

Memorandum

To: Jessica Schreyer
Scientist, Archaeology
New York State Office of Parks, Recreation, and Historic Preservation
Division of Historic Preservation

From: Douglas Pippin, PhD, RPA
Senior Project Manager, Archaeology
EDR

Date: June 16, 2022

Reference: **Heritage Wind Project (18PR01833)**
Town of Barre, Orleans County, New York
Supplemental Phase IB Archaeological Survey

On behalf of Heritage Wind, LLC (Applicant), Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. (EDR) has prepared this memorandum as an addendum to the Phase IB archaeological survey report (2020) for the Heritage Wind Project in Orleans County, New York (Project; see Figure 1). At the request of the Applicant, EDR tested additional portions of the Project Area that were not previously subjected to Phase IB testing to accommodate for Project design changes, including three proposed turbine locations, a proposed lay down area, four proposed access roads, and three proposed collection line locations (see Figure 2). The supplemental Phase IB archaeological survey was conducted by EDR in April and May of 2022.

All archaeological services provided by EDR for the Project were conducted under the supervision of a Registered Professional Archaeologist who meets the Secretary of the Interior's Guidelines (per 36 CFR Part 61) for Professional Qualifications in Archaeology. In addition, the work was conducted in accordance with applicable portions of the New York Archaeological Council's (NYAC) 1994 *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State* (the NYAC Standards) and the New York State Historic Preservation Office's (NYSHPO) 2005 *Phase I Archaeological Report Format Requirements* (the NYSHPO Guidelines).

June 16, 2022

SCOPE OF SUPPLEMENTAL PHASE IB ARCHAEOLOGICAL TESTING

In total, EDR conducted an additional Phase IB archaeological survey on approximately 12.76 acres of previously unsurveyed portions of the Project Area (see Figure 3, plates 1-10). This survey effort resulted in 295 shovel tests within 10 survey areas¹ identified as A01 through A10. Survey areas with greater than 70% ground surface visibility were subjected to a systematic pedestrian survey at 2-meter transect intervals, with judgmental shovel testing. Survey areas with less than 70% surface visibility were subjected to systematic shovel testing. Survey areas within a 200-foot buffer of map documented structures (MDS) with less than 70% ground surface visibility were systematically shovel tested at 7.5-meter intervals. Three turbine locations (Survey Areas A02, A03, and A07) underwent systematic shovel testing on a 9x9 grid for a total of 81 shovel tests at a 5-meter interval grid. A summary of the survey areas is presented below in Table 1.

Table 1. Survey Areas Summary

Survey Area	MDS Buffer or Turbine Location	Survey Area Size (acres)
A01	MDS	3.64
A02	Turbine	0.56
A03	Turbine	0.56
A04	MDS	0.46
A05	MDS	0.23
A06	MDS	5.31
A07	Turbine	0.56
A08	MDS	0.96
A09	MDS	0.11
A10	MDS	0.37
	Total	12.76

Archaeological sites identified during the additional Phase IB archaeological survey were evaluated for State/National Register of Historic Places (S/NRHP) eligibility via criteria set forth by the National Park Service (36 CFS 60.4). Archaeological materials older than 50 years of age are considered eligible for S/NRHP listing when they possess integrity of association, feeling, workmanship, setting, materials, design, and location, as well as show association with one or more of four recognized criteria. These criteria include the following (per 36 CFR 60.4; NPS 1990):

- (A) "That are associated with events that have made a significant contribution to the broad patterns of our history"

¹ Survey Area: the general location that was subjected to a survey, measured in acreage.

- (B) "That are associated with the lives of persons significant in our past"
- (C) "That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction"
- (D) "That have yielded, or may be likely to yield, information important in prehistory or history"

RESULTS OF PHASE IB SURVEY BY SURVEY AREA

Survey Area A01

Archaeological Sites Identified: One

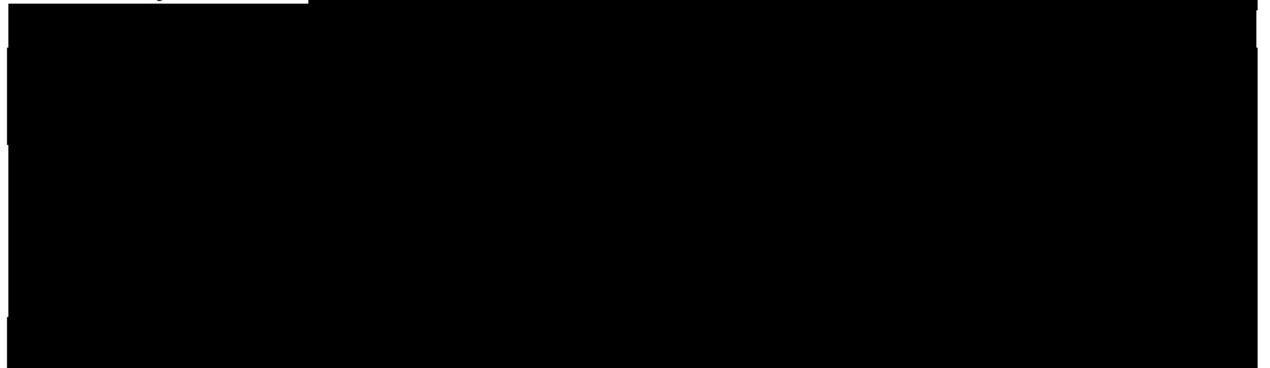
Archaeological Site Name: 16153 – J. Lumm Site

