

# **APPENDIX 15-VIII**

## **Stage 2 Archaeological Assessment: East-West Tie Transmission Line**

**Ministry of Tourism, Culture and Sport**

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**Ministère du Tourisme, de la Culture et du Sport**

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Apr 25, 2018

Paige Glenen (P1084)  
 Stantec Consulting  
 400 - 1331 Clyde Ottawa ON K2C 3G4

**RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 2 Archaeological Assessment: East-West Tie Transmission Line, Various Location, Districts of Thunder Bay and Algoma, Ontario", Dated Mar 13, 2018, Filed with MTCS Toronto Office on Mar 20, 2018, MTCS Project Information Form Number P1084-0037-2017, MTCS File Number 0000351**

Dear Ms. Glenen:

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.<sup>1</sup> 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 assessment of the study area as depicted in Figures 7.1 to 7.85 of the above titled report and recommends the following:

The Stage 2 archaeological assessment of the study area identified one new archaeological location, Location 1 (Delo-7).

#### 5.1 LOCATION 1 (Delo-7)

The artifact assemblage from Location 1 (Delo-7) contains 16 artifacts that date to the early to mid-20th century. In accordance with Section 2.2 Standard 1d of the 2011 Standards and Guidelines (Government of Ontario 2011), Location 1 (Delo-7) retains further cultural heritage value or interest and meets the criteria for a Stage 3 archaeological assessment. Therefore, a Stage 3 archaeological assessment is recommended for Location 1 (Delo-7).

The Stage 3 archaeological assessment of Location 1 (Delo-7) will be conducted according to the procedures outlined in the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011). The Stage 3 archaeological assessment will include the relocation of the site and then the excavation of Stage 3 test units by hand every five metres in systematic levels and into the first five centimetres of subsoil. No controlled surface pickup is required since the site was not discovered in a ploughed agricultural field or in an area accessible for ploughing. Additional one-metre test

units, amounting to 20% of the grid total, will be placed in areas of interest within the site extent. All excavated soil will be screened through six millimetre mesh; any artifacts being recovered will be recorded and catalogued by the corresponding grid unit designation. If a subsurface cultural feature is encountered, the plan of the exposed feature will be recorded and geotextile fabric will be placed over the unit before backfilling the unit.

The Stage 3 archaeological assessment of Location 1 (Delo-7) will also include additional site specific archival research, in order to supplement previous background study concerning land use and occupation history. This additional research should include, but is not limited to, land registry documents, census records, and historical settlement maps.

## 5.2 ADDITIONAL RECOMMENDATIONS

In addition to the site-specific Stage 3 recommendations noted above, portions of the study area for the Project have not been subject to Stage 2 archaeological assessment. Therefore, a Stage 2 archaeological assessment is required for the portions of the study area which have not been subject to Stage 2 assessment. Further, if any additional lands outside of the current study area are to be impacted by construction of the Project or any future development, further Stage 1 and Stage 2 archaeological assessment will be required.

The objective of further Stage 2 archaeological assessment will be to document archaeological resources within the applicable lands and to determine whether these archaeological resources require further assessment. The Stage 2 archaeological assessment will consist of test pit survey as applicable for the environmental context. Areas to be subjected to test pit survey that are within woodlots, scrubland, residential lawn, or areas that cannot be ploughed will be assessed according to Section 2.1.2 and Section 2.1.5 of the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011). If during the course of the Stage 2 field work the archaeological field team judges any lands to be low and wet, steeply sloped, or disturbed, those areas will not require assessment, but will be photographically documented instead in accordance with Section 2.1 of the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011).

Aside from Location 1 (Delo-7) noted above, no other archaeological resources were identified during the Stage 2 survey of the study area. Thus, in accordance with Section 2.2 and Section 7.8.4 Standard 3 of the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011), for portions of the study area which were included in the current assessment, no further archaeological assessment of the study area is required.

The MTCS is asked to review the results presented and to accept this report into the Ontario Public Register of Archaeological Reports. Additional archaeological assessment is required; hence the study area remains subject to Section 48(1) of the Ontario Heritage Act (Government of Ontario 1990b) and may not be altered, or have artifacts removed from it, except by a person holding an archaeological licence.

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,

Paige Campbell  
Archaeology Review Officer

cc. Archaeology Licensing Officer  
Corinne Miller, NextBridge Infrastructure LP  
Anotonia Testa, Ministry of the Environment

<sup>1</sup>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.



