

May 29, 2013

**VIA HAND DELIVERY**

Mr. Darrell Nitschke  
Executive Secretary  
North Dakota Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, ND 58505-0480

**RE: BAKKENLINK PIPELINE, LLC  
CRUDE OIL PIPELINE —  
WILLIAMS TO BILLINGS COUNTIES  
CASE NO. PU-10-218**

Dear Mr. Nitschke:

Enclosed for filing, please find an original and ten (10) copies of the following documents in support of BakkenLink Pipeline, LLC's ("BakkenLink") request for an amended Certificate of Corridor Compatibility and Route Permit:


1. Certification of Darren Snow regarding exclusion and avoidance areas;
2. Maps depicting original route and requested reroute;
3. Addendum 4 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams Counties, North Dakota - Six Reroute Options and Four Access Roads;
4. Letter from North Dakota State Historical Preservation Office concurring with "No Historic Properties Affected" and "No Significant Sites Affected;" and
5. Letter from Carlson McCain regarding exclusion and avoidance areas.

Also enclosed is a CD containing the above-referenced document in PDF format.

If you should have any questions, please advise.

Attorneys & Advisors / Fredrikson & Byron, P.A.  
n 153 PU-10-218 Filed 05/29/2013 Pages: 24  
Post Order adjustment - Route and Corridor  
v BakkenLink Pipeline, LLC  
Lawrence Bender, Fredrikson&Byron

Letter to D. Nitschke  
Page 2  
May 29, 2013

Sincerely,  
  
LAWRENCE BENDER

Enclosures

cc: Steve Griesser (*via e-mail*)  
Darren Snow (*via e-mail*)

5934317\_1.DOCX

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF NORTH DAKOTA

**BakkenLink Pipeline LLC  
Crude Oil Pipeline — Williams to Billings County  
Siting Application**

CASE NO. PU-10-218

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Certification of Darren Snow in Support of the Application of BakkenLink  
Pipeline LLC for an Amended Corridor Certificate and Route Permit

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STATE OF NORTH DAKOTA

COUNTY OF BURLEIGH

Darren Snow states and alleges as follows:

1. That I submit this certification in support of BakkenLink Pipeline LLC's ("BakkenLink") request to adjust the route of BakkenLink's crude oil transmission line outside the designated corridor.
2. That I am employed by BakkenLink and I am the Vice President with regard to BakkenLink's proposed crude oil pipeline project that is the subject of the above-captioned matter.
3. That on February 29, 2012, the North Dakota Public Service Commission ("Commission") issued its Order granting BakkenLink a Certificate of Corridor Compatibility and Route Permit for the Project.
4. That on April 10, 2013, the Commission issued its Order granting BakkenLink a Second Amended Certificate of Corridor Compatibility and Second Amended Route Permit for the Project.
5. That BakkenLink seeks to modify the approved Project route and corridor, as depicted on the maps filed herewith.

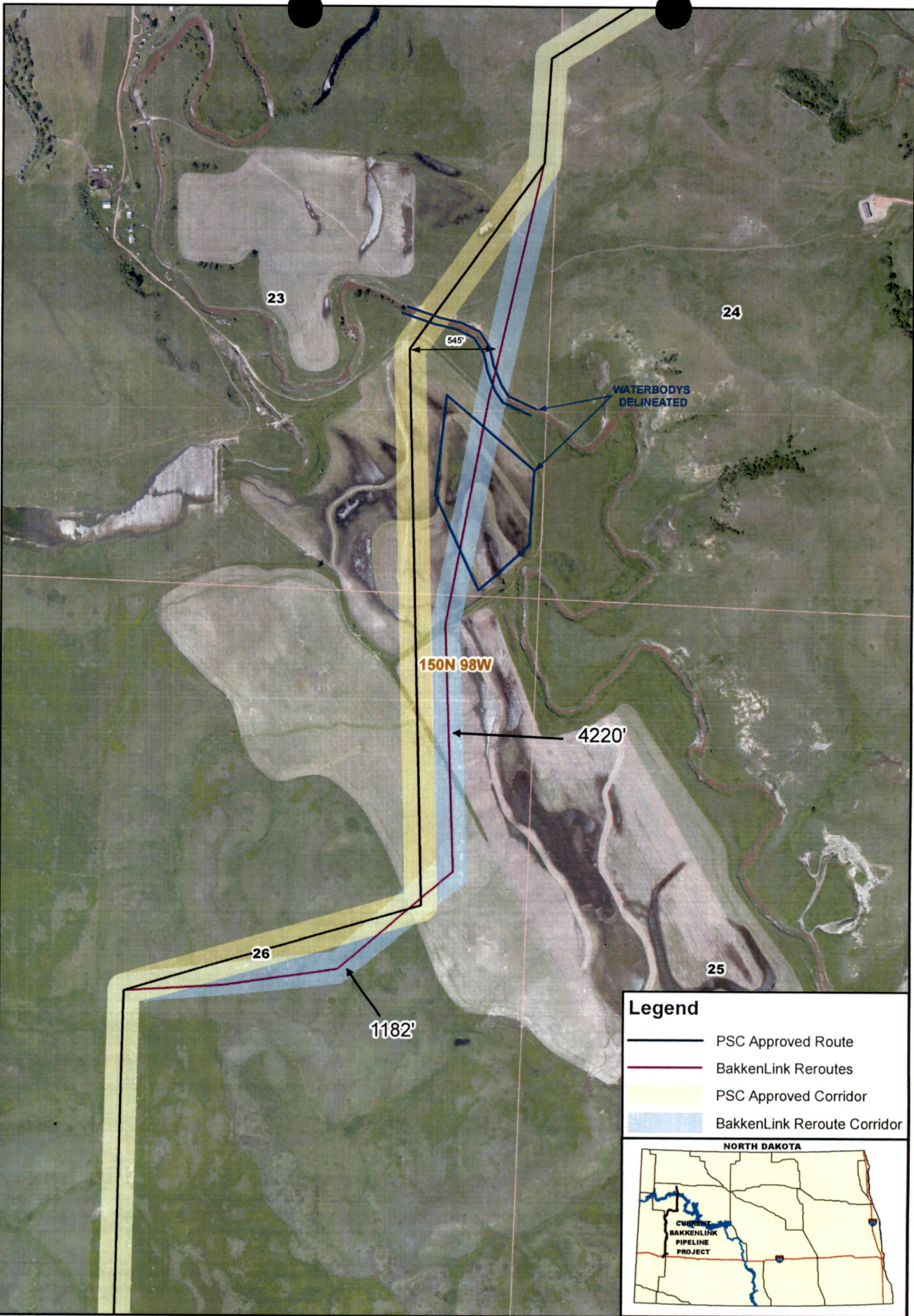
6. That no exclusion or avoidance areas are affected, and that BakkenLink has conducted the necessary field studies to confirm the same.

