The following impacts to cultural heritage resources were considered:

- Destruction of any, or part of any, significant heritage attributes or features;
- Alteration that is not sympathetic, or is incompatible, with the historic fabric and appearance;
- Shadows created that alter the appearance of a heritage attribute or change the viability of a natural feature or plantings, such as a garden;
- Isolation of a heritage attribute from its surrounding environment, context or a significant relationship;
- Direct or indirect obstruction of significant views or vistas within, from, or of built and natural features;

- A change in land use such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces; and,
- Land disturbances such as a change in grade that alters soils, and drainage patterns that adversely affect and archaeological resource.

It should be noted that the consideration of archaeological resources is beyond the scope of this CHAR. Potential impacts to archaeological resources resulting from land disturbance requires assessment by a licensed professional archaeologist with the MHSTCI. An archaeological assessment for this project has been prepared by Wood under a separate cover.

In addition, mitigation measures outlined in MHSTCI InfoSheet#5 were used to guide the preparation of considered alternatives, mitigation and conservation methods. These include methods of minimizing or avoiding a negative impact to cultural heritage resources, such as:

- Alternative development approaches;
- Isolating development and site alteration from significant built and natural features and vistas;
- Design guidelines that harmonize mass, setbacks, settings, and materials;
- Limiting height and density;
- Allowing only compatible infill and additions;
- Reversible alterations; and,
- Buffer zones, site plan control, and other planning mechanisms.

The results of the impact assessment and recommended mitigation measures are contained in Section 5.0 of this report.

## 3.0 Background Research

### 3.1 Introduction

In order to gain a thorough understanding of the history of the Study Area, a review of its physiography, survey and settlement, 19th-century land use, and 20th-century land use was completed. A review of historical mapping and aerial photographs was also conducted to identify settlements, structures, and landscape features within, and adjacent to, the Study Area. Historically, the Study Area is located within Lots 13-17, Concession 11 and Lots 14-17 Concession 12, Former Township of Toronto Gore, County of Peel.

### 3.2 Physiography

The Study Area is situated within the Peel Plain physiographic region of Ontario (Chapman and Putnam 1984:113). This physiographic region consists of approximately 777 square km (300 square miles) of clay soils that cover the central portion of the Regional Municipality of York, Peel and Halton (Chapman and Putnam 1984:174). The underlying geological material consists of shale and limestone. According to Chapman and Putman (1984), this area would have been covered by hardwood forests (Chapman and Putnam 1984:175). The Peel Plain was settled during the early part of the 19th century for its fertile clay soils (Chapman and Putnam 1984:176). Until the 1940s, the land was used for agricultural purposes, beginning with the growing of wheat, hay and alfalfa. In addition, various racehorse farms and small fruit, vegetable and poultry farms were established. According to Chapman and Putman (1984:176), most of the farms were 100 acres in size and had the following configuration: the majority of the land was used for field crops, a small portion of it for pasture and about 6-7% remained as woodlots. Since the 1960s, the villages and towns have grown rapidly. The closest town to the study area is Milton.

The dominant surface soil type within the study area is Lacustrine over heavy till clay (OMAFRA 2006). This soil is characterized as having imperfect drainage and smooth and gently sloping topography.

According to the "Ministry of Northern Development and Mines Quaternary Geology", map 2556, this immediate area includes Halton Till (Ontario-Erie lobe) deposits which are predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor.

The Study Area is located within the West Humber River watershed and a number of tributaries traverse the Study Area. The Humber River was designated as a Canadian Heritage River in 1999 for cultural heritage and recreational reasons (Canadian Heritage Rivers System 2020).

### 3.3 Historical Background

#### 3.3.1 Township Survey and Settlement

Historically, the Study Area is located within Lots 13-17, Concession 11 and Lots 14-17 Concession 12, Former Township of Toronto Gore, County of Peel.

##### 3.3.1.1 The County of Peel

By 1788, the County of Peel formed a part of the extensive district known as the “Nassau District”, afterwards called the “Home District” (Walker and Miles 1877:58). By the late 1800s, the County of Peel was comprised of the Townships of Toronto, Toronto Gore, Chinguacousy, Caledon and Albion, the incorporated Town of Brampton and the incorporated Villages of Streetsville and Bolton.

The majority of the county was settled by the year 1819, with the first settlers coming from New Brunswick, the United States and other parts of Upper Canada. They settled in Toronto Township, known as the “Old Survey” in about 1808 or 1810. The greater part of the new survey was settled by a colony of Irish from the City of New York in 1819. Chinguacousy was chiefly settled by U.E. Loyalists and their descendants, and others from elsewhere in Upper Canada, while the other townships were mostly settled by British immigrants (Walker and Miles 1877:61).

In 1877, Pope noted that the County of Peel, although one of the smallest counties in the Province, was not inferior in wealth or population. It consisted of 118,694.3 ha of land and was 59.5 km in length, with an average width of about 24.1 km. The roads of the county were generally good, with Dundas Street, one of the leading roads in the province, partly gravelled and macadamized in 1836. The leading road through the length of the county was Hurontario, with the Sixth Line, which extended from Dundas Street, also being well travelled (Walker and Miles 1877:59).

##### 3.3.1.2 Township of Toronto Gore

Toronto Gore split from the Chinguacousy Township in 1831 and later in 1867 it became a part of Peel County when the county split from York County. Its name is derived from its particular boundary shape, as it resembles a wedge introduced between the adjacent townships of Chinguacousy, Toronto, Vaughan, and Etobicoke.

The area that would eventually comprise the Township of Toronto Gore was formally surveyed in 1818, and the first “legal” settlers took up their lands later in the same year. The extant survey diaries indicated that the original timber stands within the township included oak, ash, maple, beech, elm, basswood, hemlock and pine. The first landowners in the township were composed of settlers from New Brunswick the United States, and also some United Empire Loyalists and their children (Walker and Miles 1877:65).



There are several historic settlements located within the Toronto Gore, including Castlemore, Coleraine, Toremore and several others. The three listed above are adjacent to the Study Area. The report produced by Archaeological Services Inc. (ASI) entitled: Highway 427 Industrial Secondary Plan (Area 47) Lots 11 to 17, Concessions 10 to 11 and Lots 13 to 17, Concession 12, Former Township of Toronto Gore, County of Peel, City of Brampton, Regional Municipality of Peel, Ontario (ASI 2010) outlines a brief history for all three of the historic settlements. Also the *Illustrated Historical Atlas of Peel County* (Walker & Miles 1877) also outlines a brief history of each township.

### **3.3.1.3 Castlemore Settlement**

Castlemore is a small village that is located along Gore road, approximately 16 km from Brampton on a tributary of the West Humber River located on part of Lots 10 and 11, Concessions 9 and 10, Toronto Gore Township. There was a post office, shoe store, blacksmith, hotel, a church and a schoolhouse. In 1877 the population was approximately 100 (Walker & Miles 1877).

### **3.3.1.4 Coleraine Settlement**

The Village of Coleraine was located on part of Lots 12 and 13, Concession 12, along the Township line of Toronto Gore and Vaughan along Highway 50 and Major Mackenzie Drive. It is said to have been named after two of the leading families in the area, those of Cole and Raine. This town had a post office, store, blacksmith, a wagon shop, hotel and a Temperance House. In 1877 the population was approximately 100 (Walker & Miles 1877).

### **3.3.1.5 Toremore Settlement**

The settlement of Toremore was situated at the intersection of Mayfield Road and Highway 50, on part of Lot 17 Concession 12, Toronto Gore Township and part of Lot 1 concession 7, Albion Township. The settlement had a store, post office (established in 1861), blacksmith, a Temperance House and a school (Walker & Miles 1877).

### **3.3.1.6 Township of Vaughan**

The survey of the Township of Vaughan began as early as 1795 by John Iredell but was not completed until 1851 (Mika and Mika 1983: 574). The township was named after Benjamin Vaughan, one of two representatives sent by Lord Melbourne to negotiate peace terms with the Americans in 1783. The first settlers came to the township as early as 1778 and took up residence in the southeast corner of the township. Most of the early settlers were predominantly British, many of whom worked as farm labourers (Mika and Mika 1983:575). Both religion and education were important to the early settlers, and by 1825, 20 schools had been established. Sixteen churches, of various denominations, were also built (Miles & Co. 1880: 574-575).





### 3.4 Review of Historical Mapping

#### 3.4.1 19th-Century Land Use

Historical records and mapping were examined to gain an understanding of 19<sup>th</sup>-century land use in the Study Area. A summary of these historical records is presented below in Table 1. Historical maps reviewed are provided at the end of this report section (Figure 3 and Figure 4).

Location		1859 Tremaine's Map		1877 Historical Atlas	
Conc.	Lot	Owner(s)	Features	Owner(s)	Features
11	13	Edward Kelley (NW ¼) Joseph Parr (SW ¼) Samuel Ackroid (E ½)	Historic Tributary	Thomas Webster (E ½) William Kersey (N ¼) Thomas Montgomery (SW ¼)	Residence Residence
	14	M. A. Stonehouse (W ½) Thomas Cole (E ½)	Historic Tributary	Thomas Cole (E ½) Isaac Devins (W ½)	Residence
	15	Richard Clark (W ½) Edward Pierson (E ½)	Historic Tributary	Richard Clark (W ½) John Splan (E ½)	Residence Residence
	16	James Craven (N ½) Heirs of J. Craven (SW ¼) Rachel Craven (SE ¼)	Two residential buildings Blacksmith shops	Mrs. Rachel Craven (SE ¼) James Craven (remaining portion of Lot)	Residence Residence
	17	Richard St. John (NW ¼) Robert Barbour (SW ¼) Andrew McCourt (E ½)	Historic Tributary	John Splan (E ¼) James Craven (Central ¼) Nathaniel Beamish (SW ¼) John Gilmore (NW ¼)	Residence Residence
12	14	Thomas Cole		Thomas Cole	Residence
	15	Robert Woodill		John Cameron	Residence
	16	John Splan (W ½) Ronald Tibb (E ½)	School House	John Splan (W 1/3) Walter Watson (E 2/3)	Residence Residence
	17	N. Green (NW ¼) Robert Hart (Remaining portion of Lot)	Church	John Hart (NW ¼) W.S. Hart (SW ¼) George Hart (E ½)	Residence Residence Church

#### 3.4.2 20th-Century Land Use

The Study Area is located in what is known today as the City of Brampton. The City of Brampton saw new industries to the town at the beginning of the 20<sup>th</sup> century concentrated primarily along the rail line. In 1910 Brampton's population reached 4,000. While population growth in Brampton slowed during the first half of the 20<sup>th</sup> century, Brampton underwent a dramatic population boom post World War Two as suburban development exploded during the 1950s. As a result of the population boom new subdivisions were constructed. In 1948, the Etobicoke River flooded the City of Brampton, and following the devastation, the construction of a concrete diversion channel began in June 1950 and was completed in July 1952. In 1974, the Region of Peel was created, and



Brampton became a city. In the 1980s and 1990s, large subdivisions were developed on lands that were formally used for farming (Region of Peel Archives 2020).

### 3.4.3 21st-Century Land Use

The City of Brampton continues to grow and develop into a more urban municipality. To service this growth, new infrastructure is being implemented to address the capacity needs of planned growth and the objectives of protecting established communities and businesses. To assess the degree of new development in the Study Area, available online aerial imagery between 2002 and 2018 was examined. Overall, land use in the Study Area appears to be very stable and few changes were noted.

