



## Memorandum

**To:** Bradley W. Russell, Ph.D.  
Historic Preservation Specialist - Archaeology  
New York State Historic Preservation Office

**From:** Moira Magni  
Project Archaeologist/Field Staff Coordinator  
EDR

**Date:** September 18, 2024

**Reference:** Hoffman Falls Wind Project  
Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York  
Phase IB Archaeological Survey Addendum Memo

On behalf of Hoffman Falls Wind LLC, a wholly owned subsidiary of Liberty Renewables Inc., EDR conducted approximately 0.25 acres of additional Phase IB archaeological survey for the proposed Hoffman Falls Wind Project (the Facility) on August 27, 2024. The purpose of this memorandum is to document the results of this additional Phase IB survey.

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. The work was conducted in accordance with the New York Archaeological Council's *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State* and the New York State Historic Preservation Office's (NYSHPO) *Phase I Archaeological Report Format Requirements*, as appropriate.

### Project Background

EDR completed a Phase IB archaeological survey of the Facility in the summer and fall of 2023 and submitted the *Phase IB Archaeological Survey Report* (EDR, 2023) to the New York Historic Preservation Office (NYSHPO) via the Cultural Resources Information System (CRIS) on December 13, 2023, with a *Phase IB Archaeological Survey Addendum Memo* (EDR, 2023a) submitted to NYSHPO via CRIS on December 22, 2023.

Since the completion of the *Phase IB Archaeological Survey Report* (EDR, 2023) and the *Phase IB Archaeological Survey Addendum Memo* (EDR, 2023a), Hoffman Falls Wind LLC has made minor

revisions to the Facility layout, resulting in an additional 0.25 acres of Elevated Archaeological Sensitivity within the Area of Potential Effect that were not previously subjected to Phase IB survey (see Figure 1, Sheet 1). EDR completed a supplemental survey within these 0.25 acres on August 27, 2024. This addendum memo has been prepared to present the results of the supplemental survey.

### **Results of Additional Phase IB Archaeological Survey**

On August 27, 2024, EDR Project Archaeologist Matthew Weiss and one EDR staff member conducted a shovel testing survey involving the excavation of 4 shovel test pits at a 15-meter interval across approximately 0.25 acres of the Area of Potential Effect designated as having Elevated Archaeological Sensitivity, per NYSHPO's criteria and EDR's GIS-based archaeological sensitivity model (EDR, 2023b). Shovel test pits were 30 to 50 centimeters in diameter and were excavated to sterile subsoil or the practical limits of hand excavation (NYAC, 1994). Field data were recorded for each shovel test pit that described soil stratigraphy and recorded whether any artifacts were recovered. All soils excavated from STPs were screened through 0.25-inch hardware cloth. Shovel test pit data is included in Appendix A. During the survey, no cultural material was identified (see Figure 1, Sheet 1).



Photo 1. Overview of survey area A47 facing south

September 18, 2024

## Summary and Conclusions

Due to the lack of identified cultural material during the additional Phase IB survey, it is the opinion of EDR that no impacts to any potentially S/NRHP-eligible archaeological resources are anticipated. No further archaeological investigations are recommended.

If you have any questions or would like to discuss the information described herein, please contact me at [mmagni@edrdpc.com](mailto:mmagni@edrdpc.com) or (203) 312-3008, or Peter Sittig at [psittig@edrdpc.com](mailto:psittig@edrdpc.com) or (919) 810-7066.

Thank you very much for your time.

Sincerely,

A handwritten signature in black ink that reads "Moira E Magni". The signature is fluid and cursive, with the first name "Moira" being more prominent than the last name "Magni".

Moira E Magni

EDR Project Archaeologist / Field Staff Coordinator

## **Attachments:**

- Figure 1. Phase IB Additional Testing Results
- Attachment A. Shovel Test Records
- Tested Area (shapefile)

## **References:**

Environmental Design & Research, D.P.C. (EDR). 2023. *Phase IB Archaeological Survey, Hoffman Falls Wind Project, Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York*. Prepared for Hoffman Falls Wind LLC by EDR, Syracuse, NY. December 2023.

