

# **Bridger Pipeline, LLC Inspection Report**

## **Phase 1 – Construction Phase**

Prepared for:

**NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**  
600 E. Boulevard Avenue  
Bismarck, ND 58505-0480

Prepared by:

**WENCK ASSOCIATES, INC.**  
301 1<sup>st</sup> Street NE  
Suite 202  
Mandan, ND 58554  
(701) 751-3370

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# Table of Contents

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**EXECUTIVE SUMMARY .....1**

**1.0 BACKGROUND AND PURPOSE..... 1-1**

**2.0 MEETING AND SITE INSPECTION REPORT..... 2-1**

**3.0 CONCLUSION ..... 3-1**

**APPENDICES**

Table 1 Photo Number and Coordinates of Each Location

Appendix A Layout of Pipeline Right-of-Way & Photo Locations

Appendix B Field Inspection Photos with Descriptions

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## **Executive Summary**

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The North Dakota Public Service Commission (ND PSC) retained Wenck Associates, Inc. (Wenck) to complete a two Phase Pipeline Inspection Report for the Bridger Pipeline, LLC (Bridger) crude oil pipeline in McKenzie, Dunn and Billings Counties in North Dakota. Phase I has been completed during the construction period and Phase 2 will be a Post-Construction inspection of the pipeline facilities. The performance of the construction inspections are for the purpose of ensuring the project is constructed in compliance with the siting laws and rules and applicable ND PSC's September 22, 2010 Orders.

The conclusion for the Phase I Pipeline Inspection Report for Bridge Pipeline, LLC is that all critical issues that were discovered have been or are being addressed by Bridger. There is no action required by ND PSC at this time. Any future critical issues will be addressed in the Phase 2, Post-Construction Report.

This report contains the results of the Phase I inspections.

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## 1.0 Background and Purpose

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In July of 2011, the North Dakota Public Service Commission (ND PSC) retained Wenck Associates, Inc. (Wenck) to prepare a two Phase Pipeline Inspection Report for the Bridger Pipeline, LLC 77-mile crude oil pipeline extending through McKenzie, Dunn and Billings Counties in North Dakota. This report includes, but is not limited to documentation of the status of the right-of-way reconstruction and inspection/documentation of any deficient areas throughout the pipeline (i.e. eroded areas and slope failures).

### **Background:**

The North Dakota Energy Conversion and Transmission Facility Act (North Dakota Century Code Chapter 49-22) authorizes the Public Service Commission to determine that the location, construction, and operation of jurisdictional energy conversion and transmission facilities will produce minimal adverse effects on the environment and the welfare of citizens of North Dakota. Commission inspections ensure the project is constructed in compliance with the siting laws and rules and applicable Commission Orders. On September 22, 2010 the Commission issued its Findings of Fact, Conclusions of Law, and Order in Case No. PU-09-750 granting a Certificate of Corridor compatibility and a Route Permit to Bridger Pipeline, LLC for the construction of a 77-mile 12-inch diameter pipeline.

### **Purpose of Inspection:**

Wenck agrees to provide specific documentation and reports to the Commission for this siting project certifying that the transmission facility siting project has been constructed in compliance with the siting laws and rules and the applicable Findings of Facts, Conclusions of Law, and Order issued by the ND PSC.

**Roles of Personnel:**

Wenck's Team:

Kevin Magstadt – Project Manager  
Travis Schmit – Field Technician

Bridger's Team:

Don Clark – Supervisor  
Tommy Massengale – Pipeline Inspector  
Chad Jackson – Pipeline Inspector  
Dustin Noble – Pipeline Inspector

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## 2.0 Meeting & Inspection Report

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### **Pre-Inspection Meeting:**

On Monday, July 25, 2011 Mr. Kevin Magstadt and Travis Schmit of Wenck attended a pre-inspection meeting with Mr. Don Clark of Bridger Pipeline, LLC. Prior to the start of the meeting Mr. Clark had visually surveyed the entire 77-miles of pipeline with the use of a helicopter to identify issues that needed to be addressed to ensure stability of the pipeline and safety to the general public. Mr. Clark addressed an isolated area of the pipeline that had been eroded due to low cohesion of the soils and higher than average amounts of rainfall and mentioned that this area would be fixed as soon as possible. The eroded area of the pipeline would need to be stabilized to reduce the risk of potential damage to the pipeline.

