

# Appendix B7

**Stage 2 Archaeological Assessment** 



## Woodbine Entertainment Group

# Highway 27-Woodbine Station EA Stage 2 Archaeological Assessment

555 Rexdale Boulevard, Part of Lots 26 & 27, Concession 2 FTH, and Lots 26 & 27, Concession 3 FTH, Geographic Township of Etobicoke, York County, now the City of Toronto, Ontario

#### Prepared by:

AECOM

410 – 250 York Street, Citi Plaza London, ON, Canada N6A 6K2 www.aecom.com 519 673 0510 tel 519 673 5975 fax

Project Number: 60606819

Licensee: Samantha Markham

License: P438

PIF Number: P438-0183-2019

September 19 2019 Original Report

### **Distribution List**

# Hard Copies	PDF Required	Association / Company Name	
0	Yes	Woodbine Entertainment Group	
0	Yes	Ontario Ministry of Tourism, Culture, and Sport	
0	Yes	AECOM Canada Ltd.	

## **Revision History**

Revision #	Date	Revised By:	Revision Description
0	2019-08-28	Samantha Markham	Draft Report

## Statement of Qualifications and Limitations

The attached Report (the "Report") has been prepared by AECOM Canada Ltd. ("AECOM") for the benefit of the Client ("Client") in accordance with the agreement between AECOM and Client, including the scope of work detailed therein (the "Agreement").

The information, data, recommendations and conclusions contained in the Report (collectively, the "Information"):

- is subject to the scope, schedule, and other constraints and limitations in the Agreement and the qualifications contained in the Report (the "Limitations");
- represents AECOM's professional judgement in light of the Limitations and industry standards for the preparation of similar reports;
- may be based on information provided to AECOM which has not been independently verified;
- has not been updated since the date of issuance of the Report and its accuracy is limited to the time period and circumstances in which it was collected, processed, made or issued;
- must be read as a whole and sections thereof should not be read out of such context;
- was prepared for the specific purposes described in the Report and the Agreement; and
- in the case of subsurface, environmental or geotechnical conditions, may be based on limited testing and on the assumption that such conditions are uniform and not variable either geographically or over time.

AECOM shall be entitled to rely upon the accuracy and completeness of information that was provided to it and has no obligation to update such information. AECOM accepts no responsibility for any events or circumstances that may have occurred since the date on which the Report was prepared and, in the case of subsurface, environmental or geotechnical conditions, is not responsible for any variability in such conditions, geographically or over time.

AECOM agrees that the Report represents its professional judgement as described above and that the Information has been prepared for the specific purpose and use described in the Report and the Agreement, but AECOM makes no other representations, or any guarantees or warranties whatsoever, whether express or implied, with respect to the Report, the Information or any part thereof.

Without in any way limiting the generality of the foregoing, any estimates or opinions regarding probable construction costs or construction schedule provided by AECOM represent AECOM's professional judgement in light of its experience and the knowledge and information available to it at the time of preparation. Since AECOM has no control over market or economic conditions, prices for construction labour, equipment or materials or bidding procedures, AECOM, its directors, officers and employees are not able to, nor do they, make any representations, warranties or guarantees whatsoever, whether express or implied, with respect to such estimates or opinions, or their variance from actual construction costs or schedules, and accept no responsibility for any loss or damage arising therefrom or in any way related thereto. Persons relying on such estimates or opinions do so at their own risk.

Except (1) as agreed to in writing by AECOM and Client; (2) as required by-law; or (3) to the extent used by governmental reviewing agencies for the purpose of obtaining permits or approvals, the Report and the Information may be used and relied upon only by Client.

AECOM accepts no responsibility, and denies any liability whatsoever, to parties other than Client who may obtain access to the Report or the Information for any injury, loss or damage suffered by such parties arising from their use of, reliance upon, or decisions or actions based on the Report or any of the Information ("improper use of the Report"), except to the extent those parties have obtained the prior written consent of AECOM to use and rely upon the Report and the Information. Any injury, loss or damages arising from improper use of the Report shall be borne by the party making such use.

This Statement of Qualifications and Limitations is attached to and forms part of the Report and any use of the Report is subject to the terms hereof.

RPT-2019-08-30-Woodbine Station-Stage 2 AA-60606819.Docx

# **Quality Information**

**Report Prepared By:** 

Jernifer Morgan, Philip Bioarchaeology Specialist

Samantha Markham, MES Professional Archaeologist

**Report Reviewed By:** 

Adria Grant, MA, CAHP Ontario Department Manager

Impact Assessment and Permitting (IAP)

## **Executive Summary**

AECOM Canada Limited (AECOM) was retained by Woodbine Entertainment Group (WEG) to conduct a Stage 2 archaeological assessment as part of the proposed Highway 27-Woodbine Station Environmental Assessment (EA) (the Project), located at 555 Rexdale Boulevard in the City of Toronto, historically described as parts of Lots 26 and 27, Concession 2 Front on The Humber (FTH), and Lots 26 and 27, Concession 3 FTH, in the Geographic Township of Etobicoke, York County, now the City of Toronto, Ontario (**Figure 1** and **Figure 2**).

This Stage 2 archaeological assessment is one of several environmental studies that will be completed as a part of the Transit Project Assessment Process (TPAP), under which project impacts will be assessed as prescribed in Ontario Regulation (O. Reg.) 231/08 under the *Environmental Assessment Act* (Ontario Government 1990a). As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review and will include the findings of this Stage 1 archaeological assessment. This archaeological assessment is also subject to the *Ontario Heritage Act* (OHA) (Ontario Government 1990b) and the *Standards and Guidelines for Consultant Archaeologists* (Ontario Government 2011).

The Stage 1 archaeological assessment conducted by AECOM for the proposed Highway 27-Woodbine Station EA in the City of Toronto, Ontario, determined that the majority of the Project Area has been extensively previously disturbed; however, there were several small areas that may retain archaeological potential. These areas included a small corridor of manicured lawn to the south of Entrance Road adjacent to the railway right-of-way (ROW) as well as land around Grandstand Entrance Road and Highway 27. Based on the Stage 1 archaeological assessment, AECOM determined that further work is required for those identified areas (AECOM 2019).

The Stage 2 archaeological assessment as part of the proposed Highway 27-Woodbine Station EA, located at 555 Rexdale Boulevard in the City of Toronto, did not result in the identification of any archaeological material, features, or sites. The majority of the Project Area was determined to have been intensively and extensively previously disturbed, typical of major city centres. As such, all areas subject to Stage 2 assessment within this report are considered free of archaeological concerns and no further work is required.

The MTCS is asked to accept this report into the Ontario Public Register of Archaeological Reports thereby concurring with the recommendations presented herein. As no further archaeological assessment is required, archaeological concerns for the Project in the City of Toronto, Ontario have been fully addressed.

Please note that this archaeological assessment report has been written to meet the requirements of the MTCS's Standards and Guidelines for Consultant Archaeologists (Ontario Government 2011); however, properties that are subject to archaeological assessment are not considered cleared for ground disturbance activities until the associated report has been reviewed and accepted by the MTCS. In order to maintain compliance with the MTCS and the Ontario Heritage Act (1990), no ground disturbing activities are to occur until the proponent and approval authority receive a formal letter from the MTCS stating that the recommendations provided herein are compliant and that the report has been accepted into the MTCS' register of archaeological reports.

# **Project Personnel**

Senior Environmental Planner Carolyn Tunks

Technical Lead Adria Grant, MA, CAHP (P131)

Licensed Archaeologist Samantha Markham, MES (P438)

Field Supervisor Josh Keddy (P484)

Field Technicians Kayley Sherret, Jonathan Bayer, Patrick Brand

Report Production Jennifer Morgan, PhD (R1176), Samantha Markham, MES (P438)

Office Assistance Jennifer Deline

Senior Review Adria Grant, MA, CAHP

GIS Analyst Ben Clark, BAA

# **Table of Contents**

			page
1.	Proje	ect Context	1
	1.1	Development Context	1
		1.1.1 Objectives	2
	1.2	Historical Context	2
		1.2.1 Pre-Contact First Nation Settlement	3
		1.2.2 Post-Contact Period Settlement	5
		1.2.3 Euro-Canadian Settlement	8
	1.3	Archaeological Context	
		1.3.1 Natural Environment	10
		1.3.2 Previous Archaeological Work	
		1.3.3 Known Archaeological Sites	
		1.3.4 Existing Conditions	12
2.	Field	l Methods	13
3.	Reco	ord of Finds	14
4.	Anal	ysis and Conclusions	15
5.	Reco	ommendations	16
6.	Advi	ce on Compliance with Legislation	17
7.	Bibli	ography	18
В.	lmag	jes	22
9.	Figu	res	24
List	of Fi	gures	
igure	1: Loca	ation of the Study Area	25
igure	2: Stud	ly Area in Detail	26
igure	3: Onta	ario Treaty Boundaries	27
_		ion of 1858 Map of Etobicoke Township (Tremaine 1858)	
_		ion of 1878 Map of Etobicoke Township (Miles & Co. 1878)	
_		ults of the Stage 2 Field Survey	

## **List of Tables**

Table 2: 19 <sup>th</sup> Century Settlement Features9 Table 3: Archaeological Reports with Relevant Background Information	Table 1: Cultural Chronology for Southern Ontario	2
•	<b>.</b>	
3	•	
Table 4: Inventory of Documentary Record14		

# 1. Project Context

## 1.1 Development Context

AECOM Canada Limited (AECOM) was retained by Woodbine Entertainment Group (WEG) to conduct a Stage 2 archaeological assessment as part of the proposed Highway 27-Woodbine Station Environmental Assessment (EA) (the Project), located at 555 Rexdale Boulevard in the City of Toronto, historically described as parts of Lots 26 and 27, Concession 2 Front on The Humber (FTH), and Lots 26 and 27, Concession 3 FTH, in the Geographic Township of Etobicoke, York County, now the City of Toronto, Ontario (**Figure 1** and **Figure 2**).

