

**Ministry of Heritage, Sport, Tourism, Culture
Industries**

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**Ministère des Industries du patrimoine, du sport, du
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Jun 17, 2020

Kassandra Aldridge (P439)
Archeoworks Inc.
1029 - 16715-12 Yonge Newmarket ON L3X 1X4

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment for the Cawthra Road Improvements from Queen Elizabeth Way to Eastgate Parkway Municipal Class Environmental Assessment Within the Geographic Township of Toronto Former County of Peel Now the City of Mississauga Regional Municipality of Peel Ontario", Dated Apr 28, 2020, Filed with MTCS Toronto Office on Apr 29, 2020, MTCS Project Information Form Number P439-0041-2018, MTCS File Number 0005493

Dear Miss Aldridge:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18.¹ This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 *Standards and Guidelines for Consultant Archaeologists* set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the Stage 1 assessment of the study area as depicted in Map 13 to 33 of the above titled report and recommends the following:

1. Should proposed construction impacts occur within the swath of land bounded between the Dixie Union Chapel & Cemetery property fenceline and the Cawthra Road underpass retaining wall, the following archaeological/cemetery investigations are required:

a) As there is the potential for the cemetery to extend into the study corridor, an Investigation Authorization issued by the Bereavement Authority of Ontario is required prior to conducting any soil-intrusive work (e.g., Stage 2/3/4 investigations; construction monitoring).

b) As there is the potential to encounter both deeply buried archaeological resources and for archaeological

resources to be present near the surface, per Section 2.1.7, Standard 2 of the 2011 S&G, surface survey methods (Stage 2 test pit survey) must occur within the grassed margin adjacent to the cemetery prior to mechanical excavation.

c) Following the completion of the Stage 2 AA, per Section 2.2, Guideline 4 and Section 3.3.3, Standard 2 of the 2011 S&G and in accordance with the Registrar's Directive: Archaeological Assessments & Investigations on Cemetery Lands (dated April 11, 2018) and the Registrar's Directive: Authorization of Archaeological Assessments & Investigations on Cemetery Lands (dated March 1, 2019), a Stage 3 investigation is required. Pending the results of the Stage 2AA, the recommendations for the Stage 3 are as follows:

i) If no archaeological resources specifically tied to the Dixie Union Chapel & Cemetery are encountered during Stage 2 activities, Stage 3 investigation to proceed directly to mechanical topsoil removal following the length of the grassed margin adjacent to the cemetery. Mechanical excavation must employ a flat-edged bucket. Unless human remains are encountered, mechanical stripping of topsoil is to reach sterile subsoil depths.

ii) If archaeological resources tied to the Dixie Union Chapel & Cemetery are encountered, the excavation of a series of one metre by one metre test units in a five-metre grid across the site within the established grid must be pursued, in accordance with the methodology outlined in Section 3.2.3, Table 3.1, Standard 1 of the 2011 S&G (MHSTCI, 2011), in order to gather larger sample of artifacts and determine the nature and extent of the cultural deposit. Furthermore, additional test units, amounting to 20% of the grid unit total, need to be excavated, focusing on areas of interest within the site extent (Section 3.2.3, Table 3.1, Standard 2 of the 2011 S&G). Should it become evident during the Stage 3 AA that the site will result in a recommendation for Stage 4 mitigation of development impacts, the Stage 3 strategy may be amended as per the 2011 S&G.

d) Should archaeological resources be uncovered during the Stage 2 AA or Stage 3 AA, the remaining balance of the grassed margin adjacent to the cemetery that falls within the deeply disturbed portion of the study area will require construction monitoring per Section 2.1.7 of the 2011 S&G.

2. Should proposed construction impacts occur within ten metres of the current Mount Peace Roman Catholic Cemetery property limit, the following is required:

a) As there is the potential for the cemetery to extend into the study corridor, an Investigation Authorization issued by the Bereavement Authority of Ontario is required prior to conducting any soil-intrusive work (e.g., Stage 2/3/4 investigations; construction monitoring).

b) In the grassed areas abutting the cemetery fence to the northwest and southeast:

i) As there is the potential to encounter both deeply buried archaeological resources and for archaeological resources to be present near the surface, per Section 2.1.7, Standard 2 of the 2011 S&G, surface survey methods (Stage 2 test pit survey) must occur within the grassed margin adjacent to the cemetery prior to mechanical excavation.

ii) Following the completion of the Stage 2 AA, per Section 2.2, Guideline 4 and per Section 3.3.3, Standard 2 of the 2011 S&G and in accordance with the Registrar's Directive: Archaeological Assessments & Investigations on Cemetery Lands (dated April 11, 2018) and the Registrar's Directive: Authorization of Archaeological Assessments & Investigations on Cemetery Lands (dated March 1, 2019), a Stage 3 investigation consisting of mechanical topsoil removal following the length of the grassed margin adjacent to the cemetery will need to be undertaken. Mechanical excavation must employ a flat-edged bucket. Unless human remains are encountered, mechanical stripping of topsoil is to reach sterile subsoil depths.

c) Within the previously disturbed strip of Cawthra Road ROW immediately fronting the cemetery fenceline, due to the disturbed nature of the area, archaeological assessment is not feasible. Therefore, construction

monitoring by a licensed archaeologist during development impacts must be completed.

3. Prior to any development impacts, grassed frontages with no apparent signs of extensive sub-surface disturbance must be subjected to a Stage 2 test pit survey, as per Section 2.1.2 of the 2011 S&G.

4. All other portions of the study corridor, which have been previously assessed, or determined to retain low or no archaeological potential — including lands which formed part of the old Cherry Hill House grounds at the northwest corner of Dundas Street and Cawthra Road — are of no further archaeological concern, as per Section 1.3.2 and Section 1.4.1, Standard 1.f. of the 2011 S&G. No further work is recommended for these areas.

5. Should construction activities associated with this road improvement project, including construction laydown areas, extend beyond the assessed limits of the study corridor, further archaeological investigation will be required prior to construction activities in order to minimize impacts to cultural heritage resources.

No construction activities shall take place within the study corridor prior to the MHSTCI (Archaeology Program Unit) confirming in writing that all archaeological licensing and technical review requirements have been satisfied.

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 *Standards and Guidelines for Consultant Archaeologists* and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Shari Prowse
Archaeology Review Officer

cc. Archaeology Licensing Officer
Allan Ortlieb, IBI GROUP
Sonya Bubas, Peel Region

¹ *In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.*