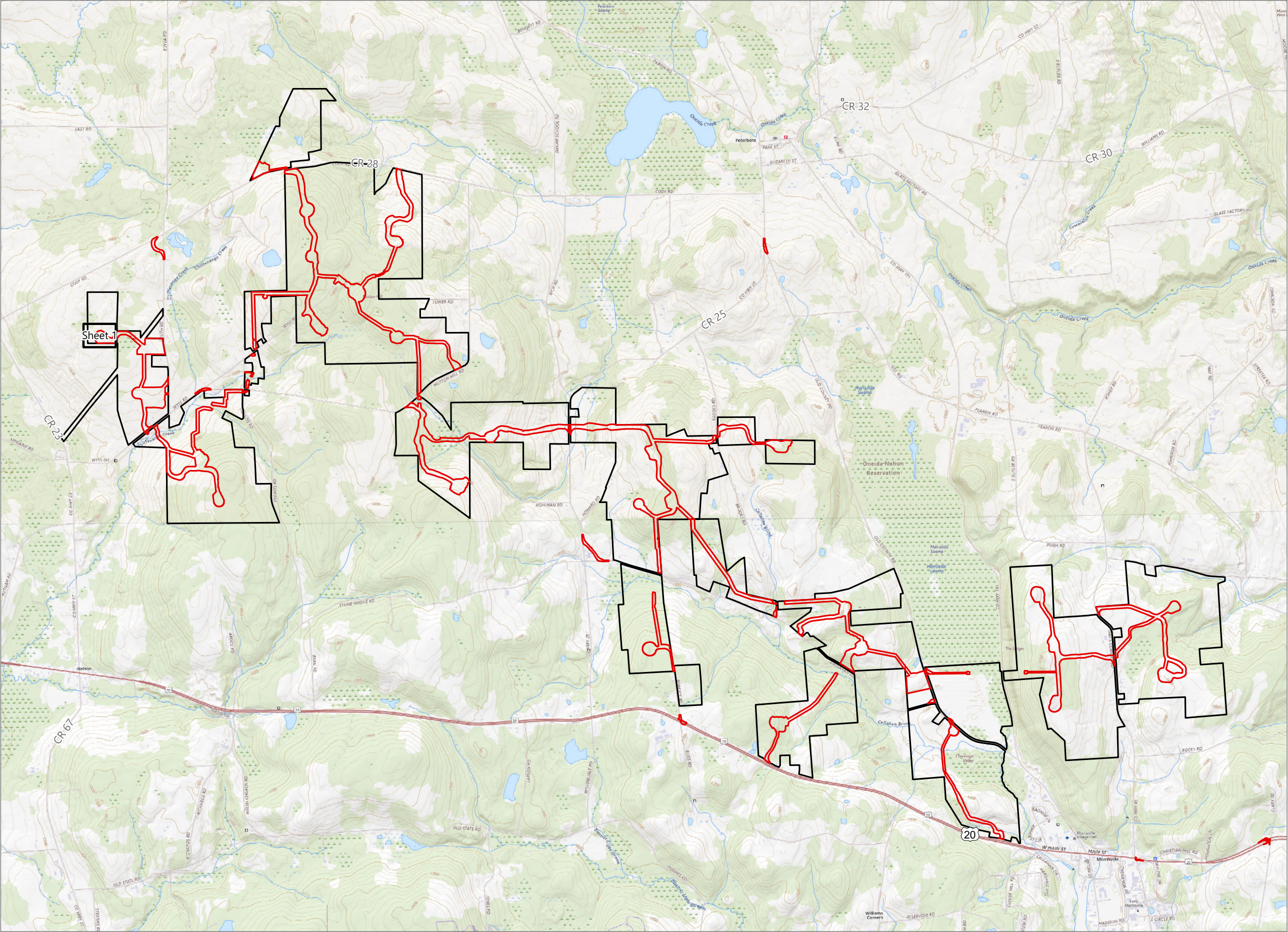
EDR. 2023a. *Phase IB Archaeological Survey Addendum Memo, Hoffman Falls Wind Project, Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York*. Prepared for Hoffman Falls Wind LLC by EDR, Syracuse, NY. December 2023.

EDR. 2023b. *Phase IA Archaeological Survey, Hoffman Falls Wind*. Revised report prepared for Liberty Renewables, Inc., by EDR, Syracuse, NY.

New York Archaeological Council (NYAC). 1994. *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State*. New York State Office of Parks, Recreation, and Historic Preservation, Waterford, NY.



Figure 1. Phase IB Additional Testing Results

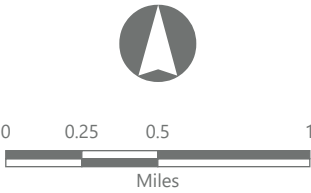


**Hoffman Falls Wind**

Towns of Eaton, Fenner, Nelson and  
Smithfield, Madison County,  
New York

*Phase IB Additional Testing Memo*

- Area of Potential Effect
- Facility Site



Prepared September 3, 2024  
Basemap: Esri "USGS Topo" map service



Hoffman Falls Wind

Towns of Eaton, Fenner, Nelson and  
Smithfield, Madison County,  
New York

Phase IB Additional Testing Memo

Archaeological Investigation Results

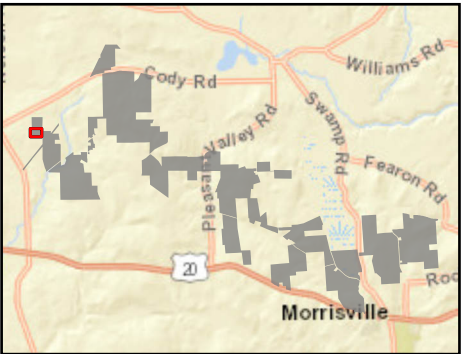
- Shovel Test - No Cultural Material
- Shovel Testing
- Pedestrian Survey

Existing Conditions

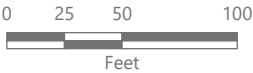
- Elevated Archaeological Sensitivity

Proposed Facility Components

- Wind Turbine
- Access Road
- - - Collection Line
- ▭ Temporary Turning Improvement
- ▭ Area of Potential Effect
- ▭ Facility Site



Sheet 1 of 1



Prepared September 11, 2024  
Basemap: USDA NAIP "2022 New York 60cm" orthoimagery map service

Shovel Test	Stratum	Strat Depth (cmbs)	Soil Color	Soil Texture	Contents	Comments
A47.011	I	0-31	10YR 3/2	Silt Loam	No Cultural Material (NCM)	Plowzone
A47.011	II	31-41	10YR 5/4	Silty Clay Loam	NCM	Subsoil
A47.012	I	0-51	10YR 3/2	Silt Loam	NCM	Plowzone
A47.012	II	51-56	10YR 6/3	Silt Loam	NCM	Very rocky subsoil; rock impasse
A47.013	I	0-46	10YR 3/2	Silt Loam	NCM	Plowzone
A47.013	II	46-56	10YR 5/3	Silty Clay Loam	NCM	Subsoil
A47.014	I	0-50	10YR 3/2	Silt Loam	NCM	Very rocky plowzone; rock impasse