**Stage 2 Archaeological  
Assessment: East-West Tie  
Transmission Line**

Various Locations,  
Districts of Thunder Bay and Algoma,  
Ontario

March 13, 2018

Prepared for:

NextBridge Infrastructure LP  
390 Bay Street, Suite 1720  
Toronto, ON M5H 2Y2

Prepared by:

Stantec Consulting Ltd.  
400-1331 Clyde Ave  
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Licensee: Paige Glenen, M.Sc.  
License Number: P1084  
PIF Number: P1084-0037-2017  
MTCS File Number: 0000351  
Project Number: 160940444

**ORIGINAL REPORT**

## Executive Summary

Stantec Consulting Ltd. (Stantec) was retained by NextBridge Infrastructure LP (NextBridge) to complete a Stage 2 archaeological assessment for areas identified in the archaeological potential modelling of the proposed East-West Transmission Line (the Project). The Project is comprised of an approximately 450 kilometre long linear right-of-way, with a typical width of 64 metres, connecting the Lakehead Transformer Station (TS) to the Wawa TS (with a connection at the Marathon TS). The Project also includes associated permanent and temporary access roads, storage yards, laydown yards, construction camps, and construction easements.

The Stage 2 archaeological assessment was completed under Project Information Form Number P1084-0037-2017. The Stage 2 archaeological assessment for the Project resulted in the identification of one archaeological location, Location 1 (Delo-7). The artifact assemblage from Location 1 (Delo-7) contains 16 artifacts that date to the early to mid-20<sup>th</sup> century. In accordance with Section 2.2 Standard 1d of the 2011 *Standards and Guidelines* (Government of Ontario 2011), Location 1 (Delo-7) retains cultural heritage value or interest and meets the criteria for a Stage 3 archaeological assessment. Therefore, **a Stage 3 archaeological assessment is recommended for Location 1 (Delo-7).**

The Stage 3 archaeological assessment of Location 1 (Delo-7) will be conducted according to the procedures outlined in the MTCS' 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). The Stage 3 archaeological assessment will include the relocation of the site and then the excavation of Stage 3 test units by hand every five metres in systematic levels and into the first five centimetres of subsoil. No controlled surface pickup is required since the site was not discovered in a ploughed agricultural field or in an area accessible for ploughing. Additional one-metre test units, amounting to 20% of the grid total, will be placed in areas of interest within the site extent. All excavated soil will be screened through six millimetre mesh; any artifacts being recovered will be recorded and catalogued by the corresponding grid unit designation. If a subsurface cultural feature is encountered, the plan of the exposed feature will be recorded and geotextile fabric will be placed over the unit before backfilling the unit.

The Stage 3 archaeological assessment of Location 1 (Delo-7) will also include additional site specific archival research, in order to supplement previous background study concerning land use and occupation history. This additional research should include, but is not limited to, land registry documents, census records, and historical settlement maps.

In addition to the site-specific Stage 3 recommendations noted above, small portions of the study area for the Project have yet to be subject to Stage 2 archaeological assessment, primarily due to access restrictions. Therefore, Stage 2 archaeological assessment is required for those portions of the study area which have not been subject to Stage 2 assessment. Further, if any additional lands outside of the current study area are to be impacted by construction of the Project or any future development, further Stage 1 and Stage 2 archaeological assessment will be required.

The objective of further Stage 2 archaeological assessment will be to document archaeological resources within the applicable lands and to determine whether these archaeological resources require further assessment. The Stage 2 archaeological assessment will consist of test pit survey as applicable for the environmental context. Areas to be subjected to test pit survey that are within woodlots, scrubland, residential lawn, or areas that cannot be ploughed will

## STAGE 2 ARCHAEOLOGICAL ASSESSMENT: EAST-WEST TIE TRANSMISSION LINE

be assessed according to Section 2.1.2 and Section 2.1.5 of the MTCS' 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). If during the course of the Stage 2 field work the archaeological field team judges any lands to be low and wet, steeply sloped, or disturbed, those areas will not require assessment, but will be photographically documented instead in accordance with Section 2.1 of the MTCS' 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011).

Aside from Location 1 (Delo-7) noted above, no other archaeological resources were identified during the Stage 2 survey of the study area reported on herein. Thus, in accordance with Section 2.2 and Section 7.8.4 Standard 3 of the MTCS' 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011), for portions of the study area which were included in the current assessment, no further archaeological assessment of the study area is required.

The MTCS is asked to review the results presented and to accept this report into the *Ontario Public Register of Archaeological Reports*. Additional archaeological assessment is required; hence the study area remains subject to Section 48(1) of the *Ontario Heritage Act* (Government of Ontario 1990b) and may not be altered, or have artifacts removed from it, except by a person holding an archaeological licence.