This Stage 2 archaeological assessment is one of several environmental studies that will be completed as a part of the Transit Project Assessment Process (TPAP), under which project impacts will be assessed as prescribed in Ontario Regulation (O. Reg.) 231/08 under the *Environmental Assessment Act* (Ontario Government 1990a). As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review and will include the findings of this Stage 1 archaeological assessment. This archaeological assessment is also subject to the *Ontario Heritage Act* (OHA) (Ontario Government 1990b) and the *Standards and Guidelines for Consultant Archaeologists* (Ontario Government 2011).

The Stage 1 archaeological assessment conducted by AECOM for the proposed Highway 27-Woodbine Station EA in the City of Toronto, Ontario, determined that the majority of the Project Site has been extensively previously disturbed; however, there were several small areas that may retain archaeological potential. These areas included a small corridor of manicured lawn to the south of Entrance Road adjacent to the railway right-of-way (ROW) as well as land around Grandstand Entrance Road and Highway 27. Based on the Stage 1 archaeological assessment, AECOM determined that further work is required for those identified areas (AECOM 2019).

Due to future development and increased demand at the Woodbine District, an early stage initiative calls for the expansion of new public transit options to service the area. Metrolinx and WEG have partnered together to develop the proposed Project, which is anticipated to evolve from the proposed GO station into a multi-modal transportation hub that will increase annual visitation from approximately 6 million today to potentially over 16 million. GO Transit currently operates train service along the Kitchener Rail Corridor, from Union Station in Toronto to Kitchener GO Station in Kitchener. The proposed Project will provide a new station stop along the Kitchener Rail Corridor.

The proposed Project will include:

- Two island platforms (north and south);
- Passenger pick up and drop off (PPUDO);
- Bus loop;
- Plaza structure;
- Vehicle parking;
- Bicycle storage facility;
- Station building;
- Roadway with direct access to the station building, parking facility and public roadway;
- Electrification enabling infrastructure at the station (e.g. integration of Overhead Catenary System support structures into platform areas and grounding and bonding); and
- New tracks and/or realignment of the existing tracks.

1

The site is an approximate 17 acre parcel of land located on the southeast corner of Woodbine District, west of Highway 27 and south of Rexdale Boulevard in the City of Toronto (the Project Site) (**Figure 1**). The Project Site encompasses the southeastern portion of the practice racetrack, the southern portion of the southeast stormwater pond, the eastern portion of Entrance Road, the southern portion of Grandstand Entrance Road, a portion of the rail tracks east and west of Highway 27, and the Highway 27 underpass structure. For the purposes of this Stage 2 archaeological assessment, the area of investigation and assessment includes a small corridor of manicured lawn to the south of Entrance Road adjacent to the railway ROW, as well as land around Grandstand Entrance Road and Highway 27 (**Figure 2**).

## 1.1.1 Objectives

The objective of the Stage 2 archaeological assessment is to provide an overview of archaeological resources on the property, make a determination as to whether any of the resources might be artifacts or archaeological sites with cultural heritage value or interest requiring further assessment, and to recommend appropriate Stage 3 assessment strategies for any archaeological sites identified.

#### 1.2 Historical Context

Years of archaeological research and assessments in southern Ontario have resulted in a well-developed understanding of the historic use of land from the earliest First Nation people to the more recent Euro-Canadian settlers and farmers. **Table 1** provides a breakdown of the cultural and temporal history of past occupations in southern Ontario

**Table 1: Cultural Chronology for Southern Ontario** 

Archaeological Period	Time Period	Characteristics
Early Paleo	9000-8400 BC	<ul><li>Fluted Points</li><li>Arctic tundra and spruce parkland, caribou hunters</li></ul>
Late Paleo	8400-8000 BC	<ul><li>Holcombe, Hi-Lo and Lanceolate Points</li><li>Slight reduction in territory size</li></ul>
Early Archaic	8000-6000 BC	<ul><li>Notched and Bifurcate base Points</li><li>Growing populations</li></ul>
Middle Archaic	6000-2500 BC	<ul> <li>Stemmed and Brewerton Points, Laurentian         Development     </li> <li>Increasing regionalization</li> </ul>
	2000-1800 BC	<ul><li>Narrow Point</li><li>Environment similar to present</li></ul>
Late Archaic	1800-1500 BC	Broad Point     Large lithic tools
	1500-1100 BC	<ul><li>Small Point</li><li>Introduction of bow</li></ul>
Terminal Archaic	1100-950 BC	<ul><li>Hind Points, Glacial Kame Complex</li><li>Earliest true cemeteries</li></ul>
Early Woodland	950-400 BC	<ul><li>Meadowood Points</li><li>Introduction of pottery</li></ul>

Middle Weedlend	400 BC – AD 500	<ul><li>Dentate/Pseudo-scallop Ceramics</li><li>Increased sedentism</li></ul>
Middle Woodland	AD 550-900	Princess Point
		Introduction of corn horticulture
	AD 900-1300	Agricultural villages
Late Woodland	AD 1300-1400	Increased longhouse sizes
	AD 1400-1650	Warring nations and displacement
Contact Period	AD 1600-1875	Early written records and treaties
Historic AD 1749-pres		European settlement (French and English)

Note: Taken from Ellis and Ferris (1990)

The following sections provide a detailed summary of the archaeological cultures that have settled in the vicinity of the Study Area. As Chapman and Putnam (1984) illustrate, the modern physiography of southern Ontario is largely a product of events of the last major glacial stage and the landscape is a complex mosaic of features and deposits produced during the last series of glacial retreats and advances prior to the withdrawal of the continental glaciers from the area. Southwestern Ontario was finally ice free by 12,500 years ago. With continuing ice retreat and lake regressions the land area of southern Ontario progressively increased while barriers to the influx of plants, animals, and people steadily diminished (Karrow and Warner 1990). The land within York County has been extensively utilized by pre-contact First Nation people who began occupying southwestern Ontario as the glaciers receded from the land

#### 1.2.1 Pre-Contact First Nation Settlement

#### The Paleo Period

In this area the first human settlement can be traced back to 11,000 BC; these earliest well-documented groups are referred to as Paleo which literally means old or ancient. During the Paleo period people were non-agriculturalists who depended on hunting and gathering of wild food, they moved their encampments on a regular basis to be in the locations where these resources naturally became available, and the size of the groups occupying any particular location would vary depending on the nature and size of the available food resources (Ellis and Deller 1990). The picture that has emerged for the early and late Paleo is of groups at low population densities who were residentially mobile and made use of large territories during annual cycles of resource exploitation.

#### The Archaic Period

The next major cultural period following the Paleo is termed the Archaic, which is broken temporally into the Early, Middle, and Late Archaic periods. There is much debate on how the term Archaic is employed; general practice bases the designation off assemblage content as there are marked differences in artifact suites from the preceding Paleo and subsequent Woodland periods. As Ellis *et al.* (1990) note, from an artifact and site characteristic perspective the Archaic is simply used to refer to non-Paleo manifestations that pre-date the introduction of ceramics. Ellis *et al.* (1990) stress that Archaic groups can be distinguished from earlier groups based on site characteristics and artifact content.

Early Archaic sites have been reported throughout much of southwestern Ontario and extend as far north as the Lake Huron Basin region and as far east as Rice Lake (Deller *et al.* 1986). A lack of excavated assemblages from southern Ontario has limited understandings and inferences regarding the nature of stone tool kits in the Early Archaic and tool forms other than points are poorly known in Ontario; however, at least three major temporal horizons can be recognized and can be distinguished based on projectile point form (Ellis *et al.* 1990). These

horizons are referred to as Side-Notched (*ca.* 8,000-7,700 BC), Corner-Notched (*ca.* 7,700-6,900 BC), and Bifurcated (*ca.* 6,900-6,000 BC) (Ellis *et al.* 1990). Additional details on each of these horizons and the temporal changes to tool types can be found in Ellis *et al.* (1990).

The Middle Archaic period (6,000-2,500 BC), like the Early Archaic, is relatively unknown in southern Ontario. Ellis *et al.* (1990) suggest that artifact traits that have come to be considered as characteristic of the Archaic period as a whole, first appear in the Middle Archaic. These traits include fully ground and polished stone tools, specific tool types including banner stones and net-sinkers, and the use of local and/or non-chert type materials for lithic tool manufacture (Ellis *et al.* 1990).

The Late Archaic begins around approximately 2,000 BC and ends with the appearance of ceramics and the Meadowood Phase at roughly 950 BC. Much more is known about this period than the Early and Middle Archaic and a number of Late Archaic sites are known. Sites appear to be more common than earlier periods, suggesting some degree of population increase. True cemeteries appear and have allowed for the analysis of band size, biological relationships, social organization, and health. Narrow and Small point traditions appear as well as tool recycling wherein points were modified into drills, knives, end scrapers, and other tools (Ellis *et al.*. 1990). Other tools including serrated flakes used for sawing or shredding, spokeshaves, and retouched flakes manufactured into perforators, gravers, micro-perforators, or piercers. Tools on coarse-grained rocks such as sandstone and quartz become common and include hammerstones, net-sinkers, anvils, and cobble spalls. Depending on preservation, several Late Archaic sites include bone and/or antler artifacts which likely represent fishing toolkits and ornamentation. These artifacts include bone harpoons, barbs or hooks, notched projectile points, and awls. Bone ornaments recovered have included tubular bone beads and drilled mammal canine pendants (Ellis *et al.*. 1990).

Throughout the Early to Late Archaic periods the natural environment warmed and vegetation changed from closed conifer-dominated vegetation cover, to the mixed coniferous and deciduous forest in the north and deciduous vegetation in the south we see in Ontario today (Ellis *et al.* 1900). During the Archaic period there are indications of increasing populations and decreasing size of territories exploited during annual rounds; fewer moves of residential camps throughout the year and longer occupations at seasonal campsites; continuous use of certain locations on a seasonal basis over many years; increasing attention to ritual associated with the deceased; and, long range exchange and trade systems for the purpose of obtaining valued and geographically localized resources (Ellis *et al.* 1990).

