



# Jamestown to Ellendale (JETx) 345 kV Transmission Line

Class III Cultural Resource  
Inventory, Dickey, LaMoure, and  
Stutsman Counties, North Dakota –  
Volume 2

**Prepared for:**

Otter Tail Power Company and  
Montana-Dakota Utilities Company

**Prepared by:**

HDR Engineering, Inc.

**FINAL**

**October 2025**



### MANUSCRIPT DATA RECORD FORM

1. Manuscript Number:
2. SHPO Reference #:
3. Author(s): Laura Koski, John Seidl, and Jennifer Bring
4. Title: Jamestown to Ellendale (JETx) 345kV Transmission Line: Class III Cultural Resource Inventory, Dickey, LaMoure, and Stutsman Counties, North Dakota - Volume 2
5. Report Date: October 2025
6. Number of Pages: 117
7. Type I, T, E, O: I
8. Acres: 44.76
9. Legal Location(s) with Historic Context Study Unit(s):

County	TWP	R	SEC	SU
Stutsman	139	63	12	James River (Unit #7)
Stutsman	141	63	13	James River (Unit #7)

## Abstract

HDR Engineering, Inc. (HDR) contracted with Juniper, LLC (Juniper), to conduct a Class III Cultural Resource Inventory during the 2024 field season for the Otter Tail Power Company and Montana-Dakota Utilities Co. proposed Jamestown to Ellendale (JETx) 345-kV Transmission Line in Stutsman, LaMoure, and Dickey Counties, North Dakota (Project). The proposed undertaking consists of the construction of approximately 92 miles of new, 345kV Transmission Line within a 150' wide Project Corridor. Juniper surveyed 40.6 miles of the 92-mile Project Corridor in 2024. The width of the survey area was 500' (250' on either side of the proposed Route centerline) for a total of 2,452 acres surveyed to Class III standards following the State Historical Society of North Dakota guidelines (SHSND 2020).

This report (Volume 2) addresses three areas of the Project Corridor that are proposed to be rerouted since completion of the 2024 Class III inventory, approximately 45 acres of which were surveyed during that inventory. The northernmost reroute is located at the very northern end of the Project Corridor in T139N, R63W, Section 12. The central reroute crosses the James River in T139N, R63W, Sections 11-12. The southernmost reroute is located in T135N, R63W, Section 33 and T134N, R63W, Sections 4 and 9. Additionally, several planned structure locations have shifted to be closer to or further away from 19 of the cultural resources identified during the 2024 Class III inventory. Results discussed in this report will focus on the 2024 inventory Juniper has already completed within the three reroute areas (hereon referred to as the updated Inventory Corridor) that was not reported in Volume 1, recommendations for the remaining sections of the reroute areas that have not yet been inventoried, and updated maps and measurements for the 19 cultural resources nearby proposed structure location shifts. The results of the remainder of the original and updated Inventory Corridor covered during the 2024 Class III are documented in Volume 1 (Morrison et al. 2025). All methods utilized in this report reflect the same methods outlined within and used for Volume 1.

The archaeologists conducted the Class III inventory between May and October 2024, portions of which overlap the three reroute areas. Personnel from Juniper, HDR, and the Sisseton Wahpeton Oyate (SWO) Tribal Historic Preservation Office (THPO) worked together to identify and record new and previously recorded cultural resources. The SWO Traditional Cultural Specialists (TCSs) provided tribal perspective and interpretation of the cultural resources identified in the field and on the overall proposed Project.

Four cultural heritage sites that had been inventoried outside of the previous Inventory Corridor during the 2024 Class III inventory are now located inside, or within 50' of, the updated Inventory Corridor. These include CHF-SN0106, CHF-SN0121, CHF-SN0122, and CHF-SN0133. These four sites have been unevaluated for the NDSHSR. Four cultural resources recorded during the 2024 Class III and reported in Volume 1 are now located outside of and greater than 50' from the updated Inventory Corridor due to the reroutes: 32SNx310, 32SN863, 32SN130, and CHF-SN0032 (Table 6).

In total, during the 2024 Class III inventory the archaeologists and TCSs identified 93 new cultural resources within, and eight new cultural resources adjacent to, the updated Inventory

Corridor (including the three rerouted areas). This survey also included attempts to revisit and document updates to 11 previously identified cultural resources within the updated Inventory Corridor during this survey. HDR and Juniper also completed an updated literature review in February of 2025 to identify whether additional sites have been reported since the Project's original Class I Literature Review completed in February of 2023. The previously recorded cultural resources include archaeological isolated finds, prehistoric stone features sites (cultural heritage sites), historical archaeological sites, architectural properties, and archaeological site leads. Descriptions, evaluations, and management recommendations for each of the resources in the updated Inventory Corridor are included in this document. Thirty-three LiDAR anomalies identified in the cultural resources sensitivity report lay within the updated Inventory Corridor and were reviewed during the 2024 survey. Six of the 33 LiDAR anomalies were confirmed as cultural resources and are included in the totals above. None lie in the updated Inventory Corridor for the three reroute areas, and therefore LiDAR anomalies are not discussed in detail in this report. See Volume 1 (Morrison et al. 2025) for a detailed discussion of the LiDAR anomalies. The Project proponents intend to avoid impacts to the newly and previously recorded cultural resources for the entirety of the Project Corridor.

Approximately 9.4 miles of Route centerline remains that need to be inventoried to Class III standards, that includes 4.7 miles that Juniper was not granted access by landowners to inventory in 2024, and an additional 4.7 miles that were added during Project reroutes after completion of the 2024 Class III. Once access is obtained to the remaining 9.4 miles, an addendum or supplemental report will be developed and submitted to the North Dakota State Historic Preservation Office (ND SHPO) for concurrence.

Provided the management recommendations for the total 93 newly recorded cultural resources within the updated Inventory Corridor, the eight cultural resources within 50' of the updated Inventory Corridor, and 11 previously recorded cultural resources within the updated Inventory Corridor are implemented, and because the other previously recorded cultural resources that lie outside the Project Corridor will not be impacted by the construction of the proposed transmission line, HDR recommends a finding of **No Significant Sites Affected** for the proposed undertaking, including the three reroutes covered in this document.

The proposed undertaking falls under the jurisdiction of the North Dakota Public Service Commission. The proponents submitted a Consolidated Application for a Certificate of Corridor Compatibility and Route Permit for the construction of the transmission line on August 8, 2025. The proposed facility will connect existing facilities (substations) in Jamestown and Ellendale.

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# I. Introduction

HDR Engineering, Inc. (HDR) contracted with Juniper, LLC, (Juniper) to conduct a Class III Cultural Resource Inventory during the 2024 field season for the Otter Tail Power Company (OTP) and Montana-Dakota Utilities Co. (Montana-Dakota) proposed Jamestown to Ellendale (JETx) 345-kV Transmission Line in Stutsman, LaMoure, and Dickey Counties, North Dakota (Project). The proposed undertaking consists of the construction of approximately 92 miles of new 345-kV Transmission Line within a 150' wide Project Corridor that will connect existing utility facilities in Jamestown and Ellendale (**Figure 1**).

This report (Volume 2) addresses three areas of the Project Corridor that are proposed to be rerouted since completion of the 2024 Class III inventory (**Figure 1** and **Appendix A**). The Project Corridor documented in this Volume 2 report with the proposed reroute areas incorporated is hereon referred to as the updated Project Corridor. The northernmost reroute is located at the very northern end of the Project Corridor in T139N, R63W, Section 12. The central reroute crosses the James River in T139N, R63W, Sections 11-12. The southernmost reroute is located in T135N, R63W, Section 33 and T134N, R63W, Sections 4 and 9. Class III inventory results discussed in this report will focus on the 2024 inventory Juniper has already completed within the reroute areas (hereon referred to as the updated Inventory Corridor) that was not reported in Volume 1, updated measurements from cultural resources to shifted transmission structure locations, as well as recommendations for the remaining sections of the reroute areas that have not yet been inventoried. The results of the remainder of the original and updated Inventory Corridor covered during the 2024 Class III are documented in Volume 1 (Morrison et al. 2025). All methods utilized in this report reflect the same methods outlined within and used for Volume 1.

The total Project is expected to require approximately 506 transmission structures with spans ranging from 250' to 1,300' (1,000' average) which will vary depending on geological, environmental, or engineering constraints identified during surveying, permitting, and final engineering designs. Most of the structures are anticipated to be monopole structures with davit arms. The only specialty structures currently planned will be at the two existing high voltage transmission line crossings. The monopole structures are anticipated to be approximately 120' to 180' tall and will be bolted to concrete drilled pier foundations embedded in the ground. Foundation sizes vary generally from 7' to 14' in diameter and from approximately 25' to 80' in depth. Additional specialty structures such as H-frame or three-pole structures may be used where unique features are encountered along the route, such as at substation tie-ins, but are not currently anticipated. Temporary ground disturbance around each of the new structures is anticipated to be approximately 150' x 200' during construction, or approximately 0.69 acres at each structure. In areas closer to cultural resources, ground disturbance will be minimized to avoid impacting the sites. Access to and from bases will be accomplished using primarily existing access paths and trails that lie within the inventoried corridor.