7. That the route outside the corridor is no longer than one and one-half mile in length.

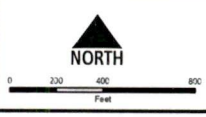
8. That BakkenLink will comply with the Commission's orders, laws, and rules designating the corridor and designating the route.

9. That no owners of real property oppose the adjustments and no applicable governmental entities with an interest in the same adjustment oppose the adjustments.

  
\_\_\_\_\_  
Darren Snow



- Legend**
- PSC Approved Route
  - BakkenLink Reroutes
  - PSC Approved Corridor
  - BakkenLink Reroute Corridor







**BAKKENLINK PIPELINE PROJECT  
 HARTEL REROUTE - SRST SITE  
 SECTION 23&26, T 150N, R 98W**


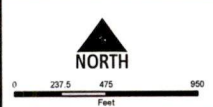




**Legend**

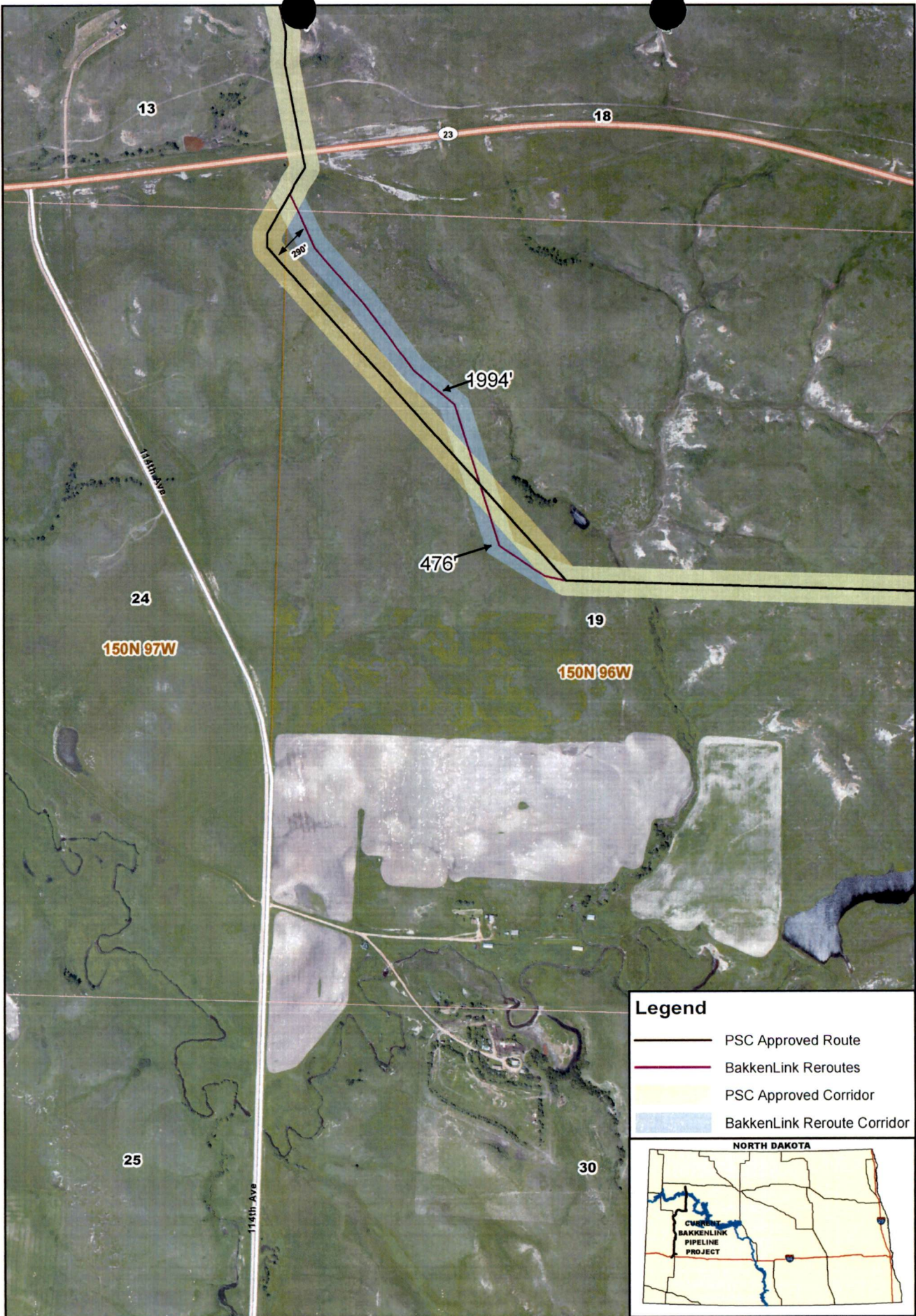
-  PSC Approved Route
-  BakkenLink Reroutes
-  PSC Approved Corridor
-  BakkenLink Reroute Corridor

**NORTH DAKOTA**

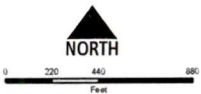
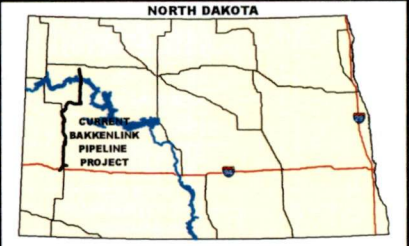



**BAKKENLINK PIPELINE PROJECT  
 KRINGLAAK/RAVIN REROUTE -  
 AVOID MULTIPLE STREAM CROSSINGS  
 SECTION 14, T 150N, R 97W**





- Legend**
- PSC Approved Route
  - BakkenLink Reroutes
  - PSC Approved Corridor
  - BakkenLink Reroute Corridor



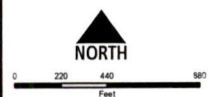
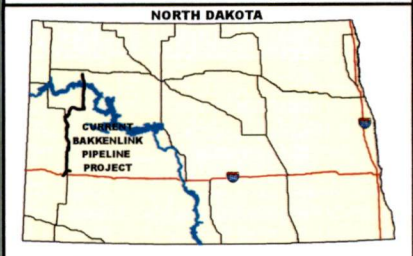
**BAKKENLINK PIPELINE PROJECT  
PARRISH REROUTE - SRST SITES  
SECTION 19, T 150N, R 96W**