#### The Woodland Period

The Early Woodland period is distinguished from the Late Archaic period primarily by the addition of ceramic technology, which provides a useful demarcation point for archaeologists but is expected to have made less difference in the lives of the Early Woodland peoples. The settlement and subsistence patterns of Early Woodland people shows much continuity with the earlier Archaic with seasonal camps occupied to exploit specific natural resources (Spence *et al.* 1990). During the Middle Woodland well-defined territories containing several key environmental zones were exploited over the yearly subsistence cycle. Large sites with structures and substantial middens appear in the Middle Woodland associated with spring macro-band occupations focussed on utilizing fish resources and created by consistent returns to the same site (Spence *et al.* 1990). Groups would come together into large macro-bands during the spring-summer at lakeshore or marshland areas to take advantage of spawning fish; in the fall inland sand plains and river valleys were occupied for deer and nut harvesting and groups split into small micro-bands for winter survival (Spence *et al.* 1990). This is a departure from earlier Woodland times when macro-band aggregation is thought to have taken place in the winter (Ellis *et al.* 1988; Granger 1978).

The period between the Middle and Late Woodland period was both technically and socially transitional for the ethnically diverse populations of southern Ontario and these developments laid the basis for the emergence of settled villages and agriculturally based lifestyles (Fox 1990). The Late Woodland period began with some groups shifting settlement and subsistence patterns, involving an increasing reliance on corn horticulture. Corn may have

been introduced into southwestern Ontario from the American Midwest as early as 600 AD. However, it did not become a dietary staple until at least three to four hundred years later. The first agricultural villages in southwestern Ontario date to the 10th century A.D. Unlike the riverine base camps of the Middle Woodland period, Late Woodland sites are located in the uplands, on well-drained sandy soils.

In the Late Woodland period, between 900-1300 AD, villages tended to be small settlements with nearby camps and hamlets that served as temporary spaces for hunting game and gathering resources outside of the villages. At this time, small village sites were characterized by the presence of longhouses with villages being occupied considerably longer than later in the Woodland period. Villages tended to be moved when nearby soils had been depleted by farming and conveniently collected firewood grew scarce. The Jesuits reported that the Huron moved their villages once every 10-15 years as they relied less heavily on corn than did later groups, and since their villages were much smaller, there was less demand on nearby resources. Small amounts of corn appear to have been a dietary component at this time; however, archaeological evidence suggests that its role was not as a dietary staple at this time but was possibly supplemental in nature (Fox 1990).

Between 1300 and 1400 AD, village sizes grew significantly, resulting in the development of complex community political systems. This period also marks the emergence of fully developed horticulture, including the cultivation of corn, beans, and squash. Additionally, changes in ceramic styles may reflect increasing levels of inter-community communication and integration. This is supported by Michi Saagiig (Mississauga Anishinaabeg) oral histories, which speak to the coming of the corn growers and the symbiotic relationships that Algonkian speaking groups had with the Huron-Wendat in particular (Migizi and Kapyrka 2015).

By the beginning of the fourteenth century, larger fortified village sites were often cleared to accommodate the cultivation of corn, beans, and squash as a result of an increasing reliance on horticulture. Longhouses also continued to grow in size until 1450 AD when a decrease in house length is observed. This decrease in house length may be partially attributed to large scale drops in population size associated with the introduction of European diseases (Ellis *et al.* 1988).

#### 1.2.2 Post-Contact Period Settlement

The post-contact Indigenous occupation of southern Ontario was heavily influenced by the dispersal of Iroquoian speaking peoples, including the Six Nations of the Iroquois – Mohawk, Cayuga, Oneida, Seneca, Onondaga, and Tuscarora. This was followed by the return of Algonkian speaking groups from northern Ontario, including the Michi Saagig, who had temporarily retreated to their wintering grounds in the mid-1600s to avoid warfare and disease as a result of colonial settlement. Algonkian speaking Ojibwe (Chippewa), Odawa (Ottawa), and Pottawatomi, known as the Three Fires Confederacy, remained in their traditional territory that covered a vast area of southern Ontario as well as eastern Michigan.

As European settlers encroached on their territory the nature of First Nation population distribution, settlement size and material culture changed. Despite these changes it is possible to correlate historically recorded villages with archaeological manifestations and the similarity of those sites to more ancient sites reveals an antiquity to documented cultural expressions that confirms a long historical continuity to systems of Indigenous ideology and thought (Ferris 2009).

It is important to note that, when discussing the historical documentation of the movement of Indigenous people, what has been documented by early European explorers and settlers represents only a very small snap-shot in time. Documentation of where Indigenous groups were residing during European exploration and settlement is restricted to only a very short period of time and does not reflect previous and subsequent movements of these groups. This brief history does not reflect the full picture of the pre- or post-contact period occupation of Indigenous

groups or cultures. As such, relying on historic documentation in regards to Indigenous occupation and movement across the landscape can lead to misinterpretation. For example, noting the movement of Indigenous groups into an area may incorrectly suggest to the reader that these groups had not occupied the area previously; however, this is not the case. It is clear from Indigenous oral histories and the archaeological record that pre-contact Indigenous populations were extremely mobile and not tied to any one specific area. Over the vast period of time prior to the arrival of Europeans, Indigenous groups, language families, and cultures were fluid across the landscape.

#### The Michi Saagig

In addition to archaeological interpretations, an oral history of the Michi Saagiig has been provided by the Michi Saagiig Elder Gitiga Migizi. This oral history speaks to the Indigenous occupation of this area of southern Ontario and is provided below:

The traditional homelands of the Michi Saagiig (Mississauga Anishinaabeg) encompass a vast area of what is now known as southern Ontario. The Michi Saagiig are known as "the people of the big river mouths" and were also known as the "Salmon People" who occupied and fished the north shore of Lake Ontario where the various tributaries emptied into the lake. Their territories extended north into and beyond the Kawarthas as winter hunting grounds on which they would break off into smaller social groups for the season, hunting and trapping on these lands, then returning to the lakeshore in spring for the summer months.

The Michi Saagiig were a highly mobile people, travelling vast distances to procure subsistence for their people. They were also known as the "Peacekeepers" among Indigenous nations. The Michi Saagiig homelands were located directly between two very powerful Confederacies: The Three Fires Confederacy to the north and the Haudenosaunee Confederacy to the south. The Michi Saagiig were the negotiators, the messengers, the diplomats, and they successfully mediated peace throughout this area of Ontario for countless generations.

Michi Saagiig oral histories speak to their people being in this area of Ontario for thousands of years. These stories recount the "Old Ones" who spoke an ancient Algonquian dialect. The histories explain that the current Ojibwa phonology is the 5th transformation of this language, demonstrating a linguistic connection that spans back into deep time. The Michi Saagiig of today are the descendants of the ancient peoples who lived in Ontario during the Archaic and Paleo-Indian periods. They are the original inhabitants of southern Ontario, and they are still here today.

The traditional territories of the Michi Saagiig span from Gananoque in the east, all along the north shore of Lake Ontario, west to the north shore of Lake Erie at Long Point. The territory spreads as far north as the tributaries that flow into these lakes, from Bancroft and north of the Haliburton highlands. This also includes all the tributaries that flow from the height of land north of Toronto like the Oak Ridges Moraine, and all of the rivers that flow into Lake Ontario (the Rideau, the Salmon, the Ganaraska, the Moira, the Trent, the Don, the Rouge, the Etobicoke, the Humber, and the Credit, as well as Wilmot and 16 Mile Creeks) through Burlington Bay and the Niagara region including the Welland and Niagara Rivers, and beyond. The western side of the Michi Saagiig Nation was located around the Grand River which was used as a portage route as the Niagara portage was too dangerous. The Michi Saagiig would portage from present-day Burlington to the Grand River and travel south to the open water on Lake Erie.

Michi Saagiig oral histories also speak to the occurrence of people coming into their territories sometime between 500-1000 A.D. seeking to establish villages and a corn growing economy – these newcomers included peoples that would later be known as the Huron-Wendat, Neutral, Petun/Tobacco Nations. The Michi Saagiig made Treaties with these newcomers and granted them permission to stay with the understanding that they were visitors in these lands. Wampum was made to record these contracts, ceremonies would have bound each nation to their respective responsibilities within the political relationship, and these contracts would have been renewed annually (see Gitiga Migizi and Kapyrka 2015). These visitors were extremely successful as their corn economy grew as well as their populations. However, it was understood by all nations involved that this area of Ontario were the homeland territories of the Michi Saagiig.

The Odawa Nation worked with the Michi Saagiig to meet with the Huron-Wendat, the Petun, and Neutral Nations to continue the amicable political and economic relationship that existed – a symbiotic relationship that was mainly policed and enforced by the Odawa people.

Problems arose for the Michi Saagiig in the 1600s when the European way of life was introduced into southern Ontario. Also, around the same time, the Haudenosaunee were given firearms by the colonial governments in New York and Albany which ultimately made an expansion possible for them into Michi Saagiig territories. There began skirmishes with the various nations living in Ontario at the time. The Haudenosaunee engaged in fighting with the Huron-Wendat and between that and the onslaught of European diseases, the Iroquoian speaking peoples in Ontario were decimated.

The onset of colonial settlement and missionary involvement severely disrupted the original relationships between these Indigenous nations. Disease and warfare had a devastating impact upon the Indigenous peoples of Ontario, especially the large sedentary villages, which mostly included Iroquoian speaking peoples. The Michi Saagiig were largely able to avoid the devastation caused by these processes by retreating to their wintering grounds to the north, essentially waiting for the smoke to clear.

