

## MANUSCRIPT DATA RECORD FORM

1. Manuscript Number:
2. SHPO Reference #: 14-0606
3. Author: James Sexton, Ph. D.
4. Title: Wilton IV Wind Energy Center: A Class II Architectural Inventory In Burleigh County, North Dakota (Addendum)
5. Report Date: August 2014
6. Number of Pages: 77
7. Type: II
8. Acres: 22332 acres
9. Legal Location(s):

County	Township	Range	Section
Burleigh	141N (Trygg Township)	77W	5-8
Burleigh	141N (Cromwell Township)	78W	1-3, 12
Burleigh	142N (Wing Township)	76W	6, 7, 18
Burleigh	142N (Rock Hill Township)	77W	1-22, 27-33
Burleigh	142N (Ghylin Township)	78W	1, 11-29, 34-36
Burleigh	143 (Richmond Township)	76W	17-21, 29-32
	143 (Canfield Township)	77W	13-14, 23-26, 34-36

This page intentionally left blank

**Wilton IV Wind Energy Center:  
A Class II Architectural Reconnaissance Survey  
In Burleigh County, North Dakota  
(Addendum)**

*Prepared for*



**September 2014**

*Prepared by*



**1000 The American Road  
Morris Plains, NJ 07950**

This page intentionally left blank

## **MANAGEMENT SUMMARY**

Wilton Wind IV, LLC (Wilton IV), a subsidiary of NextEra Energy Resources, LLC (NextEra), is proposing to construct and operate the Wilton IV Wind Energy Center (the Project). Wilton IV's proposed Project is a wind energy generation facility similar to the adjacent operating wind energy facilities (Wilton I, Wilton II, and Baldwin wind energy centers). The proposed Project would consist of 58 wind turbine generators, with a total nameplate capacity of 99.8 MW. The Project Area is located approximately 10 miles east of Wilton, North Dakota, and approximately 20 miles north of Bismarck (Figure 1). The Project will connect to the existing facilities via an overhead 11.6-mile, 230 kV transmission line. This layout is a modification of an earlier layout for Wilton IV that was surveyed for historic architectural resources in September 2012 (Tetra Tech, 2013). This addendum report has been prepared because the new layout shifts the Project Area approximately 8 miles to the east. Portions of the Project located in Cromwell, Ghylin, and Rock Hill townships were previously evaluated as part of the survey work for the earlier design. With the consent of the State Historical Society of North Dakota (SHSND), these areas were not resurveyed for this report; the relevant information included in the 2013 report remains applicable to this Project.

Western Area Power Administration's (Western) action to execute an interconnection agreement for the proposed Project requires review under Section 106 of the National Historic Preservation Act (NHPA) and the National Environmental Policy Act (NEPA). In compliance with the NHPA and NEPA, Western and SHSND are considering how the proposed Project may affect cultural resources that are listed in, or are potentially eligible for, inclusion to the National Register of Historic Places (NRHP). The Project also requires a Certificate of Site Compatibility from the North Dakota Public Service Commission (PSC); therefore, the Project is subject to review by SHSND under North Dakota Century Code 55-02-07.

Tetra Tech's literature review identified one previous architectural investigation for the Project area, the Class II Architectural Reconnaissance Survey for the Wilton IV Wind Energy Center. This was conducted in September 2012, and included the area within 1 mile of the Wilton IV turbine layout as proposed at that time. The survey evaluated historic structures over 45 years old or older. The 2012 survey included those portions of the current Project area located within Cromwell, Rock Hill, and Ghylin townships. Based on that survey, Tetra Tech recommended that none of the 17 properties documented during the September 2012 field work were potentially eligible for listing in the NRHP, and a finding of No Historic Properties Affected was concurred with by the SHSND. Fourteen of the 17 properties are located within the Area of Potential Effect (APE) for the current Project.

The Class II Reconnaissance Survey for the current Project, covering the area within 1 mile of the nearest turbine that was not surveyed for the previous layout, examined 22 farmsteads. Documentary research determined that 20 of these properties were 45 years old or older. It is Tetra Tech's recommendation that none of these properties are eligible for inclusion in the NRHP. With respect to potential effects of the proposed Project on architectural properties in the APE, Tetra Tech recommends a determination of **No Historic Properties Affected**.

## TABLE OF CONTENTS

Section	Page
<b>LIST OF FIGURES</b>	<b>III</b>
<b>LIST OF TABLES</b>	<b>IV</b>
<b>LIST OF PHOTOGRAPHS</b>	<b>IV</b>
<b>1.0 INTRODUCTION</b>	<b>1</b>
1.1 PROJECT DESCRIPTION	1
1.2 PROJECT LOCATION AND AREA OF POTENTIAL EFFECTS (APE)	1
<b>2.0 RESEARCH DESIGN</b>	<b>3</b>
2.1 SHSND FILE SEARCH	3
2.2 PREVIOUS ARCHITECTURAL INVESTIGATIONS	3
2.3 METHODOLOGY AND FIELD WORK	4
<b>3.0 FINDINGS</b>	<b>6</b>
3.1 PROPERTIES PREVIOUSLY RECORDED WITHIN THE APE	7
3.2 PROPERTIES RECORDED BY TETRA TECH WITHIN THE 2014 APE	7
3.2.1 <i>Property Tt 1</i>	9
3.2.2 <i>Property Tt 2</i>	10
3.2.3 <i>Property Tt 3</i>	14
3.2.4 <i>Property Tt 4</i>	20
3.2.5 <i>Property Tt 5</i>	22
3.2.6 <i>Property Tt 6</i>	23
3.2.7 <i>Property Tt 7</i>	25
3.2.8 <i>Property Tt 8</i>	28
3.2.9 <i>Property Tt 9</i>	32
3.2.10 <i>Property Tt 10</i>	35
3.2.11 <i>Property Tt 11</i>	39
3.2.12 <i>Property Tt 12</i>	44
3.2.13 <i>Property Tt 13</i>	47
3.2.14 <i>Property Tt 14</i>	50
3.2.15 <i>Property Tt 15</i>	51
3.2.16 <i>Property Tt 16</i>	54
3.2.17 <i>Property Tt 17</i>	58
3.2.18 <i>Property Tt 18</i>	61
3.2.19 <i>Property Tt 19</i>	62
3.2.20 <i>Property Tt 20</i>	66
3.2.21 <i>Property Tt 21</i>	69
3.2.22 <i>Property Tt 22</i>	75
<i>Conclusions</i>	77
<b>3.0 REFERENCES CITED</b>	<b>78</b>

### List of Figures

Figure 1. Project Location

Figure 2. Newly Recorded Properties within the APE for Historic Architecture

Figure 3. Comparison of June 18, 2014 APE with August 25, 2014 APE

## List of Tables

- Table 1. Legal locations within the APE  
Table 2. Previously recorded sites identified during SHSND files search  
Table 3. Reviewed Historic Maps and Aerial Photographs  
Table 4. Properties Identified During Fieldwork

## List of Photographs

All photographs taken by James Sexton, Ph. D., Tetra Tech.

Photograph 1-- Looking west at Tt1 (July 9, 2014).....	9
Photograph 2-- Looking northeast at Tt 2. (July 9, 2014) .....	10
Photograph 3-- Looking northwest at Tt2. (July 9, 2014) .....	10
Photograph 4-- Looking northwest at Tt 2. (July 9, 2014) .....	11
Photograph 5-- Looking northwest at Tt 2. (July 9, 2014).....	11
Photograph 6-- Looking northwest at Tt 2. (July 9, 2014) .....	12
Photograph 7-- Looking northwest at Tt 2. (July 9, 2014) .....	12
Photograph 8 -- Looking northwest at Tt 3. (July 9, 2014).....	14
Photograph 9 -- Looking southwest at Tt 3. (July 9, 2014) .....	14
Photograph 10 -- Looking northwest at Tt 3. (July 9, 2014).....	15
Photograph 11 -- Looking southwest at Tt 3. (July 9, 2014).....	15
Photograph 12 -- Looking southwest at Tt 3. (July 9, 2014).....	16
Photograph 13 -- Looking southwest at Tt 3. (July 9, 2014).....	16
Photograph 14 -- Looking west at Tt 3. (July 9, 2014) .....	17
Photograph 15 -- Looking west at Tt 3. (July 9, 2014) .....	17
Photograph 16 -- Looking west at Tt 3. (July 9, 2014) .....	18
Photograph 17 -- Looking southwest at Tt 3. (July 9, 2014).....	18
Photograph 18 -- Looking northeast at Tt 4. (July 9, 2014).....	20
Photograph 19 -- Looking northeast at TT 4. (July 9, 2014) .....	20
Photograph 20 -- Looking west at Tt 5. (July 9, 2014) .....	22
Photograph 21 -- Looking north at Tt 6. (July 9, 2014).....	23
Photograph 22 -- Looking north at Tt 6. (July 9, 2014).....	23
Photograph 23 -- Looking southeast at Tt 7. (July 9, 2014).....	25
Photograph 24 -- Looking southwest at Tt 7. (July 9, 2014).....	25
Photograph 25 -- Looking southeast at Tt 7. (July 9, 2014).....	26
Photograph 26 -- Looking southeast at Tt 7. (July 9, 2014).....	26
Photograph 27 -- Looking southeast at Tt 7. (July 9, 2014).....	27
Photograph 28 -- Looking northeast at Tt 8. (July 8, 2014).....	28
Photograph 29 -- Looking northeast at Tt 8. (July 8, 2014).....	28
Photograph 30 -- Looking southeast at Tt 8. (July 8, 2014).....	29
Photograph 31 -- Looking northeast at Tt 8. (July 8, 2014).....	29
Photograph 32 -- Looking southwest at Tt 8. (July 9, 2014).....	30
Photograph 33 -- Looking east at Tt 8. (July 9, 2014) .....	30
Photograph 34 -- Looking east at Tt 9. (July 8, 2014) .....	32
Photograph 35 -- Looking east at Tt 9. (July 8, 2014) .....	32
Photograph 36 -- Looking east at Tt 8. (July 8, 2014) .....	33