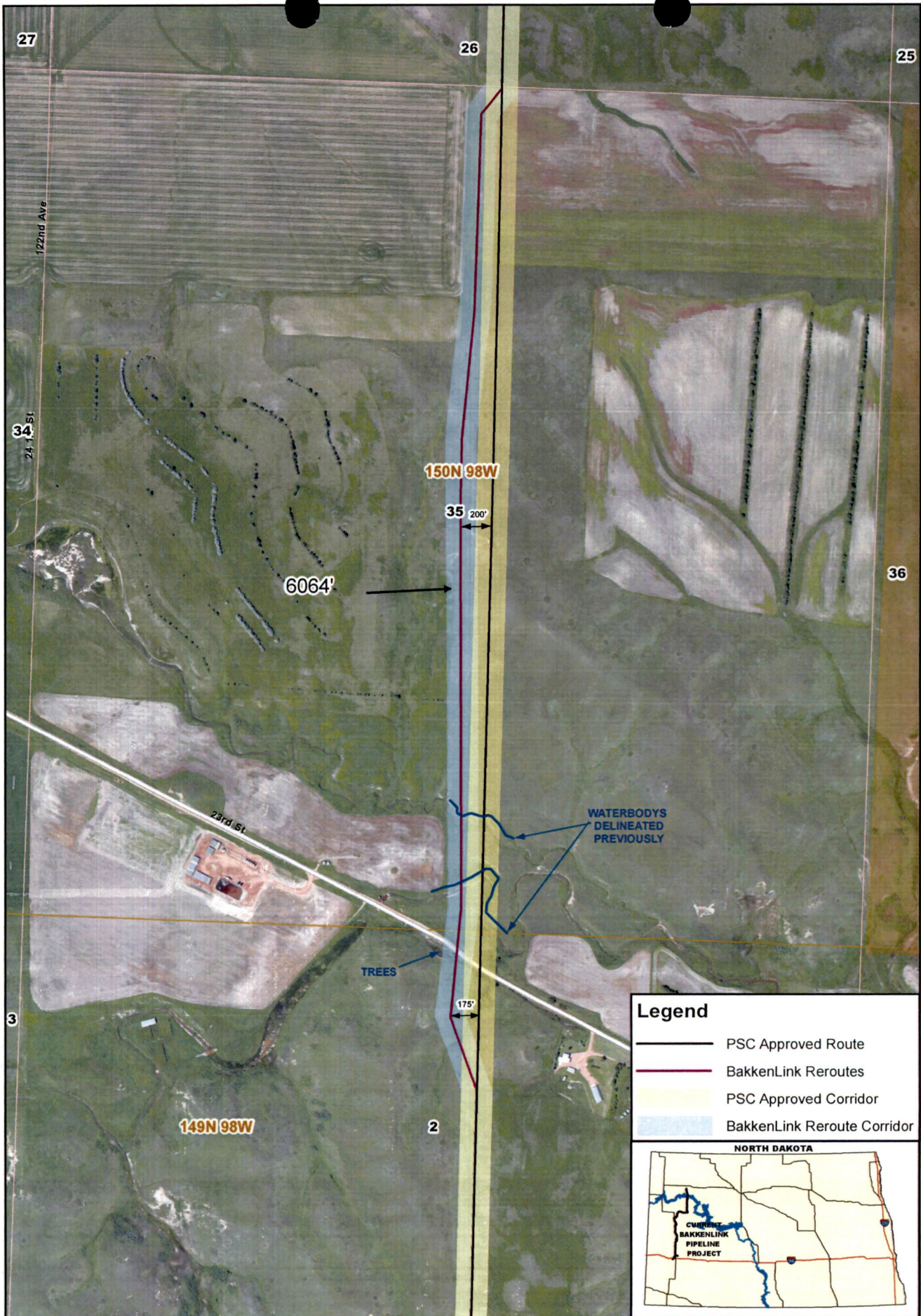
**Legend**

-  PSC Approved Route
-  BakkenLink Reroutes
-  PSC Approved Corridor
-  BakkenLink Reroute Corridor



**BAKKENLINK PIPELINE PROJECT  
RINK REROUTE - SRST SITES  
SECTION 13, T 150N, R 97W**





**BAKKENLINK PIPELINE PROJECT**  
**HOFFMANN/BRODERSON REROUTE - SRST SITE**  
 SECTION 35, T 150N, R 98W  
 SECTION 2, T 149N, R 98W



### MANUSCRIPT DATA RECORD FORM

1. Manuscript Number:
2. SHPO Reference #: 11-023c PSC/BLM
3. Author(s): Andrea Kulevsky
4. Title: Addendum 4 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams Counties, North Dakota - Six Reroute Options and Four Access Roads
5. Report Date: May 2013
6. Number of Pages: 12
7. Type: I
8. Acres: 120.8 Acres
9. Legal Location(s):

County	TWP	R	SEC	SU
McKenzie	150N	96W	19	LM
McKenzie	150N	97W	13, 14	LM
McKenzie	150N	98W	13, 23, 24, 26, 35	LM
McKenzie	149N	98W	2, 15	LM



## Addendum Survey Report

Submitted by Metcalf Archaeological Consultants, Inc.

PO Box 2154, Bismarck, North Dakota 58502

Phone: (701) 258-1215, Email: macnodak@metcalfarchaeology.com

1. **Report Title:** Addendum 4 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams Counties, North Dakota - Six Reroute Options and Four Access Roads
2. **Author:** Andrea Kulevsky
3. **Report Date:** May 2013
4. **Fieldwork Date(s):** April 12, 25-26, and May 2, 2013
5. **Acreage:** 120.8 Acres
6. **Project Sponsor:** Bartlett & West Engineering, Bismarck, North Dakota
7. **Historic Context (Study Unit):** Little Missouri River Study Unit (Unit #1)
8. **Legal Description/Location of the Undertaking Area of Potential Effects (APE):**  
Parrish Reroute: T. 150N, R. 96W, Section 19, McKenzie County (Map 1);  
Rink Reroute: T. 150N, R. 97W, Section 13, McKenzie County (Map 1);  
Hartel Reroute: T. 150N, R. 98W, Sections 23 and 26, McKenzie County (Map 2);  
Hoffman Landowner Request Reroute: T. 149N, R. 98W, Section 2 and T. 150N, R. 98W, Section 35, McKenzie County (Map 3);  
Hoffman Foreign Line: T. 149N, R. 98, Section 2, McKenzie County (Map 3);  
Kringlaak Reroute: T 150, R97, |Section 14, McKenzie County (Map 4).  
Hartel Access Road 1: T. 150N, R. 98W, Sections 13 and 24, McKenzie County (Map 2);  
Hartel Access Road 2: T. 150N, R. 98W, Sections 2 and 3 McKenzie County (Map 2);  
Stevenson Access Roads 1 and 2: T. 149N, R. 98W, Section 15, McKenzie County (Map 5).
9. **Description of Project:** This addendum details the results of continuing cultural resources investigations for the BakkenLink Pipeline project (Kulevsky and Stine 2012, Kulevsky 2012a, b, c). Results of the surveys for five reroute options and four access roads are documented herein.
10. **Records Search:** The files searches for this undertaking have been reported elsewhere and are not repeated here (Kulevsky and Stine 2012).
11. **Field Personnel:** Andrea Kulevsky, Bill Christensen, Amie Meade, Jennifer Wullfen, and Ed Stine
12. **Field Methods and Conditions:** The cultural resource inventory conformed to *North Dakota SHPO Guidelines Manual for Cultural Resource Inventory Projects* (SHSND 2012) and utilized the methodology used on the other inventories for the BakkenLink Pipeline (Kulevsky and Stine, 2012, Kulevsky 2012a, b). In these surveys, the width of the surveyed corridor varied depending on project needs as communicated to MAC field personnel and whether the segment in question was an access road or a centerline reroute.