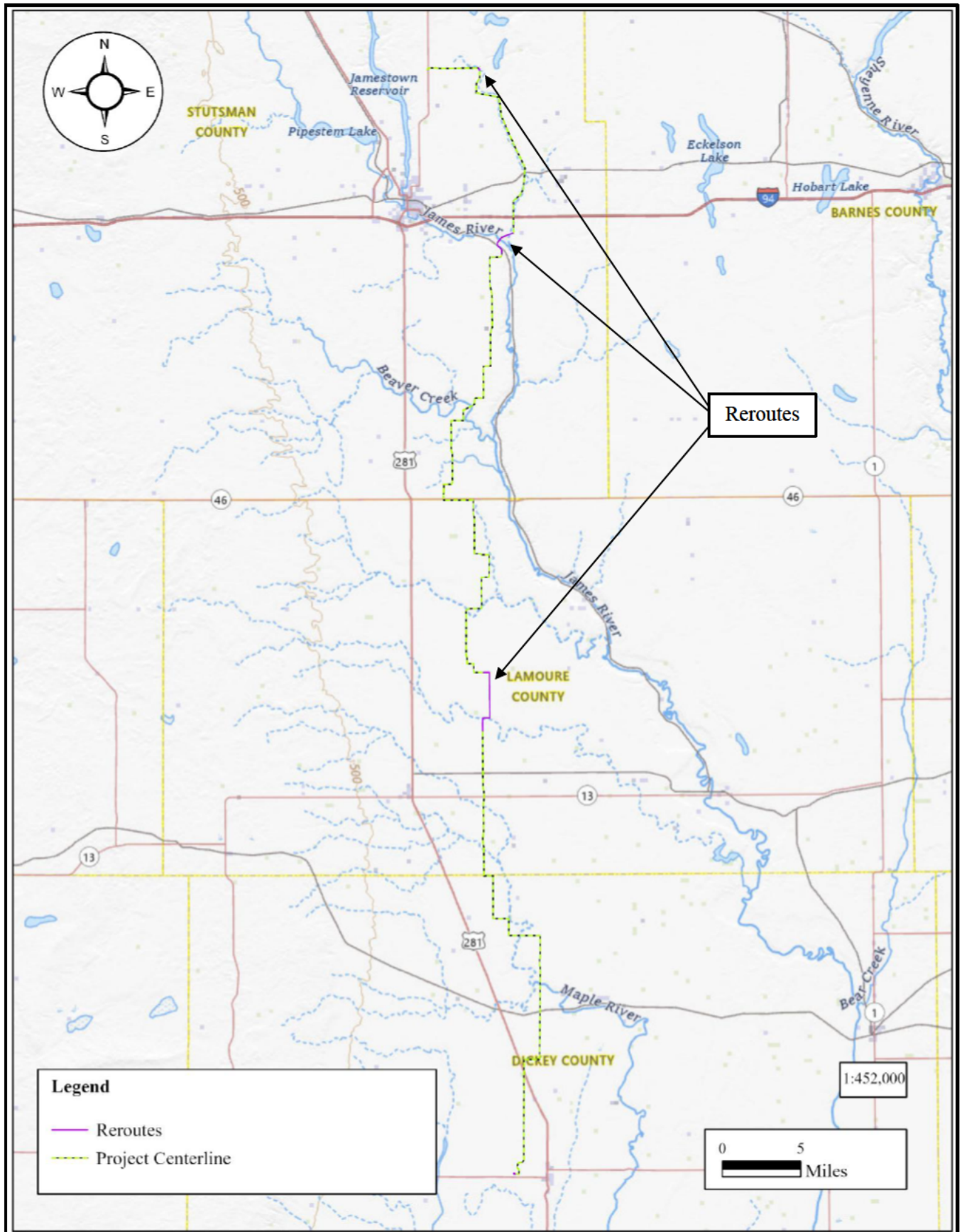


Figure 1: Regional location of the proposed JETx 345kV Transmission Line.

The proposed undertaking falls under the state-level jurisdiction of the Public Service Commission (PSC). A Consolidated Application for a Certificate of Corridor Compatibility and Route Permit (Application) for the construction of the transmission line was submitted to the PSC August 8, 2025. A singular route has been selected for the Application (referred to as Route hereon). This report has been prepared to focus on the results of the inventory pertaining to the proposed reroute areas that are part of the Route submitted within the Application to the PSC (Appendix A). The results of the inventory completed outside of this Route are being compiled within a separate report. A federal nexus through the United States Army Corps of Engineers (USACE) has been identified for the area of the Project that crosses the James River. USACE, as the lead federal agency, will conduct its own Section 106 review and consultation for the portions of the cultural resource survey area that falls within USACE jurisdictional areas specifically surrounding the James River.

The 2024 Class III inventory that covered portions of the reroutes, conducted to State Historical Society of North Dakota Class III standards (SHSND 2020), took place between May and November 2024. Archaeologists reviewed a total of 44.76 acres of the updated Inventory Corridor within the reroute areas: 4.25 acres of which were completed in the northernmost reroute area, and 40.14 acres were inventoried within the central (James River crossing) reroute area. None of the southern reroute area has been inventoried due to lack of landowner permission to access. Field personnel from Juniper, HDR, and the Sisseton Wahpeton Oyate (SWO) Tribal Historic Preservation Office (THPO) worked together to identify and record cultural resources. The SWO Tribal Cultural Specialists (TCSs) provided perspective and interpretation of the cultural resources identified in the field, how the resources were recorded, and the management recommendations at each location. The SWO TCS staff were consulted in an ongoing manner during the fieldwork.

In total during the 2024 Class III inventory, archaeologists reviewed 40.6 miles of the full 92 miles of updated Project Corridor (including the three reroute areas). Due to lack of landowner permission, 4.7 miles of the proposed Project Corridor that overlap with the updated Project Corridor that had been selected by HDR and the North Dakota State Historic Preservation Office [ND SHPO] for survey could not be accessed and were not inventoried. Additionally, 4.7 miles of the three areas within the updated Project Corridor proposed to be rerouted after completion of the 2024 Class III inventory have yet to be surveyed. Once permission is granted, these 9.4 miles of updated Project Corridor will be inventoried for cultural resources.

The archaeologists and TCSs recorded a total of 101 new cultural resources within 50' of the updated Inventory Corridor and updated the information for 10 of the 11 previously recorded cultural resources during this inventory. Four cultural heritage sites that had been inventoried outside of the previous Inventory Corridor during the 2024 Class III inventory are now located inside, or within 50' of, the updated Inventory Corridor. These include CHF-SN0106, CHF-SN0121, CHF-SN0122, and CHF-SN0133. Discussion of these four cultural heritage sites is included in the RESULTS and Stutsman County Newly Recorded Cultural Resources sections. These four sites have been unevaluated for the NDSHSR. Four cultural resources recorded during the 2024 Class III survey and reported in Volume 1 are now located outside of and greater



than 50' from the updated Inventory Corridor due to the reroutes: 32SNx310, 32SN863, 32SN130, and CHF-SN0032 (Table 6).

Illustrations, maps, field notes, and photographic records relevant to the undertaking are on file at the Juniper office in Bismarck, North Dakota. The Volume 1 report (Morrison et al. 2025) can be referenced for a discussion and photographs of the Environmental Setting of the Project.

## II. Research Goals and Evaluation of Research

In the event the Project were to require federal permitting or funding, the Class I Literature Review and Class III field survey were conducted in compliance with policies and standards outlined within Section 106 of the National Historic Preservation Act (NHPA: PL 89-665, as amended; 16 USC 470). Additionally, the cultural resources work followed ND Administrative Code Article 40-02, Archaeology and Historic Preservation, and the North Dakota Century Code Chapter 55-10, as amended. The updated Inventory Corridor was inspected to locate and identify cultural resources that could be impacted by the Project. The recommended survey areas were defined in consultation with the ND SHPO as part of the Cultural Sensitivity Analysis submitted by HDR in 2023 (see HDR 2024, below).

The goal of the Class III inventory was to allow HDR, OTP and Montana-Dakota, the PSC, the SWO THPO, and the ND SHPO to plan the proposed development to avoid significant cultural resources. The methods employed for this inventory greatly decreased the potential that the Project proponents would encounter situations that would require testing or mitigation of cultural resources within the updated Inventory Corridor prior to construction. The overall goal of the inventory has been achieved as the new and previously recorded cultural resources can be avoided by the construction of the transmission line.

## III. Literature Review

On February 17, 2023, the State Historical Society of North Dakota (SHSND) SHPO office supplied Juniper with relevant GIS and documentary data (cultural resource locations and previous investigations) covering an initial proposed study area for the transmission line of 808 legal sections between Jamestown and Ellendale, North Dakota, covering 520,090 acres. In addition, Juniper reviewed historic photos and maps, LiDAR data, site forms, and previous reports of investigations, in order to refine the data to cover a more targeted study area related to the Project. HDR then used this data to further refine and define a proposed route and an alternative route for the transmission line.