Photograph 37 -- Looking east at Tt 9. (July 8, 2014) .....	33
Photograph 38 -- Looking east at Tt 9. (July 9, 2014) .....	34
Photograph 39 -- Looking north at Tt 10. (July 9, 2014) .....	35
Photograph 40 -- Looking north at Tt 10. (July 9, 2014) .....	35
Photograph 41 -- Looking north at Tt 10. (July 9, 2014) .....	36
Photograph 42 -- Looking northeast at Tt 10. (July 9, 2014) .....	36
Photograph 43 -- Looking northeast at Tt 10. (July 9, 2014) .....	37
Photograph 44 -- Looking west at Tt 10. (July 9, 2014) .....	37
Photograph 45 -- Looking west at Tt 11. (July 9, 2014) .....	39
Photograph 46 -- Looking west at Tt 11. (July 9, 2014) .....	39
Photograph 47 -- Looking west at Tt 11. (July 9, 2014) .....	40
Photograph 48 -- Looking west at Tt 11. (July 9, 2014) .....	40
Photograph 49 -- Looking west at Tt 11. (July 9, 2014) .....	41
Photograph 50 -- Looking west at Tt 11. (July 9, 2014) .....	41
Photograph 51 -- Looking west at Tt 11. (July 9, 2014) .....	42
Photograph 52 -- Looking northeast at Tt 11. (July 9, 2014) .....	42
Photograph 53 -- Looking north at Tt 11. (July 9, 2014) .....	43
Photograph 54 -- Looking northeast at Tt 12. (July 9, 2014) .....	44
Photograph 55 -- Looking west at Tt 12. (July 9, 2014) .....	44
Photograph 56 -- Looking northwest at Tt 12. (July 9, 2014) .....	45
Photograph 57 -- Looking northeast at Tt 12. (July 9, 2014) .....	45
Photograph 58 -- Looking south at Tt 13. (July 9, 2014) .....	47
Photograph 59 -- Looking south at Tt 13. (July 9, 2014) .....	47
Photograph 60 -- Looking southeast at Tt 13. (July 9, 2014) .....	48
Photograph 61 -- Looking south at Tt 13. (July 9, 2014) .....	48
Photograph 62 -- Looking southwest at Tt 14. (July 9, 2014) .....	50
Photograph 63 -- Looking southwest at Tt 15. (July 9, 2014) .....	51
Photograph 64 -- Looking southwest at Tt 15. (July 9, 2014) .....	51
Photograph 65 -- Looking northwest at Tt 15. (July 9, 2014) .....	52
Photograph 66 -- Looking northwest at Tt 15. (July 9, 2014) .....	52
Photograph 67 -- Looking west at Tt 16. (July 9, 2014) .....	54
Photograph 68 -- Looking west at Tt 16. (July 9, 2014) .....	54
Photograph 69 -- Looking west at Tt 16. (July 9, 2014) .....	55
Photograph 70 -- Looking west at Tt 16. (July 9, 2014) .....	55
Photograph 71 -- Looking west at Tt 16. (July 9, 2014) .....	56
Photograph 72 -- Looking west at Tt 16. (July 9, 2014) .....	56
Photograph 73 -- Looking south at Tt 17. (July 8, 2014) .....	58
Photograph 74 -- Looking east at Tt 17. (July 9, 2014) .....	58
Photograph 75 -- Looking east at Tt 17. (July 9, 2014) .....	59
Photograph 76 -- Looking east at Tt 17. (July 9, 2014) .....	59
Photograph 77 -- Looking south at Tt 18. (July 9, 2014) .....	61
Photograph 78 -- Looking north at Tt 19. (July 8, 2014) .....	62
Photograph 79 -- Looking northwest at Tt 19. (July 8, 2014) .....	62
Photograph 80 -- Looking west at Tt 19. (July 8, 2014) .....	63
Photograph 81 -- Looking northwest at Tt 19. (July 8, 2014) .....	63
Photograph 82 -- Looking northwest at Tt 19. (July 9, 2014) .....	64
Photograph 83 -- Looking northwest at Tt 19. (July 9, 2014) .....	64
Photograph 84 -- Looking west at Tt 20. (July 8, 2014) .....	66
Photograph 85 -- Looking northwest at Tt 20. (July 8, 2014) .....	66
Photograph 86 -- Looking northwest at Tt 20. (July 8, 2014) .....	67
Photograph 87 -- Looking north at Tt 20. (July 8, 2014) .....	67
Photograph 88 -- Looking west at Tt 21. (July 8, 2014) .....	69

**Photograph 89 -- Looking northwest at Tt 21. (July 8, 2014) ..... 69**  
**Photograph 90 -- Looking northwest at Tt 21. (July 8, 2014) ..... 70**  
**Photograph 91 -- Looking west at Tt 21. (July 8, 2014) ..... 70**  
**Photograph 92 -- Looking southwest at Tt 21. (July 9, 2014) ..... 71**  
**Photograph 93 -- Looking southeast at Tt 21. (July 9, 2014) ..... 71**  
**Photograph 94 -- Looking southeast at Tt 21. (July 8, 2014) ..... 72**  
**Photograph 95 -- Looking northeast at Tt 21. (July 8, 2014) ..... 72**  
**Photograph 96 -- Looking northwest at Tt21. (July 8, 2014) ..... 73**  
**Photograph 97 -- Looking north at Tt 21. (July 8, 2014) ..... 73**  
**Photograph 98 -- Looking northwest at Tt 21. (July 8, 2014) ..... 74**  
**Photograph 99 -- Looking northeast at Tt 22. (July 8, 2014) ..... 75**  
**Photograph 100 -- Looking south at Tt 22. (July 8, 2014) ..... 75**  
**Photograph 101 -- Looking south at Tt 22. (July 8, 2014) ..... 76**

**APPENDIX A    Agency Communications**

## **1.0 INTRODUCTION**

This report presents the results of a supplementary Class II Architecture Reconnaissance Survey undertaken for the proposed Wilton Wind IV Energy Center (the Project) located in Burleigh County, North Dakota, by Tetra Tech, Inc. (Tetra Tech). The Project will interconnect to the Western Area Power Administration's (Western) transmission system at its existing Hilken Switching Station via the Central Electric Power Cooperative transmission line. Western's action to execute an interconnection agreement for the proposed Project requires review under Section 106 of the National Historic Preservation Act (NHPA) and the National Environmental Policy Act (NEPA). In compliance with NHPA and NEPA, Western and the State Historical Society of North Dakota (SHSND) are considering how the proposed Project may affect cultural resources that are listed in or are potentially eligible for inclusion to the National Register of Historic Places (NRHP). The Project also requires a Certificate of Site Compatibility from the North Dakota Public Service Commission (PSC); therefore, the Project is subject to review by the SHSND under North Dakota Century Code 55-02-07. The purpose of the survey was to identify and document all above ground cultural resources within the Project's Area of Potential Effects (APE) for Architecture in order to provide SHSND with recommendations about the potential eligibility of these properties for listing in the NRHP, and to provide information to SHSND about potential direct and indirect effects of the Project on NRHP-listed and NRHP-eligible properties.