## 3.5 Previous Cultural Heritage Studies

One previous cultural heritage study has been completed over the footprint of the current Study Area. This study was completed by ASI in 2010 and its titled: *Cultural Heritage Study: Highway 427 Industrial Secondary Plan (Area 47), Lots 11 to 17, concessions 10 to 11 and Lots 13 to 17, Concession 12, Former Township of Toronto Gore, County of Peel, City of Brampton, Regional Municipality of Peel, Ontario*. This report indicated the following:

1. Fourteen cultural heritage resources were identified as strong candidates for conservation and integration into future land use developments in the secondary plan area.
2. Two cultural heritage resources were identified as retaining historical, architectural, or contextual values.
3. Six cultural heritage resources were identified as exhibiting potential for or retaining architectural, historical, or contextual values and were recommended for preparation of a heritage impact assessment during the Block Plan stage.
4. Three cultural heritage resources were identified as historic roadscapes that continue to retain elements that are evocative of their 19th century origins and function as original concession roads.
5. Should resources recommended for conservation and for preparation of future heritage impact assessments during the Block Plan stage become vacant or are currently vacant, the property should be secured in accordance with the *City of Brampton's Guidelines for Securing Vacant Built Heritage Resources* (2010).
6. To ensure the protection and conservation of cultural heritage resources in the secondary plan area, the City of Brampton shall consider use of the following means including: designation under the *Ontario Heritage Act*; securing of a heritage easement agreement on the property; listing of the property on the municipal heritage register; designating areas within the secondary plan area as 'Areas with Cultural Heritage

Character' where appropriate and developing heritage conservation objectives for that area and carrying out Cultural Heritage Area Impact Assessments were required; development of a satisfactory financial or other agreement to fully restore or reconstruct heritage structures or attributes damaged or demolished as a result of future land uses; and/or site plan approval conditions.

7. Land use development in the secondary plan area should be planned to integrate the conservation of cultural heritage resources with conservation strategies of natural heritage features and environmentally-sensitive areas.
8. Urban design and built form guidelines for the secondary plan area should be planned to ensure appropriate relationships between new residential buildings and residential cultural heritage resources.
9. New development adjacent to or incorporating a cultural heritage resource should be respectful of the resource, having regard for scale, massing, setbacks, building materials, and design features.
10. Significant views and focal points should be established in the secondary plan area to provide views and vistas of prominently located cultural heritage resources.
11. Opportunities for interpretative strategies within the secondary plan should be identified and implemented.

The built heritage resources and cultural heritage landscapes identified by ASI in 2010 are listed below in Table 2. Amec completed a review of these properties in 2016 and provided an update on the existing conditions of these properties at the time. The results of Amec's 2016 review are provided in Table 3. Properties relevant to this Part A CHAR are highlighted in grey.

<b>Feature</b>	<b>Address</b>	<b>Type</b>	<b>Identification</b>	<b>Recommendations</b>
CHR1	7905 Mayfield Road	Farmstead	Listed with a B rating	No further work required.
CHR 2	8211 Mayfield Road	Barn	Identified by ASI	An HIA should be conducted during the Block Plan stage.
CHR 3	Lot 17, Con. 12	Pre-1900 Barn	Identified by ASI	No further work required.
CHR 4	11970 Highway 50	Farmstead	Listed with a B rating	Strong candidate for conservation and potential adaptive re-use. An HIA should be conducted during the Block Plan stage.
CHR 5	Highway 50 Shiloh Cemetery	Cemetery	Listed with a A rating	Strong candidate for conservation and potential adaptive re-use. An HIA should be conducted during the Block Plan stage.
CHR 6	11176 Highway 50	Farm Complex	Identified by ASI	Strong candidate for conservation.



**Table 2: Built Heritage and Cultural Heritage Landscape Features (ASI 2010)**

Feature	Address	Type	Identification	Recommendations
				An HIA should be conducted during the Block Plan stage.
CHR 7	5556 Countryside Drive	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 8	Lot 16, Con. 11	Remnant Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 9	Countryside Drive and Clarkway intersection	Culvert	Identified by ASI	No further work required.
CHR 10	497 Countryside Drive	Barn/Outbuilding	Identified by ASI	No further work required.
CHR 11	10955 Clarkway Drive	Farm Complex	Listed with a B rating	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 12	10916 Coleraine Drive	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 13	10980 Highway 50	Farm Complex	Listed with a B rating	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 14	10690 Highway 50	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 15	10514 Coleraine Drive	Ruins; Relic Farm Complex	Identified by ASI	No further work required.
CHR 16	West side of Coleraine Drive	Drive Shed	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 17	10699 Clarkway Drive	Residence	Identified by ASI	No further work required.
CHR 18	10671 Clarkway Drive	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 19	10644 Clarkway Drive	Residence	Identified by ASI	An HIA should be conducted during the Block Plan stage.
CHR 20	10484 Clarkway Drive	Residence	Identified by ASI	An HIA should be conducted during the Block Plan stage.
CHR 21	10411 Clarkway Drive	Residence	Identified by ASI	No further work required.
CHR 22	10307 Clarkway Drive	Farm Complex	Identified by ASI	Strong candidate for conservation.



**Table 2: Built Heritage and Cultural Heritage Landscape Features (ASI 2010)**

Feature	Address	Type	Identification	Recommendations
				An HIA should be conducted during the Block Plan stage.
CHR 23	10192A Highway 50	Farm Complex	Listed with a A rating	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 24	10089 Clarkway Drive	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 25	10015 Clarkway Drive	Residence	Identified by ASI	No further work required.
CHR 26	4764 Castlemore Road (should be 4784 Castlemore Road)	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 27	10159 The Gore Road	Farm Complex	Listed with a B rating	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 28	10263 The Gore Road	Farm Complex	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage. This property is vacant and neglected with removal of some heritage attributes such as tree lines flanking the drive.
CHR 29	10365 The Gore Road	Farm Complex	Identified by ASI	An HIA should be conducted during the Block Plan stage.
CHR 30	10431 The Gore Road	Residence	Identified by ASI	Strong candidate for conservation. An HIA should be conducted during the Block Plan stage.
CHR 31	10691 The Gore Road	Remnant Agricultural Landscape	Identified by ASI	No further work required.
CHR 32	10947A The Gore Road	Barn	Identified by ASI	No further work required.
CHR 33	The Gore Road north of Castlemore Road	Bridge	Identified by ASI	No further work required.
CHR 34	10461 Highway 50	Residence	Identified by ASI	No further work required.
CHR 35	Clarkway Drive south of Countryside Drive	Culvert	Identified by ASI	No further work required.
CHR 36	Countryside Drive	Roadscape	Identified by ASI	The roadscape should be documented in advance of road improvements.
CHR 37	Clarkway Drive	Roadscape	Identified by ASI	The roadscape should be documented in advance of road improvements.



**Table 2: Built Heritage and Cultural Heritage Landscape Features (ASI 2010)**

Feature	Address	Type	Identification	Recommendations
CHR 38	Coleraine Drive	Roadscape	Identified by ASI	The roadscape should be documented in advance of road improvements.

**Table 3: Updated Built Heritage and Cultural Heritage Landscape Features (Amec 2016)**

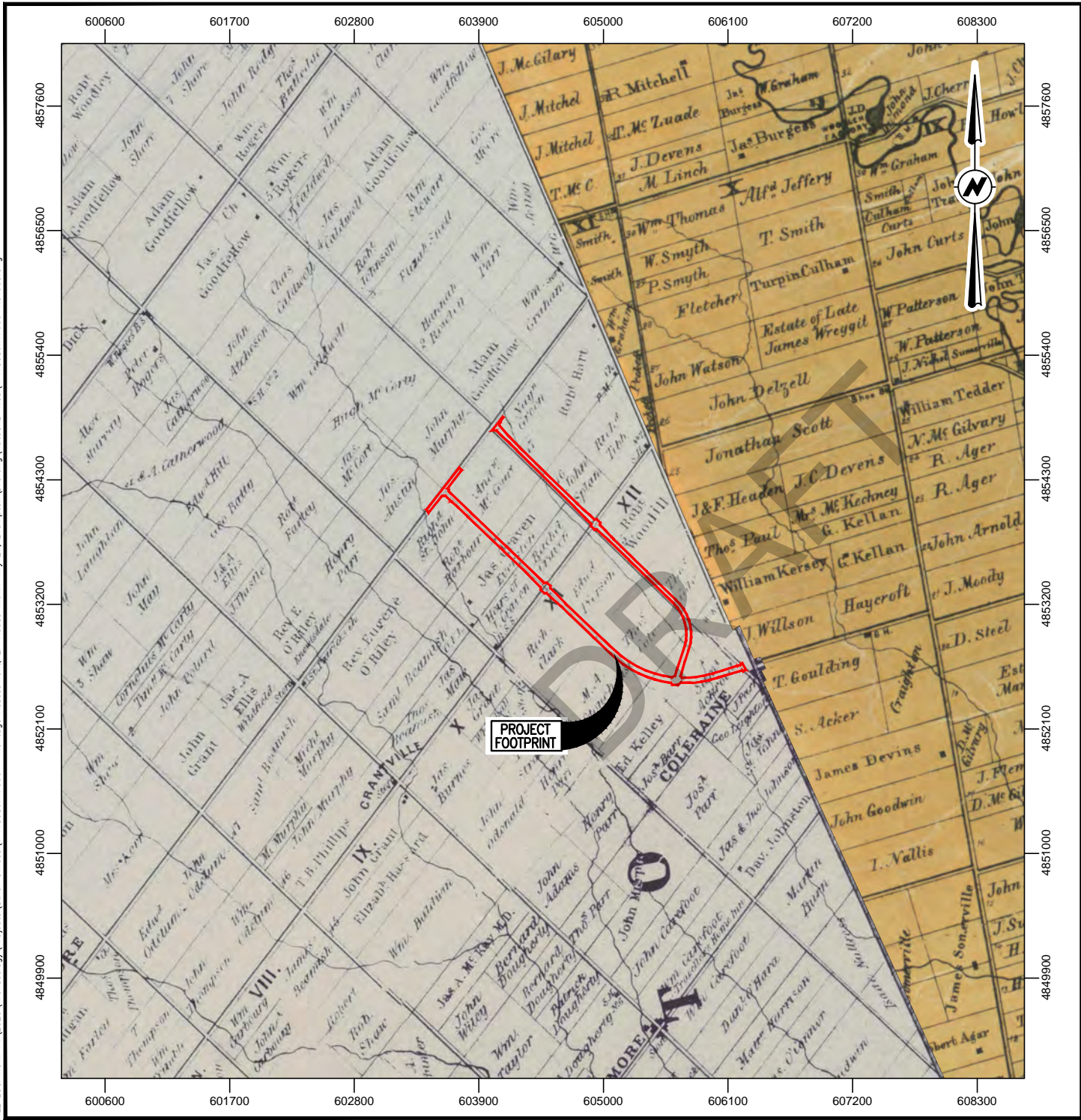
Feature	Address	Feature Type	Notes on Updates
CHR 1	7905 Mayfield Road Listed as a Category B building on municipal heritage inventory.	Farmstead	Demolished due to poor condition and future road widening.
CHR 2	8211 Mayfield Road	Barn	Not listed Outside the Study Area
CHR 3	Lot 17, Con. 12	Pre-1900 Barn	Not listed
CHR 4	11970 Highway 50	Farmstead	Still listed with B rating Not affected by project
CHR 5	Highway 50 Shiloh Cemetery	Cemetery	Designated in 2010 Outside of Study Area
CHR 6	11176 Highway 50	Farm Complex	Listed, no rating Not affected by project
CHR 7	5556 Countryside Drive	Farm Complex	Listed, no rating
CHR 8	Lot 16, Con. 11	Remnant Farm Complex	Not listed
CHR 9	Countryside Drive and Clarkway intersection	Culvert	Not listed
CHR 10	4973 Countryside Drive	Barn/Outbuilding	Not listed
CHR 11	10955 Clarkway Drive	Farm Complex	Designated
CHR 12	10916 Coleraine Drive	Farm Complex	Approved for demolition in 2014
CHR 13	10980 Highway 50	Farm Complex	Still listed with B rating Not affected by project
CHR 14	10690 Highway 50	Farm Complex	Listed and relocated to 10900 Coleraine Drive Designation in progress
CHR 15	10514 Coleraine Drive	Ruins; Relic Farm Complex	Not listed
CHR 16	West side of Coleraine Drive	Drive Shed	Not listed
CHR 17	10699 Clarkway Drive	Residence	Not listed
CHR 18	10671 Clarkway Drive	Farm Complex	Listed, destroyed by fire in 2015
CHR 19	10644 Clarkway Drive	Residence	Not listed
CHR 20	10484 Clarkway Drive	Residence	Not listed
CHR 21	10411 Clarkway Drive	Residence	Not listed
CHR 22	10307 Clarkway Drive	Farm Complex	Listed, no rating
CHR 23	10192A Highway 50	Farm Complex	Still listed with A rating Not affected by project