Archaeological Site Summary: Late 19th through early 20th Century Historic Artifact Scatter

Survey Area Size: 3.64-acres

Archaeological Site Area²: 1.64-acres (0.66-hectares; 6,632-square meters)

EDR completed an archaeological survey at Area A01 on April 27, 2022. Weather at the time of survey was overcast with moderate winds and temperatures ranging from 33°- 40° Fahrenheit. Ground surface visibility was visually estimated to range from 70%-80% throughout the survey area. Survey area A01



The site consists of a historic artifact scatter representing historic residential use. A total of 190 artifacts were collected from the surface during the pedestrian reconnaissance, as well as from one judgmental shovel test placed within the site centroid. An additional shovel test completed within the northern boundary of the site yielded no artifacts. No evidence of any archaeological features or remnant structural remains were identified at the site. A summary of artifacts collected is presented in Table 2 below.

Table 2. Artifacts recovered from 16153 – J. Lumm Site in Survey Area A01.

² Archaeological Site Area: the delineated archaeological site.

June 16, 2022

Material	Type	Provenience	Count
Ceramic	Porcelain	STP A.01.001; 0-16cm	1
Ceramic	Porcelain	Surface	18
Ceramic	Ironstone	Surface	13
Ceramic	Stoneware	Surface	13
Ceramic	Whiteware	Surface	46
Ceramic	Yellowware	Surface	1
Ceramic	Terra Cotta	Surface	1
Ceramic	Redware	Surface	3
Ceramic	Drainage/Sewer	Surface	5
Glass	Milk	Surface	19
Glass	Cobalt	Surface	2
Glass	Blue	Surface	1
Glass	Amethyst	Surface	3
Glass	Amber	Surface	3
Glass	Olive	Surface	2
Glass	Green	Surface	3
Glass	Aqua	Surface	9
Glass	Colorless (vessel)	A.01.001; 0-16cm	9
Glass	Colorless (vessel)	Surface	20
Glass	Colorless (flat)	Surface	5
Shell	Shell	Surface	3
Ceramic	Buttons (4-hole)	Surface	2
Copper	Penny (1888)	Surface	1
Copper	Gear (machinery)	Surface	1
Bone	Cut Bone (animal)	Surface	1
Metal (unidentified)	Unidentified Fragment	Surface	1
Lead	Lead Pipe Fragment	Surface	1
Copper	Copper Wire Fragment	Surface	1
Metal (unidentified)	Washer	Surface	1
Fired Clay	Brick Fragment	Surface	1

The highly fragmented assemblage consists of artifacts with broad dates of manufacture ranging from 1820 to the present. An exception is one penny recovered from the site dating to 1888, corresponding with the Beers & Company (1875) Atlas MDS. The site represents a common late-19th through early 20th – century historic period residential scatter comprised primarily of kitchen refuse (ceramic fragments and glass vessel fragments). No evidence of any archaeological features or structural remnants were encountered during survey. As such, the site appears to present minimal research value beyond the assemblage collected.

June 16, 2022

Recommendation: Given the minimal research potential of the site, lack of association with significant events in history, and lack of association with significant individuals in history, EDR recommends that 16153 – J. Lumm Site does not appear eligible for listing on the State/National Register of Historic Places (S/NRHP). EDR recommends no further archaeological investigations at the 16153 – J. Lumm Site. EDR recommends no further archaeological investigations within Survey Area A01.

Survey Area A02

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.56-acres

Archaeological Site Area: N/A

EDR completed an archaeological survey at Area A02 on April 28, 2022. Weather at the time of the survey was overcast with moderate winds and temperatures ranging from 40°- 45° Fahrenheit. Ground surface visibility was visually estimated to range from 40%-50% throughout the survey area. Survey area A02 consists of a proposed turbine area (Turbine 33) approximately 365-meters south of Powerline Road and 1,155-meters southwest of the intersection of Powerline Road and Hindsburg Road (see Figure 2). The surveyed area measures approximately 0.56-acres. No MDS resources were identified within 200-feet of the proposed turbine area. Given the lack of surface visibility, EDR completed systematic shovel testing at 5-meter spaced intervals over the turbine location consisting of 81 shovel tests in total.

Recommendation: No artifacts or archaeological deposits were encountered during shovel testing. EDR recommends no additional archaeological survey within Survey Area A02.

Survey Area A03

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.56-acres

Archaeological Site Area: N/A

EDR completed an archaeological survey at Area A03 on April 29, May 3, and May 4, 2022. Weather during the times of the survey ranged from overcast with scattered rain showers to sun with temperatures ranging from 45°- 65° Fahrenheit. Ground surface visibility was visually estimated to range from 30%-50% throughout the survey area. Survey area A03 consists of a proposed

June 16, 2022

turbine area (Turbine 28) approximately 435-meters south of Powerline Road and 825-meters southeast of the intersection of Powerline Road and East Lee Road (see Figure 3). The surveyed area measures approximately 0.56-acres. No MDS resources were identified within 200-feet of the proposed turbine area. Given the lack of surface visibility, EDR completed systematic shovel testing at 5-meter spaced intervals over the turbine location consisting of 81 shovel tests in total.