### **1.1 Project Description**

Wilton IV's proposed Project is a wind energy generation facility similar to the adjacent operating wind energy facilities (Wilton I, Wilton II, and Baldwin wind energy centers). The proposed Project would consist of 58 wind turbine generators, with a total nameplate capacity of 99.8 MW. The Project will connect to the existing facilities via an overhead 11.6-mile, 230 kV transmission line.

### **1.2 Project Location and Area of Potential Effects (APE)**

The Project is located in northern Burleigh County, North Dakota, approximately 10 miles east of Wilton, North Dakota, and approximately 20 miles north of Bismarck (Figure 1). In consultation with SHSND, the APE has been defined as the area located within 1 mile of any turbine; the APE covers parts of 76 sections in seven townships (Table 1). NDSHS concurred that, since the western portion of the APE was previously surveyed for the earlier layout of the Wilton IV Wind Energy Center (Sexton 2013), the survey area for the present study could comprise only those areas not previously surveyed. The present survey area runs from southwest to northeast and is roughly bounded in the following way: on the south by 227<sup>th</sup> Avenue NE, on the east by 288<sup>th</sup> Street NE, on the north by 357<sup>th</sup> Avenue NE, and on the west by 171<sup>st</sup> Street NE.

**Table 1 – Legal locations within the APE**

<b>Township</b>	<b>Range</b>	<b>Section</b>
141N (Trygg Township)	77W	5-8
141N (Cromwell Township)	78W	1-3, 12
142 (Wing Township)	76W	6, 7, 18
142N (Rock Hill Township)	77W	1-22, 27-33
142N (Ghylin Township)	78W	1, 11-29, 34-36
143 (Richmond Township)	76W	17-21, 29-32
143 (Canfield Township)	77W	13-14, 23-26, 34-36

The APE is a mixed rural landscape of relatively flat, open fields with vernacular modern and historic houses interspersed with rolling hills and buttes. Farmsteads and outbuildings are generally set back from roads and are often located behind shelterbelts of trees.

## **2.0 RESEARCH DESIGN**

The research design was created to identify those above ground resources with the APE that were style-dated in the field to as 45 years old or older (a date range requested by Western, the lead Federal Agency) and to locate previously recorded cultural resources to determine if they were still extant. In order to accomplish this Tetra Tech undertook both Class I and Class II investigations.

### **2.1 SHSND File Search**

The Class I file search of historic structures records was undertaken on July 10, 2014, by Tetra Tech's architectural historian, James Sexton, Ph. D., at the SHSND in Bismarck. This file review enumerated cultural resources studies on file at SHSND, including previous studies in the Project vicinity and records of inventoried historic structures, bridges, and cemeteries. The review considered the area within 1 mile of the Wilton IV turbine layout of June 18, 2014.

### **2.2 Previous Architectural Investigations**

One architectural investigation, "Wilton IV Wind Energy Center: A Class II Architectural Reconnaissance Survey in Burleigh County, North Dakota" (Sexton 2013), has previously been conducted in the Project area. This reconnaissance survey was conducted within 1 mile of the 2012 Wilton IV turbine layout in Cromwell, Crofte, Rock Hill, Ghylin, and Ecklund townships (Figure 1) and evaluated historic structures estimated to be over 45 years old on the basis of stylistic characteristics and other evidence. Although the prior survey covered part of the western portion of the present Wilton IV APE, it did not include the majority of the APE of the current layout.

During the 2012 Wilton IV field survey, 17 historic and recent properties were observed throughout the Wilton IV APE as it was proposed at that time; documentation for these properties was submitted in a report during 2013 (Sexton 2013). The inventoried historic properties included 15 farmsteads, one cemetery, and one former radio station for a total of 17. Four of the farmsteads and the former radios station were found through documentary research to be less than 45 years old; three of the 17 properties are located outside of the APE for the June 2014 layout. SHSND concurred with Tetra Tech's 2013 recommendations that none of these properties were potentially eligible for listing in the NRHP and with a finding of No Historic Properties Affected. A total of 14 of the properties noted in the 2013 report are located within the June 2014 APE. Five of these properties were found through documentary research to be less than 45 years old. Table 2 shows the nine previously surveyed historic properties located within the June 2014 APE.

**Table 2: Previously Documented Architectural Properties within the APE**

Field No.	PLSS	Description	Eligibility Recommendation
C1	Sec. 20, T142N, R78W	Cemetery	Not Eligible
F1	Sec. 14, T142N, R78W	Farmstead	Not Eligible
F2	Sec. 24, T142N, R78W	Farmstead	Not Eligible
F4	Sec. 24, T142N, R78W	Farmstead	Not Eligible
F5	Sec. 35, T142N, R78W	Farmstead	Not Eligible
F7	Sec. 26, T142N, R78W	Farmstead	Not Eligible
F8	Sec. 23, T142N, R78W	Farmstead	Not Eligible
F9	Sec. 15, T142N, R78W	Farmstead	Not Eligible
F10	Sec. 21, T142N, R78W	Farmstead	Not Eligible

DOE = Determination of Eligibility based on July 9, 2010 letter from SHSND (Appendix B).

The background research also included a review of historic documentation including General Land Office maps, plat maps, and aerial photographs. Documents covering the Project Area and vicinity were examined to identify any historic structures, railroads, roads, and trails that might be encountered during the field survey. Table 3 identifies historic maps and aerial photos of Burleigh County that were reviewed as part of the background research.

**Table 3: Historic Maps and Aerial Photographs Reviewed During Background Research**

Type	Year	Reference
General Land Office	1887	General Land Office
Plat	1912	Geo. A. Ogle and Company
Plat	1969	Thomas O. Nelson Company
Topographical Maps	1975/79	U.S. Geological Survey Bureau (USGS)
Aerial Photograph	1995-98	USGS
Aerial Photograph	2010	U.S. Department of Agriculture – National Agriculture Imagery Program

### 2.3 Methodology and Field Work

A Class II architectural survey, the goal of which was to identify properties containing buildings style-dated as 45 years old or older, was conducted by Tetra Tech's architectural historian, James Sexton, Ph. D. The methods employed were approved by the SHSND. On July 8 and 9, 2014 Sexton drove all public roads within one mile of the nearest Project element and photographed all resources that were visible from the public right-of-way. Photographs of the properties were taken using a Canon EOS Rebel XSi

DSLR outfitted with a Jobo Hotshoe Geotagger. Field notes were taken, a photo log was created, and USGS topographic maps were used to record the property locations.

The collected data were then compared to historic maps to determine whether buildings had been standing in these locations at least 45 years ago. Finally, the field notes, photographs, and collected data were used to determine the potential NRHP eligibility of the properties.

### 3.0 FINDINGS

Twenty-two previously-unrecorded historic and recent properties within the APE were observed. The locations of these properties are shown on Figure 2. Through documentary research using historic plat books, 20 of the 22 previously unrecorded historic and recent properties were identified as potentially being 45 years old or older. Properties Tt 17 and Tt 20 were found to be without buildings on the 1969 plat map. They were therefore considered not to meet the criterion for documentation of being 45 years old or older. All previously unrecorded properties were evaluated to determine if they retained integrity in seven aspects defined by the National Park Service (NPS, 1997). These aspects of integrity are the following:

- Location;
- Design;
- Setting;
- Materials;
- Workmanship;
- Feeling; and
- Association.

In addition, to be determined eligible for the NRHP, properties must meet at least one of the following NRHP Criteria for Evaluation (36 CFR 60.4). To be eligible for listing on the NRHP, properties must be ones:

- A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of persons significant in our past; or
- 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; or
- D. That have yielded, or may be likely to yield, information important in prehistory or history.

Based on the data collected in the field, and using the standards described above, Tetra Tech assessed the potential eligibility for listing in the NRHP of each documented property. None of these resources was evaluated as meeting the NRHP criteria of eligibility.

### 3.1 Properties Previously Recorded within the APE

The file search conducted at SHSND prior to the commencement of field work identified no sites or site leads within the Project APE for historic architecture that had previously been recorded other than those that were recorded for the 2012 Wilton IV survey. As this work was completed recently, SHSND agreed that these properties did not need to be re-surveyed for the 2014 Project and they were excluded from the study area.

### 3.2 Properties Recorded by Tetra Tech within the 2014 APE

Fieldwork conducted by Tetra Tech on July 9 and 10, 2014, identified all above-ground historic properties within the previously unsurveyed portion of the APE (Table 4). Twenty of the 22 resources recorded were identified as historic (i.e., 45 years old or older); these are documented below. The following pages, Photographs 1 through 101, include Tetra Tech's assigned field number as the resource identification number (starting with the prefix Tt), photos of the properties, with multiple photos where a property included more than one architectural feature. The photograph captions include the resource identification number, the direction of the photograph view, and the date the photograph was taken. All photographs were taken by Tetra Tech's architectural historian James Sexton, Ph.D. Each photograph is followed by a brief description of the resource and a recommendation of its eligibility for listing in the NRHP. The location of each documented property is shown in Figure 2.