Based on additional review of the SHSND data, along with a review of historic aerial photographs and maps, and available LiDAR imagery/data, HDR completed a cultural resources sensitivity report for a preferred and an alternate route covering 30,963 acres total, defined as the Study Area, and submitted the results and recommendations regarding the routes in the report *A Class I Review of the Proposed Jamestown to Ellendale Transmission Line Route Corridors*,

*Stutsman, Lamoure, and Dickey Counties, North Dakota* to the ND SHPO for comment in March 2024 (HDR 2024).

HDR and Juniper completed an updated literature review in February of 2025 to identify whether additional sites have been reported since the Project's original Class I Literature Review completed in February of 2023. The reroute areas and their respective one-mile buffers and Class I results are illustrated in the full Class I results figure series in Appendix D. The northernmost reroute area can be found in Appendix D: **Figure 60** and **Figure 61**. The central reroute area crossing the James River can be found in Appendix D: **Figure 58**. The southernmost reroute area can be found in Appendix D: **Figure 52**.

In total, seven sites and site leads were identified within one mile of the central reroute area crossing the James River. No sites or site leads were identified within one mile of the northernmost or southernmost reroutes. These sites and site leads are summarized in Table 1.

**Table 1. Previously Recorded SHPO Sites/Leads Within One Mile of Reroute Areas (HDR 2024)**

Site number	Type	Name/Description	NRHP Eligibility	Within Updated Inventory Corridor	Within Updated Project Corridor
32SN0060	Site	Midland Continental Railroad	Unevaluated	Yes	Yes
32SN0105	Site	Precontact material scatter	Unevaluated	No	No
32SN0132	Site	Precontact material scatter	Unevaluated	Yes	Yes
32SN0135	Site	Precontact material scatter	Unevaluated	No	No
32SN0716	Site	Burlington Northern Railroad	Unevaluated	Yes	No
32SNx0020	Site Lead	Reeves Station	Unevaluated	No	No
32SNx0108	Site Lead	Precontact material scatter	Unevaluated	No	No

The Class I review identified a total of 13 previous inventories conducted within one mile of the central reroute area crossing the James River. No previous inventories were identified as having been conducted within one mile of the northernmost or southernmost reroutes.

Table 2 outlines these previous inventories as well as which overlap the updated Inventory Corridor for this Project. No new previous inventories were identified that overlap the updated Inventory Corridor from those reported in the Volume 1 Class III inventory report (Morrison et al. 2025).

**Table 2. Previous Inventories within One Mile of Study Area**

ID	Year	Report Title	Surveyor	Authors	Within Updated Inventory Corridor
MS 107	1974	Archaeological Surveys in the Garrison Diversion Unit, North Dakota	University of North Dakota	Fred Schneider and Rain Vehik	Yes



ID	Year	Report Title	Surveyor	Authors	Within Updated Inventory Corridor
MS 2477	1979	Final Report of an Architectural and Historical Survey on Approximately 121,265 Acres in Central North Dakota, Dickey, Sargent, LaMoure, Stutsman, Eddy, Wells & Sheridan Counties	Bureau of Reclamation	William Reynolds and Dennis Starr	Yes
MS 3902	1986	James River Valley Archeological Site Survey, 1985, Dickey, LaMoure, Stutsman Co., ND	University of North Dakota	Michael Gregg, Brian Hoffman, Cynthia Kordecki	Yes
MS 4901	1987	Test Excavations at 15 Archeological Sites Along the James River in Stutsman and LaMoure Counties, North Dakota	University of North Dakota	Michael Gregg, Cherie Haury, Cynthia Kordecki, Paul Picha, Christopher Quinn, Fern Swenson	No
MS 5993	1993	Gravel Products Inc. Gravel Pit Expansion: A Class III Cultural Resource Inventory in Stutsman County, North Dakota	Metcalf Archaeological Consultants, Inc.	Andrea Kulevsky	No
MS 6222	1994	Flood Damage Assessment Survey of Twenty-Eight Archeological Sites Along the Cannonball, Heart, James, Maple, Red and Sheyenne Rivers, North Dakota: Final Report	Anthropology Research, University of North Dakota	Cynthia Kordecki, Dennis Toom	No
MS 6865	1996	Gravel Pit Cultural Resources Inventories Near Jamestown and Mandan, North Dakota in Foster, Morton, and Stutsman Counties	Anthropology Research, University of North Dakota	Greg Wermers, Duane Kliner	Yes
MS 9197	2005	2005 State Wide Tree Mitigation Sites in Burleigh, McLean, Pembina, Ransom, Stark, and Stutsman Counties, ND: A Class III Cultural Resource Inventory	Metcalf Archaeological Consultants, Inc.	Amy Bleier	No
MS 9198	2005	Northern Plains Electric Cooperative 2004 Cultural Resources Inventory of Specific Projects in Benson, Foster, Kidder, Pierce, Rolette, Stutsman, Towner, and Wells Co., ND	University of North Dakota	Cynthia Kordecki	Yes
MS 10258	2007	North Dakota Forest Service 2008 Living Snow Fence Proposed Planting Areas in Adams, Burleigh, Dickey, Foster, Griggs, Kidder, Pierce, Stutsman, Wells and Williams Counties: A Class III Cultural Resource Inventory	Metcalf Archaeological Consultants, Inc.	Damita Hiemstra	Yes
MS 12950	2011	Stutsman Rural Water District Phase II Water Supply Expansion Project: Class II and Class III Cultural Resource Inventories, Stutsman, Foster, and Griggs Counties, North Dakota	Juniper, LLC	John Morrison, Tim Goggin Elizabeth Anderson,	Yes

ID	Year	Report Title	Surveyor	Authors	Within Updated Inventory Corridor
MS 15892	2015	Dakota Central Telecommunications Jamestown South Fiber Optic Exchange: A class III Cultural Resource Inventory in Stutsman County, North Dakota	Kadrmaz, Lee, and Jackson, Inc.	Robin Park, Jennifer Allen,	Yes
MS 17325	2017	Three Jamestown–Area Electric Line Installation Projects 2017 Class III Cultural Resources Inventory, Northern Plains Electric Cooperative, Stutsman County, North Dakota: CWP Projects 246, 384, and 392.54.	Agassiz Archaeology	Michael Jackson	Yes

HDR's sensitivity analysis included the identification of LiDAR anomalies that may be cultural features, with particular attention to the identification of possible prehistoric mounds and other earthworks. Within the full Study Area, 271 anomalies had been identified, and after analysis, of those anomalies, 61 could not be easily identified as to what they were, i.e., a modern stock pond, an existing power pole, or a field clearing pile, etc. Those 61 anomalies were selected for further field investigation. Of those, none lie in the updated Inventory Corridor for the three reroute areas, and therefore LiDAR anomalies are not discussed in detail in this report. See Volume 1 (Morrison et al. 2025) for a detailed discussion of the LiDAR anomalies.

The cultural sensitivity document also proposed the portions of the Study Area to be inventoried to SHSND Class III guidelines. These areas met certain criteria, such as (but not limited to) unidentified LiDAR anomalies, areas not extensively disturbed by agricultural or other modern development, as well as the terraces and floodplains of major drainages. Along with the sensitivity report, HDR submitted GIS shapefiles of the proposed portions of the Study Area to be inventoried and the 270 LiDAR anomalies. The SHPO responded with two letters on March 28 and April 2, 2024, agreeing to the approach outlined in the cultural sensitivity analysis.

## IV. Field Methods

Juniper archaeologists along with field personnel from HDR and the SWO THPO conducted the Class III inventory between May and October 2024. Personnel included Principal Investigator John G. Morrison, Archaeological Technicians William Christensen and Andrea Kulevsky from Juniper, and Archaeological Technicians Emma Frankevich and Aaron Pankowski from HDR. The Sisseton Wahpeton Oyate Tribal Historic Preservation Office TCS representatives included Team Leader Wayne Cloud along with TCSs, Toshina One Road, Carla Hernandez, Dustin Hernandez, Dana YellowFat, Amaris MakesGood, Cindy Shunk, Lucy Winkler, Levi Demars, Brent Starr, Bob Bird, and Tim Laughter. The SWO TCS staff worked alongside the archaeologists to identify and record cultural resources as well as to provide a tribal perspective and interpretation of the cultural resources identified and the proposed undertaking.

Juniper, HDR, and SWO TCS personnel used parallel pedestrian transects spaced no more than 15m apart to cover the 500' wide updated Inventory Corridor centered on the Route

centerline. Field personnel made a concerted effort to review any areas of exposed subsurface deposits in the updated Inventory Corridor. They paid special attention to areas of increased GSV, such as cut banks along drainages, two tracks or road cuts, thousands of rodent burrows, ant mounds, and washouts/blow outs. Every effort was made to locate subsurface exposures within the updated Inventory Corridor regardless of GSV in all settings.

