

MANUSCRIPT DATA RECORD FORM

- 1. Manuscript Number:
- 2. SHPO Reference #:
- 3. Author(s): Dierdre Snortland-Banks
- 4. Title: Keitu Engineers and Consultants, Inc's Addendum to a Class III Cultural Resource Inventory of the Amendment to Johnsons Corner Connector Line in McKenzie County, North Dakota
- 5. Report Date: June 2016
- 6. Number of Pages: 6
- 7. Type: I
- 8. List formally tested or excavated sites (not probes): N/A
- 9. Acres: 26
- 10. Legal Location(s):

County	TWP	R	SEC	SU
McKenzie	150N	96W	13 & 23	LM



Addendum Survey Report

Submitted by Metcalf Archaeological Consultants, Inc.

PO Box 2154, Bismarck, North Dakota 58502

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1. **Report Title:** Keitu Engineers and Consultants, Inc's Addendum to a Class III Cultural Resource Inventory of the Amendment to Johnsons Corner Connector Line in McKenzie County, North Dakota
2. **Author:** Dierdre Snortland-Banks
3. **Report Date:** June 2016
4. **Fieldwork Date(s):** June 7, 2016
5. **Acreage:** 26
6. **Project Sponsor:** Keitu Engineers and Consultants, Inc., Mandan, North Dakota
7. **Historic Context (Study Unit):** Little Missouri Study Unit
8. **Legal Description/Location of the Undertaking Area of Potential Effects (APE):**
The undertaking's APE is located east of Johnsons Corner in McKenzie County, North Dakota. The legal location of the project area is Sections 13 and 23, T. 150N, R. 96W. The APE is depicted on the relevant portions of the USGS Johnsons Corner (1997) quadrangle map (Map 1).
9. **Description of Project:** Paradigm Energy Partners, LLC proposes reroutes to their proposed Johnsons Corner connector line in McKenzie County, North Dakota at the request of the end client, Dakota Access Pipeline (DAPL), and a landowner. DAPL decided on the southward extension for the preferred route into the project site. The northward extension was done due to the landowner's preference. Metcalf Archaeological Consultants, Inc. (Metcalf) was contracted by Keitu Engineers and Consultants, Inc. (Keitu) to conduct a Class III cultural resource inventory of two proposed re-route corridors. The project is under the approval of the North Dakota Public Service Commission (ND PSC), and, as such, is responsible for protection of cultural resources under NDAC 69-06-08-02.1(b) and/or NDAC 69-06-08-02.2(a) and/or NDAC 69-06-08-02.2(c). The objective of the inventory was to locate any cultural resources within the undertaking's area of potential effects (APE), determine whether those resources qualify for inclusion in the National Register of Historic Places (NRHP), and assess the effect that the undertaking may have on those cultural resources that do qualify for inclusion in the NRHP.

Due to pipeline redesign, Metcalf archaeologists inventoried two additional linear re-route corridors measuring 0.6 miles long by 300 feet wide, encompassing 26 acres.
10. **Records Search:** The file search is detailed in the original Class I report (Burns, 2016). An updated files search was not conducted for the addendum report.



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11. **Field Personnel:** Principal Investigator William Bluemle and Archaeological Technician Michael Knopik.
12. **Field Methods and Conditions:** The cultural resource inventory conformed to North Dakota's Guidelines for cultural resource inventories (SHSND 2012). The inventory employed a pedestrian transect methodology with transects spaced no more than 15 meters apart. This methodology was used to inventory the entire APE.

The APE boundaries were mapped using a handheld GPS unit. Field conditions were documented with digital photographs (Figures 1 through 3) and detailed in field notes. All electronic and paper records are on file at the Metcalf Bismarck office.

The southern segment is located in a gently rolling glaciated terrain. Approximately one quarter of the APE has been disturbed or is currently under construction. The north end of this segment has been recently disturbed by construction, which has removed the topsoil. Two recently constructed roads that access a nearby construction zone pass through the project corridor. The eastern/southeastern end of the APE is located in an area currently under construction. The remainder of the project corridor is located in cultivated fields with sparse residue and fallow vegetation. The ground surface visibility (GSV) in the fields is between 50 and 70 percent.

The northern segment is located a little over a half mile from the southern segment. The terrain is gently rolling with the majority located on an east/northeast facing slope. The segment extends from the top of a hill on the southwestern end, down into a valley. The project corridor is in a cultivated field currently covered in a hay crop. The GSV is between 10 and 20 percent.

13. **Results and Recommendations:** No cultural resources (i.e. sites, buildings, structures, objects, or districts that are at least 50 years in age) were encountered during the inventory. Metcalf recommends a finding of *No Historic Properties Affected* (36CFR800.4[d][1]) for the proposed undertaking as surveyed, mapped, and documented herein.



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14. References Cited:

Burns, W.