Michi Saagiig Elder Gitiga Migizi (2017) recounts:

"We weren't affected as much as the larger villages because we learned to paddle away for several years until everything settled down. And we came back and tried to bury the bones of the Huron but it was overwhelming, it was all over, there were bones all over – that is our story.

There is a misnomer here, that this area of Ontario is not our traditional territory and that we came in here after the Huron-Wendat left or were defeated, but that is not true. That is a big misconception of our history that needs to be corrected. We are the traditional people, we are the ones that signed treaties with the Crown. We are recognized as the ones who signed these treaties and we are the ones to be dealt with officially in any matters concerning territory in southern Ontario. We had peacemakers go to the Haudenosaunee and live amongst them in order to change their ways. We had also diplomatically dealt with some of the strong chiefs to the north and tried to make peace as much as possible. So we are very important in terms of keeping the balance of relationships in harmony.

Some of the old leaders recognized that it became increasingly difficult to keep the peace after the Europeans introduced guns. But we still continued to meet, and we still continued to have some wampum, which doesn't mean we negated our territory or gave up our territory – we did not do that. We still consider ourselves a sovereign nation despite legal challenges against that. We still view ourselves as a nation and the government must negotiate from that basis."

Often times, southern Ontario is described as being "vacant" after the dispersal of the Huron-Wendat peoples in 1649 (who fled east to Quebec and south to the United States). This is misleading as these territories remained the homeland of the Michi Saagiig Nation.

The Michi Saagiig participated in eighteen treaties from 1781 to 1923 to allow the growing number of European settlers to establish in Ontario. Pressures from increased settlement forced the Michi Saagiig to slowly move into small family groups around the present day communities: Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Scugog Island First Nation, New Credit First Nation, and Mississauga First Nation. The Michi Saagiig have been in Ontario for thousands of years, and they remain here to this day.

Migizi and Kapyrka pp. 127-136 (2015)

#### The Toronto Purchase (Treaty No. 13)

The Project Site falls within the boundaries of the Toronto Purchase (Treaty No. 13) which, today, includes the cities of Etobicoke, Toronto, North York, and Vaughan (**Figure 3**). In the 1780s, the Crown decided that there was a

need to unite colonial settlements along Lake Ontario in order to secure supply lines to western outposts. In 1787, the Superintendent General of the Indian Department, Sir John Johnson, met with several Mississauga First Nations at the Bay of Quinte in order to obtain the land included in the Toronto Purchase Treaty. Shortly after, concerns arose regarding the legitimacy of the Toronto Purchase as the deed did not include a description of the land that had been purchased by the Crown. In 1788, the Crown's attempt to survey the treaty land was met by resistance from the Mississauga as there had been no delineation of the land boundaries agreed upon in the Toronto Purchase (Duric 2017).

Given the lack of clarity regarding the boundaries of the treaty land, concern from the Crown grew regarding legal land titles that had been issued to early European settlers. Even more concerning to the Crown, the capital of Upper Canada, York, was located within the Toronto Purchase and legal title of this land was also in question. A new agreement between the Crown and Mississaugas of the Credit was negotiated on August 1, 1805 and included approximately 250,800 acres (ac) of land for the sum of 10 shillings and for the Mississaugas to reserve the right to exclusively fish on Etobicoke Creek (Duric 2017).

Nearly 180 years later, in 1986, the Mississaugas of the Credit filed a claim against the Government of Canada regarding the Toronto Purchase Treaty, contending that the Crown has unlawfully acquired additional land, the Toronto Islands, which had not been agreed upon in the original 1787 purchase. Also in dispute was the unreasonable sum of paid for the land obtained in the 1805 agreement. In 2010, the Government of Canada settled the Toronto Purchase Claim, along with the Brant Tract Claim (Treaty No. 3 ¾) to the southwest for a sum of \$145 million, which, at that time, was the largest land claim settlement in Canadian history (Duric 2017).

#### 1.2.3 Euro-Canadian Settlement

#### **York County**

York County was formed in 1792 and was part of the jurisdiction of the Home District of Upper Canada with Toronto as the county seat. York County originally comprised all of what is now the Regional Municipalities of York, Peel and Halton, and the City of Toronto, as well as parts of the Regional Municipality of Durham and the City of Hamilton. In 1953, the City of Toronto and a number of Townships, including Etobicoke Township were separated from York County to form Metropolitan Toronto (Boylen 1954).

#### Geographic Township of Etobicoke

The Township of Etobicoke is located within the historic County of York and the township name originates from the Mississaugas who referred to the surrounding area and creek system as "Adobigok" – "where the alders grow". In 1791, a road was commissioned through what would become the Township of Etobicoke by Lieutenant Governor John Graves Simcoe. The road was surveyed along the shore of Lake Ontario proceeding west from York and formed part of present-day Lake Shore Boulevard (Etobicoke Historical Society 2015). The first survey of the Township of Etobicoke was conducted in 1795 and organized the township into 100 ac lots with the first land grant on Lot 1, Concession 1, issued in 1797.

Etobicoke Township was inhabited by approximately 250 people during the War of 1812, at least 50 of whom were military. By this time, there had not yet been any significant community settlement and the township only had four mills along the Humber River and Etobicoke Creek. No schools, churches, villages, post offices, or other community buildings were established until the 1830s. Significant population growth occurred in the 1850s when residential and commercial developments began to pop up in expanding villages throughout the township. Land was cleared and cultivated for agricultural use and several railways arrived through Etobicoke Township including

the Great Western Railway in 1854, the Grand Trunk Railway (GTR) in 1856, and the Great Valley Railway in 1877 (Etobicoke Historical Society 2015).

#### Euro-Canadian Use of the Study Area

Historic maps were reviewed to determine the presence of 19<sup>th</sup> century settlement features within the Study Area as the presence of historic features elevates the potential for the recovery of 19<sup>th</sup> century archaeological resources. The Project Site is located on part of Lots 26 and 27, Concession 2 FTH, and Lots 26 and 27, Concession 3 FTH, in the Geographic Township of Etobicoke, York County. **Table 2** provides information on the results of the examination of the 1858 (Tremaine 1858) and 1878 (Miles & Co. 1878) maps of the Township of Etobicoke. With the exception of the GTR, none of the historic features illustrated fall within the boundaries of the Project Site (**Figure 4** and **Figure 5**).

ndowner(s) Historic Feature(s)

Table 2: 19th Century Settlement Features

Lot	Conc.	Landowner(s)	Historic Feature(s)
		1858:	1858:
		<ul> <li>James Doyle</li> </ul>	• GTR
26	2 FTH	1878:	1878:
		<ul> <li>Jno Doyle</li> </ul>	<ul> <li>Farmhouse on west side of lot</li> </ul>
			• GTR
		1858:	1858:
		<ul><li>James Smith</li></ul>	■ GTR
27	2 FTH	1878:	1878:
		<ul> <li>Mercer Estate</li> </ul>	<ul> <li>Farmhouse in northwest corner</li> </ul>
			■ GTR
		1858:	1858:
		<ul> <li>Mrs. E. Betteridge</li> </ul>	<ul> <li>GTR</li> </ul>
26	3 FTH	1878:	1878:
26	3 7 1 1	<ul><li>Isaac Kellam</li></ul>	<ul> <li>Kellam farmhouse on south side of railway</li> </ul>
		<ul> <li>James Gardhouse</li> </ul>	(southeast corner of lot)
			■ GTR
		1858:	1858:
27		<ul> <li>James Croker</li> </ul>	• GTR
	3 FTH	1878:	1878:
		<ul> <li>James Gardhouse</li> </ul>	<ul> <li>Farmhouse and orchard on west side of lot</li> </ul>
			■ GTR

The Project Site includes a portion of the former GTR, constructed by the Grand Trunk Railway Company of Canada (GTRCC). The GTRCC was incorporated in 1852 to build a railway line between Montreal and Toronto. The GTR arrived in Etobicoke in 1856 when the section of rail between Toronto and Sarnia was opened.

It should be noted that not all features of interest, particularly farmhouses and smaller homesteads, were mapped systematically on these maps as this would have been beyond the intended scope of the Ontario historical atlas series. In addition, given that atlases were funded by subscription, preference with regard to the level of detail included was given to subscribers. As such, the absence of structures or other features on historic atlas maps does not preclude the presence of historic features at the time the area was surveyed.

A review of the City of Toronto Heritage Register Map was also completed to determine the presence of any heritage properties or historically significant sites within or in close proximity to the Project Site. The results of this search did not identify any listed or designated properties within and/or in close proximity to the Project Site boundaries, nor does the Project Site fall within a Heritage Conservation District.

#### Woodbine Racetrack

The Project Site is currently located at Woodbine Districts in the City of Toronto, which is partially occupied by the well-known Woodbine Racetrack. The racetrack bears the name originally used by a racetrack located in east Toronto. The original racetrack was constructed in 1875 on the property of Joseph Duggan, who named his residence "Woodbine" and operated the Woodbine Park Hotel. Duggan's property was located at Queen Street East and Kingston Road at the south end of Woodbine Avenue. Later, in 1881, Duggan established the Ontario Jockey Club. From 1883 until 1955, the track was used for thoroughbred horse racing. In 1956, the new racetrack was constructed in its current location and the name "Woodbine" was transferred. The original track continued to be used as the "Old Woodbine Racetrack" before being renamed the Greenwood Racetrack in 1963 (Filey 1993). The new Woodbine Racetrack has been significantly expanded and developed since the 1990s and is planned for further expansion including the construction of a casino, hotel, and entertainment complex by 2022 (WEG 2019).

## 1.3 Archaeological Context

#### 1.3.1 Natural Environment

The Project Site falls within the Iroquois Plain physiographic region of southern Ontario, which is the former bed of glacial Lake Iroquois. The Iroquois Plain is characterized by both lowlands and shorecliffs adjacent to the Niagara Escarpment. A number of streams and creeks flow into the region producing lagoons and marshes. Although the Iroquois Plain consists primarily of sandy soils, drainage is poor due to an underlying deep layer of clay (Chapman and Putnam 1966:325).