The turbines were micro-sited subsequent to the completion of fieldwork. The micro-siting led to a slight revision in the APE for Historic Architecture (Figure 3). A desktop study of the revised APE was undertaken using aerial photographs and it confirmed that no additional properties fell within the revised APE.

**Table 4: Properties Identified During Fieldwork**

Field Number	PLSS	Description	Eligibility Recommendation
Tt 1	Sec. 2, T141N, R78W	Isolated building	Not NRHP Eligible
Tt 2	Sec. 6, T141N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 3	Sec. 6, T141N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 4	Sec. 32, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 5	Sec. 30, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 6	Sec. 20, T142N, R77W	Outbuildings	Not NRHP Eligible
Tt 7	Sec. 20, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 8	Sec. 6, T142N, R77W	Modern Farmstead	Not NRHP Eligible
Tt 9	Sec. 5, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 10	Sec. 21, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 11	Sec. 16, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 12	Sec. 4, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 13	Sec. 3, T142N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 14	Sec. 14, T142N, R77W	Isolated building	Not NRHP Eligible
Tt 15	Sec. 2, T142N, R77W	Historic Farmstead	Not NRHP Eligible

Field Number	PLSS	Description	Eligibility Recommendation
Tt 16	Sec. 2, T141N, R77W	Historic Farmstead	Not NRHP Eligible
Tt 17	Sec. 7, T142N, R76W	Modern Farmstead	Less than 45 years old
Tt 18	Sec. 24, T143N, R77W	Foundation	Not NRHP Eligible
Tt 19	Sec. 6, T142N, R76W	Historic Farmstead	Not NRHP Eligible
Tt 20	Sec. 30, T143N, R76W	Modern Farmstead	Less than 45 years old
Tt 21	Sec. 30, T143N, R76W	Historic Farmstead	Not NRHP Eligible
Tt 22	Sec. 20, T143N, R76W	Historic Farmstead	Not NRHP Eligible

### 3.1.1 Property Tt 1



**Photograph 1-- Looking west at Tt1 (July 9, 2014).**

Tt 1 is an isolated historic building located in the southeast quarter of the southeast quarter of Section 2, Township 141 N, Range 78W. A building appeared in this location in the 1969 plat map. It shows an empty square, suggesting that the building had been abandoned by that time.

The property retains integrity of location, setting, and materials. However, the state of disrepair of the building diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This property is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.2 Property Tt 2



Photograph 2-- Looking northeast at Tt 2. (July 9, 2014)



Photograph 3-- Looking northwest at Tt2. (July 9, 2014)



**Photograph 4-- Looking northwest at Tt 2. (July 9, 2014)**



**Photograph 5-- Looking northwest at Tt 2. (July 9, 2014)**



**Photograph 6-- Looking northwest at Tt 2. (July 9, 2014)**



**Photograph 7-- Looking northwest at Tt 2. (July 9, 2014)**

TT2 is a historic farmstead located in the southwest quarter of the southwest quarter of Section 6, Township 141N, Range 77W. Buildings have appeared in this location since at least 1912, when the George A. Ogle plat map showed “Jno. Anderson” owning a strip of land along the southern edge of this section as well as much of the northern half of section 7. In 1969, the Directory Services map showed Paul Borgois, Jr. owning a house located in this general area.

The property retains integrity of location and setting. However, the main house and many of the outbuildings appear to be new construction or have been modernized. This diminishes the integrity of design, workmanship, and feeling of the property. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.3 Property Tt 3



Photograph 8 -- Looking northwest at Tt 3. (July 9, 2014)



Photograph 9 -- Looking southwest at Tt 3. (July 9, 2014)



**Photograph 10 -- Looking northwest at Tt 3. (July 9, 2014)**



**Photograph 11 -- Looking southwest at Tt 3. (July 9, 2014)**



**Photograph 12 -- Looking southwest at Tt 3. (July 9, 2014)**



**Photograph 13 -- Looking southwest at Tt 3. (July 9, 2014)**



**Photograph 14 -- Looking west at Tt 3. (July 9, 2014)**



**Photograph 15 -- Looking west at Tt 3. (July 9, 2014)**



**Photograph 16 -- Looking west at Tt 3. (July 9, 2014)**



**Photograph 17 -- Looking southwest at Tt 3. (July 9, 2014)**

Tt 3 is a historic farmstead located in the northeast quarter of the northeast quarter of Section 6, Township 141, Range 77W. Buildings have appeared in this location since at least 1912, when the George Ogle plat map showed "A.T. Spangberg" owning a quarter section in this location. By 1969, the land was owned by Lee Sundquist.

The property retains integrity of location and setting. However, the introduction of a new main house and many new outbuildings diminishes the integrity of design, workmanship, materials, and feeling of the property. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.4 Property Tt 4



Photograph 18 -- Looking northeast at Tt 4. (July 9, 2014)



Photograph 19 -- Looking northeast at TT 4. (July 9, 2014)

Tt 4 is a historic farmstead located in the eastern half of the southeast quarter of Section 32, Township 141N, Range 77W. Buildings have appeared in this location since at least 1969, when the directory Services plat map showed "Raymond Norris" residing in this part of the quarter section.

The building is well screened by shelter belts. What is visible suggests that the property retains integrity of location, setting, and materials. However, views from the public right-of-way and aerial photographs suggest that several modern outbuildings have been introduced that diminish the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.5 Property Tt 5



**Photograph 20 -- Looking west at Tt 5. (July 9, 2014)**

Tt 5 is a historic farmstead located in the northeast quarter of the northeast quarter of Section 30, Township 142N, Range 77W. Buildings have appeared in this location since prior to the Directory Services plat map of 1969, which shows “Andrew & Raymond Olson” owning a residence in this quarter section. The residence is currently screened by the shelter belt.

The property retains integrity of location, setting, materials, design, workmanship, and feeling. However, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.6 Property Tt 6**



**Photograph 21 -- Looking north at Tt 6. (July 9, 2014)**



**Photograph 22 -- Looking north at Tt 6. (July 9, 2014)**

Tt 6 is a historic farmstead located in the southwest quarter of the southwest quarter of Section 20, Township 142N, Range 77W. Buildings have appeared in this location since prior to the George Ogle plat map of 1912, which shows "Oliver M. Jelip" owning this 200 acres on the western side of this section. In 1969 a house is indicated in this location but no owner is shown. By the time of the site visit the property only contained outbuildings: three grain storage bins and a gable-roofed shed.

The property retains integrity of location, setting, and materials. However, the absence of a main house and barn diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.7 Property Tt 7



Photograph 23 -- Looking southeast at Tt 7. (July 9, 2014)



Photograph 24 -- Looking southwest at Tt 7. (July 9, 2014)



Photograph 25 -- Looking southeast at Tt 7. (July 9, 2014)



Photograph 26 -- Looking southeast at Tt 7. (July 9, 2014)



**Photograph 27 -- Looking southeast at Tt 7. (July 9, 2014)**

Tt 7 is a historic farmstead located in the northwest quarter of the northwest quarter of Section 20, Township 142N, Range 20W. While no buildings are shown on the George Ogle plat map of 1912, which shows the land as owned by “Carl F. Christianson,” a farm is located here in the 1969 Directory Services plat map; it was owned by Erick Christianson.

The property retains integrity of location, setting, and materials. However, the addition of a trailer house as well as the apparent disappearance of a number of outbuildings diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.8 Property Tt 8



Photograph 28 -- Looking northeast at Tt 8. (July 8, 2014)



Photograph 29 -- Looking northeast at Tt 8. (July 8, 2014)



**Photograph 30 -- Looking southeast at Tt 8. (July 8, 2014)**



**Photograph 31 -- Looking northeast at Tt 8. (July 8, 2014)**



**Photograph 32 -- Looking southwest at Tt 8. (July 9, 2014)**



**Photograph 33 -- Looking east at Tt 8. (July 9, 2014)**

Tt 8 is a historic farmstead located in the western half of the western half of Section 6, Township 142N, Range 77W. Buildings have appeared in this location since the George Ogle plat map of 1912, which shows "C.R Perkins" and "Joy Perkins" owning residences in this portion of the section. By 1969 the land was owned by Grant Nelson, whose residence is the only one shown in this section. Aerial photos suggest that a building that looks like a residence was replaced between 1997 and 2003 by a larger, more industrial building. The property now appears to have no residence on it.