## **Addendum Survey Report**

Submitted by Metcalf Archaeological Consultants, Inc.  
PO Box 2154, Bismarck, North Dakota 58502  
Phone: (701) 258-1215, Email: macnodak@metcalfarchaeology.com

The Parrish Reroute corridor, designed to avoid Traditional Cultural Properties (TCP) identified by the Standing Rock Sioux Tribal consultants, is approximately 3057 feet (932 m) long and 400 feet (122 m) wide (Map 1). The reroute crosses rolling uplands and at the southern end, approaches 32MZ2350, a historic farmstead. This site has been recommended not eligible for inclusion in the National Register of Historic Places (NRHP) (Kulevsky 2012a). The survey corridor crosses unplowed native prairie pasture and ground surface visibility (GSV) was approximately 15 percent (Figure 1). No snow was present. No cultural resources were identified.

The Rink Reroute corridor, designed to avoid TCPs, is approximately 1559 feet (475 m) long and 300 feet (91 m) wide (Map 1). The reroute lies north of pre-contact stone circle site 32MZ2351. The site is still fenced from prior work (Kulevsky 2012c) and will not be impacted by the reroute. The survey corridor crosses unplowed native prairie pasture and the GSV was approximately 15 percent (Figure 2). No snow was present. No cultural resources were identified.

The Hartel Reroute corridor, designed to avoid TCPs identified by the Standing Rock Sioux Tribal consultants, is approximately 6620 feet (2018 m) long and 250 feet (76 m) wide (Map 2). The reroute crosses Cherry Creek, the bottomlands on both its north and south side, and the uplands lining the valley (Figure 3). The uplands are unplowed native prairie with a GSV of approximately 10 percent. The bottomlands have been plowed and ground cover consisted of corn and wheat stubble. GSV was 90 percent in the corn fields and 15 percent in the wheat stubble. No snow was present. No cultural resources were identified.

The Hoffman Landowner Request Reroute survey corridor was 250 feet (76 m) wide, though the eastern side of the reroute falls within the inventoried corridor of the original centerline. Only the southern-most 2116 feet (645 m) of the reroute was inventoried; the remaining 2890 feet (881 m) are within the original right-of-way (ROW) that was inventoried (Map 3). The corridor traverses undulating uplands and crosses two small drainages (Figure 4). Both drainages contained running water. The area is native prairie with a GSV of approximately 30 percent. Snow cover was less than one percent. No cultural resources were identified.

The Hoffman Foreign Line Reroute is approximately half a mile south of Hoffman Landowner Request Reroute (Map 3). The reroute is oriented north-south and is approximately 1149 feet (350 m) long. The west side is entirely within the inventoried corridor of the original centerline so only the east side, approximately 100 feet wide, was inventoried. The corridor crosses native prairie with five percent GSV. The corridor is located in an area of gently rolling upland plains and crosses a swale. No snow was present. No cultural resources were identified.

## Addendum Survey Report

Submitted by Metcalf Archaeological Consultants, Inc.

PO Box 2154, Bismarck, North Dakota 58502

Phone: (701) 258-1215, Email: macnodak@metcalfarchaeology.com

The Kringlaak Reroute corridor was 995 feet (303 m) long and 300 feet (91 m) wide (Map 4). The area that the corridor crosses has been plowed except for the eastern-most 100 feet, which appears to be native prairie, but may have been plowed sometime in the past. GSV is 30 percent. The terrain is flat to slightly undulating uplands that give way to a more rugged topography to the south and east. No snow was present. No cultural resources were identified.

The survey corridors for the access roads were 150 feet (46 m) wide. The Hartel Access Road 1 is approximately 2610 feet (796 m) long (Map 2). The road crosses a tributary of Cherry Creek and passes through uplands on the west side of Cherry Creek. Much of the route is currently a bladed field access road and portions have been lightly graveled. The route passes through grazed native prairie with a GSV of 30 percent. No snow was present at the time of the survey. One prehistoric isolated find, 32MZx1334, was identified (see below).

The Hartel Access Road 2 is approximately 650 feet (198 m) long (Map 2). The road runs from a recently constructed oil pad access road, across a corn-stubble field in the Cherry Creek Valley, to the Hartel Reroute. GSV was 80 percent. No snow was present. No cultural resources were identified.

The Stevenson Access Road 1 is approximately 1845 feet (562 m) long (Map 5). The northern end is along a bladed two-track and crosses a cattle yard adjacent to a farmstead. Where not disturbed, the road crosses rolling native prairie (Figure 5). The high spots along this road consist of scoria hills with little to no developed soils. GSV was approximately 25 percent. While there was some snow at the northern bladed area of the access road, overall snow cover was less than one percent. No cultural resources were identified.

The Stevenson Access Road 2 is approximately half a mile south of Access Road 1 (Map 5) and goes from a point along the centerline to another point along the centerline (shoofly). The road is approximately 2600 feet (792 m) long. The northern leg of the road passes across a plowed field along a terrace of an ephemeral drainage (Figure 6). The east-west leg of the access road is atop a new pipeline scar and was not intensively inventoried. GSV was approximately 10 percent. Though there was snow in the area, there was none at the access road proper. No cultural resources were identified.

13. **Results and Recommendations:** One isolated find was recorded. The isolated find, 32MZx1334, consists of one secondary KRF flake found in the road cut associated with the Hartel access road. The flake was possibly hauled in along with the gravel used on the road. Isolated finds are not eligible for inclusion on the NRHP. MAC recommends a finding of *No Historic Properties Affected* for the portions of the project as surveyed, mapped, and documented herein.