The single most important environmental feature necessary for extended human occupation is potable water. As such, proximity to water is regarded as a useful index for the determination of potential for the presence of archaeological resources. Etobicoke Creek, a major tributary of Lake Ontario, is located less than 1 km west of the Study Area. Etobicoke Creek was an important pre-contact resource and transportation route to and from Lake Ontario.

The environmental characteristics in this area of southern Ontario provided an ideal environment for both temporary and permanent settlement throughout the pre-and post-contact periods. During the 19<sup>th</sup> and 20<sup>th</sup> century, rapid deforestation resulted in significant land clearance across Etobicoke Township and, over time, the once diverse forest life and wide range of tree species and natural resources would have also been depleted as agricultural and modern residential and commercial development continued. As a result of continuing urban, commercial, and recreational development, this part of southern Ontario is almost completely deforested today.

## 1.3.2 Previous Archaeological Work

To inform the Stage 2 archaeological assessment and further establish the archaeological context of the Project Site, a search of the Archaeological Sites Database (ASDB) was conducted to determine if any previous

archeological work has been completed within the Project Site or within 50 m of the Project Site boundaries. **Table 3** lists archaeological reports with relevant background information.

Year	Title	Author	PIF Number
2008	Stage 1 Archaeological Assessment, Georgetown South Service Expansion and Union Pearson Rail Link	Archaeological Services Inc. (ASI)	P057-509-2008
2012	The Stage 1 Archaeological Assessment for the Airport Rail Link Electrification EA, City of Toronto	A.M. Archaeological Associates (AMAA)	P035-181-2012
2017	A Stage 1 and 2 Resource Assessment of Part of Lots 27 and 28, Concession 2 FTB, City of Toronto (Formerly the City of Etobicoke), Ontario	Archaeological Consultants & Contractors (ACC)	P120-0207-2016
2017a	Stage 1 Archaeological Assessment of 40 Queens Plate Drive, Part of Lots 27 and 28, Concession 2 FTH, Geographic Township of Etobicoke, York County, City of Toronto, Ontario	ASI	P449-0015-2017
2017b	Stage 2 Archaeological Assessment of 40 Queens Plate Drive, Part of Lots 27 and 28, Concession 2 FTH, Geographic Township of Etobicoke, York County, City of Toronto, Ontario	ASI	P449-0032-2017
2019	Stage 1 Archaeological Assessment, Woodbine Station EA Stage 2 Archaeological Assessment, Part of Lots 26 & 27, Concession 2 FTH, and Lots 26 & 27, Concession 3 FTH, Geographic Township of Etobicoke, York County, now the City of Toronto, Ontario	AECOM	P438-0177-2019

A Stage 1 archaeological assessment was completed by ASI in 2008 for a 20 kilometre (km) rail corridor as part of the Georgetown South Service Expansion and Union Pearson Rail Link project as part of the Transit Project Assessment Process (O. Reg 231/08). The portion of the Project Site that falls within the rail corridor was previously assessed as part of this Stage 1 archaeological work. The Stage 1 archaeological assessment determined that the investigated study area exhibited potential for the presence of archaeological resources. The subsequent property inspection found that most of the study area has been previously disturbed by construction; however, some land within the rail corridor potentially remains undisturbed and may contain archaeological resources (ASI 2008). ASI (2008) recommended that a Stage 2 archaeological assessment be conducted on any land determined to retain archaeological potential that may be impacted.

In 2012, AMAA conducted a Stage 1 archaeological assessment as part of the Airport Rail Link Electrification EA project in the City of Toronto. Several properties were assessed as part of this project, including substations, switching stations, a paralleling station, and a maintenance facility. The property proposed for the Northern Substation at 175 City View Drive that was assessed by AMAA includes a portion of the eastern boundaries of the current Study Area on the south side of the existing rail line. The results of this assessment determined that most of the land included for the Northern Substation retained the potential for archaeological resources and a Stage 2 archaeological assessment was recommended (AMAA 2012).

A Stage 1 and 2 archaeological assessment was completed for a corridor of land on part of Lots 27 and 28, Concession 2 FTH, in 2017 to the northeast of the current Project Site (ACC 2017). The Stage 1 background study revealed that parts of the study area may not have been previously disturbed and retain potential for the presence of archaeological resources. Based on these findings, ACC (2017) recommended that a Stage 2 field investigation be completed for the potentially undisturbed land. At the completion of the Stage 2 field survey, the entire study

area was confirmed to have been previously disturbed and no archaeological resources or sites were found. ACC (2017) concluded that the study area did not require further archaeological assessment.

In 2017, ASI conducted a Stage 1 archaeological assessment for the property at 40 Queens Plate Drive to the east of the current Project Site. The Stage 1 background study resulted in the finding that approximately half of the subject property exhibits archaeological potential and must be subject to a Stage 2 archaeological assessment (ASI 2017a). The Stage 2 assessment was also conducted by ASI in the same year and determined that the land subject to field survey had been significantly previously disturbed. No archaeological resources or sites were identified and no further work was recommended (ASI 2017b).

AECOM completed the Stage 1 archaeological assessment for the proposed Highway 27-Woodbine Station EA in 2019. This assessment determined that the majority of the Study Area had been extensively previously disturbed with the exception of several areas of manicured lawn that retains potential for the presence of archaeological resources. As such, a Stage 2 archaeological assessment for the land identified as retaining archaeological potential was recommended (AECOM 2019).

In addition to previous reports, AECOM reviewed the City of Toronto Archaeological Potential Map to better assess the potential for the presence of archaeological resources as previously determined by the City of Toronto. The Archaeological Potential Map illustrates that some small portions of the Study Area retain the potential for the presence of archaeological resources. These areas include a small corridor of manicured lawn to the south of Entrance Road adjacent to the railway ROW as well as lands around Grandstand Entrance Road and Highway 27 (AECOM 2019).

To the best of our knowledge, there are no other reports concerning archaeological work conducted within or in close proximity (i.e. within 50 m) of the Project Site; however, it should be noted that the MTCS does not maintain a database of all properties that have had past archaeological investigations and searches of the MTCS' public register do not always result in a complete listing of all archaeological work conducted in a given area. In consequence, in some cases the only way a consulting archaeologist will know that a past assessment has been conducted in a given area is if they have personal knowledge of it, or if the assessment resulted in the discovery and registration of one or more archaeological sites.

## 1.3.3 Known Archaeological Sites

AECOM conducted a data search of the ASDB to determine if any registered archaeological sites are located within the Project Site as well as within 1 km of the current Project Site boundaries. The ASDB records indicate that there are no registered archaeological sites within the Project Site or within 1 km of the Project Site boundaries.

### 1.3.4 Existing Conditions

The overall Project Site is generally bounded by the railway ROW to the south, Stable Road to the north, Highway 27 to the east, and Entrance Road to the west. It encompasses the southeastern portion of the practice racetrack, the southern portion of the southeast stormwater pond, the eastern portion of Entrance Road, the southern portion of Grandstand Entrance Road, a portion of the rail tracks east and west of Highway 27, and the Highway 27 underpass structure. They portion of the Project Site subject to Stage 2 archaeological assessment includes a small corridor of manicured lawn to the south of Entrance Road adjacent to the railway ROW as well as lands around Grandstand Entrance Road and Highway 27 (see photographs 1-10 depicting existing conditions).

## 2. Field Methods

The Stage 2 field survey was conducted on July 31, 2019 under PIF# P438-0183-2019 issued to Samantha Markham, Professional Archaeologist at AECOM. Josh Keddy (P484) acted as the field supervisor and the fieldwork involved the physical survey of all land to be impacted by the proposed Project, located at 555 Rexdale Boulevard in the City of Toronto. Weather conditions during the field investigation were ideal and at no time were conditions detrimental to the identification and recovery of archeological material. The weather during the Stage 2 field survey consisted of mostly sunny conditions with a high of 30°C.

The entire area subject to Stage 2 field survey is comprised of manicured lawn. In accordance with the *Standards* and *Guidelines for Consultant Archaeologists* (Section 2.1.2, Standards 1-9, Government of Ontario 2011), the portions of the Project Site under manicured lawn were subject to assessment by the standard shovel test pit method at an interval of 5 m in areas demonstrating no or subtle disturbance. Based on professional judgment, test pit intervals were increased to 10 m in areas that demonstrated noticeable disturbance. Of the land subject to test pit survey, approximately 50% was assessed at 5 m intervals and 50% was assessed at 10 m intervals.

Each test pit was approximately 30 centimetres (cm) in diameter and was excavated at least 5 cm into sterile subsoil where present. All test pits were examined for stratigraphy, cultural features or evidence of fill. All soil was screened though hardware mesh with an aperture of 6 millimetres (mm) to facilitate the recovery of cultural material and was then used to backfill the pit. Intact test pits demonstrated brown clay loam over an orange-grey clay subsoil. Disturbed test pits were excavated to a maximum depth of 100 cm and contained a mottled brown-gray clay with concrete, asphalt and plastic intrusions. In some cases, the deeper disturbed test pits began to fill with water.

Photographs 1-10 illustrate the methods and conditions for the Stage 2 field investigation. As per the *Standards* and *Guidelines for Consultant Archaeologists* (Section 7.8.6, Standard 1a, Ontario Government 2011), photograph locations and directions are provided on **Figure 6** along with an illustration of the methods and results of the Stage 2 field investigation.

# 3. Record of Finds

This Stage 2 archaeological assessment was conducted by employing the methods outlined in Section 2 of this report. **Table 4** provides a listing of the documentary record generated by the Stage 2 fieldwork and indicates the location of each document type. Any maps that show actual archaeological locations and all UTM coordinates recorded during the assessment are provided in the supplementary documentation to this report.