When an artifact or feature was encountered during the inventory, the location was marked with a pin flag and the area around the artifact or feature was intensively inspected to locate any other associated artifacts or features. Based on the number and types of artifacts or features noted during the search, the grouping was determined to be either an isolated find, site lead, or a site using the following basic criteria (SHSND 2020):

*An isolated find is considered to be a location of five or fewer artifacts and identified by the archaeologist(s) as representing an area of very limited past activity may be recorded as an isolated find. In all cases of identifying a location of an isolated find the archaeologist(s) should consider whether the location has good or better potential to contain buried artifacts. In such cases consideration should be given to recording the location as a site lead.*

A site lead is defined using one of two criteria, with considerations (SHSND 2020):

*(1) A location reported by a landowner or other non-professional as containing cultural resources. These locations are considered to be site leads until such time as a qualified archaeologist or architectural historian can determine whether the site is an isolated find or site.*

*(2) A location consisting of five or fewer surface visible artifacts is in the professional judgment of the archaeologist(s) likely to be only a limited surface expression of a former occupation where most of the artifacts are not visible (i.e., still buried).*

*(3) An architectural site lead is intended for sites that are outside the project area and not fully recorded or when access is denied so the form cannot be fully completed. Site leads should still include as much information as possible and at least an overview photograph, and more if possible.*

*Consideration should be given by the principal investigator, the lead agency and the SHPO as to whether a site lead location should be examined more closely, possibly by subsurface investigations prior to a determination of No Historic Properties Affected or No Adverse Effect.*

Sites are defined thusly (SHSND 2020):

*A cultural resource site is defined as a location of past human activity that took place over 50 years ago and left physical traces of the activity in the form of (1) an intact cultural feature (2) six or more artifacts found within about 60m of each other, and/or (3) an intact subsurface cultural deposit regardless of the number of artifacts.*

After the resource was adequately defined, the appropriate cultural heritage, site, site lead, or isolated find forms, and other documentation were completed. The additional documentation included plotting the resource on a USGS 7.5' topographic map, photographing the resource, and generating a sketch map.

Stone feature sites were recorded differently by the Juniper/HDR archaeologists than by the SWO TCS staff. The SWO TCS staff generated detailed sketch maps of all of the stone features recorded in the field at each site, along with notes and interpretations related to the features. Many of the stone features overlapped one another and, depending upon the composition, were interpreted differently as to the meaning and significance. At the request of the SWO staff, the Juniper/HDR archaeological staff did not record the individual stone features, unless a site was an isolated feature, but instead recorded the outline of the cluster of stone features within a larger site boundary. They also requested that Juniper/HDR staff identify stone features using generalized terms, i.e., cairn, circle, alignment, or effigy in the site descriptions. The SWO TCS staff also asked if detailed explanations of the features were required, and that the SWO THPO office be contacted to obtain the data directly from them. Juniper coordinated the recording of the clusters to match the temporary field numbers assigned to each site as well as the numbering of the features or clusters within a site.

Site boundaries were also defined and completed in consultation with the SWO TCS staff and focused on the presence or absence of features and the natural boundaries of the various landforms, including significant physiographic and/or elevational changes, drainages, and orientation on the larger landforms. As noted in early meetings with the ND SHPO staff prior to the start of fieldwork, all field staff followed SHPO guidance to avoid defining site boundaries too close to the features. This led to some sites lying closer than the SHSND 60m guidelines to one another.

The locations of the cultural resources and other places of interest encountered during the inventory were recorded using a Trimble R1 GNSS receiver (sub meter accuracy) connected to an iPad unit running TerraFlex software.

## V. Results

Juniper identified and recorded a total of 93 new cultural resources within the 500' wide updated Inventory Corridor for the Route and eight new cultural resources within 50' of the updated Inventory Corridor. Four cultural resources are located within the updated Inventory Corridor for the rerouted Project Corridor segments and were not discussed in Volume 1 (Morrison et al. 2025). These additional sites include CHF-SN0106, CHF-SN0121, CHF-SN0122, and CHF-SN0133. Four sites previously discussed in Volume 1 (Morrison et al. 2025) are no longer located within 50' of the updated Inventory Corridor for the Project Corridor reroutes. These include 32SNx310, 32SN863, 32SN130, and CHF-SN0032. During the Class III field survey, Juniper also attempted to relocate and update the documentation of the 11 previously recorded cultural resources located within the updated Inventory Corridor.

For the purposes of this report, The information presented in this Results section focuses on:

- Summary descriptions of each of the four newly recorded sites both inside and within 50' of the updated Inventory Corridor for the rerouted areas. Detailed descriptions of all newly identified resources within 50' of the original Inventory Corridor and updates on the previously recorded cultural resources are included in Volume 1 (Morrison et al. 2025).

- The sketch maps associated with each of the four newly recorded cultural resources in relation to the updated Inventory Corridor, Route, and transmission structures can be found in Appendix B: **Figure 5**. Overview of Site CHF-SN0106 in relation to the proposed undertaking as displayed on NAIP 2021 Stutsman County aerial photography. through **Figure 8**. Overview of Site CHF-SN0133 in relation to the proposed undertaking as displayed on NAIP 2021 Stutsman County aerial photography. for ease of reading. Sketch maps for locations where a structure location has shifted in relation to a cultural resources reported in Volume 1 (Morrison et al. 2025) are also provided in Appendix B (**Figure 9** through **27**) and identified in Table 6. Sketch maps for all newly identified resources within 50' of the original Inventory Corridor and updates on the 10 of the 11 previously recorded cultural resources are included in the Volume 1 report (Morrison et al. 2025).

Consistent with the recommendations in the Volume 1 report (Morrison et al. 2025), HDR and the SWO THPO have recommended that ground disturbance related to the construction of the transmission line structures avoid the following cultural resource types by 100'. In the event a transmission structure is proposed to be located within 100' of one of the following cultural resource types, fencing should be installed a minimum of 25' from the site boundary (specific sites recommended for avoidance and fencing outlined in **Table 6** and **Table 7**). If fencing needs to be installed closer than 25' to a cultural resource, SHSND and SWO will be consulted. Installation of fencing should be monitored by an archaeologist and/or a representative from SWO THPO, depending on the type of resource and the preference of the SWO THPO. Fencing will be maintained during active construction, but, per recommendation of the SWO THPO, may be taken down between active construction periods to avoid bringing unnecessary attention to the cultural resources. Resources to fence when within 100' of a transmission structure include:

- cultural resources that are unevaluated for North Dakota State Historic Sites Registry (NDSHSR) significance,
- cultural resources that have been evaluated and recommended as significant for the NDSHSR, and/or eligible for listing in the National Register of Historic Places (NRHP);

In addition, HDR, and the SWO THPO recommend that a qualified archaeologist and/or a representative from SWO THPO be present to monitor initial ground disturbance (i.e. grading/site preparation, excavation, auguring, and geotechnical testing) activities related to construction and developments in high probability areas including:

- within 200' of the following resource types (specific sites outlined in **Table 6** and **Table 7**):
  - cultural resources that are unevaluated for North Dakota State Historic Sites Registry (NDSHSR) significance,
  - cultural resources that have been evaluated and recommended as significant for the NDSHSR, and/or eligible for listing in the National Register of Historic Places (NRHP);

This report and Volume 1 (Morrison et al. 2025) specify monitoring in instances where transmission structures are currently known to be proposed within 200' of significant or unevaluated cultural resources; if transmission structure placements are adjusted to be within 200' of a site or sites not specified in this report, and the site(s) are unevaluated or found to be significant for the NDSHSR, then monitoring within 200' of those sites during ground disturbing



activities is also recommended; likewise, fencing recommendations should also be updated if transmission structures are placed within 100' of a site. Changes in Project plans and associated recommendations regarding avoidance, monitoring, and fencing, if needed, will be documented in a supplemental memo and submitted to SHSND and SWO for review and supplemental coordination.

Access paths within the updated Project Corridor for construction, line stringing, and maintenance are still in development. Once these access paths are developed, a supplemental memo including an updated Class I and avoidance, monitoring, and fencing recommendations will be prepared and submitted to SHSND and SWO for review and supplemental coordination. OTP and Montana-Dakota plan to utilize the same access paths identified for construction for post-construction activities, such as ongoing maintenance

It is our understanding that OTP and Montana-Dakota intend to develop the transmission line and the placement of the approximately 502 structures to avoid all the unevaluated or significant cultural resources. In some cases, construction of the structures will avoid the sites by less than 100'. In these instances, HDR and SWO have recommended that cultural resources less than 100' from a structure be fenced off a minimum of 25' from the site boundary to prevent accidental intrusion into the site area, and that a qualified archaeologist and/or a representative from SWO THPO be present to monitor fencing installation and initial ground disturbance activities.

Throughout the inventory, Juniper and HDR worked closely with the SWO THPO TCS Staff to include them in the day-to-day decisions on how sites were defined and recorded, and also with how information is presented in this document.