Recommendation: No artifacts or archaeological deposits were encountered during shovel testing. EDR recommends no additional archaeological survey within Survey Area A03.

Survey Area A04

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.46-acres

Archaeological Site Area: N/A

EDR completed an archaeological reconnaissance at Area A04 on May 5, 2022. Weather at the time of the survey was sunny with temperatures ranging from 55°- 60° Fahrenheit . Survey Area A04 consists of a proposed access route within a 200-foot buffer of a MDS location depicted on the Beers' (1875) Atlas referenced as the property of N. H. Blodgett (see Figure 4). The proposed access route location was found to follow an existing, leveled/graded and graveled access road on the parcel. EDR did not observe any archaeological resources during the survey. Given the previously disturbed nature of the proposed limits of disturbance for the access road, no subsurface investigations were completed within Area A04.

Recommendation: The previous disturbance associated with construction of the existing access road in the proposed limits of disturbance most likely would have compromised the integrity of any potential archaeological resources in Area A04. EDR recommends no additional archaeological survey within Survey Area A04.

Survey Area A05

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.23-acres

Archaeological Site Area: N/A

June 16, 2022

EDR completed an archaeological reconnaissance at Area A05 on May 5, 2022. Weather at the time of the survey was sunny with temperatures ranging from 55°- 60° Fahrenheit. Survey Area A05 consists of a proposed access route just outside of a 200-foot buffer of a MDS location depicted on the Beers' (1875) Atlas referenced as the property of M. B. Delano (see Figure 5). The proposed access route location was found to follow an existing, leveled/graded and graveled access road on the parcel. EDR did not observe any archaeological resources during the survey. Given the previously disturbed nature of the proposed limits of disturbance for the access drive, no subsurface investigations were completed within Area A05.

Recommendation: The previous disturbance associated with construction of the existing access road in the proposed limits of disturbance most likely would have compromised the integrity of any potential archaeological resources in Area A05. EDR recommends no additional archaeological survey within Survey Area A05.

Survey Area A06

Archaeological Sites Identified: One

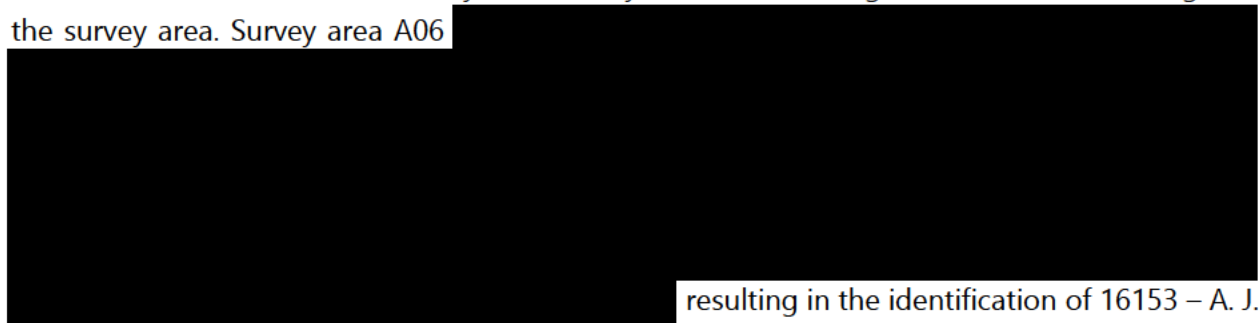
Archaeological Site Name: 16153 – A. J. Foster Site

Archaeological Site Summary: Late 19th through early 20th Century Historic Artifact Scatter

Survey Area Size: 5.31-acres

Archaeological Site Area: 3.13-acres (1.27-hectares; 12,666.67-square meters)

EDR completed an archaeological survey at Area A06 on May 2nd and May 4th, 2022. Weather at the time of the survey was overcast with moderate winds and temperatures ranging from 55°- 65° Fahrenheit. Ground surface visibility was visually estimated to range from 60%-80% throughout the survey area. Survey area A06



resulting in the identification of 16153 – A. J. Foster Site. The site consists of a historic artifact scatter representing historic residential use. A total of 102 artifacts were collected from the surface during pedestrian reconnaissance, as well as from 10 of the 19 shovel tests completed within the proposed collection line areas. No evidence of any archaeological features or remnant structural remains were identified at the site. A summary of artifacts collected is presented in Table 3 below.

June 16, 2022

Table 3. Artifacts recovered from 16153 – A. J. Foster Site in Survey Area A06.