CHR 24	10089 Clarkway Drive	Farm Complex	Listed, no rating
CHR 25	10015 Clarkway Drive	Residence	Not listed
CHR 26	4764 Castlemore Road (4784)	Farm Complex	Still listed with B rating Should be 4784 Castlemore Road
CHR 27	10159 The Gore Road	Farm Complex	Destroyed by fire in 2012
CHR 28	10263 The Gore Road	Farm Complex	Destroyed by fire in 2011
CHR 29	10365 The Gore Road	Farm Complex	Not listed
CHR 30	10431 The Gore Road	Residence	Listed, no rating
CHR 31	10691 The Gore Road	Remnant Agricultural Landscape	Not listed Not affected by project
CHR 32	10947A The Gore Road	Barn	Not listed
CHR 33	The Gore Road north of Castlemore Road	Bridge	Not listed
CHR 34	10461 Highway 50	Residence	Not listed Not affected by project
CHR 35	Clarkway Drive south of Countryside Drive	Culvert	Not listed
CHR 36	Countryside Drive	Roadscape	Not listed
CHR 37	Clarkway Drive	Roadscape	Not listed
CHR 38	Coleraine Drive	Roadscape	Not listed







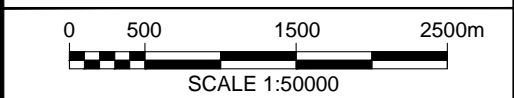
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 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
 FORMER TOWNSHIP OF TORONTO GORE, COUNTY OF PEEL  
 AND LOTS 25 AND 26, CONCESSION 10  
 FORMER TOWNSHIP OF VAUGHAN, COUNTY OF YORK  
 REGIONAL MUNICIPALITY OF PEEL  
 NOW THE CITY OF BRAMPTON, ONTARIO

**TITLE:** 1859 TREMAINE'S MAP OF THE COUNTY OF PEEL AND 1860 TREMAINE'S MAP OF THE COUNTY OF YORK SHOWING THE LOCATION OF THE STUDY AREA

**LEGEND:**  
 PART 'A' PROJECT FOOTPRINT

**NOTES:**  
 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS REPORT No. TP115086.1.7000.  
 ALL LOCATIONS ARE APPROXIMATE.  
**ORIGINAL PAPER SIZE:** 8 1/2 x 11.

**REFERENCES:**  
 G. TREMAINE, 1859; G. TREMAINE, 1860; CANMAP STREETFILES V2008.4.



The Corporation of the City of Brampton  
 2 WELLINGTON STREET WEST  
 BRAMPTON, ONTARIO, L6Y 4R2



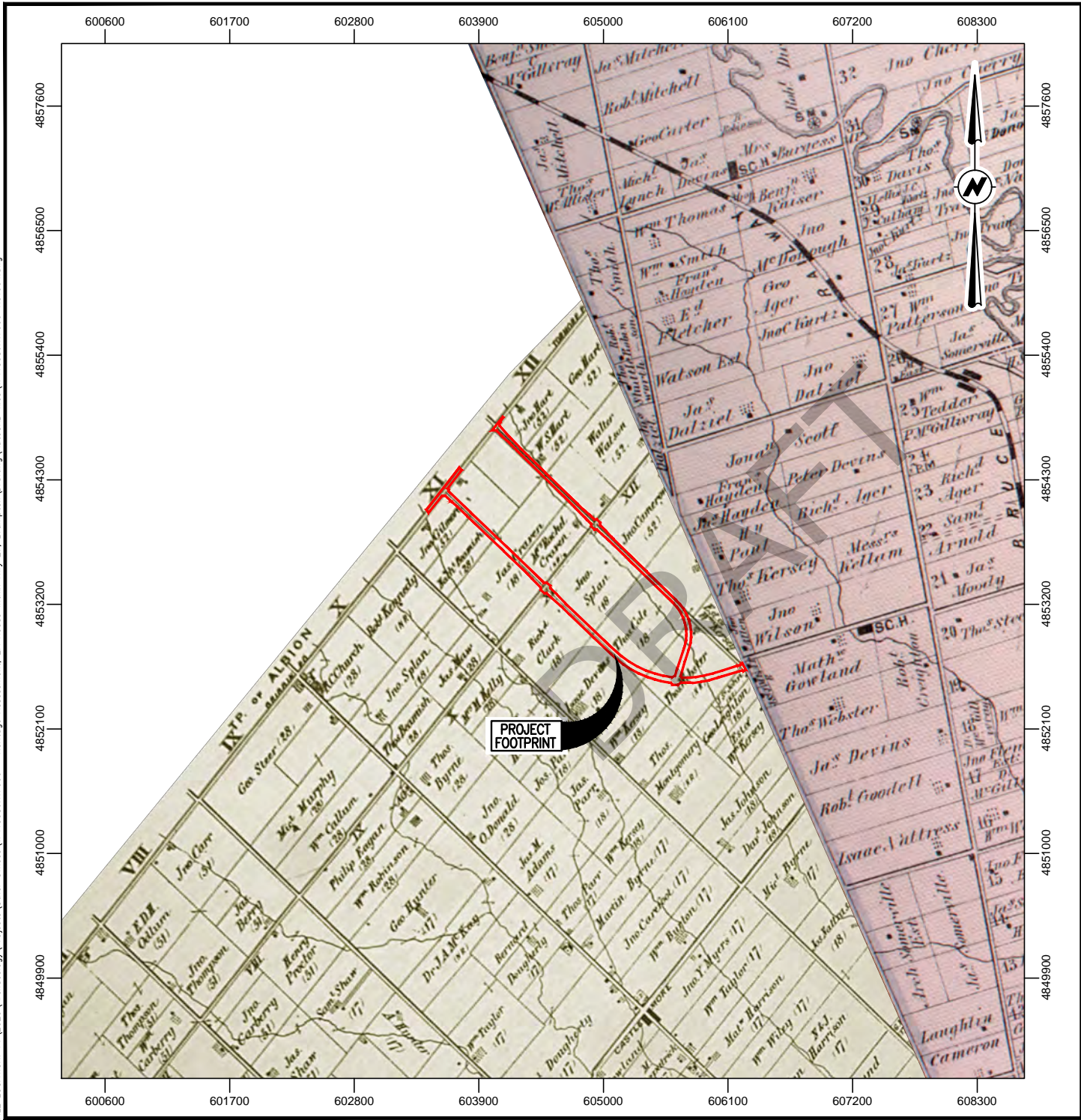
Wood  
 Environment & Infrastructure Solutions  
 3450 HARVESTER ROAD  
 BURLINGTON, ONTARIO, L7N 3W5  
 519-681-2400



DWN BY:	CHK'D BY:	DATE:
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 FILE LOCATION: F:\2020 Archaeology\Projects\Other Offices\TP115086.1.7000 - Heritage Assessment, EA Roads within Hwy 27, Brampton\Drafting\AutoCAD files\TP115086.1.7000-RD1004.dwg



**PROJECT:** CULTURAL HERITAGE ASSESSMENT (PART 'A')  
 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
 FORMER TOWNSHIP OF TORONTO GORE, COUNTY OF PEEL  
 AND LOTS 25 AND 26, CONCESSION 10  
 FORMER TOWNSHIP OF VAUGHAN, COUNTY OF YORK  
 REGIONAL MUNICIPALITY OF PEEL  
 NOW THE CITY OF BRAMPTON, ONTARIO

**TITLE:** 1877 ILLUSTRATED HISTORICAL ATLAS MAP  
 OF PEEL TOWNSHIP AND 1878 ILLUSTRATED  
 HISTORICAL ATLAS OF YORK COUNTY SHOWING  
 THE LOCATION OF THE STUDY AREA

**LEGEND:**  
 PART 'A' PROJECT FOOTPRINT

**NOTES:**  
 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE  
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS  
 REPORT No. TP115086.1.7000.  
 ALL LOCATIONS ARE APPROXIMATE.  
**ORIGINAL PAPER SIZE:** 8½ x 11.  
**REFERENCES:**  
 WALKER & MILES, 1877; MILES & Co., 1878; CANMAP  
 STREETFILES V2008.4.



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 519-681-2400



DWN BY: SJL	CHK'D BY: HS	DATE: MAR. 11, 2021
DATUM: NAD83	PROJECTION: UTM Zone 17	PROJECT No: TP115086.1.7000
REV No: 0		FIGURE No: 4

## 4.0 Results

### 4.1 Information Gathering Results

For the original draft of this CHAR, Linda Axford discussed the Study Area with Cassandra Jasinski, Heritage Planner at with the City of Brampton, on September 6, 2016. Based on this discussion, six (6) known heritage properties were identified as being of relevance to this study. The six (6) built heritage resources and cultural heritage landscapes identified in 2016, and confirmed to be still extant in 2020, are listed in Table 4. It should be noted that CHR 1 (11970 Highway 50) was not visible from the public right-of-way due to heavy vegetation cover. However, a review of recent aerial imagery suggests that this building is still in place.

ASI Identifier (2010)	2020 Identifier	Address	Feature Type	Notes
CHR 4	CHR 1	11970 Highway 50	Farmstead	Listed on the City of Brampton <i>Municipal Register of Cultural Heritage Resources</i>
CHR 6	CHR 2	11176 Highway 50	Farmstead	Listed on the City of Brampton <i>Municipal Register of Cultural Heritage Resources</i>
CHR 7	CHR 3	5556 Countryside Drive	Farmstead	Listed on the City of Brampton <i>Municipal Register of Cultural Heritage Resources</i>
CHR 14	CHR 4	10900 Coleraine Drive (formerly 10690 Highway 50)	Residence	Presently listed on the City of Brampton <i>Municipal Register of Cultural Heritage Resources</i> . Designation in progress
CHR 36	CHR 5	Countryside Drive	Roadscape	Identified during field review
CHR 38	CHR 6	Coleraine Drive	Roadscape	Identified during field review

The City of Brampton, Ontario Heritage Trust, and the MHSTCI were contacted to gather up-to-date information on known heritage properties within, and adjacent to, the Study Area. Copies of the information gathering emails are provided in Appendix A.

Karla Barboza, Acting Team Lead at the MHSTCI, reported that there are no properties designated by the Minister under the *Ontario Heritage Act* within, or adjacent to, the Study Area.