SWO requested that cultural information presented in this text regarding stone feature sites be more general in nature. Detailed information regarding the recorder, interpretations of the sites, along with detailed drawings, and descriptions of the stone features are contained in the site files curated at the SWO THPO office in Agency Village, South Dakota. The Cultural Heritage Forms on file at the North Dakota SHPO office contain the basic data of the locations, settings, and descriptions of the sites. These forms also reference the need to contact the SWO THPO office for more specific information regarding each resource. Additionally, this report will not include photos of the features but instead display a representative sample of sites, locations, landforms, and settings for the sake of brevity.

Details regarding all cultural resources located within the updated Inventory Corridor and their associated recommendations are outlined in Table 6. Avoidance, fencing, and monitoring recommendations for cultural resources within 200' of a transmission structure are outlined in Table 7.

## Newly Recorded Cultural Resources

Juniper identified and recorded a total of 101 new and 11 previously recorded cultural resources within or immediately adjacent to (within 50' of) the updated Inventory Corridor (Table 6). Of the resources located within the updated Inventory Corridor, 108 are presented in detail in *Jamestown to Ellendale (JETx) 345kV Transmission Line, Class III Cultural Resource Inventory*,

*Dickey, LaMoure, and Stutsman Counties, North Dakota – Volume 1* (Morrison et al. 2025). Four cultural resources, not discussed in Volume 1, are located within the updated Inventory Corridor for the rerouted segments of the updated Project Corridor that Juniper has already inventoried. These four resources are discussed below.

## Stutsman County Newly Recorded Cultural Resources

During the Class III survey, Juniper recorded many sites in Stutsman County on the uplands adjacent to the [REDACTED] and its [REDACTED], including [REDACTED] and [REDACTED], as well as their [REDACTED]. [REDACTED] and [REDACTED] are important [REDACTED] that connect to the [REDACTED].

Terrain in the broad [REDACTED] valley is usually gentle with typical rolling upland breaks. The uplands surrounding the valley are flat and low, with numerous small wetlands, potholes, and sloughs. The [REDACTED] is relatively narrow and steep, but in some of its unnamed ephemeral [REDACTED], the valley is broad, swampy, and boggy with small depressions and potholes. The [REDACTED] drainage had running water at the time of inventory.

### CHF-SN0106

The site is on a slope on the [REDACTED] bluff of a [REDACTED] of the [REDACTED] (Figure 5 in Appendix B and Figures 44 and 45 in Appendix C). [REDACTED] is an important [REDACTED] that connects to the [REDACTED]. Terrain in the [REDACTED] valley is usually gentle with typical rolling upland breaks. The uplands surrounding the valley are flat and low, with numerous small wetlands and sloughs. The site is separated from other sites in the area by drainages and significant differences in the landscape.

The site consists of one stone cairn. The cairn includes 16 stones and is approximately 1.5 m in diameter. The SWO TCS staff mapped the features and should be consulted for additional information about the individual features.

Site CHF-SN0106 is **unevaluated** for the NDSHSR and should be avoided by the proposed development by 100'. The site lies in the [REDACTED] of the updated Inventory Corridor and the development as proposed will avoid impacts to the site area. The site lies approximately [REDACTED] outside of the updated Project Corridor while the Route centerline lies [REDACTED]' to the [REDACTED] with the nearest proposed transmission structure lying over [REDACTED]' away.

### CHF-SN0121

The site is located on the uplands where the valleys of [REDACTED] and the [REDACTED] meet (Figure 6 in Appendix B and Figure 41 in Appendix C). [REDACTED] is approximately [REDACTED] to the [REDACTED]; the [REDACTED] is approximately [REDACTED] to the [REDACTED], and their [REDACTED] is approximately [REDACTED] to the [REDACTED]. The site is located on a side of steep-sided ridge on the uplands overlooking the flat bottomlands of [REDACTED] further to the [REDACTED].

The site consists of two clusters of stone features. The stone features include stone circles, alignments, and crescents. The SWO TCS staff mapped the individual features and should be consulted for additional information.

Site CHF-SN0121 is *unevaluated* for the NDSHSR and should be avoided by the proposed development by 100'. The site lies in the [REDACTED] of the updated Inventory Corridor and the development as proposed will avoid impacts to the site area. The site lies approximately [REDACTED] outside of the updated Project Corridor while the Route centerline lies [REDACTED] to the [REDACTED] with the nearest proposed transmission structure lying [REDACTED] away.

#### CHF-SN0122

The site is located on the uplands where the valleys of [REDACTED] and the [REDACTED] meet (Figure 7 in Appendix B and Figure 41 in Appendix C). [REDACTED] is approximately [REDACTED] to the [REDACTED]; the [REDACTED] is approximately [REDACTED] to the [REDACTED]; and their [REDACTED] is approximately [REDACTED] to the [REDACTED]. The site is located on a steep-sided hill of the uplands overlooking the flat bottomlands of both drainages below.

The site consists of a stone square and a small cairn. The features overlap. The SWO TCS staff mapped the individual features and should be consulted for additional information.

Site CHF-SN0122 is *unevaluated* for the NDSHSR and should be avoided by the proposed development by 100'. The site lies in the [REDACTED] half of the updated Inventory Corridor and the development as proposed will avoid impacts to the site area. The site lies within the updated Project Corridor while the Route centerline lies [REDACTED] to the [REDACTED] with the nearest proposed transmission structure lying over [REDACTED] away.

#### CHF-SN0133

The site is located on the uplands where the valleys of [REDACTED] and the [REDACTED] meet (Figure 8 in Appendix B and Figure 41 in Appendix C). [REDACTED] is approximately [REDACTED] to the [REDACTED], the [REDACTED] is approximately [REDACTED] to the [REDACTED], and their [REDACTED] is approximately [REDACTED] to the [REDACTED]. The site is located on a [REDACTED] [REDACTED] on the uplands overlooking the flat bottomlands of [REDACTED] further to the [REDACTED].

The site consists of two clusters of overlapping stone features and three possible mounds. The stone features include stone circles and cairns. The mounds are on [REDACTED] [REDACTED]. They range from 1-3m in diameter and 30-100 centimeters (cm) tall. Feature 1 is the smallest, least well-defined of the three and may be completely sodded over cairn. A very large stone circle at the [REDACTED] [REDACTED]. The SWO TCS staff mapped the features and should be consulted for additional information about the individual features.

Site CHF-SN0133 is *unevaluated* for the NDSHSR and should be avoided by the proposed development by 100'. The site lies within the updated Inventory Corridor and the development as proposed will avoid impacts to the site area. The Route centerline within the updated Project Corridor overlaps the site, with the nearest proposed transmission structure lying [REDACTED] away.

This site lies less than [REDACTED] from a proposed structure location, and therefore, consistent with the recommendations in the Volume 1 report (Morrison et al. 2025), HDR recommends



monitoring during construction. Because the [REDACTED] of the site, future travel within the updated Project Corridor should be taken into account to avoid impacting the site. The SWO TCSs did not express concerns [REDACTED] cultural heritage sites.

## VI. Summary and Management Recommendations

HDR contracted Juniper to conduct a Class III Inventory during the 2024 field season for the proposed JETx 345kV Transmission Line, a transmission line that will connect existing utility facilities in Jamestown and Ellendale, North Dakota. The proposed Project falls under the jurisdiction of the PSC. The proponents submitted a Consolidated Application for a Certificate of Corridor Compatibility and Route Permit to the PSC for the construction of the transmission line on August 8, 2025.

For the purposes of this report, the Class I Literature Review and Cultural Sensitivity Study discussion was revised to a one-mile review area surrounding each of the three reroutes (Appendix A) for previous inventories, previously recorded cultural resources, and LiDAR anomalies (HDR 2024; Appendix D: **Figure 52, Figure 58, Figure 60 and Figure 61**).

The 2024 Class III inventory for the reroutes took place between May and November 2024. Archaeologists reviewed 44.76 acres of the updated Inventory Corridor through the reroute areas in total: 4.25 acres of which were completed in the northernmost reroute area, and 40.14 acres were inventoried within the central (James River crossing) reroute area. None of the southern reroute area has been inventoried due to lack of landowner permission to access.

In total during the Class III inventory, archaeologists reviewed 40.6 miles of the full 92 miles of updated Project Corridor. Due to lack of landowner permission, 4.7 miles of the proposed Project Corridor that overlap with the updated Project Corridor that had been selected by HDR and the North Dakota State Historic Preservation Office [ND SHPO] for survey could not be accessed and were not inventoried. Additionally, 4.7 miles of the three areas within the updated Project Corridor proposed to be rerouted after completion of the 2024 Class III inventory have yet to be surveyed. Once permission is granted, these 9.4 miles of updated Project Corridor will be inventoried for cultural resources and a report will be submitted.

The SWO TCSs provided perspective and interpretation of the cultural resources identified in the field and took the lead on recording the stone feature sites. Throughout the inventory, Juniper and HDR worked closely with the SWO THPO TCS Staff to include them in the day-to-day decisions on how sites were defined and recorded, and also how they are presented in this document.