Material	Type	Provenience	Count
Ceramic	Porcelain	Surface	5
Ceramic	Ironstone	Surface	2
Ceramic	Stoneware	Surface	3
Ceramic	Whiteware	A06.005; 0-16cm	2
Ceramic	Whiteware	A06.011; 0-15cm	1
Ceramic	Whiteware	Surface	50
Glass	Milk	Surface	2
Glass	Cobalt	Surface	2
Glass	Amethyst	Surface	3
Glass	Amber	Surface	1
Glass	Olive	Surface	3
Glass	Aqua	A06.018; 0-16cm	1
Glass	Aqua	Surface	5
Glass	Colorless (Vessel)	A06.005; 0-16cm	3
Glass	Colorless (Vessel)	A06.016; 0-15cm	1
Glass	Colorless (Vessel)	A06.004; 0-14cm	1
Glass	Colorless (Vessel)	A06.011; 0-15cm	1
Glass	Colorless (Vessel)	A06.016; 0-15cm	1
Glass	Colorless (Vessel)	Surface	9
Glass	Colorless (Flat)	Surface	2
Ceramic	Kaolin Pipe (Fragments)	A06.003; 0-18cm	1
Ceramic	Kaolin Pipe (Fragments)	A06.017; 0-17cm	2
Metal (Unidentified)	Button (4 – Hole)	Surface	1
Ceramic	Button (4 – Hole)	Surface	2
Glass (Milk)	Button (4 – Hole)	Surface	1
Iron	Nail	A06.019; 0-17cm	1

The highly fragmented assemblage consists of artifacts with broad dates of manufacture ranging from 1820 to the present. In addition to the artifacts collected, modern plastic refuse was observed throughout the site. The site appears to present no areas of high relative density within its boundaries. The site represents a common late-19th through early 20th – century historic period residential scatter comprised primarily of kitchen refuse (ceramic wares and glass vessel fragments). No evidence of any archaeological features or structural remnants were encountered during the survey. As such, the site appears to present minimal research value beyond the assemblage collected.

Recommendation: Given the minimal research potential of the site, lack of association with significant events in history, and lack of association with significant individuals in history, EDR

recommends that 16153 – A. J. Foster Site does not appear eligible for listing on the S/NRHP. EDR recommends no further archaeological investigations at the 16153 – A. J. Foster Site. Additionally, EDR recommends no further archaeological survey within Survey Area A06.

Survey Area A07

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.56-acres

Archaeological Site Area: N/A

EDR completed an archaeological survey at Area A07 on May 3, 2022. Weather at the time of the survey was sunny with temperatures ranging from 55°- 65° Fahrenheit. Ground surface visibility was visually estimated to range from 60%-70% throughout the survey area. Survey area A07 consists of a proposed turbine area (Turbine 17) approximately 585-meters south of Delano Steele Road and 1,155-meters southwest of the intersection of Delano Steele Road and Oak Orchard Road (see Figure 7). The surveyed area measures approximately 0.56-acres. No MDS resources were identified within 200-feet of the proposed turbine area. Given the lack of surface visibility, EDR completed systematic shovel testing at 5-meter spaced intervals over the turbine location consisting of 81 shovel tests in total. No artifacts or archaeological deposits were encountered during shovel testing.

Recommendation: Since no artifacts or archaeological deposits were encountered during shovel testing, EDR recommends no further archaeological survey within Survey Area A07.

Survey Area A08

Archaeological Sites Identified: One

Archaeological Site Name: 16153 – M. Hyde Site

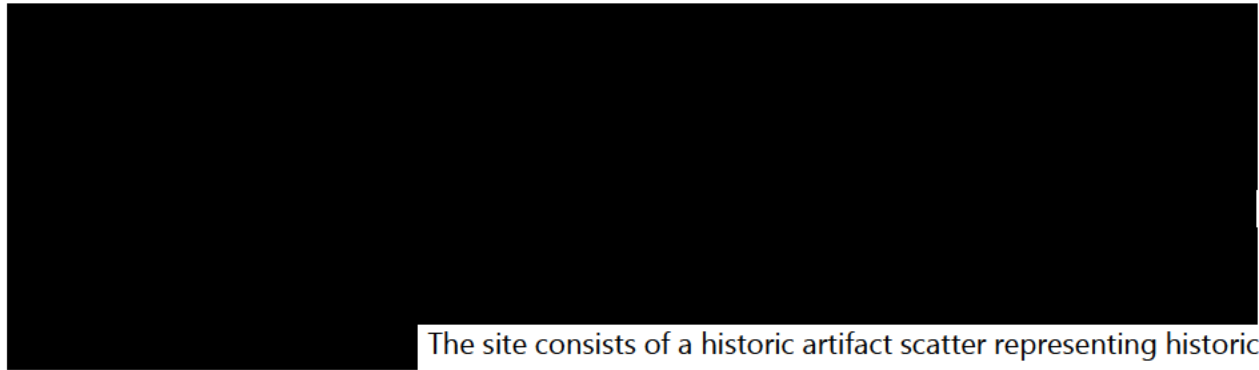
Archaeological Site Summary: Late 19th through early 20th Century Historic Artifact Scatter

Survey Area Size: 0.96-acres

Archaeological Site Area: 0.22-acres (0.10-hectares; 904-square meters)

EDR completed an archaeological survey at Area A08 on May 4, 2022. Weather at the time of the survey was overcast with scattered rains in the morning and moderate winds and temperatures ranging from 45°- 55° Fahrenheit. Ground surface visibility was visually estimated to range from 80%-90% throughout the survey area. Survey area A08 [REDACTED]

June 16, 2022



The site consists of a historic artifact scatter representing historic residential use. A total of 83 artifacts were collected from the surface during pedestrian reconnaissance, as well as from one judgmental shovel test placed within the site. Two additional shovel tests were completed within the middle and eastern boundary of the site and yielded no artifacts. No evidence of any archaeological features or remnant structural remains were identified at the site. A summary of artifacts collected is presented in Table 4 below.