Kevin DeMille, Natural Heritage Coordinator at the Ontario Heritage Trust, reported that the Study Area does not contain any conservation easements or Ontario Heritage Trust-owned properties.

Mr. DeMille also confirmed that there are no properties listed on the Ontario Heritage Trust's register within the Study Area.

Cassandra Jasinski, Heritage Planner, City of Brampton, identified the Cole Farmhouse, formally located at 10690 Highway 50 and presently located at 10900 Coleraine Drive (CHR 6) as currently in the designation process.

## 4.2 Field Review Results

The field review completed in 2016 by Linda Axford noted that the Study Area is comprised of mostly agricultural lands, with scattered residential properties. There were also a few industrial properties present. The Study Area is bounded by four historic roads: The Gore Road to the west, Mayfield Road to the north, Regional Road 50 to the east, and Castlemore Road to the south. These roads have been in use since the area was settled in the early 19th century but have undergone major changes including widening, grading, asphalt shoulders and culverts. Smaller thoroughfares such as Clarkway Drive and Coleraine Drive have undergone fewer improvements. There are several creeks and tributaries in the Study Area which are part of the West Humber River watershed.

While the field review showed that the Study Area has retained much of its 19th-century character and agricultural uses, multiple changes in existing heritage resources have occurred since the 2010 Cultural Heritage Study undertaken by ASI.

A follow-up field review was completed by Heidi Schopf on August 12, 2020 to confirm the status of built heritage resources and cultural heritage landscapes identified by Amec in 2016. Overall, the Study Area appears to be relatively stable with little change noted since the 2016 field review. All built heritage resources and cultural heritage landscapes identified in 2016 remain in situ. As noted above, CHR 1 (11970 Highway 50) was not visible from the public right-of-way due to heavy vegetation cover but recent aerial imagery suggests that this building is still in place.

### **4.3 Inventory of Built Heritage Resources and Cultural Heritage Landscapes**

Following the completion of the background research, consultation, and field review, an inventory of built heritage resources and cultural heritage landscapes within, and adjacent to, the Study Area was compiled. The inventory was compiled by Linda Axford in 2016 and the existing conditions of these properties was confirmed by Heidi Schopf in 2020. The inventory of built heritage resources and cultural heritage landscapes is presented in Table 5 and the locations of these properties are presented in Figure 5.






Table 5: Inventory of Built Heritage Resources and Cultural Heritage Landscapes					
CHR No.	Type	Location	Heritage Recognition	Description of Property	Photographs/Digital Image
CHR 1	-CHL -Farmstead	11970 Highway 50	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Known as the Hart House</li> <li>The lot contains two frame houses circa 1850s and circa 1880s that are representative of that era of farmhouse construction.</li> <li>The house is associated with the Hart and McCabe families from 1852 into the late 20th century.</li> <li>Robert Hart was a prominent community member of Toronto Gore</li> </ul> <p><u>High Level Opinion of CHVI</u> Potential design/physical, historical/associative, and contextual value</p>	
CHR 2	-CHL -Farmstead	11176 Highway 50	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Constructed mid- to late 19th century</li> <li>Two storey Italianate farmhouse and farm complex with gambrel roof barn</li> <li>Farm complex includes gambrel roof barn that was representative of the second half of the 19th century.</li> <li>A typical example of a two storey Italianate farmhouse built in the mid-to-late 19th century, featuring fieldstone foundations and hipped roof.</li> <li>Some decorative and architectural features typical of the Italianate are intact; however, the addition of a circa 1970s brick porch on the front façade, modern windows and an attached garage have diminished its integrity.</li> <li>Associated with Walter Watson, who served as councillor and later Reeve in the 1860s to 1880s.</li> <li>Associated with Christian Hegler who likely donated a part of this property for a schoolhouse circa 1850.</li> <li>Associated with the Splan family, early settlers to the Coleraine area.</li> <li>Association with early settlement families may yield further information to understanding settlement patterns and township development.</li> <li>As an intact farm complex, it contributes to the agricultural landscape and reinforces the area's character.</li> <li>Familiar structure in the area, visible from Highway 50 and Countryside Road</li> </ul> <p><u>High Level Opinion of CHVI</u> Potential design/physical, historical/associative, and contextual value</p>	
CHR 3	-CHL -Farmstead	5556 Countryside Drive	Listed on the City of Brampton Municipal Register of Cultural Heritage	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Constructed late 19th century</li> <li>Gothic Revival farmhouse</li> <li>Known as the Andrew McCandless Plank House</li> <li>This Victorian Gothic farmhouse was built by 1877 (appears in historic mapping), and is considered to be representative of this style with gabled dormers, projecting gabled bay, stone foundations and use of buff brickwork to accent the red brick exterior.</li> <li>The 19th century barn and house are well built, well maintained and historically intact structures that exhibit good craftsmanship and design attributes.</li> <li>Associated with the Splan family, early settlers to the Coleraine area.</li> </ul> <p><u>High Level Opinion of CHVI</u> Potential design/physical and historical/associative</p>	






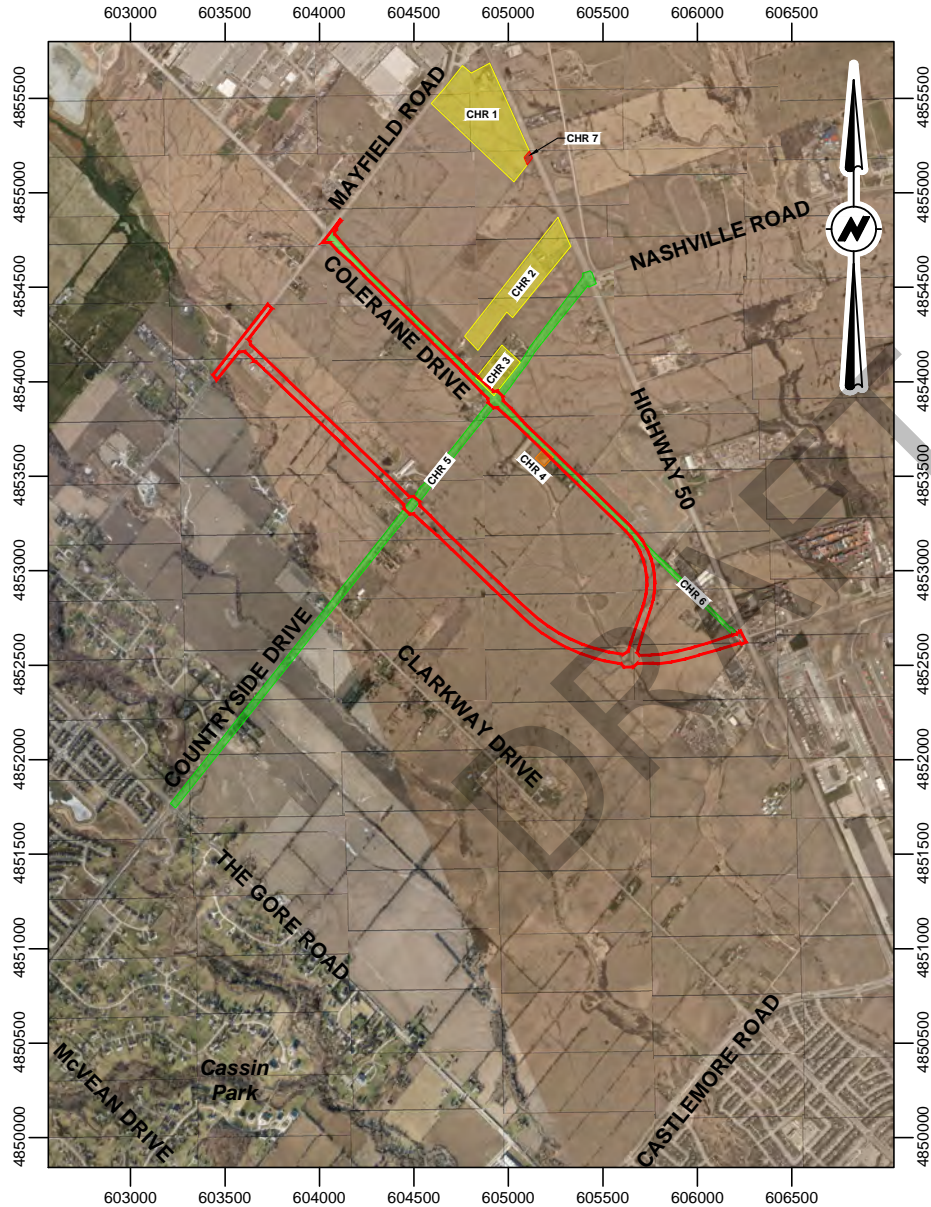
Table 5: Inventory of Built Heritage Resources and Cultural Heritage Landscapes					
CHR No.	Type	Location	Heritage Recognition	Description of Property	Photographs/Digital Image
CHR 4	-BHR -Residence	10900 Coleraine Drive (formerly located at 10690 Highway 50)	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources. Designated under Part IV, <i>Ontario Heritage Act</i> (subject to the completion of its designation process)	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Known as the Cole Farm</li> <li>Constructed circa 1840</li> <li>Red brick farmhouse</li> <li>A typical example of an Ontario Gothic farmhouse likely built in the mid 19th century by the Cole family</li> <li>Some decorative and architectural features typical of the Gothic Revival are intact; however, modern windows and new window openings (north elevation) have diminished its integrity</li> <li>Associations with the Cole family, early settlers to this area. Thomas Cole contributed to the community through his role as councilor from 1863-1874</li> </ul> <p><u>High Level Opinion of CHVI</u>                      Potential design/physical and historical/associative</p>	
CHR 5	-CHL -Roadscape	Countryside Drive	Identified during field review	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Roadscape established in the 19th century</li> <li>Intact rural roadscape</li> <li>An important example of a rural road with grassy swales, tree canopies and tree lines, individual mature specimen trees, hedgerows, gently curving, narrow roadway, deep setbacks to most existing structures, rural character and scenic vistas</li> <li>There are many historical and geographical associations with the former Township of Toronto Gore</li> </ul> <p><u>High Level Opinion of CHVI</u>                      Potential design/physical and historical/associative value</p>	
CHR 6	-CHL -Roadscape	Coleraine Drive	Identified during field review	<p><u>Overview</u></p> <ul style="list-style-type: none"> <li>Roadscape established in the 19th century</li> <li>Intact rural roadscape</li> <li>An important example of a rural road with grassy swales, tree canopies and tree lines, individual mature specimen trees, hedgerows, gently curving, narrow roadway, deep setbacks to most existing structures, rural character and scenic vistas</li> <li>Associated with the village of Coleraine</li> </ul> <p><u>High Level Opinion of CHVI</u>                      Potential design/physical and historical/associative value</p>	