## Addendum Survey Report

Submitted by Metcalf Archaeological Consultants, Inc.  
PO Box 2154, Bismarck, North Dakota 58502  
Phone: (701) 258-1215, Email: macnodak@metcalfarchaeology.com

### 14. References Cited:

Kulevsky, Andrea

2012a *Addendum 1 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams County, North Dakota.* Prepared by Metcalf Archaeological Consultants, Inc., Bismarck, North Dakota. Prepared for Bartlett & West Engineering, Bismarck, North Dakota. Manuscript on file at the State Historical Society of North Dakota, Bismarck.

2012b *Addendum 2 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams County, North Dakota: Access Roads and Reroutes.* Prepared by Metcalf Archaeological Consultants, Inc., Bismarck, North Dakota. Prepared for Bartlett & West Engineering, Bismarck, North Dakota. Manuscript on file at the State Historical Society of North Dakota, Bismarck.

2012c *Addendum 3 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams County, North Dakota: Access Roads and Reroutes.* Prepared by Metcalf Archaeological Consultants, Inc., Bismarck, North Dakota. Prepared for Bartlett & West Engineering, Bismarck, North Dakota. Manuscript on file at the State Historical Society of North Dakota, Bismarck.

Kulevsky, Andrea and Ed Stine

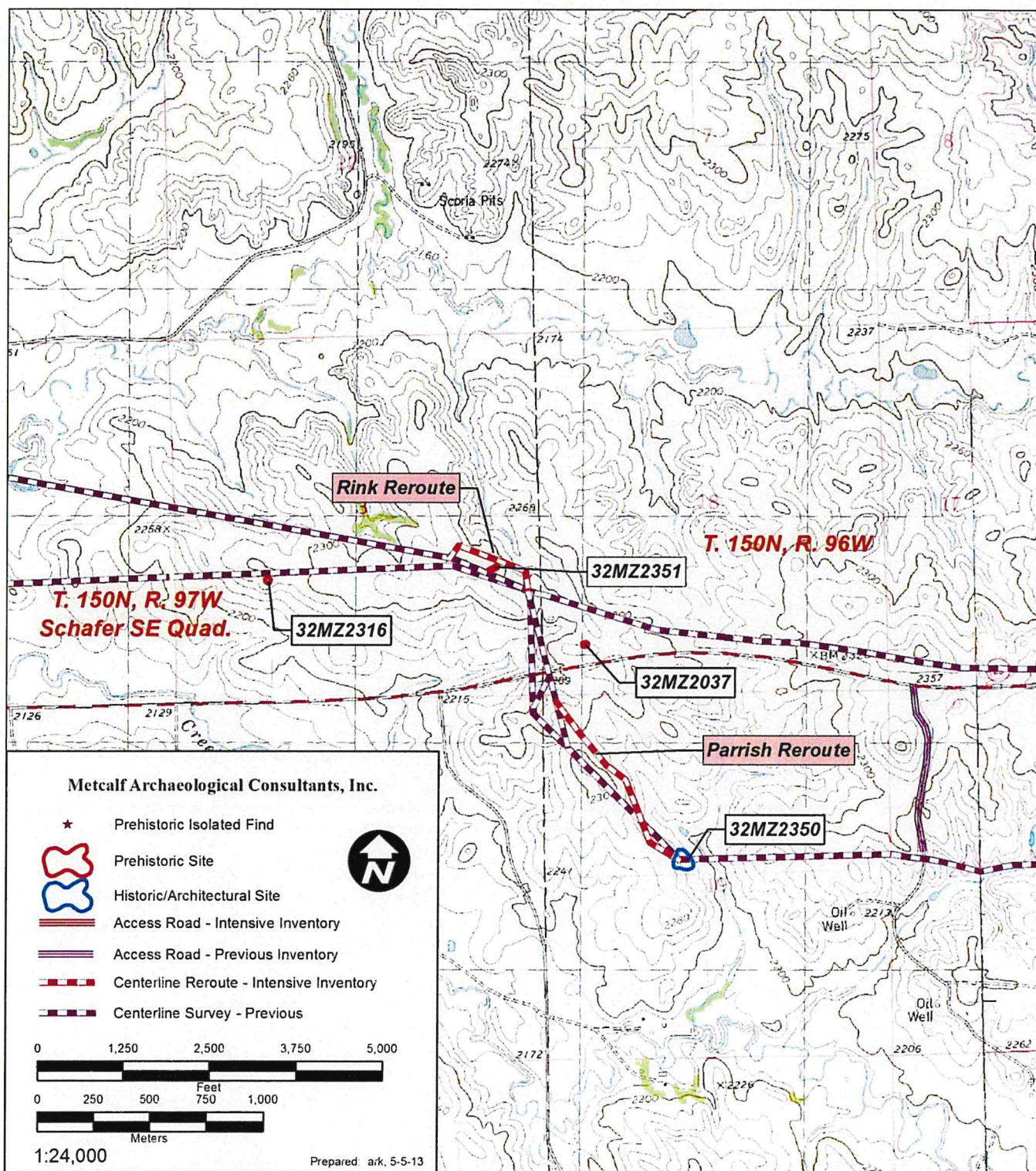
2012 *BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie, and Williams County, North Dakota.* Prepared by Metcalf Archaeological Consultants, Inc., Bismarck, North Dakota. Prepared for Bartlett & West Engineering, Bismarck, North Dakota. Manuscript on file at the State Historical Society of North Dakota, Bismarck.