In total for the updated Inventory Corridor, the archaeologists and TCSs recorded 93 new cultural resources within the updated Inventory Corridor, 8 new cultural resources within 50' of the updated Inventory Corridor, and updated the information for 10 of the 11 previously recorded cultural resources. This report summarizes management recommendations for the four cultural

resources identified within the updated Inventory Corridor along the rerouted Project Corridor segments that were not previously discussed in Volume 1 (Morrison et al. 2025). Four sites previously discussed in Volume 1 are no longer located within 50' of the updated Inventory Corridor for the Project Corridor reroutes. The four sites no longer located within the updated Inventory Corridor are listed at the end of Table 6.

Of the total 112 cultural resources within the updated Inventory Corridor (including the three reroute areas), four were recorded in Dickey County, 20 of the resources were recorded in LaMoure County, and 88 resources were recorded in Stutsman County. HDR and the SWO THPO have recommended that ground disturbance related to the construction of the transmission line structures avoid the following cultural resource types by 100'.

- cultural resources that have been unevaluated for North Dakota State Historic Sites Registry (NDSHSR) significance,
- cultural resources that have been evaluated and recommended as significant for the NDSHSR, and/or eligible for listing in the National Register of Historic Places (NRHP).

In the event a transmission structure is proposed to be located within 100' of one of the above cultural resource types, fencing should be installed at a minimum of 25' from the site boundary (specific sites recommended for avoidance and fencing outlined in **Table 6** and **Table 7**). If fencing needs to be installed closer than 25' to a cultural resource, SHSND and SWO will be consulted. Installation of fencing should be monitored by an archaeologist and/or a representative from SWO THPO, depending on the type of resources and the preference of the SWO THPO. Fencing will be maintained during active construction, but, per recommendation of the SWO THPO, may be taken down between active construction periods to avoid bringing unnecessary attention to the cultural resources. Management recommendations for all 112 cultural resources within 50' of the updated Inventory Corridor can be found in Table 6.

Consistent with the Volume 1 report (Morrison et al. 2025), HDR and the SWO THPO recommend that construction activities including access paths to and from and related to the future access to the new transmission structures avoid the recommended significant and/or unevaluated newly and previously recorded cultural resources by 100'. If these situations require avoidance of less than 100', fencing should be installed within 25' from the site boundary. In addition, HDR and the SWO THPO recommend that a qualified archaeologist and/or a representative from SWO THPO be present to monitor initial ground disturbance activities related to construction and developments in high probability areas including:

- within 200' of the following resource types (specific sites outlined in **Table 6** and **Table 7**):
  - cultural resources that have been unevaluated for North Dakota State Historic Sites Registry (NDSHSR) significance,
  - cultural resources that have been evaluated and recommended as significant for the NDSHSR, and/or eligible for listing in the National Register of Historic Places (NRHP)

This report specifies monitoring in instances where transmission structures are currently known to be proposed within 200' of significant or unevaluated cultural resources. If transmission

structure placements are adjusted to be within 200' of a site or sites not specified in this report, and the site(s) are unevaluated or found to be significant for the NDSHSR, then monitoring within 200' of those sites during ground disturbing activities is also recommended; likewise, fencing recommendations should also be updated if transmission structures are placed within 100' of a site. Changes in Project plans and associated recommendations regarding avoidance, monitoring, and fencing, if needed, will be documented in a supplemental memo and submitted to SHSND and SWO for review and supplemental consultation.

A Cultural Resources Monitoring Plan should be prepared prior to initiation of monitoring activities. An Unanticipated Discoveries Plan has already been prepared for the Project.

Access paths within the updated Project Corridor for construction, line stringing, and maintenance along the transmission line are still in development. Once these access paths are developed, a supplemental memo including an updated Class I and avoidance, monitoring, and fencing recommendations will be prepared and submitted to SHSND and SWO for review and supplemental consultation. OTP and Montana-Dakota plan to utilize the same access paths identified for construction for post-construction activities, such as ongoing maintenance.

It is our understanding that OTP and Montana-Dakota intend to develop the transmission line and the placement of approximately 502 transmission structures to avoid the newly recorded cultural resources. Temporary ground disturbance around each of the new structures during construction is anticipated to extend approximately 150' x 200', or approximately 0.69 acres, at each structure. In areas closer to cultural resources, ground disturbance will be minimized or adjusted to avoid impacting the site. Sites closer than 100' will be fenced and fencing will be placed a minimum of 25' from the cultural resource boundary. If fencing needs to be installed closer than 25' to a cultural resource, then supplemental consultation with SHSND and SWO will be completed. Construction matting will not be used within cultural resource boundaries.

In 45 cases, new structures will be placed within 200' of a cultural resource. In eight of these instances, the cultural resources have been evaluated and recommended as not significant for the NDSHSR and/or Not Eligible for the NRHP, and no further cultural resources work is recommended. Four cultural resources are architectural and/or historical archaeological sites (one Post Office and three farmsteads) located outside of the Project Corridor and/or there is low potential for deposits to be located within the Project Corridor. For those four properties, no monitoring is recommended. For the remaining 33 cultural resources within 200' of a structure, as recommended in the Volume 1 report (Morrison et al. 2025), HDR and the SWO THPO have recommended monitoring within a 200' buffer of the site. In seven cases, the structures will avoid the cultural resources by less than 100'. For these seven cultural resources, HDR and SWO have recommended that the closest cultural resource be fenced off to prevent accidental intrusion into the site area, and that a qualified archaeologist and/or a representative from SWO THPO be present to monitor initial ground disturbance activities within 200' of the site.

Fifty-five resources lie within the 150' updated Project Corridor, 27 of which are located within 10' of the Route centerline and are likely to be spanned by the transmission wires. The SWO TCSs did not express concerns with spanning, however, these 55 resources should be addressed in future maintenance plans so that they are not disturbed if vehicles must travel the

updated Project Corridor. Maintenance plans should include the avoidance of sites located within the updated Project Corridor as much as feasible.

It is our understanding that OTP and Montana-Dakota intend to follow these management recommendations pending approval, concurrence, or modification by the agencies involved.

Of the 112 cultural resources in the updated Inventory Corridor reviewed for this Project, one previously recorded cultural resource remains recommended as **significant**: 32SN0716 (the Northern Pacific Railroad). 32SN0716 is outside of the Project Corridor and will not be impacted by the Project. Ten are recommended as **not significant** or the segment within the Project Corridor is non-contributing, and 101 remain **unevaluated** for the NDSHSR. **Table 6** presents a summary of the recorded cultural resources, individual management recommendations for each resource, and their relationship to the proposed development.

Provided the management recommendations for the 93 newly recorded sites within the updated Inventory Corridor, the eight newly recorded sites within 50' of the updated Inventory Corridor, and the 11 previously recorded cultural resources within the updated Inventory Corridor are implemented, HDR recommends a finding of **No Significant Sites Affected** for the proposed undertaking as described in this document.

**Table 3. Management Recommendations for Cultural Resources within Updated Inventory Corridor**

\* Cultural resources added since Volume 1 for the Project reroutes are in green text. Cultural resources where planned nearby transmission structure locations have shifted and relational measurements updated are in brown text.

SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
32DI0540	New Site	Archaeological	Cultural Material Scatter	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Dickey	Yes	Yes	31	124
32DI0542	Site Update	Historical Archaeological	Stephenson Halfway House - Foundation, depression	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Dickey	Yes	No	148	450
32DI0543	New Site	Architectural	Farmstead	Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Dickey	Yes	Yes	6	237
32LM0130	Site Update	Archaeological	Historical Trail	Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	LaMoure	Yes	Yes	0	0
32LM0423/ CHF-LM0010	New Site	Historical Archaeological / Cultural Heritage Site	Prehistoric Stone Feature and Historical Dump	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	0	239
32LM0424	New Site	Architectural/ Historical Archaeological	Historical - Silo/Dump, Foundation	Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	LaMoure	Yes	Yes	0	0
32LMx0016	Existing Site Lead, not Updated	Historical Archaeological	Post Office	Project will not significantly affect potential significance for NDSHSR	Avoidance and/or Monitoring Not Recommended	LaMoure	Yes	Yes	10	13

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
32LMx0201	New Site	Archaeological	Prehistoric Isolated Find	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	71	260
32LMx0202	New Site	Archaeological	Prehistoric Isolated Find	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	212	500
32LMx0203	New Site	Archaeological	Prehistoric Isolated Find	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	34	350
32LMx0204	New Site	Archaeological	Prehistoric Isolated Find	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	136	300
32LMx0205	New Site	Architectural	Farmstead	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	No	128	191
32SN0060	Site Update	Historical Archaeological	Railroad segment	This segment considered non-contributing to overall site's significance for the NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	Yes	58	58
32SN0132/ CHF-SN0027	New Site	Archaeological / Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring Not Recommended	Stutsman	Yes	Yes	282	355
32SN0171	Site Update	Architectural	Railroad bridge	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	Yes	14	26



SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
32SN0314	Site Update	Historical Archaeological	Old Red Trail segment	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	Yes	0	56
32SN0716	Site Update	Historical Archaeological	Railroad segment	Eligible for NRHP and Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	No	239	250
32SN0857	Newly Recorded	Architectural	Bridge	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	Yes	70	180
32SN0864	New Site	Historical Archaeological	Depression and Foundation	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	No	200	250
32SN0865	New Site	Historical Archaeological	Depression, Foundation	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	78	480
32SN0866	New Site	Architectural/ Historical Archaeological	Farmstead	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	0	140
32SNx0279	Site Update	Archaeological	Historical Isolated Find	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	Yes	55	120
32SNx0280	Site Update	Archaeological	Prehistoric Isolated Find	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	89	201
32SNx0281	Site Update	Archaeological	Historical Isolated Find	Not Eligible for NRHP; Not Significant for NDSHSR	Avoidance and/or Monitoring Not Recommended	Stutsman	Yes	No	146	190

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
32SNx0307	New Site	Historical Archaeological	Farmstead	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	178	178
CHF-DI0137	New Site	Cultural Heritage Site	Prehistoric Circular Depression and Spoils Pile	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Dickey	Yes	No	128	348
CHF-LM0001	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	LaMoure	Yes	Yes	36	106
CHF-LM0002	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	LaMoure	Yes	Yes	2.5	116
CHF-LM0003	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	No	No	286	387
CHF-LM0004	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	No	106	307
CHF-LM0005	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	0	407
CHF-LM0006	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	No	126	428



SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-LM0007</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	No	106	270
<b>CHF-LM0008</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	0	304
<b>CHF-LM0009</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	LaMoure	Yes	Yes	0	182
<b>CHF-LM0011</b>	New Site	Cultural Heritage Site	Prehistoric Possible mound	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	36	402
<b>CHF-LM0012</b>	New Site	Cultural Heritage Site	Field Pile Overlying Potential Cultural Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	LaMoure	Yes	Yes	59	475
<b>CHF-SN0008</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	206	338
<b>CHF-SN0009</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	31	250
<b>CHF-SN0010</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	19	164

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0011</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	0	448
<b>CHF-SN0012</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	126
<b>CHF-SN0013</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	252	399
<b>CHF-SN0014</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	186	320
<b>CHF-SN0015</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	126
<b>CHF-SN0016</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	0	365
<b>CHF-SN0017</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	179	403
<b>CHF-SN0018</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	148	321

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
CHF-SN0019	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	95	198
CHF-SN0020	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	3	312
CHF-SN0021	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	103	202
CHF-SN0022	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	293	338
CHF-SN0023	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	19	496
CHF-SN0024	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	172	393
CHF-SN0025	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	96	167
CHF-SN0026	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	277	422

SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
CHF-SN0028	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	26	249
CHF-SN0029	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	126	257
CHF-SN0030	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	95	343
CHF-SN0031	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	23	157
CHF-SN0033	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	101
CHF-SN0034	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	160
CHF-SN0035	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	42	136

SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0036</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	101	302
<b>CHF-SN0037</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	107
<b>CHF-SN0038</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	70	114
<b>CHF-SN0039</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring Not Recommended	Stutsman	Yes	Yes	68	276
<b>CHF-SN0040</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring Not Recommended	Stutsman	Yes	Yes	73	416
<b>CHF-SN0041</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	36.5	110
<b>CHF-SN0042</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	198

SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0043</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	143
<b>CHF-SN0044</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	69	205
<b>CHF-SN0045</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	89	105
<b>CHF-SN0046</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	91	105
<b>CHF-SN0047</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	19	121
<b>CHF-SN0048</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	47	394

SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0049</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	119
<b>CHF-SN0050</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	80	106
<b>CHF-SN0051</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	109
<b>CHF-SN0052</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring Not Recommended	Stutsman	Yes	No	287	308
<b>CHF-SN0053</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	287	308
<b>CHF-SN0054</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	239	358
<b>CHF-SN0055</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	156	306
<b>CHF-SN0056</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	182	322



SITS#/ CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0057</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	193	198
<b>CHF-SN0058</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	136	139
<b>CHF-SN0059</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	175	175
<b>CHF-SN0060</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	156	410
<b>CHF-SN0061</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	133	157
<b>CHF-SN0062</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	176	211
<b>CHF-SN0063</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	254	457



SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
<b>CHF-SN0064</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	210	235
<b>CHF-SN0065</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	157	236
<b>CHF-SN0066</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	221	221
<b>CHF-SN0067</b>	New Site	Cultural Heritage Site	Archaeological - Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	156	156
<b>CHF-SN0068</b>	New Site	Cultural Heritage Site	Archaeological - Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	134	345
<b>CHF-SN0069</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	228	409
<b>CHF-SN0070</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	243	411
<b>CHF-SN0071</b>	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	0	247

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
CHF-SN0072	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	No	120	120
CHF-SN0073	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer with Fencing; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	56	95
CHF-SN0074	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	0	301
CHF-SN0075	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	20	273
CHF-SN0076	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	164	211
CHF-SN0077	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	240	240
CHF-SN0078	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	245	245
CHF-SN0106	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	No	No	299	482

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
CHF-SN0121	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	137	301
CHF-SN0122	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	Yes	72	346
CHF-SN0133	New Site	Cultural Heritage Site	Prehistoric Stone Features, Mounds	Unevaluated for NDSHSR	100' Avoidance Buffer; Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	0	190
CHF-SN0138	New Site	Cultural Heritage Site	Field Pile Overlying Potential Cultural Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring Not Recommended	Stutsman	Yes	No	130	400
CHF-SN0139	New Site	Cultural Heritage Site	Field Pile Overlying Potential Cultural Features	Unevaluated for NDSHSR	100' Avoidance Buffer, Monitoring of initial ground disturbing activities within 200'	Stutsman	Yes	Yes	10	175
<b>Cultural Resources No Longer Located within Updated Inventory Corridor (Discussed in Volume 1)</b>										
32SNX310	New Site	Architectural Site	Modern Earthlodge Built by Boy Scouts	Unevaluated for NDSHSR	N/A	Stutsman	No	No	N/A	N/A
CHF-SN0032	New Site	Cultural Heritage Site	Prehistoric Stone Features	Unevaluated for NDSHSR	N/A	Stutsman	No	No	N/A	N/A
32SN863	New Site	Historic Archaeological	Depressions	Unevaluated for NDSHSR	N/A	Stutsman	No	No	N/A	N/A

SITS#/CHS#	New or Updated Site	Site Type	Description	Significance	Management Recommendation	County	Within Updated Inventory Corridor	Within Updated Project Corridor	Feet to Centerline (ft)	Feet to nearest structure (ft)
32SN130	Site Update	Archaeological Site	Prehistoric Cultural Material Scatter	Eligible for NRHP	N/A	Stutsman	No	No	N/A	N/A

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- 2020 *North Dakota SHPO Guidelines Manual for Cultural Resource Inventory Projects Revised Edition.* Produced by and available at the Division of Archaeology and Historic Preservation, State Historical Society of North Dakota, Bismarck.
- 2021 *The North Dakota Comprehensive Plan for Historic Preservation: Archaeological Component.* Produced by and available at the Archaeology and Historic Preservation Division, State Historical Society of North Dakota, Bismarck.

## Additional Table





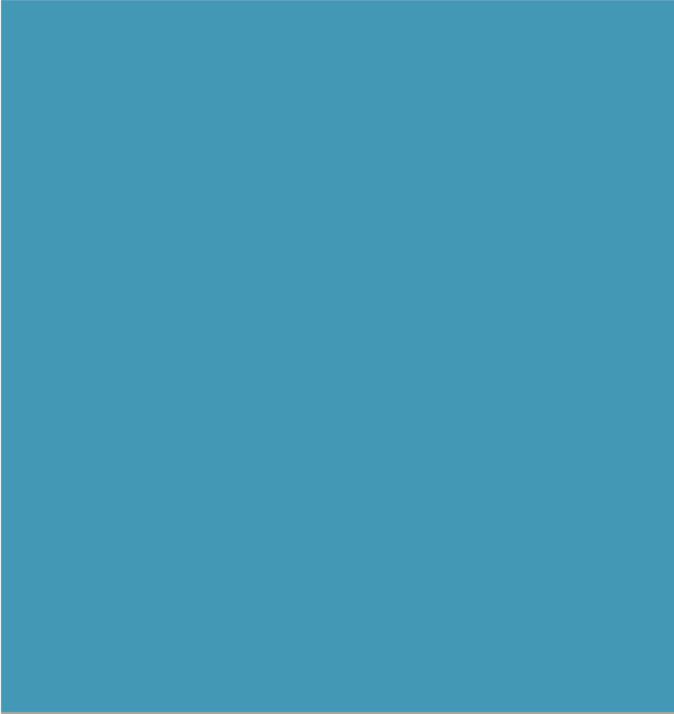
**Table 7. Management Recommendations for Unevaluated or NDSHSR/NRHP Eligible Cultural Resources Within 200' of a Structure**