Table 5: Inventory of Built Heritage Resources and Cultural Heritage Landscapes					
CHR No.	Type	Location	Heritage Recognition	Description of Property	Photographs/Digital Image
CHR-7	-CHL -Cemetery	Shiloh Cemetery (Pt. Lot 17, Con, 12, Brampton, ON)	Designated under Part IV of the Ontario Heritage Act (By-Law <a href="#">71-2010</a> )	<p>This property is Designated under Part IV of the Ontario Heritage Act and the following Statement of Cultural Heritage Value and list of heritage attributes is taken from By-law <a href="#">71-2010</a>.</p> <p><b>Statement of Cultural Heritage Value:</b></p> <p>The property at Highway 50 south of Mayfield Road (Shiloh Cemetery) is worthy of designation under Part IV of the Ontario Heritage Act for its cultural heritage value. The property meets the criteria for designation prescribed by the Province of Ontario under the three categories of design or physical value, historical value and contextual value.</p> <p>The subject property is the site of a rural Euro-Canadian cemetery. A Primitive Methodist Church was built on this location in about 1840 to serve the hamlet of Tormore. The first recorded burial was 1848 and the last was in 1905. Several early settlers are buried in this still rural and remote cemetery including members of the Woodill, Jolley and Ezard families.</p> <p>The cultural heritage value of the Shiloh Cemetery is related to its design or physical value as a representative example of a rural historic Euro-Canadian cemetery. The many early tombstones and grave markers reflect a high degree of craftsmanship as exhibited by ornately carved motifs and symbols.</p> <p>The earliest burial that is noted on a tombstone is that of Mary, the five-year-old eldest daughter of Robert and Jane Hart. She died on July 23, 1848. The last burial was that of Lester Shuttleworth in 1905. It is estimated that about a hundred bodies are buried in the cemetery. The property, and the burials it contains, also holds significant spiritual importance as the 'final resting place' of several 19th century citizens of Brampton, including some of its earliest Euro-Canadian settlers.</p> <p>The property also has historical or associative value as it reflects the history of Tormore. The community of which this church and cemetery were a part was referred to as Tormore. Previously, however, the village had been known as Hartville or Hart's Corners. The village was only referred to Tormore after a post office, called Tormore, was established in William Graham's general store in 1851. Robert Hart purchased the lot from the Hall family and it is his name that appears of the Tremaine map. In the 1860s the Gaffney family of Blacksmiths set up their business and became so notable that the village was often referred to as Gaffney's Corners. However, the post office, established in 1851 in Graham's General Store, was called Tormore. In its time, from about 1855 to the 1880s, Tormore had a hotel, a general store, a blacksmith shop, a wagon maker's shop, a plough makers shop and a veterinarian. All that remains of this once bustling village is the cemetery.</p> <p>This cemetery is also illustrative of broad patterns of social history because the engravings on the grave markers act as a testament to the experiences of early settlers and their faith.</p> <p>The cultural heritage value of the property is also connected to its contextual value as it helps identify the location of the former village of Tormore. This important and well-preserved cemetery is the only remaining tangible vestige of the former hamlet. The landscaping elements of the cemetery are also significant with some mature shade trees and a thick hedgerow of mature conifers on the south edge of the property. The cemetery also retains its rural character with grass swales and no concrete curbs or gutters.</p> <p><b>Heritage Attributes:</b></p> <p>Unless otherwise indicated, the reason for designation apply generally to all structures, monuments, gravestones, fencing, trees, shrubs, hedgerows, other vegetation and the grounds and vistas generally.</p> <p>To ensure that the cultural heritage value of this property is conserved, certain heritage attributes that contribute to its value have been identified specifically and they include:</p> <ul style="list-style-type: none"> <li>• Representative example of a rural historic Euro-Canadian Cemetery;</li> <li>• All tombstones and grave markers</li> <li>• Spiritual value as the burial site of an indeterminate number of 19th century Euro-Canadians and other persons;</li> <li>• Associative value reflecting the history of the former community of Tormore</li> <li>• All landscaping elements including trees, shrubs and grass swales;</li> <li>• Rural character and setting of the cemetery;</li> <li>• Archaeological potential including all burials and the site of the former Shiloh United Church</li> </ul> <p>The cemetery fronts highway 50 and is rectangular in shape. It is exactly half of an acre and is 135 feet by 150 feet. There is a wooden sign on two posts that reads "Shiloh Methodist Cemetery, 1851." The cemetery also contains a granite cairn that outlines the family names of those interred at the cemetery, a brief history, and the original date stone form the church. The property is fenced and has two stone posts at the front.</p>	 



**PROJECT:** CULTURAL HERITAGE ASSESSMENT (PART 'A')  
 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
 FORMER TOWNSHIP OF TORONTO GORE, COUNTY OF PEEL  
 AND LOTS 25 AND 26, CONCESSION 10  
 FORMER TOWNSHIP OF VAUGHAN, COUNTY OF YORK  
 REGIONAL MUNICIPALITY OF PEEL  
 NOW THE CITY OF BRAMPTON, ONTARIO

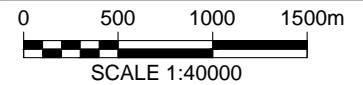
**TITLE:**  
 INVENTORY OF BUILT HERITAGE RESOURCES  
 AND CULTURAL HERITAGE LANDSCAPES

- LEGEND:**
- PART 'A' PROJECT FOOTPRINT
  - LISTED ON THE CITY OF BRAMPTON MUNICIPAL REGISTER OF CULTURAL HERITAGE RESOURCES
  - LISTED/DESIGNATED UNDER PART IV OF THE ONTARIO HERITAGE ACT (SUBJECT TO THE COMPLETION OF ITS DESIGNATION PROCESS)
  - DESIGNATED UNDER PART IV OF THE ONTARIO HERITAGE ACT
  - IDENTIFIED DURING FIELD REVIEW

**NOTES:**  
 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS REPORT No. TP115086.1.7000.  
 ALL LOCATIONS ARE APPROXIMATE.

**ORIGINAL PAPER SIZE: 8½ x 11.**

**REFERENCES:**  
 2019 AERIAL PHOTOGRAPHS BY THE REGION OF YORK;  
 CANMAP STREETFILES V2008.4.



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DWN BY: SJL	CHK'D BY: HS	DATE: MAY 25, 2021
DATUM: NAD83	PROJECTION: UTM Zone 17	PROJECT No: TP115086.1.7000
REV No: 1		FIGURE No: 5



## 5.0 Impact Assessment

The MHSTCI InfoSheet #5 gives guidance on how to complete impact assessments for cultural heritage resources in the land use planning process. As discussed above, the purpose of an impact assessment is to determine if identified cultural heritage resources are impacted by the proposed work. This assessment considers two categories of impacts:

- **Direct Impact:** A permanent or irreversible negative affect on the CHVI of a property that results in the loss of a heritage attribute. Direct impacts include *destruction* or *alteration*.
- **Indirect Impact:** An impact that is the result of an activity on or near a cultural heritage resource that may adversely affect the CHVI and/or heritage attributes of a property. Indirect impacts include *shadows, isolation, direct or indirect obstruction of significant views or vistas, a change in land use, or land disturbances*.

It should be noted that land disturbances, as defined in MHSTCI InfoSheet #5, and described above, also apply to archaeological resources. An archaeological assessment is beyond the scope of this study since recommendations regarding archaeological resources must be made by a professional archaeologist licensed by the MHSCTI. An archaeological assessment for this project has been undertaken by Wood under a separate cover.

### 5.1 Description of Proposed Work

The proposed work for Part A of the Arterial Roads project involves the following components:

- Arterial A2 – a new six lane north-south roadway that connects Major Mackenzie Drive to Mayfield Road.
- Coleraine Drive – an existing roadway which will be widened to four lanes and be upgraded to include curb and gutter and multi-use pathways.

### 5.2 Assessment of Potential Impacts

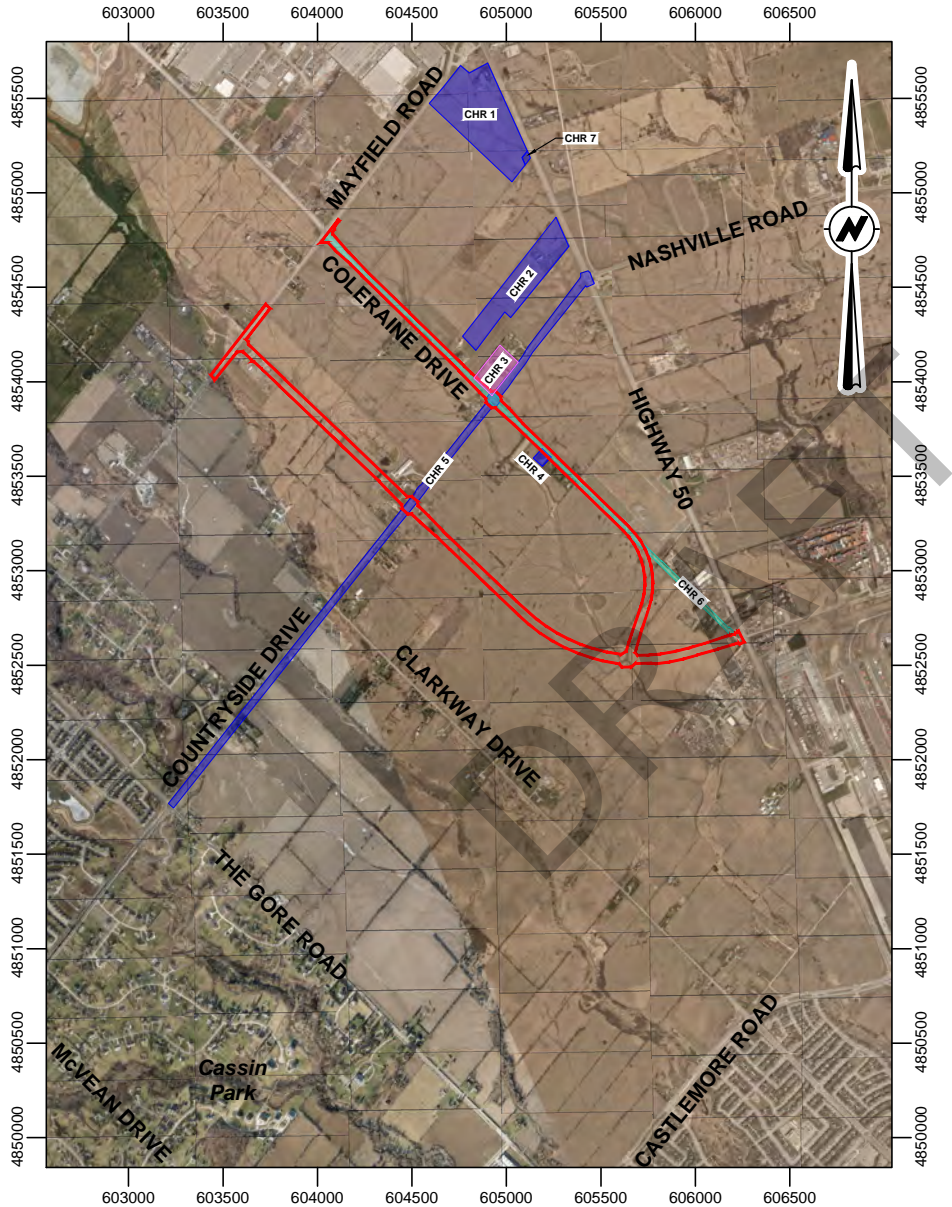
An impact assessment to evaluate the potential impacts of the proposed work on built heritage resources and cultural heritage landscapes in the Study Area is contained in Table 6 and the locations of these properties are presented in Figure 6.

The anticipated impacts resulting from the planned Part A Roadways include direct impacts to two properties: 1) CHR 3 (5556 Countryside Drive) resulting from minor property acquisition along property frontage to accommodate the widened roadway which may result in the removal of one to two trees on the property and 2) CHR 6 (Coleraine Drive) since the proposed road widening will result in the permanent alteration of this historical rural roadscape. The impact assessment for the Part A Roadways was prepared based on the proposed work depicted in Appendix B.