2016 A Class I Cultural Resource Inventory of the Amendment to the Johnson's Corner Connector Line in McKenzie County, North Dakota

Reiners, L.

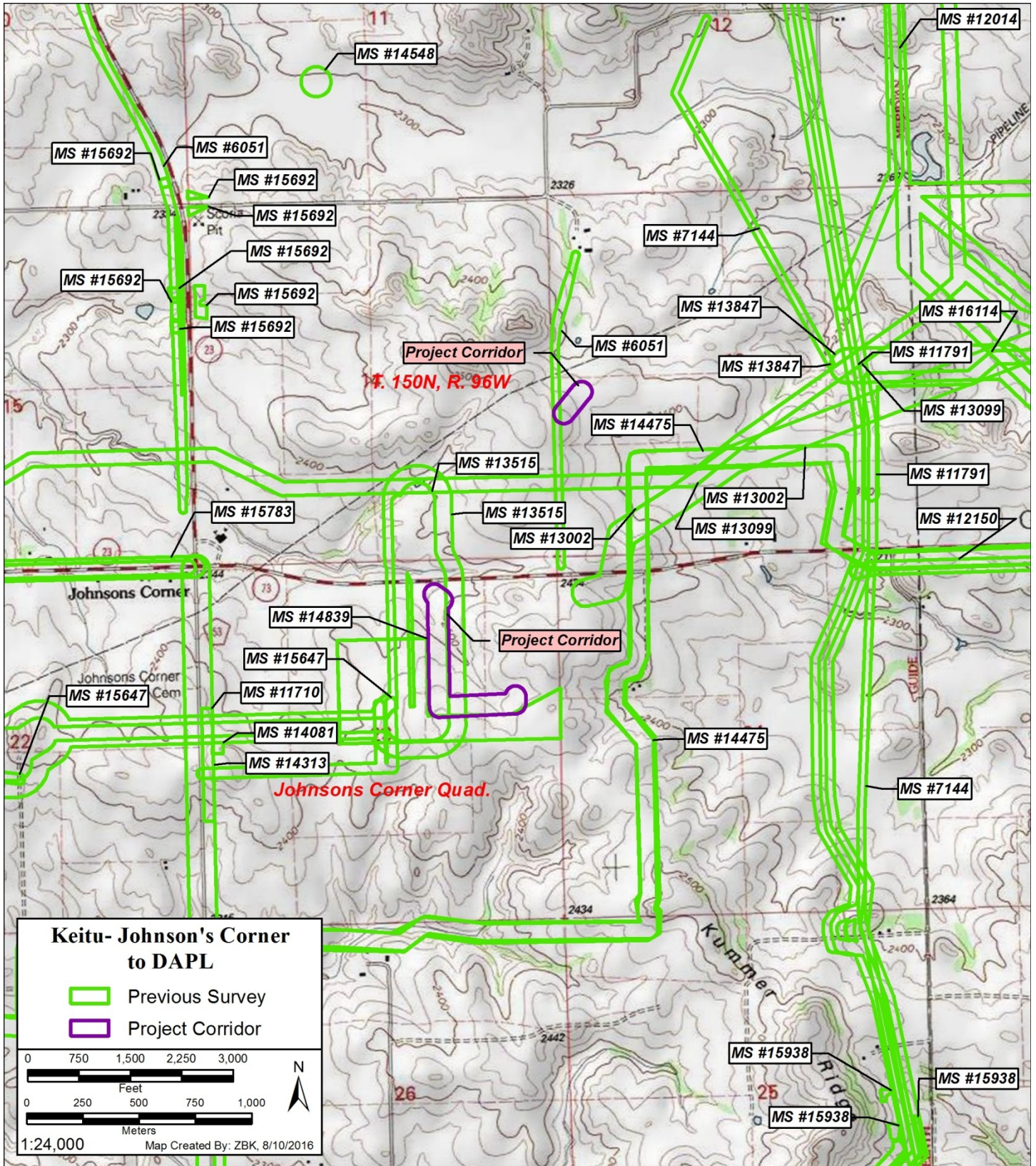
2016 A Class III Cultural Resource Inventory of the Amendment to Johnson's Corner Connector Line in McKenzie County, North Dakota

State Historical Society of North Dakota (SHSND)

2012 *North Dakota SHPO Guidelines Manual for Cultural Resource Inventory Projects*. Electronic document,
<http://history.nd.gov/hp/PDFinfo/ND%20SHPO%20Guidelines%20Manual.pdf>,
accessed May 2015.

Addendum Survey Report

Map and Photo Section



Map 1: The location of the project area and surveys depicted on the USGS 7.5' Johnsons Corner (1997) quadrangle map.

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Map and Photo Section



Figure 1: Overview from the center of the south segment, view north (Image 0015).



Figure 2: View through the development towards the east end of the south segment, view east (Image 0007).

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Map and Photo Section



Figure 3: View from the southwest end of the north segment, view northeast (Image 0015).