Cultural Resources Desktop Review

Indiana Enterprise Center
St. Joseph County, Indiana

September 11, 2018

Prepared for:

Project #1804002

Orbis Environmental Consulting
P.O. Box 10235 • South Bend, Indiana 46680
Phone: (574) 635-1338

www.orbisec.com
Where applicable, the use of this form is recommended but not required by the Division of Historic Preservation and Archaeology.

Author: Alycia Giedd and James Heimlich

Date (month, day, year): September 11, 2018

Project Title: Cultural Desktop Review for the Indiana Enterprise Center Project Located in St. Joseph County, Indiana.

**PROJECT OVERVIEW**

Project Description: The project involves due diligence review of multiple parcels under Certified Site programs for the State of Indiana, American Electric Power (AEP), and CSX Railroad. The project area totals approximately 1,100 acres (Figures 1 and 2).

INDOT Designation Number/ Contract Number:  
Project Number:  
DHPA Number:  
Approved DHPA Plan Number:  
Prepared For: Christopher B. Burke Engineering, LLC.
Contact Person: Jason J. Durr
Address: 220 West Colfax Ave, Suite 500
City: South Bend  
State: IN  
ZIP Code: 46601
Telephone Number: (573) 282-8001  
Email Address: jduff@cbbei-in.com
Principal Investigator: Alycia Giedd
Signature:  
Company/Institution: Orbis Environmental Consulting
Address: P.O. Box 10235
City: South Bend  
State: IN  
ZIP Code: 46680
Telephone Number: (574) 635-1338  
Email Address: agiedd@orbisec.com
PROJECT LOCATION

County: St. Joseph

USGS 7.5' series Topographic Quadrangle: Lydick, IND

Civil Township: Olive

Legal Location:

- 1/4, 1/4, 1/4, NW 1/4, Section: 1, Township: 37N, Range: 1W
- 1/4, 1/4, SE 1/4, NE 1/4, Section: 1, Township: 37N, Range: 1W
- 1/4, 1/4, 1/4, SW 1/4, Section: 1, Township: 37N, Range: 1W
- W 1/4, 1/4, 1/4, SE 1/4, Section: 1, Township: 37N, Range: 1W

Topographic Map Datum: NAD 1983 Grid Alignment: SW

Comments: See Attachment A for additional legal location information.

Property Owner: Multiple

PROJECT AREA DETAILS

Length meters: Width meters:

feet: feet: Width meters:

hectares: 445 acres: 1,100

Natural Region: Valparaiso Moraine Section

Topography: Upland Flats and Floodplains

Soil Association:

- Elston-Coupee
- Sparta-Maumee-Gilford
- Houghton-Carlisle-Adrian

Soils:

See Attachment B.

Drainage: Niespodziany Ditch

Current Land Use: Agricultural Fields and Woodlots

Comments: The project area consists of multiple parcels.

RECORDS REVIEW (check all that apply) Date of Records Check (month, day, year): August 23, 2018

- SHAARD database
- Site Maps on file at DHPA

Previously Reported Sites within One Mile of the Project (include citations):

There are 24 known archaeological sites located within a one-mile radius of the project area. See Table 1 for results.

- Cultural Resource Management reports, other research reports, grant reports on file at DHPA or other institutions
### Previous Archaeological Studies within One Mile of the Project (include citations):

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Institution</th>
</tr>
</thead>
</table>

### List other institutions:
- Cemetery Records

**Results:**

There are no cemeteries listed in the Indiana Building, Bridges, and Cemeteries Map [IBBCM] database within or near the proposed project area (IBBCM 2018).

- McGregor Industrial Site records (in applicable counties)

**Results:**

- County Interim Report

**Results:**

There are no historic properties in the proposed project area (IBBCM 2018). There are three historic properties adjacent to the proposed project area (IBBCM 2018).

Studebaker Proving Grounds, Indiana Historic Sites and Structures Inventory (IHSSI) 141-372-62032, is listed as an outstanding, 1926 commercial style building.

Studebaker Clubhouse and Tree Sign Historic District, IHSSI 141-372-62031, National Register # NR-0720, is listed as an outstanding, 1926, 1938 colonial revival building.

Bridge Number S583, IHSSI 141-372-62043, is a contributing, 1935 structure.

- Historic Maps

**Results:**

The 1875 historic map shows three structures and one school house in the proposed project area (Figure 3) (Higgins 1875). The 1876 historic map shows one school house in the proposed project area (Figure 4) (Indiana Historical Society 1968). The 1895 historic map shows seven structures, and one school house in the proposed project area (Figure 5a and 5b) (Ogle Co. 1895). The 1911 historic map shows ten structures and one school house in the proposed project area (Figure 6) (Ogle Co. 1911).
Known Cultural Manifestations and/or Additional Information:

Cultural manifestations near the project area reflect the general cultural sequence of northern Indiana from Paleoindian through historic American. Within St. Joseph County, based on the SHAARD, there are: 3 Paleoindian; 16 Early Archaic; 5 Middle Archaic; 17 Late Archaic; 1 Terminal Late Archaic; 0 Late Archaic/Early Woodland; 6 Early Woodland; 15 Middle Woodland; 14 Late Woodland; 5 Late Woodland/Mississippian; 1 Mississippian; 1 Protohistoric; 197 Unidentified Prehistoric; and 125 Historic sites.