Table 6: Impact Assessment and Mitigation Measures						
CHR No.	Property Type	Location	Heritage Recognition	Project Component	Anticipated Impact <sup>1</sup>	Mitigation Measures
CHR 1	-CHL -Farmstead	11970 Highway 50	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources	Part A Roadways	No anticipated Impacts	None
CHR 2	-CHL -Farmstead	11176 Highway 50	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources	Part A Roadways	No anticipated Impacts	None
CHR 3	-CHL -Farmstead	5556 Countryside Drive	Listed on the City of Brampton Municipal Register of Cultural Heritage	Part A and Part B Roadways	<p><u>Part A:</u> <i>Anticipated Impacts:</i> Property acquisition of frontage along south and west property lines is proposed. However, no direct impacts or indirect impacts to buildings on the property are anticipated.</p> <p>The proper contains mature trees along the south frontage and a tree lined driveway. The proposed work may result in removal of trees along the south property line.</p> <p><i>Type of Impact:</i> Direct (change in land use from residential to transportation route and land disturbance)</p> <p><u>Part B</u> <i>Impacts related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available.</i></p>	<p><u>Part A:</u> <i>Preferred Option:</i> Avoidance of direct impacts to the property is the preferred option from a cultural heritage perspective. However, it is recognized that the proposed road construction will result in the permanent alteration to a portion of this property. Accordingly, alternative mitigation measures are warranted.</p> <p><i>Alternative Option:</i> Direct impacts to 5556 Countryside Drive are anticipated since the proposed work may result in removal of trees along the south property line. Therefore, an HIA should be completed for this property. As a potential heritage property, the HIA should contain an evaluation of this resource against O. Reg. 9/06 of the <i>Ontario Heritage Act</i> to determine the presence or absence of CHVI. Should the evaluation determine that the property has CHVI, then an impact assessment should be carried out. Where impacts are anticipated, a conservation strategy and mitigation measures should be prepared. The HIA should be completed at the outset of the detailed design phase of the project.</p> <p><u>Part B</u> <i>Mitigation measures related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available</i></p>
CHR 4	-BHR -Residence	10900 Coleraine Drive (formerly located at 10690 Highway 50)	Listed on the City of Brampton Municipal Register of Cultural Heritage Resources. Intention to designate under Part IV, Section 29 of the <i>Ontario Heritage Act</i>	Part A Roadways	No anticipated impacts. Property acquisition of frontage along the north property line is proposed. However, no impacts to potential heritage attributes are anticipated and no direct or indirect impacts to buildings on the property will take place.	None
CHR 5	-CHL -Roadscape	Countryside Drive	Identified during field review	Part A and Part B Roadways	<p><u>Part A</u> No anticipated impacts resulting from Part A proposed work</p> <p><u>Part B</u> <i>Impacts related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available.</i></p>	<p><u>Part A</u> None</p> <p><u>Part B</u> <i>Mitigation measures related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available.</i></p>

Table 6: Impact Assessment and Mitigation Measures						
CHR No.	Property Type	Location	Heritage Recognition	Project Component	Anticipated Impact <sup>1</sup>	Mitigation Measures
CHR 6	-CHL -Roadscape	Coleraine Drive	Identified during field review	Part A and Part B Roadways	<p><u>Part A</u> <i>Anticipated Impact:</i> The proposed work involves the widening of Coleraine Drive. This work will permanently alter the existing roadscape and will result in the loss of the relatively intact rural road profile that dates to the 19th century.</p> <p><i>Type of Impact:</i> Direct (alteration and land disturbance)</p> <p><u>Part B</u> <i>Impacts related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available.</i></p>	<p><u>Part A</u> <i>Preferred Option:</i> Avoidance of direct impacts to the roadscape is the preferred option from a cultural heritage perspective. Existing fences, mature trees, and mature tree lines should be retained where possible. However, it is recognized that the proposed road widening will result in the loss of numerous landscape elements along Coleraine Drive. Accordingly, alternative mitigation measures are warranted.</p> <p><i>Alternative Option:</i> Direct impacts to Coleraine Drive are anticipated since the proposed work will result in the permanent alteration of the existing rural character of the road. A Heritage Impact Assessment should be completed for this roadscape to evaluate this cultural heritage landscape against O. Reg. 9/06 of the Ontario Heritage Act to determine whether this roadscape has cultural heritage value or interest (CHVI). Should the evaluation determine that the roadscape has CHVI, then an impact assessment should be carried out. Where impacts are anticipated, a conservation strategy and mitigation measures should be prepared. The HIA should be completed at the outset of the detailed design phase of the project.</p> <p>One (1) HIA may be completed for all potential heritage roadscape impacted by Part A and Part B Roadways of the Arterial Roads project.</p> <p><u>Part B</u> <i>Mitigation measures related to Part B to be addressed under a separate cover once preliminary preferred design drawings are available.</i></p>
CHR-7	-CHL -Cemetery	Shiloh Cemetery (Pt. Lot 17, Con, 12, Brampton, ON)	Designated under Part IV of the Ontario Heritage Act (By-Law <a href="#">71-2010</a> )	Part A Roadways	No anticipated Impacts	None

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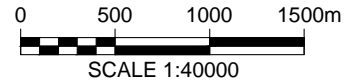


**PROJECT:** CULTURAL HERITAGE ASSESSMENT (PART 'A')  
 ARTERIAL ROADS WITHIN HIGHWAY 427 INDUSTRIAL SECONDARY PLAN AREA  
 LOTS 13 AND 17, CONCESSION 11, LOT 17, CONCESSION 12  
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 REGIONAL MUNICIPALITY OF PEEL  
 NOW THE CITY OF BRAMPTON, ONTARIO

**TITLE:**  
 HERITAGE IMPACT ASSESSMENT

- LEGEND:**
- PART 'A' PROJECT FOOTPRINT
  - NO ANTICIPATED IMPACTS
  - DIRECT IMPACTS
  - INDIRECT IMPACTS

**NOTES:**  
 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE  
 WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS  
 REPORT No. TP115086.1.7000.  
 ALL LOCATIONS ARE APPROXIMATE.  
**ORIGINAL PAPER SIZE: 8½ x 11.**  
**REFERENCES:**  
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<b>DWN BY:</b> SJL	<b>CHK'D BY:</b> HS	<b>DATE:</b> MAY 25, 2021
<b>DATUM:</b> NAD83	<b>PROJECTION:</b> UTM Zone 17	<b>PROJECT No.:</b> TP115086.1.7000
<b>REV No.:</b> 1		<b>FIGURE No.:</b> 6



## 6.0 Recommendations

Wood was retained by the City of Brampton in 2016 to complete a CHAR in support of the 'Schedule C' Municipal Class EA for the proposed Arterial Road network (Parts A and B) within Secondary Plan Area 47 in the City of Brampton, Ontario. The Study Area for the proposed Arterial Roads network consists of two parts: Part A (Regional Roads) and Part B (Municipal Roads). This report pertains to Part A of the proposed Arterial Roads network. A CHAR for the Part B Roads has been prepared by Wood under a separate cover.

Amec Foster Wheeler (Amec) completed a draft CHER for the Study Area (Parts A and B) in 2016. The draft report was not finalized or submitted to the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) for review. Following the preparation of the original Cultural CHER, the preliminary preferred design for Part A of the Study Areas was updated and finalized in January 2020. The location and alignment of the proposed arterial roads in Part A of the Study Area included lands that were not assessed as part of the 2016 CHER. To address this issue, the 2016 CHER was updated to establish the existing conditions of the Study Area, confirm the presence of identified built heritage resources and cultural heritage landscapes, and present an updated impact assessment and mitigation measures.

Following the completion of background research, information gathering, and a field review, one (1) built heritage resource and six (6) cultural heritage landscapes resources were identified within, or adjacent to, the Study Area. Two properties, 10900 Coleraine Drive (CHR 4) and Shiloh Cemetery (CHR-7) are designated under Part IV of the Ontario Heritage Act. Four properties (CHR 1-CHR 4) are listed on the City of Brampton Municipal Register of Cultural Heritage Resources, and two resources (CHR 5-CHR 6) were identified during the original field review in 2016.

The impact assessment for the Part A Roadways determined that direct impacts are anticipated to two properties: 1) CHR 3 (5556 Countryside Drive) resulting from minor property acquisition along property frontage to accommodate the widened roadway which may result in the removal of one to two trees on the property and 2) CHR 6 (Coleraine Drive) since the proposed road widening will result in the permanent alteration of this historical rural roadscape.

Based on the above, the following recommendations are made:

- 1) The locations of built heritage resources and cultural heritage landscapes should be identified on construction mapping so that project personnel are aware of the presence of heritage properties within, and adjacent to, the proposed work.
- 2) Direct impacts are anticipated to one heritage property, CHR 3 (5556 Countryside Drive) as a result of minor acquisition along property frontages to accommodate the widened roadway. This property is listed on the City of Brampton Municipal Register of Cultural



Heritage. Therefore, impacts to this property should be evaluated in an HIA and where impacts are anticipated, a conservation strategy and mitigation measures should be prepared. The HIA should be completed at the outset of the detailed design phase of the project. The HIA once completed, will require presentation to the Brampton Heritage Board.

- 3) Direct impacts are anticipated to CHR 6 (Coleraine Drive) due to proposed road widening that will permanently alter the historical character of this rural roads. An HIA should be completed for this roadscape to determine whether this road has heritage value when evaluated against the criteria contained in O. Reg. 9/06 of *the Ontario Heritage Act*. If the roadscape is found to have CHVI, then an impact assessment should be complete and mitigation measures prepared. The HIA should be completed at the outset of the detailed design phase of the project. One (1) HIA may be completed for all potential heritage roadscares impacted by Part A and Part B Roadways of the Arterial Roads project.
- 4) This report should be submitted to the City of Brampton, the Region of Peel, and MHSTCI for review and comment.

The above recommendations were prepared using drawings of the proposed work contained in Appendix B. Should the proposed work be updated or changed, then the impact assessment should be revised to confirm impacts and recommended mitigation measures. It should be noted that the above recommendations pertain only to Part A of the Arterial Roads network. Impacts related to the Part B Roadway component of the project will be addressed under a separate cover.



## **7.0 Assessor Qualifications**

This report was prepared and reviewed by the undersigned, employees of Wood. Wood is one of North America's leading engineering firms, with more than 50 years of experience in the earth and environmental consulting industry. The qualifications of the assessors involved in the preparation of this report are provided in Appendix C.



## 8.0 Closure

This report was prepared for the exclusive use of City of Brampton and the Region of Peel and provides a Cultural Heritage Assessment (Existing Conditions and Impact Assessment) of the Study Area. The Study Area for the proposed Arterial Roads network consists of two parts: Part A (Regional Roads) and Part B (Municipal Roads) located within the Secondary Plan Area 47 in the City of Brampton, Ontario. This report pertains to Part A of the proposed Arterial Roads network, the Part B Roadway component of the project is addressed under a separate cover.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from Wood will be required. With respect to third parties, Wood has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the cultural heritage assessment conducted by Wood. It is based solely a review of historical information, information gathering activities completed in 2016 and 2020, property reconnaissance conducted in 2016 and August 2020, data obtained by Wood as described in this report. Except as otherwise maybe specified, Wood disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to Wood after the time during which Wood conducted the cultural heritage assessment. In evaluating the Study Area, Wood has relied in good faith on information provided by other individuals noted in this report. Wood has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Wood accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Wood makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This report is also subject to the further Standard Limitations contained in Appendix D.



We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Respectfully Submitted,

**Wood Environment & Infrastructure,  
a Division of Wood Canada Limited**

Original report prepared by Linda Axford and reviewed by Shaun Austin in 2016. Both now retired from Wood.