**Table 4: Inventory of Documentary Record** 

Document Type	Quantity	Location	Additional Comments
Field Notes	2 pages	AECOM London Office	In original field folder and stored digitally in project file
Hand Drawn Maps	1	AECOM London Office	In original field folder and stored digitally in project file
Proponent Maps	1	AECOM London Office	Hard copy and digital copy in project file
Digital Photographs	~40	AECOM London Office	Stored digitally in project file

While AECOM's Stage 1 background study indicated that the study area retained archaeological potential, the Stage 2 field investigation did not result in the identification of any archaeological material or features.

# 4. Analysis and Conclusions

The Stage 2 archaeological assessment as part of the proposed Project, located at 555 Rexdale Boulevard in the City of Toronto, did not result in the identification of any archaeological material, features, or sites where intact soils were encountered. The remainder of the Project Area was found to consists of land where archaeological potential has been removed as a result of the previous disturbance associated with urban development.

## 5. Recommendations

The Stage 2 archaeological assessment as part of the proposed Highway 27-Woodbine Station EA, located at 555 Rexdale Boulevard in the City of Toronto, did not result in the identification of any archaeological material, features, or sites. The majority of the Project Area was determined to have been intensively and extensively previously disturbed, typical of major city centres. As such, all areas subject to Stage 2 assessment within this report are considered free of archaeological concerns and no further work is required.

The MTCS is asked to accept this report into the Ontario Public Register of Archaeological Reports thereby concurring with the recommendations presented herein. As no further archaeological assessment is required, archaeological concerns for the Project in the City of Toronto, Ontario have been fully addressed.

Please note that this archaeological assessment report has been written to meet the requirements of the MTCS's Standards and Guidelines for Consultant Archaeologists (Ontario Government 2011); however, properties that are subject to archaeological assessment are not considered cleared for ground disturbance activities until the associated report has been reviewed and accepted by the MTCS. In order to maintain compliance with the MTCS and the Ontario Heritage Act (1990), no ground disturbing activities are to occur until the proponent and approval authority receive a formal letter from the MTCS stating that the recommendations provided herein are compliant and that the report has been accepted into the MTCS' register of archaeological reports.

# 6. Advice on Compliance with Legislation

This report is submitted to the Ontario Minister of Tourism, Culture and Sport as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18. The report is reviewed to ensure that it complies with the standards and guidelines that are issued by the Minister, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario. When all matters relating to archaeological sites within the project area of a development proposal have been addressed to the satisfaction of the Ministry of Tourism, Culture and Sport, a letter will be issued by the ministry stating that there are no further concerns with regard to alterations to archaeological sites by the proposed development.

It is an offence under Sections 48 and 69 of the *Ontario Heritage Act* for any party other than a licensed archaeologist to make any alteration to a known archaeological site or to remove any artifact or other physical evidence of past human use or activity from the site, until such time as a licensed archaeologist has completed fieldwork on the site, submitted a report to the Minister stating that the site has no further cultural heritage value or interest, and the report has been filed in the Ontario Public Register of Archaeology Reports referred to in Section 65.1 of the *Ontario Heritage Act*.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with Section 48(1) of the *Ontario Heritage Act*.

Archaeological sites recommended for further archaeological fieldwork or protection remain subject to section 48 (1) of the *Ontario Heritage Act* and may not be altered, or have artifacts removed from them, except by a person holding an archaeological license.

The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 (when proclaimed in force in 2012) require that any person discovering human remains must notify the police or coroner and the Registrar of Burial Sites, War Graves, Abandoned Cemeteries, and Cemetery Closures.

# 7. Bibliography

Aboriginal Affairs and Northern Development Canada (AANDC)

2013 Treaty Texts – Upper CanADa Land Surrenders. Retrieved March 20, 2014 from: <a href="https://www.aadnc-aandc.gc.ca/eng/1370372152585/1370372222012#ucls9">https://www.aadnc-aandc.gc.ca/eng/1370372152585/1370372222012#ucls9</a>

#### **AECOM**

2019 Highway 27-Woodbine Station EA Stage 1 Archaeological Assessment, Part of Lots 26 & 27, Concession 2 FTH, and Lots 26 & 27, Concession 3 FTH, Geographic Township of Etobicoke, York County, now the City of Toronto, Ontario. Report on file with the Ministry of Tourism, Culture and Sport under PIF # P438-0177-2019.

#### A.M. Archaeological Associates (AMAA)

The Stage 1 Archaeological Assessment for the Airport Rail Link Electrification EA, City of Toronto. Report on file with the Ministry of Tourism, Culture and Sport under PIF # P035-181-2012.

#### Archaeological Consultants & Contractors (ACC)

2017 A Stage 1 and 2 Resource Assessment of Part of Lots 27 and 28, Concession 2 FTB, City of Toronto (Formerly the City of Etobicoke), Ontario. Report on file with the Ministry of Tourism, Culture and Sport under PIF # P120-0207-2016.

#### Archaeological Services Inc. (ASI)

- 2008 Stage 1 Archaeological Assessment, Georgetown South Service Expansion and Union Pearson Rail Link.
  Report on file with the Ministry of Tourism, Culture and Sport under PIF # P057-509-2008.
- 2017a Stage 1 Archaeological Assessment of 40 Queens Plate Drive, Part of Lots 27 and 28, Concession 2 FTH, Geographic Township of Etobicoke, York County, City of Toronto, Ontario. Report on file with the Ministry of Tourism, Culture and Sport under PIF # P449-0015-2017.
- 2017b Stage 2 Archaeological Assessment of 40 Queens Plate Drive, Part of Lots 27 and 28, Concession 2 FTH, Geographic Township of Etobicoke, York County, City of Toronto, Ontario. Report on file with the Ministry of Tourism, Culture and Sport under PIF # P449-0032-2017.

#### Boylen, J.C.

1954 *York Township: An Historical Summary 1850-1954.* Toronto: Municipal Corporation of the Township of York and the Board of Education of the Township of York.

#### Chapman, L. J. and D. F. Putnam

1966 *The Physiography of Southern Ontario.* Second edition. Ontario Research Foundation, University of Toronto Press.

#### Deller, DB, and CJ Ellis

1986 Post-glacial Lake Nipissing waterworn assemblages from the Southeastern Huron Basin Area. *In Ontario Archaeology No. 45, P. 39-60.* 

#### Duric, D.

2017 The Toronto Purchase Treaty No. 13 (1805). Treaty Lands and Territory: Mississaugas of the New Credit First Nation. Accessed Online: http://mncfn.ca/torontopurchase/

#### Ellis, C.J., J.A. Fisher and D.B. Deller

1988 Four Meadowood Phase Lithic Artifact Assemblages from Caradoc and Delaware Townships, Southwestern Ontario. *Kewa* 88(8):3-20.

#### Ellis, Chris J., Ian T. Kenyon and Michael W. Spence

1990 The Archaic. In *The Archaeology of Southern Ontario to AD 1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, OAS Number 5.

#### Ellis, Chris J. and D. Brian Deller

1990 Paleo-Indians. In *The Archaeology of Southern Ontario to* AD *1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, OAS Number 5.

#### Ellis, Christopher J. and Neal Ferris (editors)

1990 *The Archaeology of Southern Ontario to* AD *1650*, Eds. Christopher Ellis and Neal Ferris, Occasional Publication of the London Chapter, Ontario Archaeological Society, Number 5.

#### **Etobicoke Historical Society**

2015 A Brief History of Etobicoke: From Township to Amalgamation
http://www.etobicokehistorical.com/a-history-of-etobicoke-from-township-to-amalgamation.html

#### Feest, Johanna E. and Christian F. Feest

1978 In *Handbook of North American Indians*. Vol.15 Northeast, pp.772-786. B.G. Trigger, Ed. Washington: Smithsonian Institute.

#### Ferris, Neal

2009 The Archaeology of Native-lived Colonialism: Challenging History in the Great Lakes. University of Arizona Press, Tucson.

#### Filey, M

1993 Off to the Races. Toronto Sketches 3: The Way We Were. Toronto: Dundurn Press, 1993. p. 134.

#### Fisher, Jaqueline A.

1997 The Adder Orchard Site: Lithic Technology and Spatial Organization in the BroADpoint Late Archaic.
Occasional Publications of the London Chapter, OAS, Number 3.

#### Fox, William A.

1990 The Middle to Late Woodland Transition. In *The Archaeology of Southern Ontario to AD 1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, Ontario Archaeological Society, Number 5.

#### Granger, Joseph E. Jr.

1978 Meadowood Phase Settlement Pattern in the Niagara Frontier Region of Western New York State. Anthropological Papers No. 65, Museum of Anthropology, University of Michigan, Ann Arbor.

#### Heidenriech, Conrad E.

History of the St. Lawrence - Great Lakes Area to AD 1650. In *The Archaeology of Southern Ontario to* AD 1650, Eds. Christopher Ellis and Neal Ferris, Occasional Publication of the London Chapter, Ontario Archaeological Society, Number 5.

#### Karrow, P.F. and B.G Warner

The Geological and Biological Environment for Human Occupation in Southern Ontario. In *The Archaeology of Southern Ontario to AD 1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, OAS Number 5.

#### Konrad, Victor

An Iroquois Frontier: the North Shore of Lake Ontario during the Late Seventeenth Century. *Journal of Historical Geography* 7(2).

#### Migizi, G. and Kapyrka, J.

2015 Before, During, and After: Mississauga Presence in the Kawarthas. In *Peterborough Archaeology*, Dirk Verhulst, editor, pp.127-136. Peterborough, Ontario: Peterborough Chapter of the Ontario Archaeological Society.

#### Miles. & Co.

1878 Illustrated Historical Atlas of the County of York. Toronto: Historical Atlas Publishing Co.

#### Morris, J.L.

1943 Indians of Ontario. 1964 reprint. Department of Lands and Forests, Toronto

#### Murphy, Carl and Neal Ferris

1990 The Late Woodland Western Basin Tradition of Southwestern Ontario. In *The Archaeology of Southern Ontario to AD 1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, OAS Number 5.