The property retains integrity of location and setting. However, the demolition of the main house and the introduction of the recent buildings diminishes the integrity of materials, design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.9 Property Tt 9



Photograph 34 -- Looking east at Tt 9. (July 8, 2014)



Photograph 35 -- Looking east at Tt 9. (July 8, 2014)



**Photograph 36 -- Looking east at Tt 8. (July 8, 2014)**



**Photograph 37 -- Looking east at Tt 9. (July 8, 2014)**



**Photograph 38 -- Looking east at Tt 9. (July 9, 2014)**

Tt 9 is a historic farmstead located in the northeast quarter of the southeast quarter of Section 5, Township 142N, Range 77W. Buildings have appeared in this location since at least 1969, when the Director Service Company plat map shows “Darrell Kling” owning a residence in this location.

The property retains integrity of location and setting. However, modifications to many of the buildings, including expansion, replacement siding, and replacement windows, diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.10 Property Tt 10**



**Photograph 39 -- Looking north at Tt 10. (July 9, 2014)**



**Photograph 40 -- Looking north at Tt 10. (July 9, 2014)**



Photograph 41 -- Looking north at Tt 10. (July 9, 2014)



Photograph 42 -- Looking northeast at Tt 10. (July 9, 2014)



**Photograph 43 -- Looking northeast at Tt 10. (July 9, 2014)**



**Photograph 44 -- Looking west at Tt 10. (July 9, 2014)**

Tt 10 is a historic farmstead located in the southwest quarter of the southwest quarter of Section 21, Township 142N, Range 77W. Buildings have appeared in this location since the prior to 1969, when the Directory Services plat map showed "A. Schwartz" owning this quarter section as well as the southern half of the quarter section directly to the west.

The property retains integrity of location and setting. However, the introduction of a large new building (visible on aerial photos and from a distance) and the use of new windows and siding on the main house diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.11 Property Tt 11



Photograph 45 -- Looking west at Tt 11. (July 9, 2014)



Photograph 46 -- Looking west at Tt 11. (July 9, 2014)



Photograph 47 -- Looking west at Tt 11. (July 9, 2014)



Photograph 48 -- Looking west at Tt 11. (July 9, 2014)



**Photograph 49 -- Looking west at Tt 11. (July 9, 2014)**



**Photograph 50 -- Looking west at Tt 11. (July 9, 2014)**



**Photograph 51 -- Looking west at Tt 11. (July 9, 2014)**



**Photograph 52 -- Looking northeast at Tt 11. (July 9, 2014)**



**Photograph 53 -- Looking north at Tt 11. (July 9, 2014)**

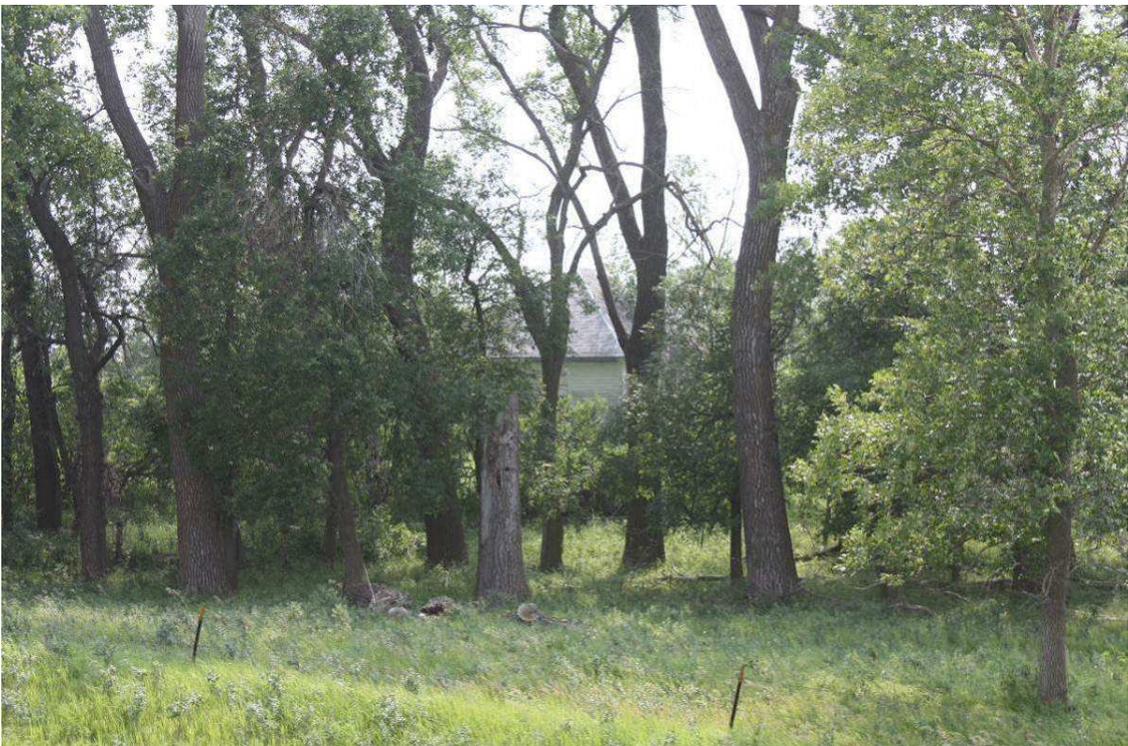
Tt 11 is a historic farmstead located in the southeast quarter of the northeast quarter of Section 16, Township 142N, Range 77W. Buildings have appeared in this location since prior to 1969 when the Directory Services plat map showed "Lawrence Hapkins" owning a residence in this section.

The property retains integrity of location, setting, and feeling. However, the use of modern materials on many of the buildings diminishes the integrity of design, workmanship, and materials. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.12 Property Tt 12



Photograph 54 -- Looking northeast at Tt 12. (July 9, 2014)



Photograph 55 -- Looking west at Tt 12. (July 9, 2014)



Photograph 56 -- Looking northwest at Tt 12. (July 9, 2014)



Photograph 57 -- Looking northeast at Tt 12. (July 9, 2014)

Tt 12 is a historic farmstead located in the southeast quarter of the southeast quarter of Section 4, Township 142N, Range 77W. Buildings have appeared in this location since prior to the Directory Services plat map of 1969, which shows "Clyde Little" owning a residence in location.

The property retains integrity of location, setting, and materials. However, the state of disrepair of many of the outbuildings diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.13 Property Tt 13



Photograph 58 -- Looking south at Tt 13. (July 9, 2014)



Photograph 59 -- Looking south at Tt 13. (July 9, 2014)



Photograph 60 -- Looking southeast at Tt 13. (July 9, 2014)



Photograph 61 -- Looking south at Tt 13. (July 9, 2014)

Tt 13 is a historic farmstead located in the northwest quarter of the northeast quarter of Section 3, Township 142N, Range 77W. Buildings have appeared in this location since before 1969 when the Directory Services plat map of showed "Vernon Johns" owning a residence in this location.

The property retains integrity of location, setting, and materials. However, the state of disrepair of many of the buildings diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.14 Property Tt 14



**Photograph 62 -- Looking southwest at Tt 14. (July 9, 2014)**

Tt 14 is an isolated building located in the northwest quarter of the southeast quarter of Section 14, Township 142N, Range 77W. Buildings have appeared in this location since the George Ogle plat map of 1912, which shows “Max Bilow” owning this quarter section. By 1969, the building located here is shown as an empty square, suggesting that it has been abandoned.

The property retains integrity of location, setting, and materials. However, the state of disrepair of the building diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in to the NRHP.

### 3.1.15 Property Tt 15



Photograph 63 -- Looking northwest at Tt 15. (July 9, 2014)



Photograph 64 -- Looking southwest at Tt 15. (July 9, 2014)



Photograph 65 -- Looking northwest at Tt 15. (July 9, 2014)



Photograph 66 -- Looking northwest at Tt 15. (July 9, 2014)

Tt 15 is a historic farmstead located in the southeast quarter of the southeast quarter of Section 2, Township 142N, Range 77W. While maps including the 1969 Directory Services plat map do not show buildings on this site, features of the house located here, such as the transite siding and 3/1 double-hung windows on the north side, suggest that it is more than 45 years old.