2020 Update prepared by:

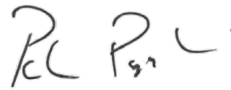


Chelsea Dickinson, B.A. (R1194)  
Cultural Heritage Technician



Heidi Schopf, MES, CAHP  
Built and Landscape Heritage Team Lead

2020 Update reviewed by:



Peter Popkin, Ph.D. (P362)  
Associate Archaeologist

## 9.0 Sources

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## **Appendix A: Information Gathering**

## **LIST OF INFORMATION GATHERING DOCUMENTATION**

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SECTION 1: CORRESPONDENCE WITH THE MHSTCI

SECTION 2: CORRESPONDENCE WITH THE ONTARIO HERITAGE TRUST

SECTION 3: CORRESPONDENCE WITH THE CITY OF BRAMPTON



## **Correspondence with the MHSTCI**

Email correspondence with the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) regarding Part A and Part B of the Study Area are provided on the following pages.



Cultural Heritage Report (Existing Conditions and Impact Assessment)  
Arterial Roads (Part A and Part B) Cultural Heritage Assessment Report

**From:** [Barboza, Karla \(MHSTCI\)](#) on behalf of [Registrar \(MHSTCI\)](#)  
**To:** [Schopf, Heidi](#)  
**Cc:** [Registrar \(MHSTCI\)](#); [Dickinson, Chelsea](#); [Popkin, Peter](#); [Minkin, Dan \(MHSTCI\)](#)  
**Subject:** FW: MHSTCI Response: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update  
**Date:** Wednesday, September 23, 2020 10:14:27 AM  
**Attachments:** [image001.png](#)  
[TP115086.1.7000-R01001\\_25Aug2020 Figure 1-sjl.pdf](#)  
[TP115086.1.7000-R01002\\_25Aug2020 Figure 2-sjl.pdf](#)

---

**CAUTION: External email. Please do not click on links/attachments unless you know the content is genuine and safe.**

Hi Heidi,

Hope this email finds you well.

At this time, MHSTCI is not aware of any provincial heritage properties within or adjacent to the Part B study area.

Regards,  
Karla

---

**From:** Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Sent:** September-21-20 1:50 PM  
**To:** Registrar (MHSTCI) <[Registrar@ontario.ca](mailto:Registrar@ontario.ca)>; Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Minkin, Dan (MHSTCI) <[Dan.Minkin@ontario.ca](mailto:Dan.Minkin@ontario.ca)>  
**Subject:** RE: MHSTCI Response: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good afternoon,

The Arterial Roads CHAR will now consider the 'Part A' and 'Part B' Roads (see attached). Our initial information gathering email only included the 'Part A' Roads.

Are there any protected or potential heritage properties within or adjacent to the 'Part B' Roads?

Thank you for your input!  
-Heidy

---

**From:** Barboza, Karla (MHSTCI) <[Karla.Barboza@ontario.ca](mailto:Karla.Barboza@ontario.ca)> **On Behalf Of** Registrar (MHSTCI)  
**Sent:** Wednesday, August 26, 2020 6:24 PM  
**To:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Cc:** Registrar (MHSTCI) <[Registrar@ontario.ca](mailto:Registrar@ontario.ca)>; Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>;

Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>; Minkin, Dan (MHSTCI) <[Dan.Minkin@ontario.ca](mailto:Dan.Minkin@ontario.ca)>

**Subject:** MHSTCI Response: Information Request - CHAR: Existing Conditions and Impact Assessment  
Arterial Road Cultural Heritage Assessment Report Update

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

**File 0004014 - Arterial Roads within Highway 427 Industrial Secondary Plan (Area 47)**

Hi Chelsea,

Hope this email finds you well.

As you may know, the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) developed screening checklists to assist property owners, developers, consultants and others to identify known and potential cultural heritage resources:

- [Criteria for Evaluating Archaeological Potential](#)
- [Criteria for Evaluating Marine Archaeological Potential](#)
- [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#)

I have used the document above (Built Heritage and Cultural Heritage Landscapes) in order to respond to your question:

- Question 3a. i. Is the property (or project area) identified, designated or otherwise protected under the Ontario Heritage Act as being of cultural heritage value e.g. a property that is designated by order of the Minister of Heritage, Sport, Tourism and Culture Industries as being of cultural heritage value or interest of provincial significance [s.34.5]?  
*MHSTCI Response:* To date, no properties have been designated by the Minister.
- Question 3a.v. Is the property (or project area) identified, designated or otherwise protected under the Ontario Heritage Act as being of cultural heritage value included in the Ministry of Heritage, Sport, Tourism and Culture Industries' list of provincial heritage properties?  
*MHSTCI Response:* At this time, MHSTCI is not aware of any provincial heritage properties within or adjacent to the study area.

Please note that if the subject lands or parts of the subject lands are owned or controlled by an Ontario Ministry or Prescribed Public Body (PPB) on behalf of the Crown (the list of PPBs is available as O. Reg. 157/10), a Ministry or PPB may have responsibilities under the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#).

MHSTCI would appreciate if any technical cultural heritage studies (e.g. Cultural Heritage Assessment Report, Cultural Heritage Evaluation Report, Heritage Impact Assessment) be sent for MHSTCI review.

Regarding your request about other protected heritage properties within or adjacent to the study area, you should contact the Ontario Heritage Trust, Provincial Heritage Registrar at [registrar@heritagetrust.on.ca](mailto:registrar@heritagetrust.on.ca) or 416-212-7104 and the municipal heritage planner .



I noticed that the PDF document has been labelled 'Consultation Letter'. Please note that this does not constitute consultation for the purpose of an environmental assessment process. In our view, this step represents Information Gathering.

I hope this helps. Let me know if you have any questions.

Regards,  
Karla

Karla Barboza MCIP, RPP, CAHP | (A) Team Lead, Heritage  
Ministry of Heritage, Sport, Tourism and Culture Industries  
Heritage, Tourism and Culture Division | Programs and Services Branch | Heritage Planning Unit  
T. 416.314.7120 | Email: [karla.barboza@ontario.ca](mailto:karla.barboza@ontario.ca)

---

**From:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Sent:** August-24-20 5:43 PM  
**To:** Registrar (MHSTCI) <[Registrar@ontario.ca](mailto:Registrar@ontario.ca)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Subject:** FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good Evening,

Please note, it has come to our attention that the letter issued on August 11, 2020 contained a small typo pertaining to Township/County.

Please find attached an updated a letter with study details for your consideration concerning the Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario.

I apologize for any inconvenience this has cause.

Thanks,  
Chelsea

---

**From:** Dickinson, Chelsea  
**Sent:** Tuesday, August 11, 2020 1:01 PM  
**To:** Registrar (MHSTCI) <[Registrar@ontario.ca](mailto:Registrar@ontario.ca)>  
**Cc:** Heidi Schopf ([heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)) <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Subject:** Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

Good Morning,

Wood was retained by the City of Brampton (City) to complete a Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. To complete the CHAR, Wood is looking to identify protected and potential cultural heritage resources within, and adjacent to, the Study Area. Please find attached a letter and map with study details for your consideration.

Any information you could provide would be greatly appreciated.

Sincerely,

**Chelsea Dickinson, B.A.**  
Research Archaeologist  
Environment and Infrastructure Solutions  
Work: (226) 821-2497  
[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)  
[www.woodplc.com](http://www.woodplc.com)



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## **Correspondence with the Ontario Heritage Trust**

Email correspondence with the Ontario Heritage Trust (OHT) regarding Part A and Part B of the Study Area are provided on the following pages.



Cultural Heritage Report (Existing Conditions and Impact Assessment)  
Arterial Roads (Part A and Part B) Cultural Heritage Assessment Report

**From:** [Kevin DeMille](#)  
**To:** [Schopf, Heidi](#); [Dickinson, Chelsea](#)  
**Cc:** [Popkin, Peter](#); [Barboza, Karla \(MHSTCI\)](#)  
**Subject:** Re: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update  
**Date:** Thursday, September 24, 2020 2:19:12 PM

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Good afternoon Chelsea,

Thank you for your information request regarding the Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. Your request to verify the presence of protected and potential properties with cultural heritage value or interest within/adjacent to the updated study area (to include Part B) has been processed. We reviewed the study area against our database of OHT easements and properties. We can confirm that the OHT does not have any conservation easements or Trust-owned properties within the study areas provided in your maps.

Kind regards,

Kevin De Mille

Kevin De Mille  
Natural Heritage Coordinator  
Telephone: 437-246-5854\*NEW



---

**From:** Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Sent:** September 21, 2020 1:50 PM  
**To:** Kevin DeMille <[Kevin.DeMille@heritagetrust.on.ca](mailto:Kevin.DeMille@heritagetrust.on.ca)>; Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Barboza, Karla (MHSTCI) <[Karla.Barboza@ontario.ca](mailto:Karla.Barboza@ontario.ca)>  
**Subject:** RE: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION: External mail. Do not click on links or open attachments unless you recognize the sender and know the content.**



Good afternoon,

The Arterial Roads CHAR will now consider the 'Part A' and 'Part B' Roads (see attached). Our initial information gathering email only included the 'Part A' Roads.

Are there any protected or potential heritage properties within or adjacent to the 'Part B' Roads?

Thank you for your input!

-Heidy

---

**From:** Kevin DeMille <[Kevin.DeMille@heritagetrust.on.ca](mailto:Kevin.DeMille@heritagetrust.on.ca)>

**Sent:** Thursday, August 27, 2020 1:02 PM

**To:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>

**Cc:** Schopf, Heidy <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>; Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Barboza, Karla (MHSTCI) <[Karla.Barboza@ontario.ca](mailto:Karla.Barboza@ontario.ca)>

**Subject:** Re: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon Chelsea,

Thank you for your information request regarding the Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. Your request to verify the presence of protected and potential properties with cultural heritage value or interest within/adjacent to the study area has been processed. We reviewed the study area against our database of OHT easements and properties. We can confirm that the OHT does not have any conservation easements or Trust-owned properties within the study areas provided in your map. We also completed a check of the OHA Register and can confirm there were no properties identified in the study area.

If you have not already done so, I recommend you check the Trust's Plaque Database (available online) <https://www.heritagetrust.on.ca/en/online-plaque-guide> to verify the presence of plaques. Additionally, I recommend you contact the local municipality to verify no local heritage properties are present within the identified study area.

As described in Section 23 of the Ontario Heritage Act, the Trust holds and maintains the provincial Ontario Heritage Act Register of properties that have been designated by municipalities under sections 29 and 41 of the Act as well as properties designated under the Act by the Minister. We rely on municipalities to send us information and it is advisable to check with the clerk's office to verify information.

Under Section 27 of the Act (OHA) the clerk of a municipality is required to maintain a local register of all designated properties. Section 27 also states that municipalities may keep a register of property that has not been designated, but that the municipality has determined to

be of cultural heritage value or interest. These are often referred to as "listed" properties. These non-designated heritage properties are not reflected in the OHA Register.

Karla Barboza (Cc'd) at the Ministry of Heritage, Sport, Tourism and Culture Industries can assist you with any questions you may have about any other provincially owned heritage properties within or adjacent to the study area.

Kind regards,

Kevin De Mille

Kevin De Mille  
Natural Heritage Coordinator  
Telephone: 437-246-5854\*NEW



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**From:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>

**Sent:** August 24, 2020 5:43 PM

**To:** registrar <[registrar@heritagetrust.on.ca](mailto:registrar@heritagetrust.on.ca)>

**Cc:** Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>; Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>

**Subject:** FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION:** External mail. Do not click on links or open attachments unless you recognize the sender and know the content.

Good Evening,

Please note, it has come to our attention that the letter issued on August 11, 2020 contained a small typo pertaining to Township/County.

Please find attached an updated a letter with study details for your consideration concerning the Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario.

I apologize for any inconvenience this has cause.