Table 4. Artifacts recovered from 16153 – M. Hyde Site in Survey Area A08.

Material	Type	Provenience	Count
Ceramic	Porcelain	Surface	3
Ceramic	Stoneware	Surface	5
Ceramic	Whiteware	Surface	14
Glass	Green	Surface	7
Glass	Olive	Surface	3
Glass	Milk	Surface	8
Glass	Amethyst	Surface	1
Glass	Amber	Surface	3
Glass	Cobalt	Surface	1
Glass	Colorless (Vessel)	Surface	31
Glass	Colorless (Flat)	Surface	5
Ceramic	Button (4-Hole)	Surface	1
Steel (Stainless)	Bolt (Hexagonal)	A08.002; 0-19cm	1
Copper	Penny (Corroded)	Surface	1

The highly fragmented assemblage consists of artifacts with broad dates of manufacture ranging from 1820 to the present. Along with the artifacts, modern plastic and glass refuse was observed within the site boundary. The site represents a common late-19th through early 20th – century historic period residential scatter comprised primarily of kitchen refuse (ceramic wares and glass vessel fragments). No evidence of any archaeological features or structural remnants were encountered during the survey. As such, the site appears to present minimal research value beyond the assemblage collected.

June 16, 2022

Recommendation: Given the minimal research potential of the site, lack of association with significant events in history, and lack of association with significant individuals in history, EDR recommends that 16153 – M. Hyde Site does not appear eligible for listing on the S/NRHP. EDR recommends no further archaeological investigations at the site. Additionally, EDR recommends no further archaeological survey within Survey Area A08.

Survey Area A09

Archaeological Sites Identified: One Isolate

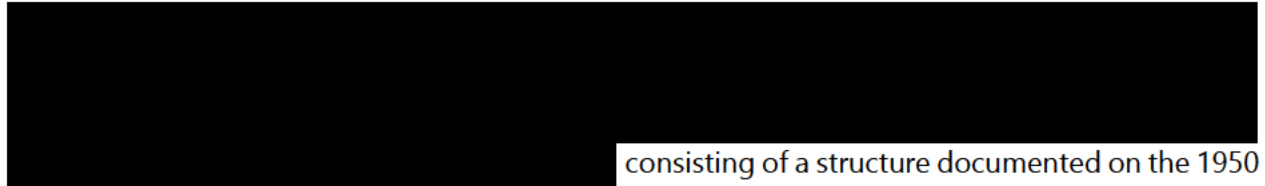
Archaeological Site Name: 16153 – Delano Steele Road Historic Isolate

Archaeological Site Summary: Mid – 20th Century Historic Period Isolate

Survey Area Size: 0.11-acres

Archaeological Site Area: 0.0-acres (0.0-hectares; 4-square meters)

EDR completed an archaeological survey at Area A09 on May 5, 2022. Weather at the time of the survey was sunny with temperatures ranging from 55°- 60° Fahrenheit. Ground surface visibility was visually estimated to range from 60%-80% throughout the survey area. Survey area A09



consisting of a structure documented on the 1950 Albion NY USGS quadrangle map (USGS 1950). Shovel testing within the proposed access route resulted in the identification of one isolated find, 16153 – Delano Steele Road Historic Isolate - 001. The isolated find was identified within the Ap horizon of shovel test A09.003, consisting of two fragments of aqua glass. The remaining 15 shovel tests within Survey Area A09 and two radial shovel tests off of the isolated find were negative for cultural resources. One barn was observed outside of the limits of disturbance within the MDS area corresponding to the USGS 1950 mapped location, most likely representing the structure depicted. No evidence of any archaeological features or remnant structural remains were identified within the proposed access route area in Survey Area A09.

The isolated find represents a common mid – 20th century historic period fragmented aqua glass. No evidence of any archaeological features or structural remnants were encountered within the proposed access route at Survey Area A09 during survey. As such, the isolated find appears to present minimal research value beyond the assemblage collected.

Recommendation: Given the minimal research potential of the isolate find, lack of association with significant events in history, and lack of association with significant individuals in history, EDR

June 16, 2022

recommends that 16153 – Delano Steele Road Historic Isolate – 001 does not appear eligible for listing on the S/NRHP. EDR recommends no further archaeological investigations at Survey Area A09.

Survey Area A10

Archaeological Sites Identified: None

Archaeological Site Summary: N/A

Survey Area Size: 0.37 acres

Archaeological Site Area: N/A

EDR completed an archaeological survey at Area A10 on May 5, 2022. Weather at the time of the survey was sunny with temperatures ranging from 55°- 65° Fahrenheit. Ground surface visibility was visually estimated at 0% throughout the survey area due to vegetation (unmanicured lawn space). Survey area A10 consists of a proposed access route connecting to Oak Orchard Road, located approximately 15-meters north of the intersection of Oak Orchard Road and Pusey Road (see Figure 10). The surveyed area measures approximately 0.37-acres. One MDS resource was identified within 200-feet of the proposed access route, consisting of a structure depicted on the Beers and Company (1875) Atlas on the property of M. Reed. Given the lack of surface visibility, EDR completed systematic shovel testing at 7.5-meter spaced intervals throughout the proposed access route, consisting of 10 shovel tests in total. No artifacts or archaeological deposits were encountered during shovel testing. Two shovel tests were found to present disturbed subsurface profiles, each containing modern refuse. Shovel test A10.005 contained two modern nails and shovel test A10.008 contained modern plastic and glass refuse, most likely associated with the construction of the existing access drive immediately adjacent to the shovel test. Shovel tests A10.009 and A10.010 were found to be disturbed from construction of the existing access drive immediately adjacent to the shovel tests, presenting non-homogenous fill. No artifacts or archaeological deposits were encountered during shovel testing.