The property retains integrity of location, setting, and materials. However, the addition of a concrete block outbuilding and a trailer house diminishes the integrity of design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.16 Property Tt 16**



**Photograph 67 -- Looking west at Tt 16. (July 9, 2014)**



**Photograph 68 -- Looking west at Tt 16. (July 9, 2014)**



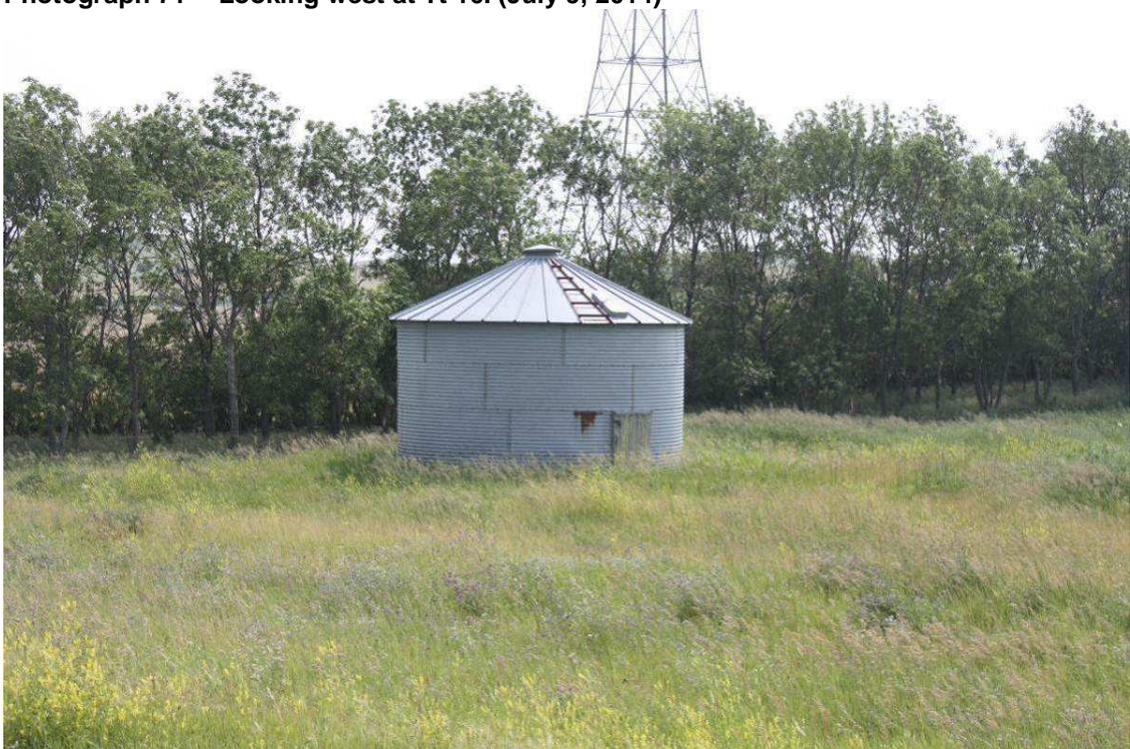
**Photograph 69 -- Looking west at Tt 16. (July 9, 2014)**



**Photograph 70 -- Looking west at Tt 16. (July 9, 2014)**



**Photograph 71 -- Looking west at Tt 16. (July 9, 2014)**



**Photograph 72 -- Looking west at Tt 16. (July 9, 2014)**

Tt 16 is a historic farmstead located in the northeast quarter of the southeast quarter of Section 2, Township 142N, Range 77W. Buildings have appeared in this location since prior to 1912, when the George Ogle plat map showed "Jane O. Mathison" owning this quarter section with a residence upon it. By 1969 the land was the residence of Fred Bittner.

The property retains integrity of location and setting. However, the apparent removal of the main house and its replacement by a trailer house, along with the state of disrepair of many of the outbuildings, diminishes the integrity of materials, design, workmanship, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.17 Property Tt 17**



**Photograph 73 -- Looking south at Tt 17. (July 8, 2014)**



**Photograph 74 -- Looking east at Tt 17. (July 9, 2014)**



Photograph 75 -- Looking east at Tt 17. (July 9, 2014)



Photograph 76 -- Looking east at Tt 17. (July 9, 2014)

Tt 17 is a modern farmstead located in the southwest quarter of the northwest quarter of Section 7, Township 142, Range 76W. No buildings occur in this location in the 1969 plat map; an examination from the public right-of-way confirmed that the buildings do not appear to be 50 years old or older. The farmstead is recommended as not eligible for listing in the NRHP because all of the buildings appear to be too recent to meet the age requirement for listing in the NRHP.

### 3.1.18 Property Tt 18



**Photograph 77 -- Looking south at Tt 18. (July 9, 2014)**

Tt 18 is a historic farmstead located in the southeast quarter of the southwest quarter of Section 24, Township 143N, Range 77W. Buildings have appeared in this location since prior to the 1969 Directory Services plat map which showed “Andrew Huff” owning a residence in this location.

The property retains integrity of location and setting. However, at the time of the field visit the main house and outbuildings were no longer standing; this diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

### 3.1.19 Property Tt 19



Photograph 78 -- Looking north at Tt 19. (July 8, 2014)



Photograph 79 -- Looking northwest at Tt 19. (July 8, 2014)



Photograph 80 -- Looking west at Tt 19. (July 8, 2014)



Photograph 81 -- Looking northwest at Tt 19. (July 8, 2014)



**Photograph 82 – Looking northwest at Tt 19. (July 9, 2014)**



**Photograph 83 -- Looking northwest at Tt 19. (July 9, 2014)**

Tt 19 is a historic farmstead located in the northeast quarter of the southeast quarter of Section 6, Township 142N, Range 76W. Buildings have appeared in this location since at least 1912, when the George Ogle plat map showed "A. A. Leavitts" owning a residence on this quarter section. In 1969 it was owned by Theodore Fischer.

The property retains integrity of location and setting. However, the introduction of a large number of modern outbuildings diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.20 Property Tt 20**



**Photograph 84 -- Looking west at Tt 20. (July 8, 2014)**



**Photograph 85 -- Looking northwest at Tt 20. (July 8, 2014)**



Photograph 86 -- Looking northwest at Tt 20. (July 8, 2014)



Photograph 87 -- Looking north at Tt 20. (July 8, 2014)

Tt 20 is a modern farmstead located in the southeast quarter of the southeast quarter of Section 30, Township 143, Range 76W. No buildings occur in this location in the 1969 plat map; an examination from the public right-of-way confirmed that the buildings do not appear to be 50 years old or older. The farmstead is recommended as not eligible for listing in the NRHP because all of the buildings appear to be too recent to meet the age requirement for listing in the NRHP.

**3.1.21 Property Tt 21**



**Photograph 88 -- Looking west at Tt 21. (July 8, 2014)**



**Photograph 89 -- Looking northwest at Tt 21. (July 8, 2014)**



**Photograph 90 -- Looking northwest at Tt 21. (July 8, 2014)**



**Photograph 91 -- Looking west at Tt 21. (July 8, 2014)**



Photograph 92 -- Looking southwest at Tt 21. (July 9, 2014)



Photograph 93 -- Looking southeast at Tt 21. (July 9, 2014)



**Photograph 94 -- Looking southeast at Tt 21. (July 8, 2014)**



**Photograph 95 -- Looking northeast at Tt 21. (July 8, 2014)**



Photograph 96 -- Looking northwest at Tt21. (July 8, 2014)



Photograph 97 -- Looking north at Tt 21. (July 8, 2014)



**Photograph 98 -- Looking northwest at Tt 21. (July 8, 2014)**

Tt 21 is a historic farmstead located in the southwest quarter of the southeast quarter of Section 30, Township 143N, Range 30W. Buildings have appeared in this location since prior to the Directory Services plat map of 1969, which shows "Harold Williams" owning a residence in this quarter section.

The property retains integrity of location and setting. However, the introduction of a large number of modern outbuildings diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

**3.1.22 Property Tt 22**



Photograph 99 -- Looking northeast at Tt 22. (July 8, 2014)



Photograph 100 -- Looking south at Tt 22. (July 8, 2014)



**Photograph 101 -- Looking south at Tt 22. (July 8, 2014)**

Tt 22 is a historic farmstead located in the northeast quarter of the northwest quarter of Section 20, Township 143N, Range 76W. Buildings have appeared in this location since prior to the George Ogle plat map of 1912, which shows “C.J. Rhoads” owning a residence in this location. On the 1969 Directory Services plat map, the property is owned by Henry Hein.

The property retains integrity of location and setting. However, the introduction of modern cladding, windows, and new buildings diminishes the integrity of design, workmanship, materials, and feeling. Additionally, it is not known to be associated with any historic events important to local, state or national history (Criterion A), does not have significant or unusual architecture (Criterion C), nor is it thought to have significant potential to yield historical information (Criterion D). Further research may yield information about those who lived here; at this time no association with a significant historical figure is known (Criterion B). This farmstead is recommended by Tetra Tech as not eligible for listing in the NRHP.