State Historical Society of North Dakota (SHSND)

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

# Addendum Survey Report

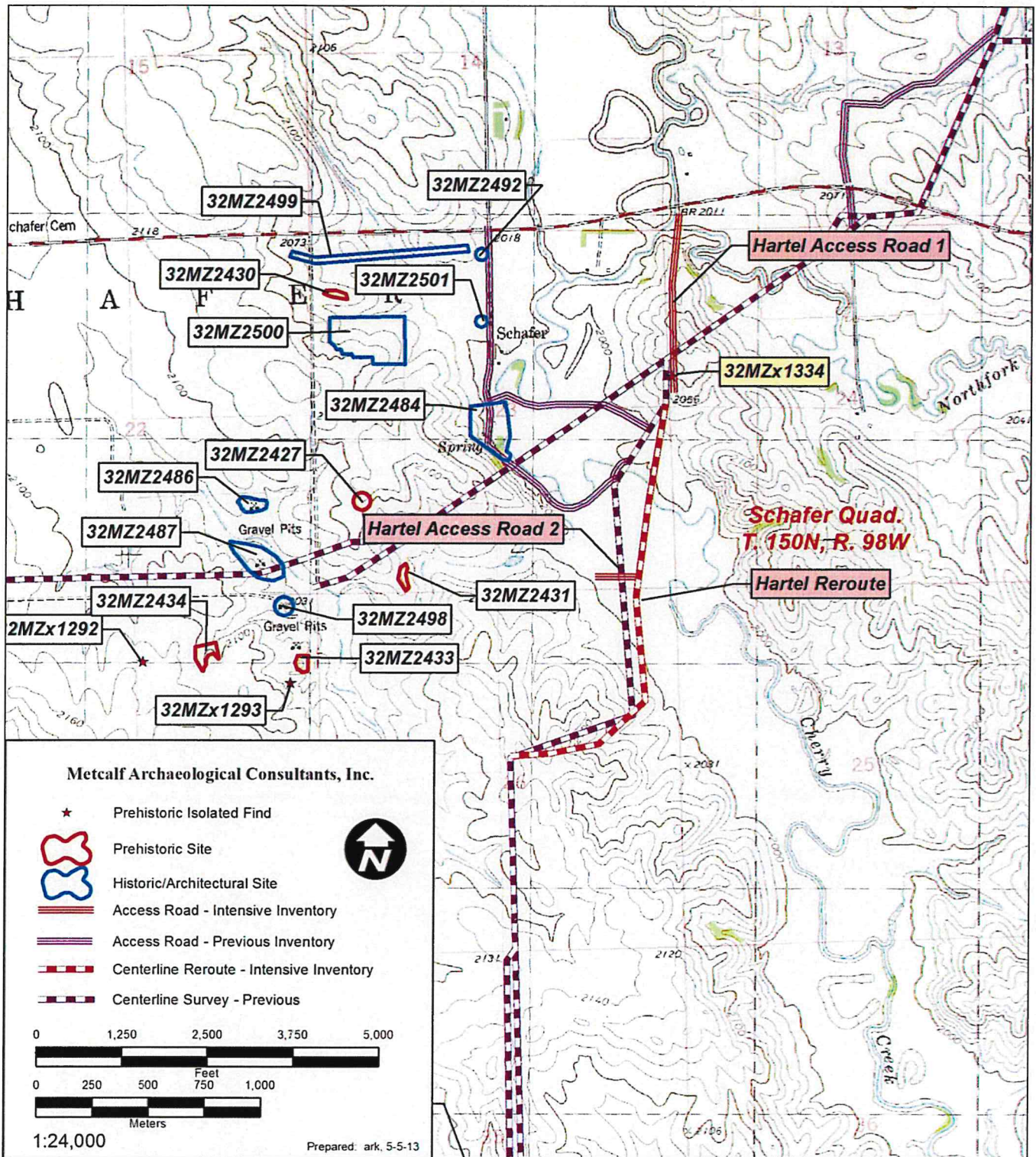
## Map and Photo Section



**Map 1:** The location of the project area, cultural resources, surveys, and the Parrish and Rink Reroutes depicted on the USGS 7.5' Schafer SE (1978) quadrangle map.

# Addendum Survey Report

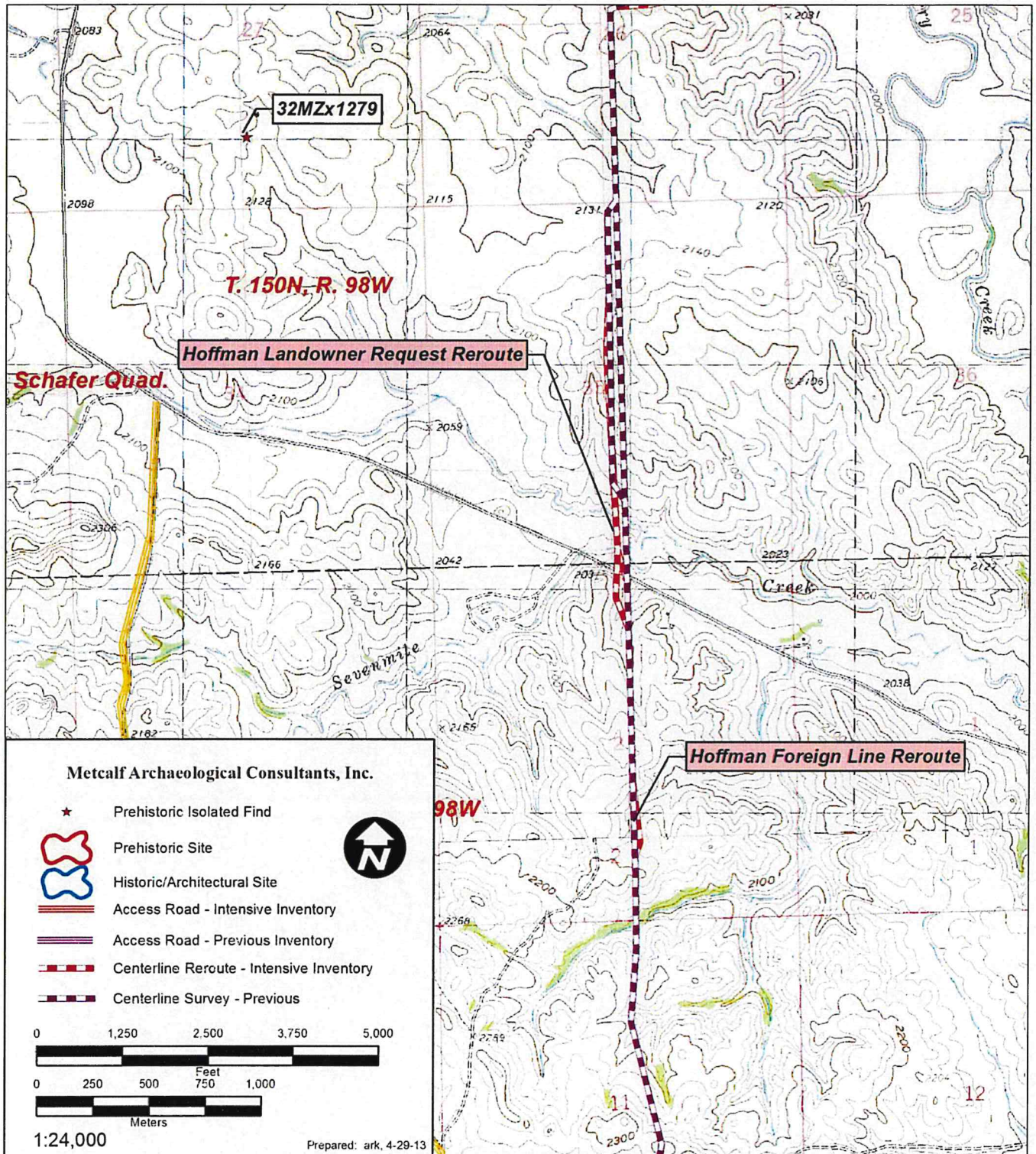
## Map and Photo Section



**Map 2:** The location of the project area, 32MZx1334, cultural resources, surveys, the Hartel Access Roads 1 and 2, and the Hartel Reroute depicted on the USGS 7.5' Schafer (1978) quadrangle map.