#### Ontario Government

- 1990a Environmental Assessment Act. R.S.O. 1990, CHAPTER E.18, Last amendment: 2010, c.16, Sched. 7, s. 1. https://www.energy.gov/sites/prod/files/2015/06/f22/EAA1990.pdf.
- 1990b Ontario Heritage Act. R.S.O. 1990, CHAPTER O.18, Last amendment: 2009, c. 33, Sched. 11, s. 6. Electronic document: http://www.e-laws.gov.on.ca/html/statutes/english/elaws\_statutes\_90o18\_e.htm. Last assessed July 2014.
- 2011 Standards and Guidelines for Consultant Archaeologists. Ministry of Tourism, Culture and Sport.
- n.d Archaeological Sites Database (ASDB). Ministry of Tourism, Culture and Sport.

#### Schmalz, Peter S.

1991 The Ojibwa of Southern Ontario. University of Toronto Press.

#### Spence, Michael W., Robert H. Pihl and Carl R. Murphy

1990 Cultural Complexes of the Early and Middle Woodland Periods. In *The Archaeology of Southern Ontario to* AD *1650*, eds. Chris J. Ellis and Neal Ferris. Occasional Publication of the London Chapter, OAS Number 5.

#### Surtees, Robert

1994 Land Cessions, 1763-1830. In Aboriginal Ontario Historical Perspectives on the First Nations, Edward S. Rogers and Donald B. Smith editors. Ontario Historical Studies Series, Dundurn Press.

Tremaine, George R.

1860 Tremaine's Map of the County of York, Canada West. Toronto: George C. Tremaine, publisher.

Woodbine Entertainment Group (WEG)

2019 Property Development. Accessed Online: https://woodbine.com/corporate/property-development/

Wright, James V.

Before European Contact. In *Aboriginal Ontario: Historic Perspectives on the First Nations*. Eds. Edward S. Rogers and Donald B. Smith. Ontario Historical Studies Series, Dundurn Press, Toronto.

# 8. Images



Photo 2: Typical intact test pit



Photo 3: Existing conditions of disturbed area, facing south



Photo 4: Area of previous disturbance consisting of drainage infrastructure, facing east

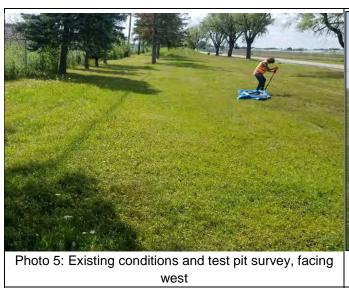




Photo 6: Test pit survey at 10 m intervals to confirm disturbance, facing southwest



Photo 7: Typical mottled test pit demonstrating disturbance



Photo 8: Overview of study area demonstrating disturbance, facing



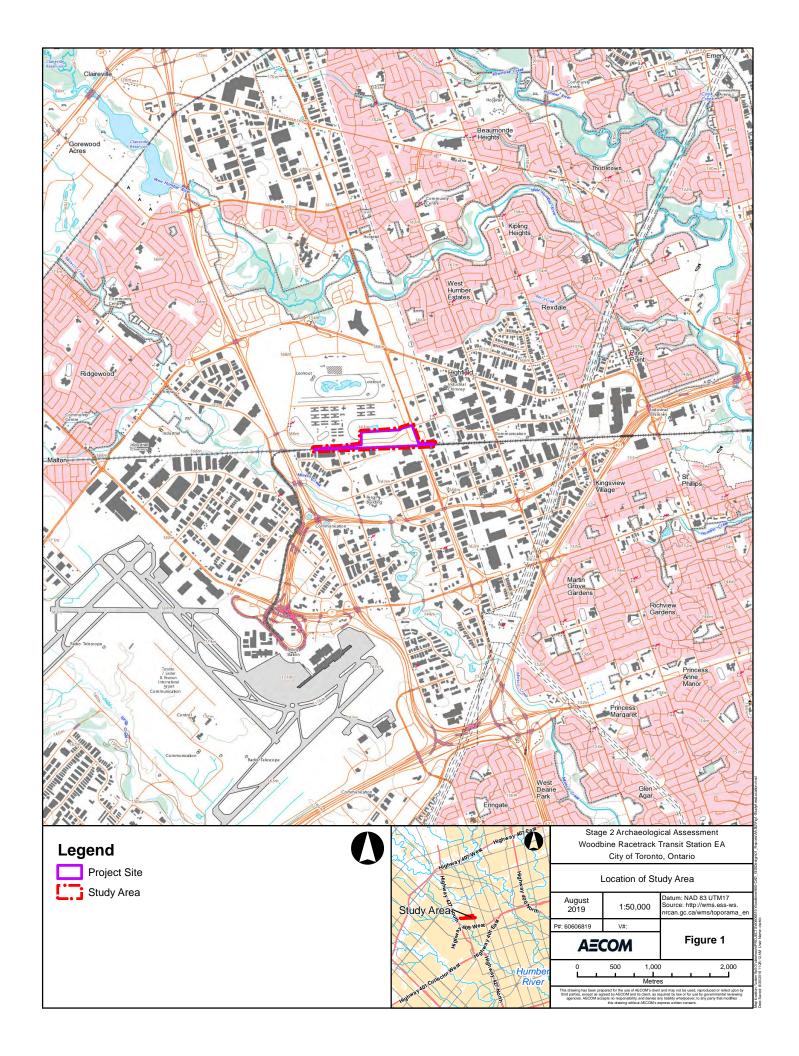
Photo 9: Typical disturbed test pit containing concrete



Photo 10: Test pit survey at 10 m intervals, facing south

# 9. Figures

All figures pertaining to the Stage 2 archaeological assessment for the Project, located at 555 Rexdale Boulevard in the City of Toronto, Ontario are provided on the following pages.