Recommendation: Since no artifacts or archaeological deposits were encountered during shovel testing, EDR recommends no further archaeological survey within Survey Area A10.

SUMMARY AND RECOMMENDATIONS

Three historic period archaeological sites and one historic period isolated find were encountered as a result of the additional Phase IB archaeological survey for the proposed Project layout additions. The archaeological sites encountered are comprised of scatters of fragmented historic period artifacts with minimal research potential. No evidence was uncovered to indicate that any of the sites are associated with any significant events in history or significant persons in history,

June 16, 2022

nor do any of the sites appear to embody distinctive characteristics of a type, method of construction, or work of a master. Given the lack of research potential of the assemblages recovered, as well as the lack of evidence of subsurface features at the sites, EDR recommends that the three archaeological Sites 16153 – J. Lumm Site, 16153 – A. J. Foster Site, and 16153 – M. Hyde Site as not eligible for listing on the S/NRHP. Additionally, one historic period isolated find location was identified that presents minimal research potential and no evidence of subsurface features. As such, EDR recommends isolated find 16153 – Delano Steele Road Site – 001 as not eligible for listing on the NRHP. Given the apparent lack of eligibility for the NRHP, EDR does not recommend any further testing at any of the identified archaeological sites. Results for survey areas A01 – A10 are summarized below in Table 5.

Table 5. Summary of Additional Phase IB Archaeological Survey Results.

Survey Area	Archaeological Site Identification	Archaeological Site Area Summary	Archaeological Site Area Size (acres)	EDR Recommendation for NRHP Listing
A01	16153-J. Lumm Site	Late 19th through early 20th Century Historic Artifact Scatter	1.64	Not Eligible
A02	No Sites	N/A	0	N/A
A03	No Sites	N/A	0	N/A
A04	No Sites	N/A	0	N/A
A05	No Sites	N/A	0	N/A
A06	16153 - A. J. Foster Site	Late 19th through early 20th Century Historic Artifact Scatter	3.13	Not Eligible
A07	No Sites	N/A	0	N/A
A08	16153 - M. Hyde Site	Late 19th through early 20th Century Historic Artifact Scatter	0.22	Not Eligible
A09	16153 - Delano Steele Road Historic Isolate - 001	Mid – 20th Century Historic Period Isolate	0 (4-m ²)	Not Eligible
A10	No Sites	N/A	0	N/A

EDR does not recommend any avoidance measures during construction for the three archaeological sites and one isolated find recorded. EDR recommends no further archaeological survey within Survey Areas A01 – A10 for the proposed Project layout additions.

June 16, 2022

EDR sincerely appreciates your assistance with the review of this project. If you have any questions or require additional information, please contact me at dpippin@edrdpc.com or (585) 752-6147, or Patrick Heaton at pheaton@edrdpc.com or (315) 471-0688. Thank you very much for your time.

Attachments

Appendix A: Maps & Figures

Appendix B: Photographs

June 16, 2022

References

Beers, D. G., and Company

1875 Atlas of Niagara and Orleans Counties, New York. Beers, Upton, and Company, Philadelphia, Pennsylvania.

Environmental Design and Research (EDR)

2020 Phase IB Archaeological Survey Report: Heritage Wind Project, Town of Barre, Orleans County, New York. Technical report prepared by EDR for Heritage Wind, LLC., Syracuse, New York.