## **Conclusions**

The Project consists of a turbine fields with 58 wind turbine generators stretching from Cromwell Township in the southwest to Richmond Township in the northeast; subsequent to field work the turbines in Cromwell and Trygg townships were removed from the layout (Figure 3). In consultation with SHSND, the APE has been defined as the area located within 1 mile of any turbine based on the June 2014 layout. The western portion of the APE was previously surveyed for the 2012 layout of the Wilton IV Wind Energy Center (Sexton 2013); SHSND concurred with the recommendation of the report that a finding No Historic Properties Affected was appropriate. SHSND also agreed that, since the earlier Wilton IV survey was recent, the survey area for the present study comprised only those areas not previously surveyed.

A Class I File Search and Class II Reconnaissance Survey were undertaken to identify those properties within 1 mile of the proposed Project that might be historic (i.e., 45 years old or older). The File Search located one manuscript and associated site forms for resources located within 1 mile of the nearest Project element. During field work for the Reconnaissance Survey, 22 properties were observed; documentary research showed that 20 of these were 45 years old or older. Although greater than 45 years old, Tetra Tech recommends that none of these are potentially eligible for listing in the NRHP. Consequently, provided that the Project is constructed as described herein, a finding of **No Historic Properties Affected** is recommended.

### 3.0 REFERENCES CITED

Barth, A., and E. Stine

2010. *Baldwin Wind Energy Center: A Class III Cultural Resource Inventory in Burleigh County, North Dakota*. Manuscript on file at the State Historical Society of North Dakota, Bismarck. Manuscript No. 011608.

General Land Office Survey Plat Maps of North Dakota

1887. *General Land Office Survey Plat Maps of North Dakota*. Electronic document, <http://survey.swc.nd.gov/>, accessed October 19, 2011.

Geo. A. Ogle and Company

- 1912 *Standard Atlas of Burleigh County, North Dakota*. Geo. A. Ogle and Company, Chicago, Illinois.

National Agriculture Imagery Program

2010. *Aerial Photographs of Burleigh County, North Dakota*. U.S. Department of Agriculture, Washington, D.C.

National Park Service

1983. *Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation*. National Park Service, United States Department of the Interior, Washington, D.C.
1997. *National Register Bulletin No. 15, How to Apply the National Register Criteria for Evaluation*. Rev. ed. National Park Service, United States Department of the Interior, Washington, D.C.

Sexton, J.

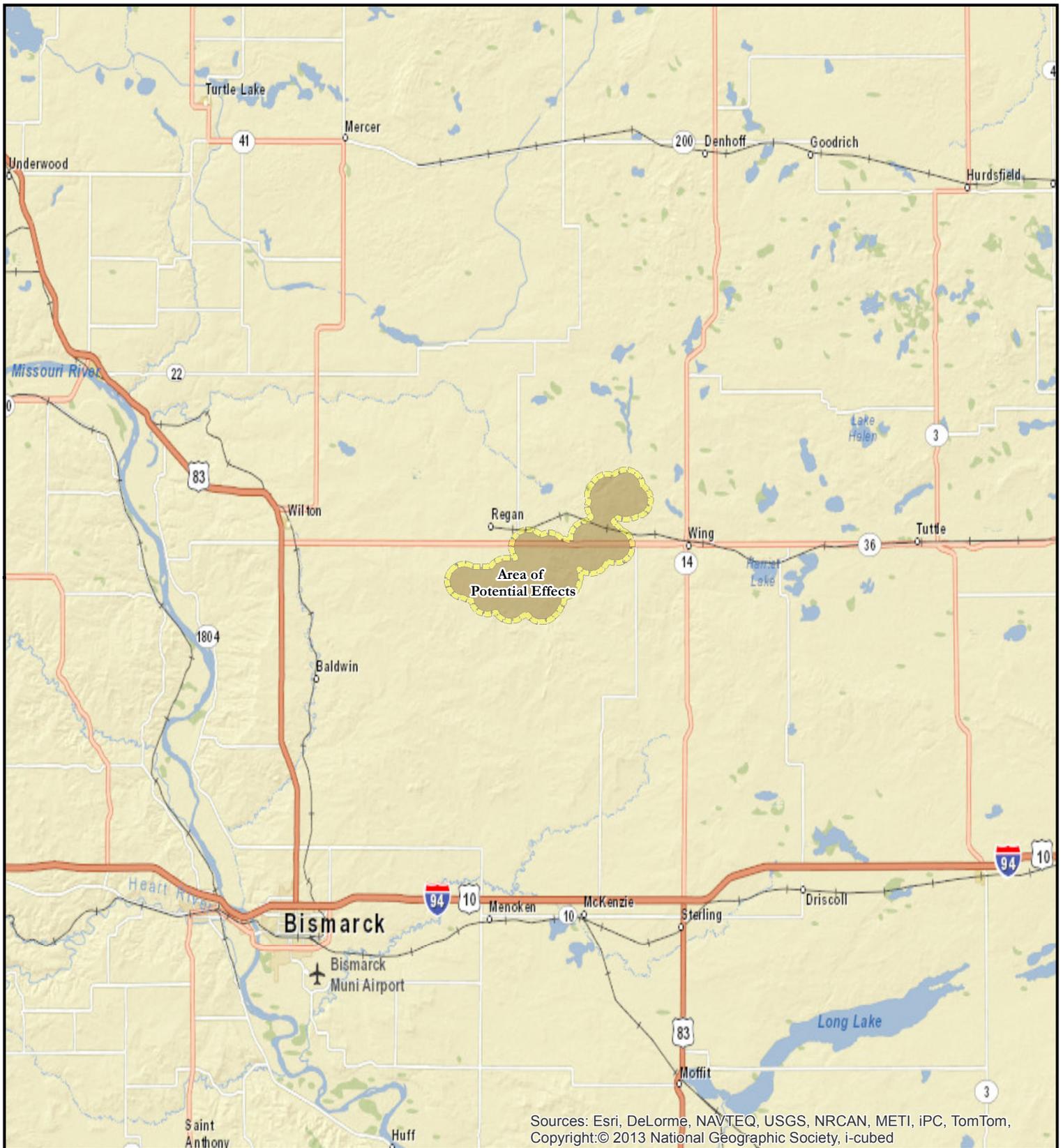
2013. *Wilton IV Wind Energy Center: A Class II Architectural Reconnaissance Survey In Burleigh County, North Dakota*. Tetra Tech EC, Morris Plains, New Jersey.

Thomas O. Nelson Company

1969. *Atlas of the State of North Dakota*. Thomas O. Nelson Company, Fergus Falls, Minnesota.