FIELD INVESTIGATION: (check all that apply) Field Investigation Dates (month, day, year):

Field Supervisor:

Field Crew:

Surface Visibility:

Factors Affecting Visibility:

Visual Walkover Pedestrian Survey Shovel Test Screened Mesh Size

Interval 5 m 10 m 15 m Other (describe below)

Number of Shovel Test Units Excavated:

Describe Methods:

Attach photographs documenting disturbances below

Describe Disturbances:

Comments:

Results

Archaeological records check has determined that the project area does not have the potential to contain archaeological resources.

Archaeological records check has determined that the project area has the potential to contain archaeological resources.

Phase Ia reconnaissance has located no archaeological resources in the project area.

Phase Ia reconnaissance has identified landforms conducive to buried archaeological deposits.

Actual Area Surveyed hectares: acres:

Available records show 24 archaeological sites within one mile of the project area.

Records also show three historic properties adjacent to the project area. Multiple historic maps show numerous structures in the project area.

Recommendation

The archaeological records check has determined that the project area has the potential to contain archaeological resources and a Phase Ia archaeological reconnaissance is recommended.

The archaeological records check has determined that the project area does not have the potential to contain archaeological resources and no further work is recommended before the project is allowed to proceed.

The Phase Ia archaeological reconnaissance has located no archaeological sites within the project area and it is recommended that the project be allowed to proceed as planned.
The Phase Ia archaeological reconnaissance has determined that the project area includes landforms which have the potential to contain buried archaeological deposits. It is recommended that Phase Ic archaeological subsurface reconnaissance be conducted before the project is allowed to proceed.

The Phase Ia archaeological reconnaissance has determined that the project area is within 100 feet of a cemetery and a Cemetery Development Plan is required per IC-14-21-1-26.5.

Cemetery Name:  

While available records do not show any known archaeological sites within the project area, the project area itself has not been surveyed. Based on the cultural context of the region, unidentified archaeological sites are likely present in the project area.

These sites may include prehistoric sites of various types ranging from isolated artifacts to larger sites associated with occupation or resource use. Historic period sites may also be present. These may include isolated artifacts, dump sites, or sites associated with rural homes and farms. In particular, archaeological resources are likely to occur in association with structures shown on the historic atlas maps, such as the school house regardless if the structure currently remains standing.

As such we recommend Phase Ia field reconnaissance to determine the presence and nature of archaeological resources that may be located within the project area before construction activities begin.

Pursuant to IC-14-21-1, if any archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and 29) requires that the discovery must be reported to the Department of Natural Resources within two (2) business days. In that event, please call (317) 232-1646.

**Attachments**

- Figure showing project location within Indiana.
- USGS topographic map showing the project area (1:24,000 scale).
- Aerial photograph showing the project area, land use and survey methods.
- Photographs of the project area.
- Project plans (if available)

Other Attachments:

Table 1 - Known archaeological sites within one mile of the project area. Attachment A - additional legal location information; Attachment B - additional soils information.
Bellis, James O.

Geo. A. Ogle

Gilliam, Sue Becher

Glass, James K.

Grob, Kaye and Veronica Parsell

References Cited:

Higgins Belden & Co.

Indiana Buildings, Bridges, and Cemeteries Map
2018 Indiana Buildings, Bridges and Cemeteries Map Database. Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology. Electronic database and GIS, https://indnr.maps.arcgis.com/apps/webappviewer/index.html?id=1593429c17c34942a0d1d3fac03c4a80.

Indiana Historical Society

Schurr, Mark R.

Scooteugazza, Eric P.

Comments: Curation Facility for Project Documentation: Orbis Environmental Consulting, South Bend, Indiana
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</table>
Cultural Resources Desktop Review

Indiana Enterprise Center Project
Saint Joseph County, Indiana
Source: USGS New Carlisle, IN 1958

Legend

- Project Area

Indiana Enterprise Center Project
Christopher B. Burke Engineering, LLC
Saint Joseph County, Indiana

Figure #1
Topographic Map
Project #1804002
Figure 4 - 1968 Maps of Indiana Counties in 1876
(Illustrated Historical Atlas of the State of Indiana)
Cultural Resources Desktop Review

Indiana Enterprise Center Project
Saint Joseph County, Indiana
ATTACHMENT A - LEGAL LOCATION - ADDITIONAL INFORMATION

NW 1/4 Section 6, T37N, R1E;
NW1/4 Section 12, T37N, R1W;
NE1/4 Section 12, T37N, R1W;
SW1/4 Section 12, T37N, R1W;
SE1/4 Section 12, T37N, R1W;
NW1/4 Section 13, T37N, R1W;
NE1/4 Section 1, T37N, R1W;
SW 1/4 Section 7, T37N, R1E;
NW 1/4 Section 18, T37N, R1E.
ATTACHMENT B - PROJECT AREA DETAILS, SOILS – ADDITIONAL INFORMATION

Coupe silt loam, 0 to 1 percent slopes (CrrA)
Tracy sandy loam, 0 to 1 percent slopes (TmpA)
Auten loam, 0 to 1 percent slopes (AxvA)
Rensselaer loam, 0 to 1 percent slopes (ReyA)
Quinn loam, 0 to 1 percent slopes (QuiA)
Rensselaer mucky loam, 0 to 1 percent slopes (RenA)
Maumee mucky loamy fine sand, 0 to 1 percent slopes (MhbA)
Adrian muck, drained, 0 to 1 percent slopes (AbhAN)
Gilford sandy loam, 0 to 2 percent slopes, gravelly subsoil (GczA)
Edwards muck, drained, 0 to 1 percent slopes (EchAN)
Houghton muck, drained, 0 to 1 percent slopes (HtbAN)
Antung muck, drained, 0 to 1 percent slopes (ApuAN)