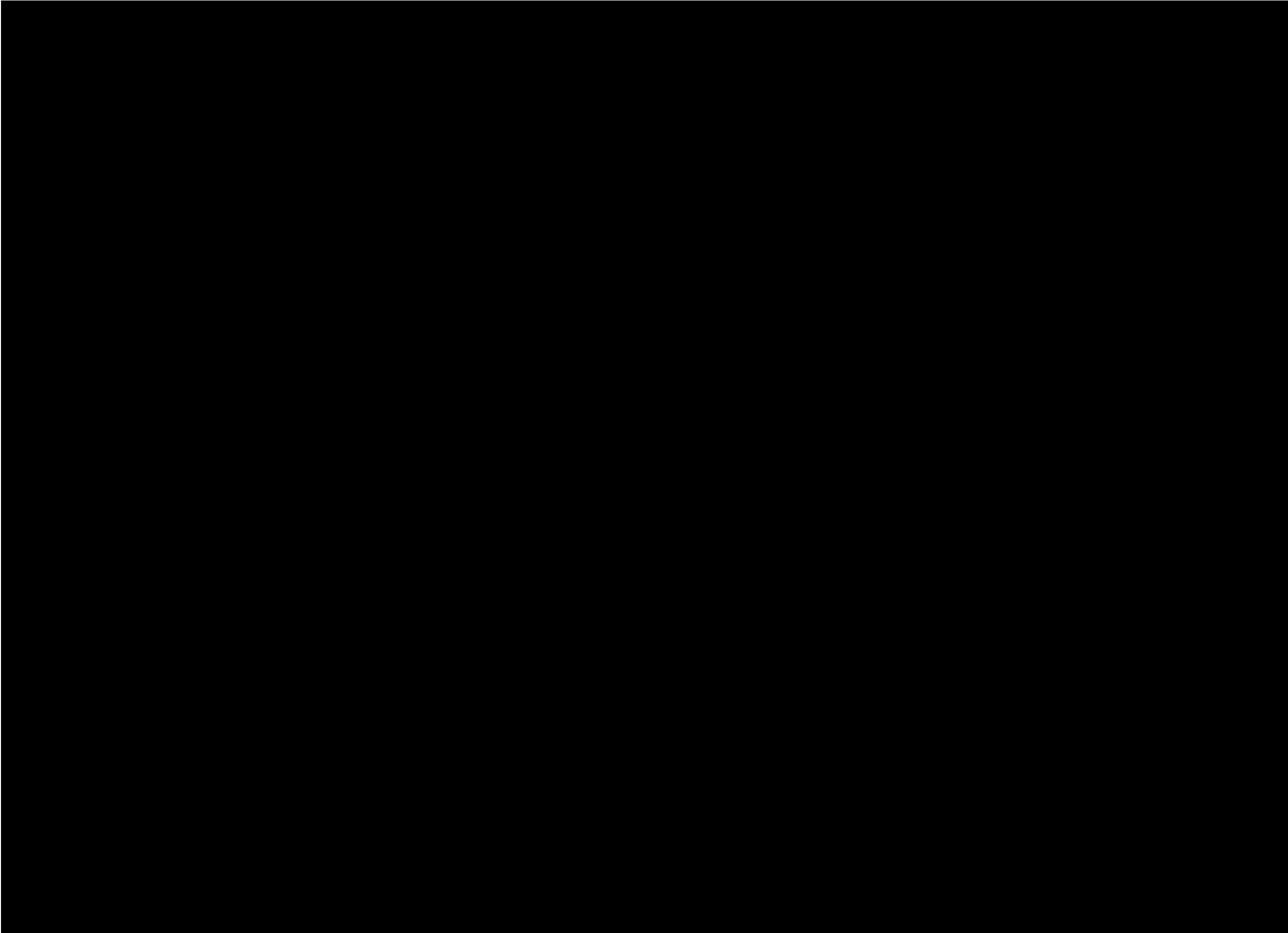
National Park Service (NPS)

1990 *How to Apply the National Register Criteria for Evaluation*. United States Department of the Interior, Washington, D.C.

United States Geological Survey (USGS)

1950 7.5 Minute Series Topographic Quadrangle Map of Albion, NY. 1965 ed., Scale 1:24,000. United States Department of the Interior, Geological Survey, Washington, D.C.

Figure 1. Survey Area A01

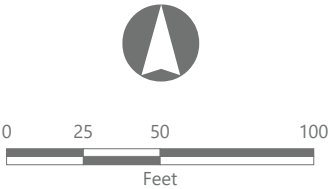


Heritage Wind Project

Town of Barre, Orleans County,
New York

*Supplemental Phase 1B
Archaeological Survey*

- Map-Documented Structure
- Map-Documented Structure Buffer
- Shovel Test
 - No Cultural Material
 - Historic-Period Artifact(s)
- Archaeological Site Boundary
- Pedestrian Survey
- Project Components
 - ▨ Laydown Area
 - Facility Site



Prepared May 19, 2022
Basemap: NYSDOP "2020" orthoimagery map service

Figure 2. Survey Area A02

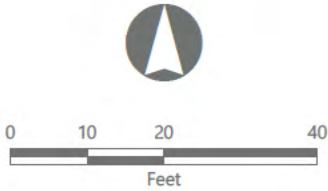


Heritage Wind Project

Town of Barre, Orleans County,
New York

***Supplemental Phase 1B
Archaeological Survey***

- Shovel Test
- No Cultural Material
 - Modern Material
- Shovel Testing
- Project Components
- ⦿ Wind Turbine
 - - - Collection Line
 - Access Road
 - Facility Site