Project Site
Study Area



City of Toronto, Ontario

Study Area in Detail

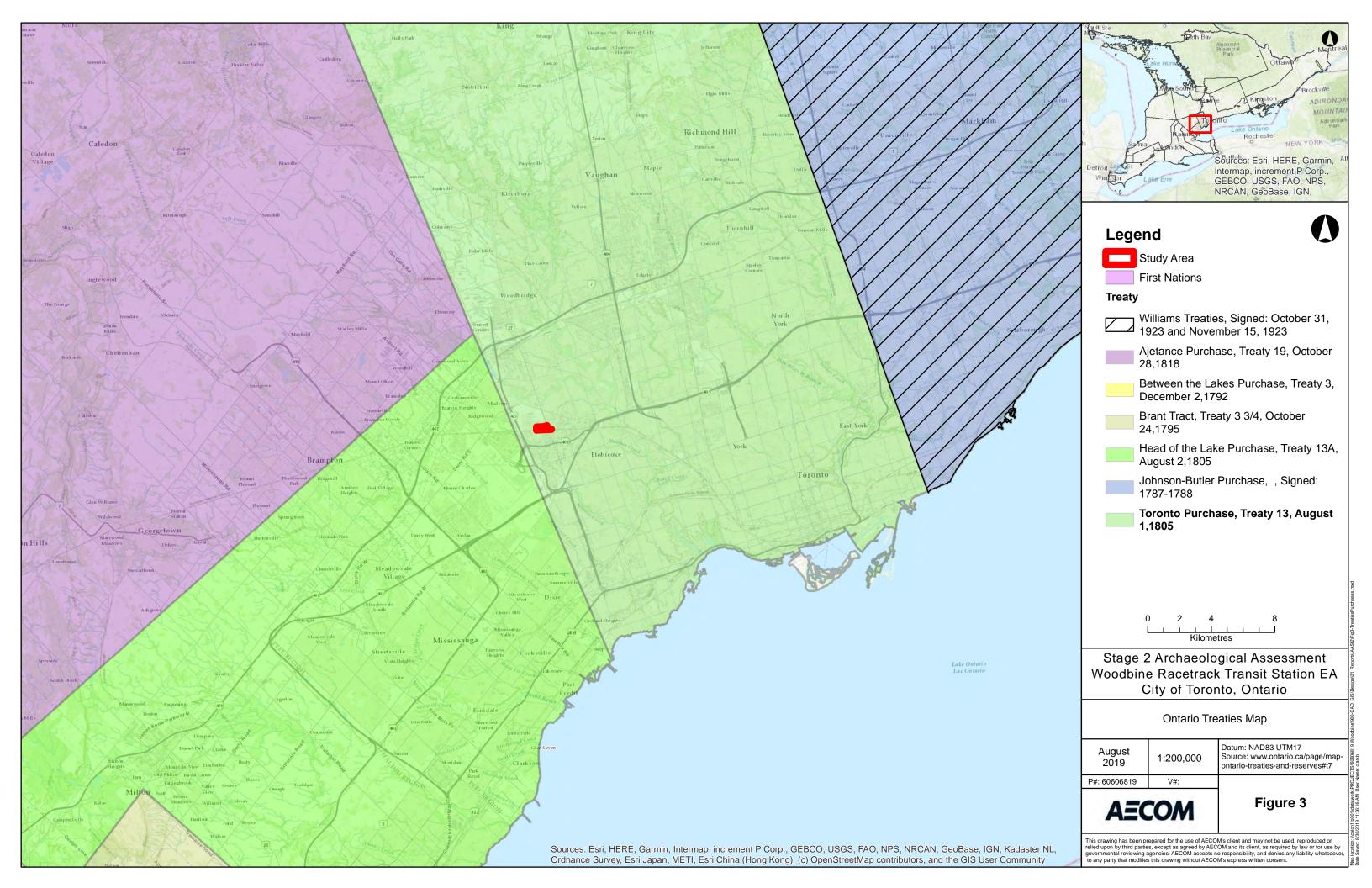
August 2019 1:4,000

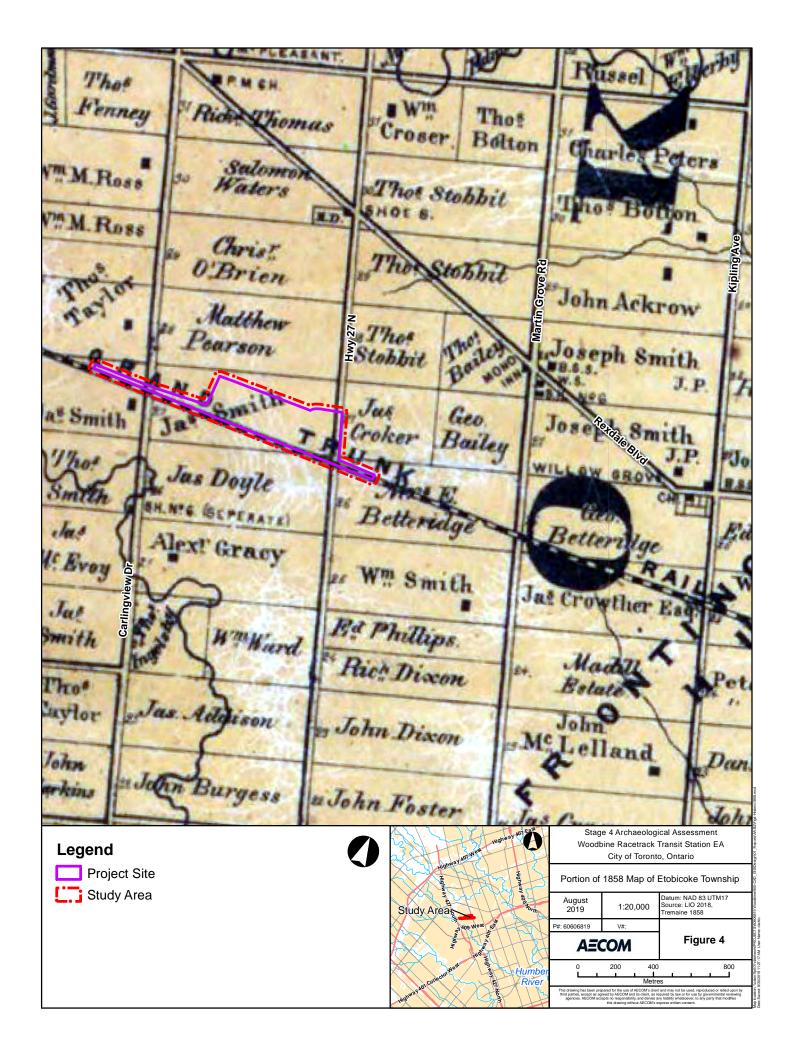
Datum: NAD83 UTM 17 Source: LIO 2018

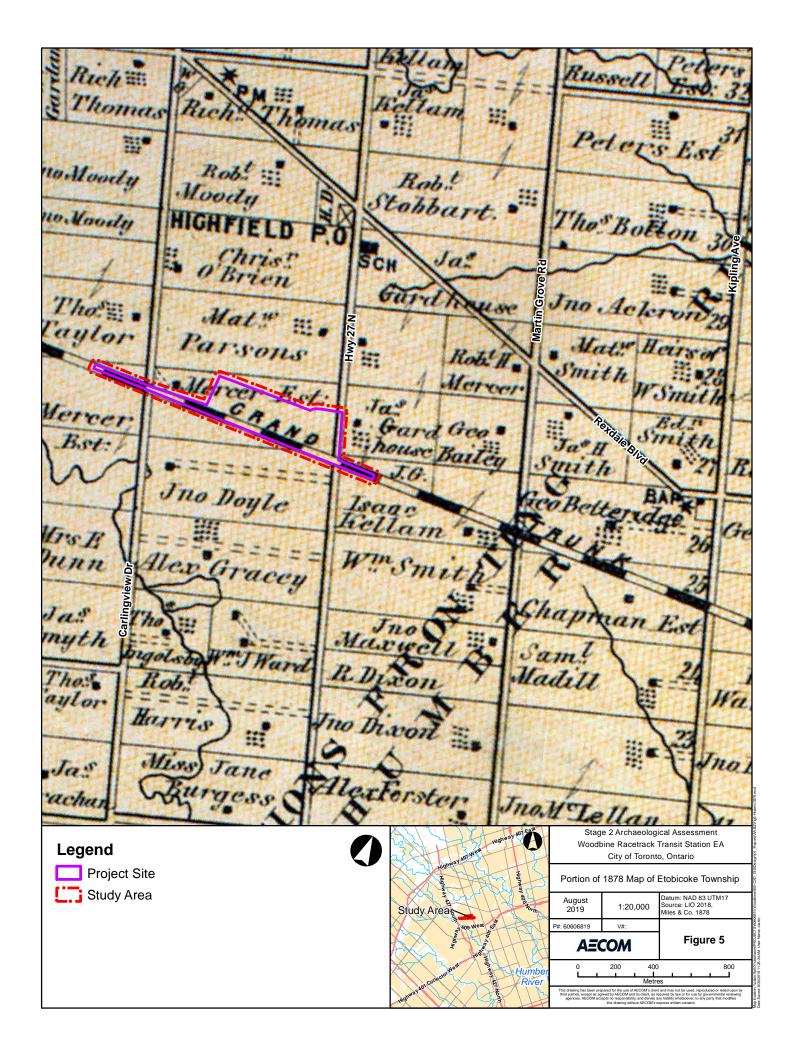
**AECOM** 

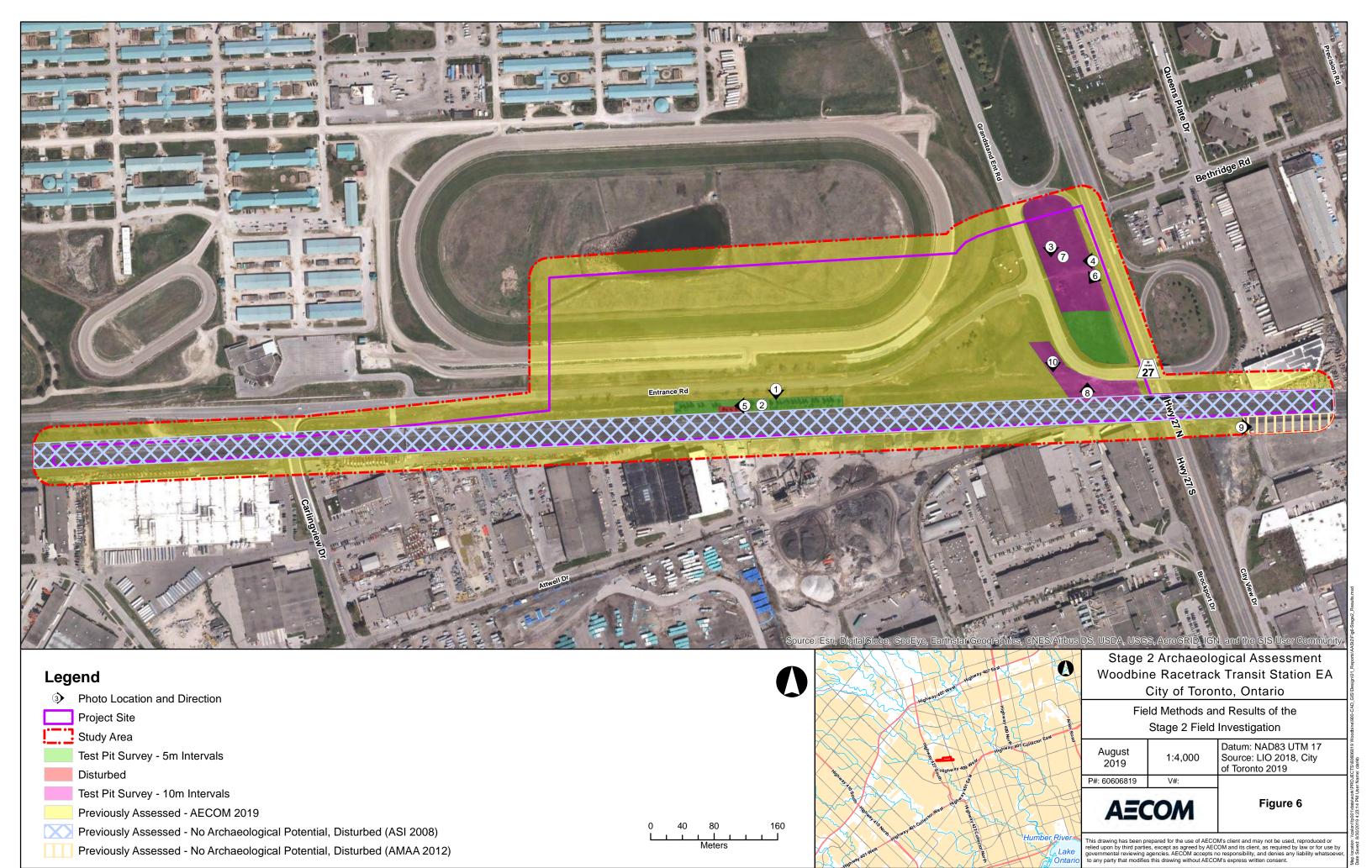
Figure 2

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever to any party that modifies this drawing without AECOM's express written consent.









#### **About AECOM**

AECOM (NYSE: ACM) is built to deliver a better world. We design, build, finance and operate infrastructure assets for governments, businesses and organizations in more than 150 countries.

As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges.

From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated and vital. A Fortune 500 firm, AECOM companies had revenue of approximately US\$19 billion during the 12 months ended June 30, 2015.

See how we deliver what others can only imagine at aecom.com and @AECOM.

Contact Adria Grant Manager, Cultural Resources T +519-963-5861 E adria.grant@aecom.com