# Addendum Survey Report

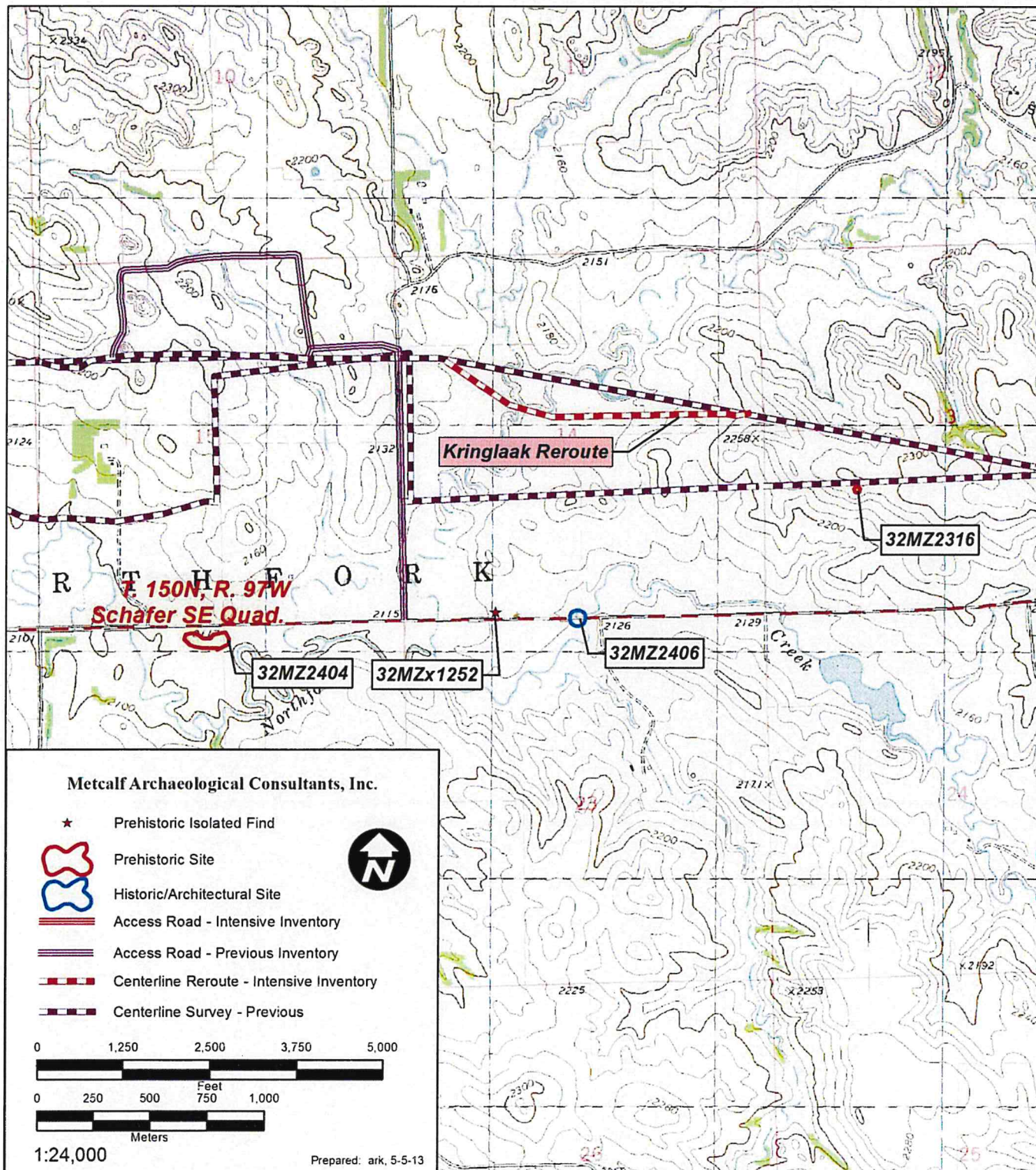
## Map and Photo Section



**Map 3:** The location of the project area, cultural resources, surveys, Hoffman Landowner Reroute Request, and Hoffman Foreign Line reroutes depicted on the USGS 7.5' Schafer (1978) quadrangle map.