Prepared May 19, 2022
Basemap: NYSDOP "2020" orthoimagery map service

Figure 3. Survey Area A03

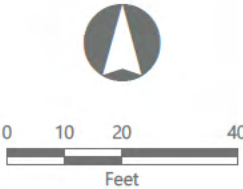


Heritage Wind Project

Town of Barre, Orleans County,
New York

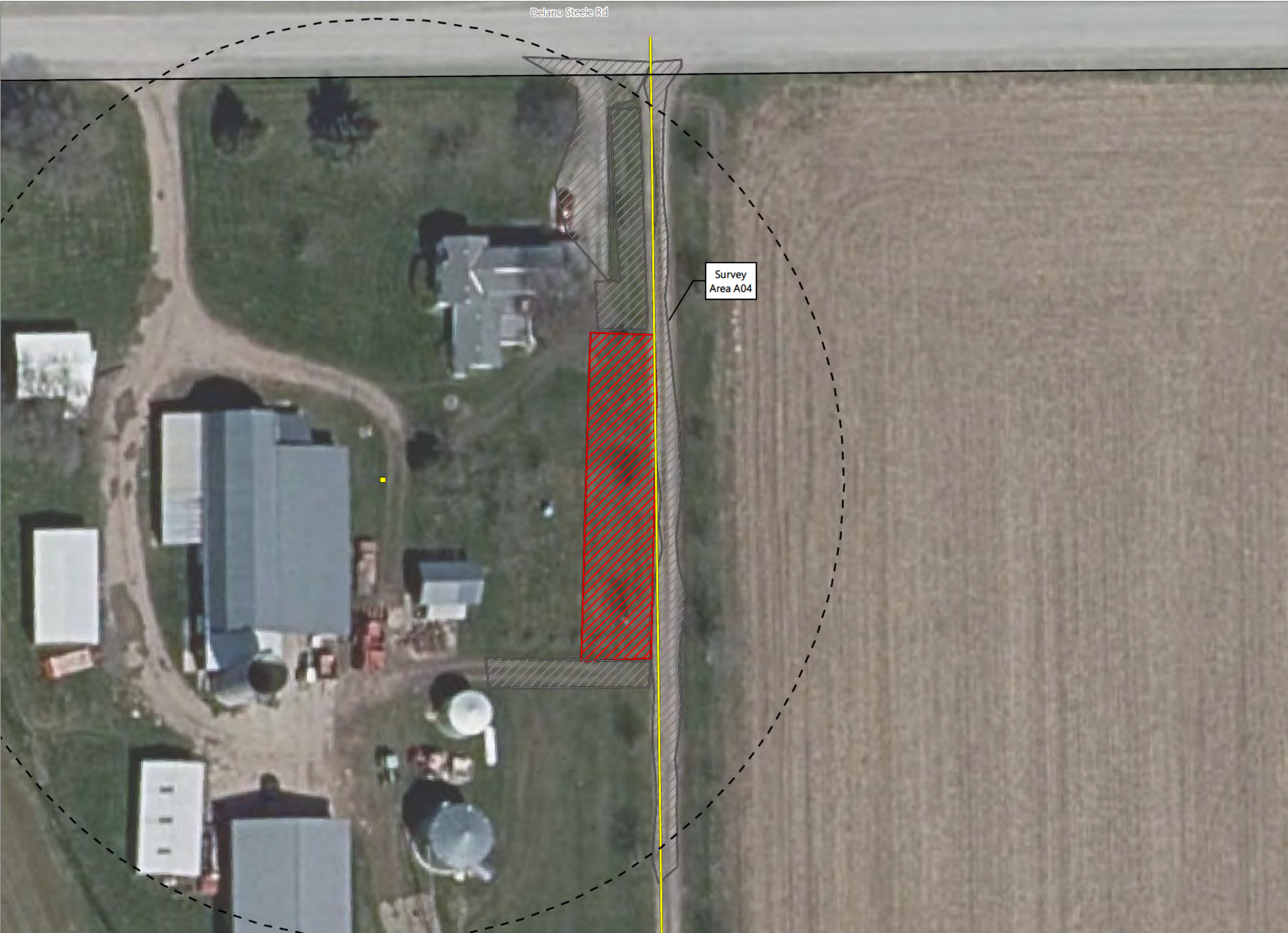
Supplemental Phase 1B
Archaeological Survey

- Shovel Test
- No Cultural Material
 - Shovel Testing
- Project Components
- Wind Turbine
 - Collection Line
 - Access Road
 - Facility Site



Prepared May 19, 2022
Basemap NYSDOP "2020" orthoimagery map service

Figure 4. Survey Area A04

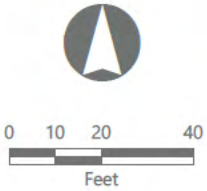


Heritage Wind Project

Town of Barre, Orleans County,
New York

Supplemental Phase 1B
Archaeological Survey

- Map-Documented Structure
- Map-Documented Structure Buffer
- Observed Disturbance
- Disturbed
- No Access
- Project Components
- Access Road
- Facility Site



Prepared May 19, 2022
Basemap: NYSDOP "2020" orthoimagery map service

Figure 5. Survey Area A05

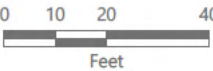


Heritage Wind Project

Town of Barre, Orleans County,
New York

Supplemental Phase 1B
Archaeological Survey

- Map-Documented Structure
- Map-Documented Structure Buffer
- Observed Disturbance
- Disturbed
- Project Components
- Access Road
- Facility Site



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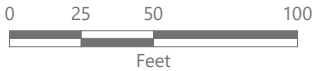
Figure 6. Survey Area A06

Heritage Wind Project

Town of Barre, Orleans County,
New York

*Supplemental Phase 1B
Archaeological Survey*

- Map-Documented Structure
- Map-Documented Structure Buffer
- Shovel Test
 - No Cultural Material
 - Historic-Period Artifact(s)
- Archaeological Site Boundary
- Observed Disturbance
 - ▨ Disturbed
 - Shovel Testing
 - Pedestrian Survey
- Project Components
 - - - Collection Line
 - Facility Site



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