SITS/CHF #	Within Updated Project Corridor	Distance from Nearest Structure	Fencing (within 100' of a proposed transmission structure)	Monitoring (within 200' of a proposed transmission structure)
32DI0540	Yes	124'	No	YES
CHF-LM0001	Yes	106'	No	YES
CHF-LM0002	Yes	116'	No	YES
CHF-LM0009	Yes	182'	No	YES
CHF-SN0010	Yes	164'	No	YES
CHF-SN0012	Yes	126'	No	YES
CHF-SN0015	Yes	126'	No	YES
CHF-SN0019	No	198'	No	YES
CHF-SN0025	No	167'	No	YES
CHF-SN0031	Yes	157'	No	YES
CHF-SN0033	Yes	101'	No	YES
CHF-SN0034	Yes	160'	No	YES
CHF-SN0035	Yes	136'	No	YES
CHF-SN0037	Yes	107'	No	YES
CHF-SN0038	Yes	114'	No	YES
CHF-SN0041	Yes	110'	No	YES
CHF-SN0042	Yes	198'	No	YES
CHF-SN0043	Yes	143'	No	YES
CHF-SN0045	No	105'	No	YES
CHF-SN0046	No	105'	No	YES
CHF-SN0047	Yes	121'	No	YES
CHF-SN0049	Yes	119'	No	YES
CHF-SN0050	No	106'	No	YES
CHF-SN0051	Yes	109'	No	YES
CHF-SN0057	No	198'	No	YES
CHF-SN0058	No	139'	No	YES
CHF-SN0059	No	175'	No	YES
CHF-SN0061	No	157'	No	YES
CHF-SN0067	No	156'	No	YES
CHF-SN0072	No	120'	No	YES
CHF-SN0073	Yes	95'	YES	YES
CHF-SN0133	Yes	190'	No	YES
CHF-SN0139	Yes	175'	No	YES

**Other Commitments**

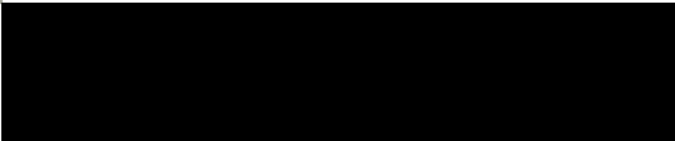

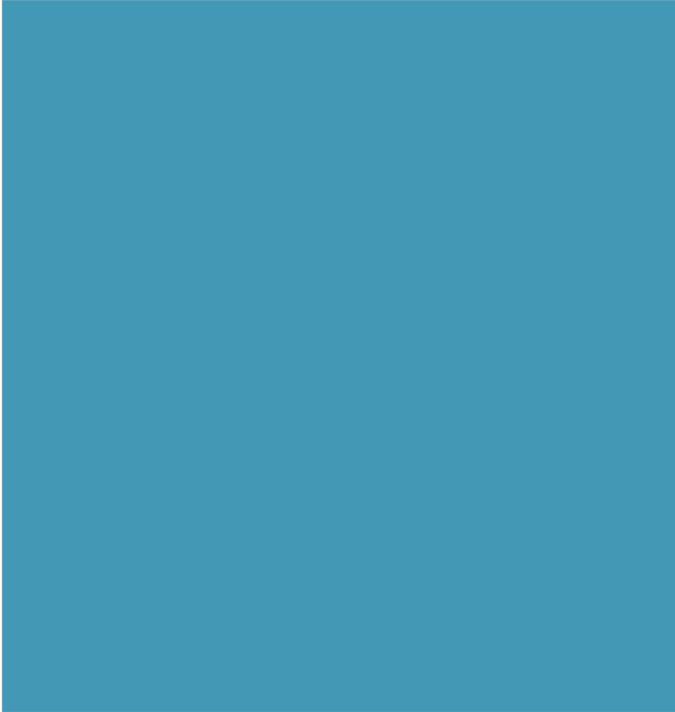
- In areas closer to cultural resources, ground disturbance will be minimized or adjusted to avoid impacting the site.
- If construction activities are within 100' of an unevaluated or an NDSHSR/NRHP Eligible cultural resource, fencing will be installed a minimum of 25' from the boundary of the cultural resource.
- Installation of fencing will be monitored by an archaeologist and/or a representative of the SWO THPO, depending on the type of resource and the preference of the SWO THPO.
- Fencing will be maintained during active construction, but, per recommendation of the SWO THPO, may be taken down between active construction periods to avoid bringing unnecessary attention to the cultural resources.
- Changes in Project plans and associated recommendations regarding avoidance, monitoring, and fencing, if needed, will be documented in a supplemental memo and submitted to SHSND and SWO for review and supplemental consultation.
- Once access paths within the Project Corridor are known, a supplemental memo including an updated Class I and avoidance, monitoring, and fencing recommendations will be prepared and submitted to SHSND and SWO for review and supplemental consultation.
- Access paths identified for construction will also be used for post-construction activities, such as ongoing maintenance.
- Construction matting will not be used within cultural resource boundaries.
- A Cultural Resources Monitoring Plan will be prepared prior to initiation of monitoring activities. An Unanticipated Discoveries Plan has already been prepared for the Project.

All maps included in this appendix of this report have been removed as confidential privileged information (pages 39 through 41).




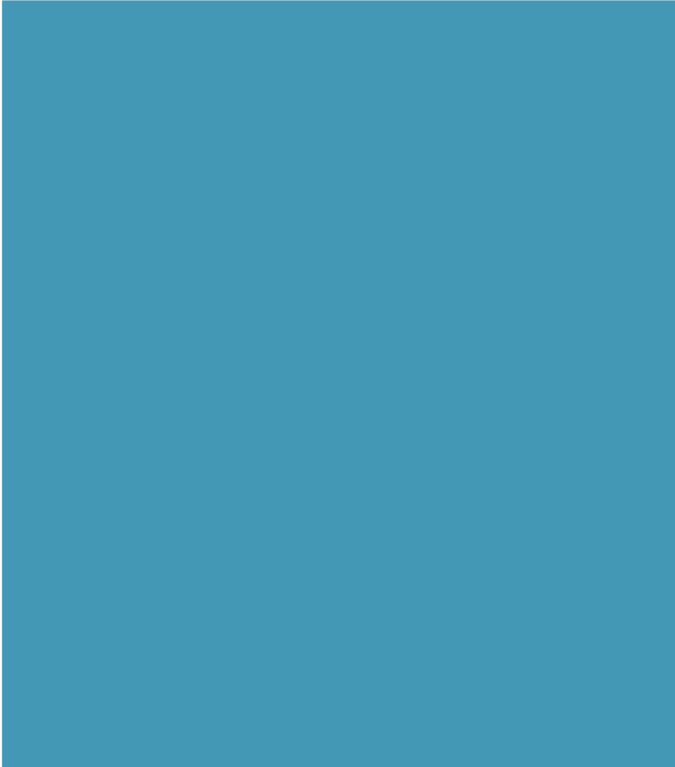
## Appendix A: Reroute Location Maps

**All maps included in this appendix of this report have been removed as confidential privileged information (pages 43 through 65).**




## Appendix B: Resource Specific Maps


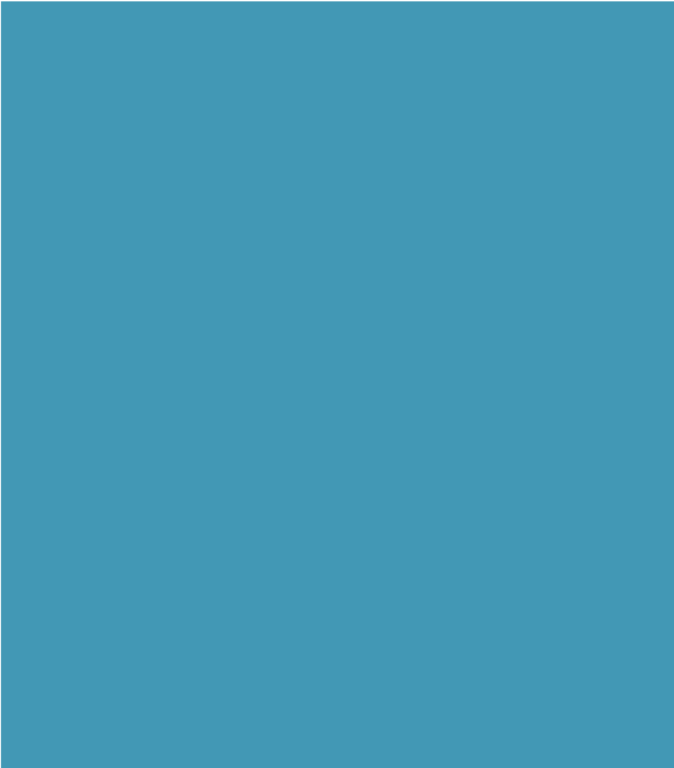
**All maps included in this appendix of this report have been removed as confidential privileged information (pages 67 through 83).**



## Appendix C: Project Maps



**All maps included in this appendix of this report have been removed as confidential privileged information (pages 85 through 101).**



## Appendix D: Class I Review 1:24,000 Maps