# Addendum Survey Report

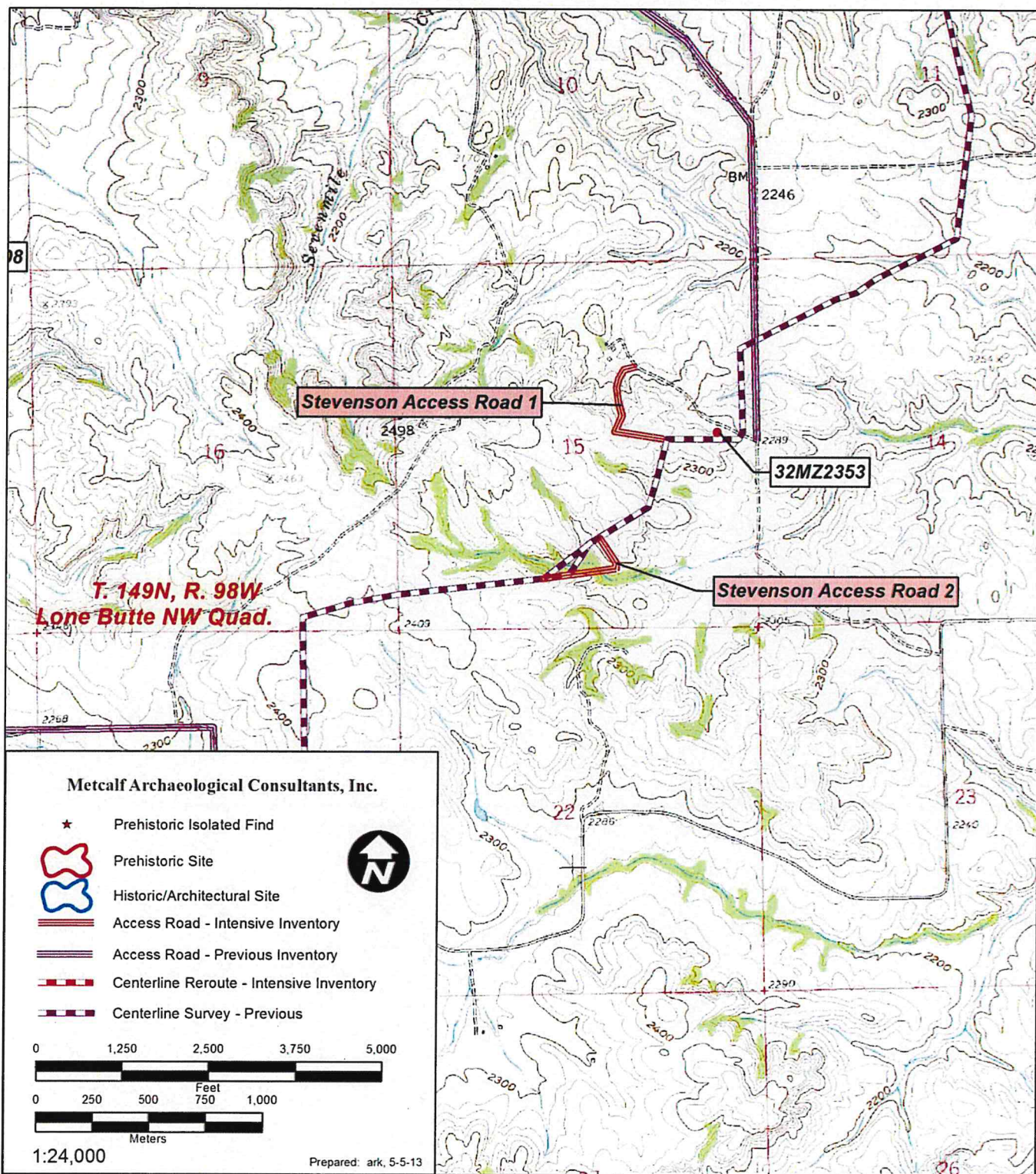
## Map and Photo Section



**Map 4:** The location of the project area, cultural resources, surveys, and Kringlaak Reroute depicted on the USGS 7.5' Schafer SE (1997) quadrangle map

# Addendum Survey Report

## Map and Photo Section



**Map 5:** The location of the project area, cultural resources, surveys, and the Sorenson Access Roads 1 and 2 depicted on the USGS 7.5' Lone Butte NW (1959) quadrangle map.

**Addendum Survey Report**  
Map and Photo Section



**Figure 1:** View to the southeast of the Parrish Reroute (Image 5-2-13-330).



**Figure 2:** View to the east-southeast of the Rink Reroute (Image 5-2-13-329).

**Addendum Survey Report**  
Map and Photo Section



**Figure 3:** View to the east of the Hartel Reroute (Image 4-25-13-322).



**Figure 4:** View to the north of the Hoffman Landowner Request Reroute (Image 4-12-13-309).

**Addendum Survey Report**  
Map and Photo Section



**Figure 5:** View to the south of the Stevenson Access Road 1 (Image 4-12-13-310).



**Figure 6:** View to the east of the Stevenson Access Road 2 (Image 4-12-13-311).



**STATE  
HISTORICAL  
SOCIETY**  
OF NORTH DAKOTA

COPY

Jack Dalrymple  
Governor of North Dakota

May 14, 2013

North Dakota  
State Historical Board

Mr. James Landenberger  
Bartlett & West Engineers  
3456 East Century Avenue  
Bismarck, ND 58505-0830

Gereld Gerntholz  
Valley City - President

Calvin Grinnell  
New Town - Vice President

NDSHPO REF.: 11-0238f PSC "Addendum 4 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark Dunn, McKenzie and Williams Counties, North Dakota"

A. Ruric Todd III  
Jamestown - Secretary

Albert I. Berger  
Grand Forks

Dear Mr. Landenberger:

Diane K. Larson  
Bismarck

We reviewed NDSHPO REF.: 11-0238f PSC "Addendum 4 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark Dunn, McKenzie and Williams Counties, North Dakota" and found the report acceptable. If consulted by a federal agency, we would concur with determinations of "No Historic Properties Affected" and "No Significant Sites Affected" at the state level, provided the project remains as described and mapped in the above-captioned report.

Chester E. Nelson, Jr.  
Bismarck

Margaret Puetz  
Bismarck

Sara Otte Coleman  
Director  
Tourism Division

Thank you for the opportunity to review this project. If you have questions please contact Susan Quinnell at [squinnell@nd.gov](mailto:squinnell@nd.gov) or (701) 328-3576.

Kelly Schmidt  
State Treasurer

Sincerely,

Alvin A. Jaeger  
Secretary of State

Mark Zimmerman  
Director  
Parks and Recreation  
Department

Merlan E. Paaverud, Jr.  
State Historic Preservation Officer (North Dakota)

Grant Levi  
Acting Director  
Department of Transportation

Merlan E. Paaverud, Jr.  
Director

Accredited by the  
American Alliance  
of Museums since 1989

11-0238f



ENVIRONMENTAL • ENGINEERING • LAND SURVEYING

May 15, 2013

Mr. Lawrence Bender  
Frederickson and Byron, PA  
200 North Third St, Suite 150  
Bismarck, ND 58501-3879

**RE: BakkenLink Pipeline Reroutes**

Dear Mr. Bender,

Carlson McCain has reviewed the proposed reroutes to the BakkenLink Pipeline (as depicted on the exhibits prepared by Bartlett and West) in accordance with the North Dakota Public Service Commission (Commission) evaluation criteria set forth in the North Dakota Administrative Code (NDAC) §69-06-08-02(1) and (2). No exclusion or avoidance areas will be included within a half-mile corridor on either side of the proposed centerline.

In addition, Carlson McCain completed a survey for wetlands and waterbody crossings during the 2012 field season; which have been identified in previous filings. The area of impact for these wetlands/waterbodies will shift to correspond with the new centerline. A tree and shrub inventory is also complete along the proposed reroute(s).

Please call me at 701-595-7001 or Chad Tucker at 701-595-7007 if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Todd Hartleben', with a long horizontal flourish extending to the right.

Todd Hartleben, PE  
Senior Engineer

Attachment(s)

cc: Darren Snow, BakkenLink Pipeline LLC  
James Landenburger, Bartlett and West  
Jarrett Davis, PSC Consultants