## FIGURES

This page intentionally left blank



**Legend**

Area of Potential Effects  
 8/25/2014

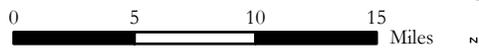
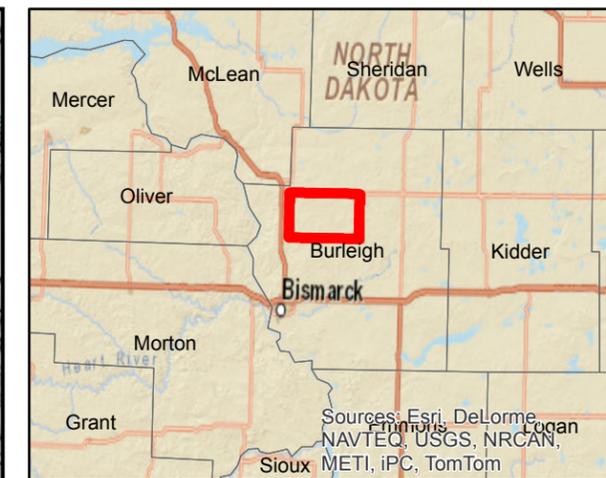
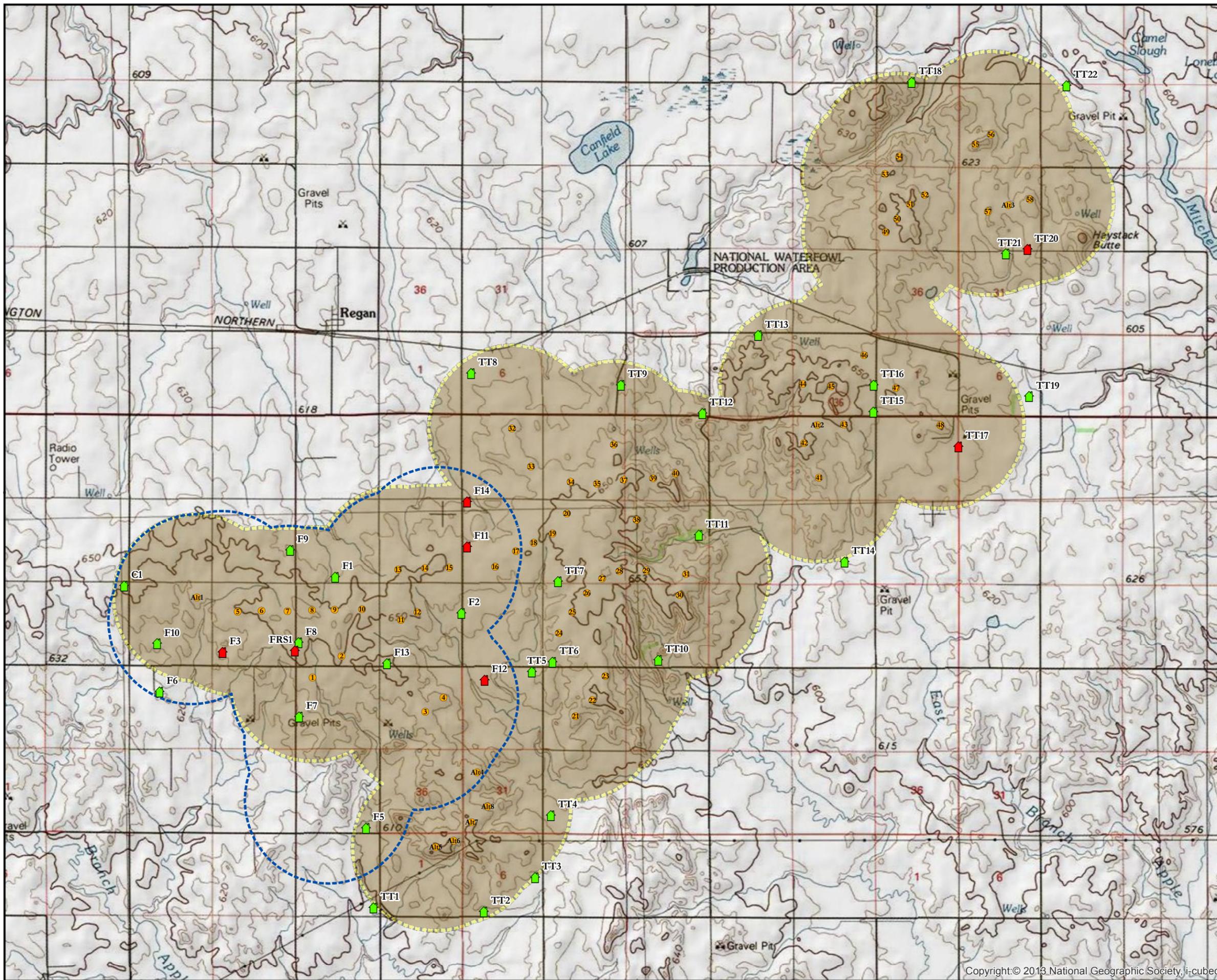


Figure 1:  
 Project Location  
 Wilton IV Wind Energy Center  
 Burleigh County, North Dakota





**Legend**

- Facility Layout 6/18/2014
- 🏠 Newly Documented Property
- 🏠 Property Evaluated and Determined Not 45 Years or Older
- Area of Potential Effects (APE)
- Previously Surveyed APE

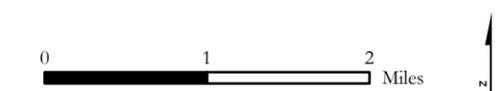
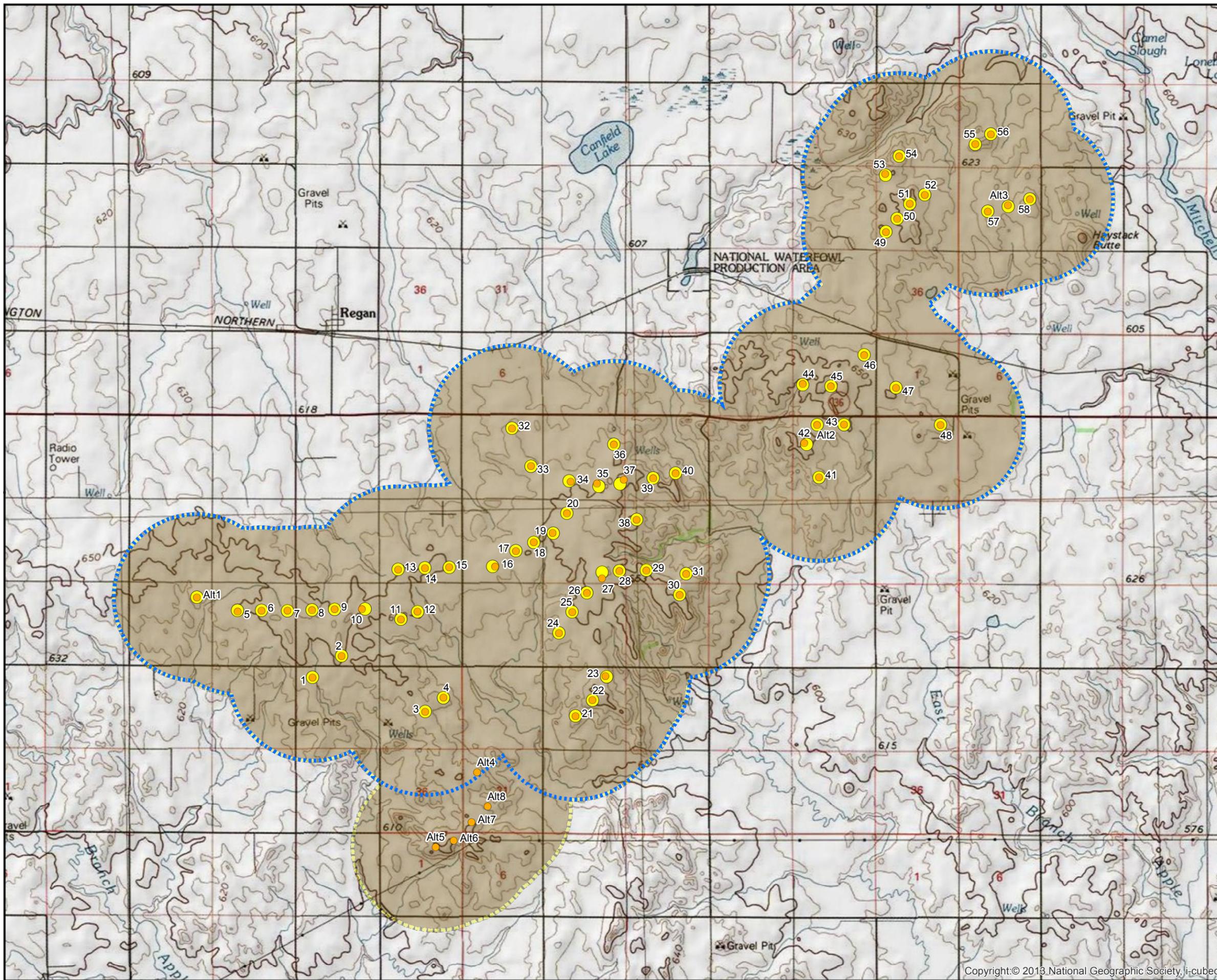


Figure 2  
 Historic Properties within  
 the APE for Historic Architecture  
 Wilton IV Wind Energy Center  
 Burleigh County, North Dakota



**Legend**

- Facility Layout 6/18/2014
- Area of Potential Effects (APE) 6/18/2014
- Facility Layout 8/25/2014
- Area of Potential Effects (APE) 8/25/2014

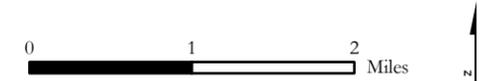


Figure 3  
 Comparison of June 18, 2014 APE  
 with August 25, 2014 APE  
 Wilton IV Wind Energy Center  
 Burleigh County, North Dakota



**APPENDIX A**

Agency Communications

This page intentionally left blank



***RECORD OF TELEPHONE CONVERSATION***

**CALLER:** James Sexton **DATE:** June 20, 2014  
**DISCUSSION WITH:** Susan Quinnell, State Historical Society of North Dakota  
**SUBJECT:** **Level of Effort for Wilton IV Wind Farm**

---

Spoke with Susan Quinnell at the SHSND to clarify what they were seeking in terms of a report/site forms. She confirmed that as I was a qualified architectural historian that the SHSND would require site forms only for those properties which were determined in the field (and with research) to be potentially National Register eligible. The AH report, which will include all properties within the APE, will serve to provide documentation of the survey and the buildings observed.