Thanks,  
Chelsea

**From:** Dickinson, Chelsea

**Sent:** Tuesday, August 11, 2020 1:00 PM

**To:** [registrar@heritagetrust.on.ca](mailto:registrar@heritagetrust.on.ca)

**Cc:** Heidi Schopf ([heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)) <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>

**Subject:** Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

Good Morning,

Wood was retained by the City of Brampton (City) to complete a Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. To complete the CHAR, Wood is looking to identify protected and potential cultural heritage resources within, and adjacent to, the Study Area. Please find attached a letter and map with study details for your consideration.

Any information you could provide would be greatly appreciated.

Sincerely,

**Chelsea Dickinson, B.A.**

Research Archaeologist

Environment and Infrastructure Solutions

Work: (226) 821-2497

[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)



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## **Correspondence with the City of Brampton**

Email correspondence with the City of Brampton regarding Part A and Part B of the Study Area are provided on the following pages.



Cultural Heritage Report (Existing Conditions and Impact Assessment)  
Arterial Roads (Part A and Part B) Cultural Heritage Assessment Report

**From:** [Schopf, Heidi](#)  
**To:** [Dickinson, Chelsea](#)  
**Subject:** FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update  
**Date:** Monday, September 28, 2020 12:08:46 PM  
**Attachments:** [Outlook-lse5eyin.png](#)  
[Outlook-hvdhly23.png](#)  
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[TP115086.1.7000-R01002\\_25Aug2020\\_Figure\\_2-sjl.pdf](#)

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Updated response re: Part B Roads

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**From:** Molloy, Ellen <[Ellen.Molloy@brampton.ca](mailto:Ellen.Molloy@brampton.ca)>  
**Sent:** Monday, September 21, 2020 4:21 PM  
**To:** Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Cc:** Jasinski, Cassandra <[Cassandra.Jasinski@brampton.ca](mailto:Cassandra.Jasinski@brampton.ca)>  
**Subject:** Re: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon Heidi,

Thank you for the email.

The City of Brampton's [Planning Viewer](#) and [Open Data Library - Heritage Points](#) are great tools for an initial assessment of any protected heritage properties, or properties of interest, within or adjacent to your study area.

Further information concerning protected properties and properties of interest can be found on the City's "*Municipal Register of Cultural Heritage Resources Designated under the Ontario Heritage Act*" or the "*Municipal Register of Cultural Heritage Resources*".

If you require more in-depth information about a specific site, please let the Heritage Planning staff know.

Thank you again for your email.

Best,

Ellen Molloy

Intern - Heritage Planning

Planning, Building and Economic Development



City of Brampton

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**From:** Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Sent:** 2020/09/21 1:52 PM  
**To:** Jasinski, Cassandra <[Cassandra.Jasinski@brampton.ca](mailto:Cassandra.Jasinski@brampton.ca)>; Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>  
**Subject:** RE: [EXTERNAL]FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

Good afternoon,

The Arterial Roads CHAR will now consider the 'Part A' and 'Part B' Roads (see attached). Our initial information gathering email only included the 'Part A' Roads.

Are there any protected or potential heritage properties within or adjacent to the 'Part B' Roads?

Thank you for your input!  
-Heidy

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**From:** Jasinski, Cassandra <[Cassandra.Jasinski@brampton.ca](mailto:Cassandra.Jasinski@brampton.ca)>  
**Sent:** Thursday, September 10, 2020 1:24 PM  
**To:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Schopf, Heidi <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Subject:** RE: [EXTERNAL]FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon Chelsea,

Thank you for the letter. Please let me know if you require any information on the cultural heritage resources in the study area in Brampton.

Of particular note is the Cole Farmhouse at 10900 Coleraine Drive, once located at 10690 Highway 50. It has been relocated to 10900 Coleraine and is in the process of designation but is currently off of its foundation.

Kind regards,

Cassandra Jasinski, CAHP  
Heritage Planner  
Planning, Building and Economic Development  
City of Brampton  
(905) 874-2618

**Our Focus Is People** 

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**From:** Dickinson, Chelsea <[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)>  
**Sent:** 2020/08/24 5:43 PM  
**To:** Heritage <[Heritage@brampton.ca](mailto:Heritage@brampton.ca)>  
**Cc:** Popkin, Peter <[peter.popkin@woodplc.com](mailto:peter.popkin@woodplc.com)>; Schopf, Heidy <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Subject:** [EXTERNAL]FW: Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

Good Evening,

Please note, it has come to my attention that the letter issued on August 11, 2020 contained a small typo pertaining to Township/County.

Please find attached an updated a letter with study details for your consideration concerning the Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario.

I apologize for any inconvenience this has cause.

Thanks,  
Chelsea

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**From:** Dickinson, Chelsea  
**Sent:** Tuesday, August 11, 2020 1:01 PM  
**To:** 'heritage@brampton.ca' <[heritage@brampton.ca](mailto:heritage@brampton.ca)>  
**Cc:** Heidy Schopf ([heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)) <[heidy.schopf@woodplc.com](mailto:heidy.schopf@woodplc.com)>  
**Subject:** Information Request - CHAR: Existing Conditions and Impact Assessment Arterial Road Cultural Heritage Assessment Report Update

Good Morning,

Wood was retained by the City of Brampton (City) to complete a Cultural Heritage Assessment Report (CHAR) in support of the 'Schedule C' Municipal Class Environmental Assessment (MCEA) for the proposed Arterial Road network within Secondary Plan Area 47 in the City of Brampton, Ontario. To complete the CHAR, Wood is looking to identify protected and potential cultural heritage



resources within, and adjacent to, the Study Area. Please find attached a letter and map with study details for your consideration.

Any information you could provide would be greatly appreciated.

Sincerely,

**Chelsea Dickinson, B.A.**

Research Archaeologist  
Environment and Infrastructure Solutions

Work: (226) 821-2497

[chelsea.dickinson@woodplc.com](mailto:chelsea.dickinson@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)

The logo for Wood, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid black dot.

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## **Appendix B: Proposed Work**



MAYFIELD ROAD










ARTERIAL A2

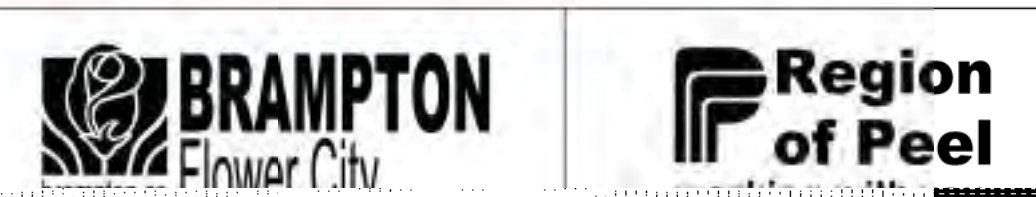
COLERAIN DRIVE

COUNTRYSIDE DRIVE

DRY CREEK

**LEGEND**

-  PROPOSED SIGNALIZED INTERSECTION
-  ASPHALT
-  BOULEVARD
-  SPLASHSTRIP
-  MULTI-USE PATH
-  BUS PAD
-  PROPOSED LIMIT OF RIGHT OF WAY
-  LIMIT OF GRADING
-  EXISTING PROPERTY LINES
-  PAVEMENT MARKINGS
-  PROPOSED STRUCTURE





## **Appendix C: Assessor Qualifications**



## **ASSESSOR QUALIFICATIONS**

### **Peter Popkin, Ph.D., CAHP, MCIfA, Associate Archaeologist**

Dr. Popkin is an Associate Archaeologist at Wood based in Wood's Richmond Hill office. Peter has over 20 years of professional experience in both consulting and academic archaeology within Canada and internationally. In Ontario, he has successfully undertaken hundreds of consultant archaeology projects and has acted as Senior Reviewer (QA/QC) for numerous Cultural Heritage Reports. Dr. Popkin has lectured in archaeology at York University, the University of Toronto and Wilfrid Laurier University in Ontario, as well as University College London, King's College London, and Birkbeck College, in the UK. Dr. Popkin holds a Professional Archaeological Licence (P362) from the Ministry of Heritage, Sport, Tourism and Culture Industries, is a Professional Member of the Canadian Association of Heritage Professionals (CAHP) and is a full Member of the Chartered Institute for Archaeologists (MCIfA). Dr. Popkin received his Ph.D. from the Institute of Archaeology, University College London, London, UK (2009).

### **Heidy Schopf, MES, CAHP – Senior Cultural Heritage Specialist**

Heidy Schopf is the Built and Landscape Heritage Team Lead in Wood's cultural heritage resources group. She has nine years experience in Cultural Resource Management. She is a professional member of the Canadian Association of Heritage Professionals (CAHP). She has worked on a wide variety of projects throughout Ontario, including: cultural heritage resources assessments, heritage impact assessments, documentation reports, cultural heritage evaluations, strategic conservation plans, heritage conservation district studies and plans and archaeological assessments. Ms. Schopf has extensive experience applying local, Provincial, and Federal heritage guidelines and regulations to evaluate protected and potential cultural heritage properties. She is skilled at carrying out impact assessments and developing mitigation measures to conserve the heritage attributes of properties where changes are proposed.

**Chelsea Dickinson B.A., Cultural Heritage Technician** - Ms. Dickinson has been working in consulting archaeology since 2015. During this time, Ms. Dickinson has developed a variety of archaeological skills, from background research to Stage 4 excavations laboratory work, and artifact analysis. In Ontario Ms. Dickinson has worked on a variety of archaeological projects triggered by the Planning and Environmental Assessment Acts participating in a multitude of environmental assessments (EA) conducted for the development of wind and solar farms, hydro line corridors and municipal roadways. Ms. Dickinson has been the co-author on a multitude of archaeological reports specializing in historical background research spanning across Southern Ontario. Ms. Dickinson has had the privilege of working alongside a multitude of First Nation community members while conducting archaeological assessments in both Northern and Southern Ontario. Ms. Dickinson holds an honorary Degree in Near Eastern and Classical

Archaeology from Wilfrid Laurier University, and a Post-Graduate Certificate in Geographical Information Systems from Fanshawe College. Ms. Dickinson holds an **Applied Research Licence (R1194)** from the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.



**wood.**

## **Appendix D: Limitations**



## **Limitations**

1. The work performed in the preparation of the Cultural Heritage Assessment Report: Existing Conditions and Impact Assessment (CHAR) and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of our Professional Services Contract;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our Contract; and,
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in the report are based, in part, on visual observations of the Study Area. Our conclusions cannot and are not extended to include those portions of the Study Area which were not reasonably available, in Wood Environment & Infrastructure's opinion, for direct observation.
4. The potential and protected cultural heritage resources encountered at the Study Area were assessed, within the limitations set out above, having due regard for applicable heritage regulations as of the date of the inspection.
5. Services including a background study and fieldwork were performed. Wood Environment & Infrastructure's work, including archival studies and fieldwork, were completed in a professional manner and in accordance with the Ministry of Heritage, Sport, Tourism and Culture Industries' guidelines. It is possible that Cultural heritage resources not visible from the public realm may be within, or adjacent to the Study Area.
6. The utilization of Wood Environment & Infrastructure's services during the implementation of any further cultural heritage work recommended will allow Wood Environment & Infrastructure to observe compliance with the conclusions and recommendations contained the CHAR. Wood Environment & Infrastructure's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
7. This report is for the sole use of the parties to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information of conclusions in the report, is the sole responsibility of such third party. Wood Environment & Infrastructure accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
8. This report is not to be given over to any third-party other than a governmental entity, for any purpose whatsoever without the written permission of Wood Environment & Infrastructure, which shall not be unreasonably withheld.