The inspection meeting concluded with the understanding that Wenck personnel would travel the entire pipeline to check for areas that may have eroded or settled from the winter construction process. To keep out of the construction traffic, a decision was made to start on the inspection task on the south side of the pipeline west of Dickinson and proceed north. On behalf of Bridger pipeline, Mr. Clark agreed to provide technical staff to assist Wenck personnel with access and navigation throughout the project.

Throughout the course of the pipeline inspection, Bridger and their staff was very helpful in providing access and navigation throughout the pipeline right-of-way. Bridger staff took immediate action when a deficient area was noticed. Mr. Clark made himself available throughout the project if questions were to arise.

### **Summary of Field Work:**

### Inspection Process:

Wenck staff utilized a four-wheel drive ATV to limit disturbance of the right-of-way and to help travel along the extent of the 77-miles of pipeline. The use of a handheld GPS and digital camera were also used to note field locations and visual documentation of the right-of-way. GPS locations and photographs were taken at random locations to note the path of the pipeline and also to note deficient areas of the right-of-way. Table 1 at the end of the report shows the photograph locations with GPS coordinates, Appendix A shows the layout of the right-of-way with respect to the field locations noted on Table 1. Appendix B includes field photographs taken and a description of each photo.

### Day 1 (Tuesday, July 26, 2011):

On the first day of the inspection process, Wenck met with Mr. Don Clark to determine best access routes for the south half of the pipeline. Each of the access routes was based off of South Heart Road. The work schedule for the week was tentatively figured out and Bridger inspectors were notified as to the schedule of events.

### Day 2 (Wednesday, July 27, 2011):

The second day of inspections, Wenck worked with Mr. Massengale of Bridger to conduct the on-site inspection process. This day consisted of inspection across relatively flat terrain and traveled a total of approximately 16 miles of right-of-way. Along the route there were a few areas where ponding water was present and settlement of soils (noted in Photo 5 in Appendix B). The area of settlement was relatively short (less than 150 feet in length to a depth of approximately 1 ½ feet). Soils were a mix of clayey sands and silty sands with gravel throughout the right-of-way. In various locations local farmers/renters had planted across the top of the right-of-way prior to final restoration activities by Bridger. The rest of the right-of-way inspected on this day was ready for final restoration (i.e. rock picking, placement of topsoil, final grading, and planting of native plant species).

### Day 3 (Thursday, July 28, 2011):

As the inspection process continued on the third day, Wenck was accompanied by Mr. Massengale to inspect the right-of-way. The terrain started off flat and had become hilly towards

the end of the day. There were a few areas of the right-of-way where local farmers/renters had planted on top of the pipeline right-of-way. Soils consisted of clayey sands and silty sands and were dry to wet in isolated areas. The right-of-way was still in need of final restoration. On this day a total of approximately 22 miles were inspected. Approximately 38 miles of pipeline had been covered by end of Day 3..

Day 4 (Monday, August 1, 2011):

The following week, the inspection process continued, Travis of Wenck and Mr. Jackson followed the right-of-way up to the Little Missouri River. The terrain became very hilly and steep. The soils in this area were composed of mostly sand with some gravel and were relatively dry in moisture content. At the top of the hill Mr. Jackson had pointed out the area of the eroded soils that the ND PSC had photographed. Prior to Wenck's arrival to this area, Bridger had fixed the eroded section of the pipeline.

Inspection of the right-of-way then continued on the north side of the river. The soils were again dry in moisture content and composed mostly of sand and gravel. The terrain had become very flat shortly after the Little Missouri River. Inspection of the right-of-way continued through fields on the reservation that were awaiting final restoration by Bridger. As the day ended a total of 12 miles had been inspected for a total of approximately 50 miles.

Day 5 (Tuesday, August 2, 2011):

On day 5 of the inspections, Wenck and Mr. Jackson of Bridger traveled along the right-of-way through various fields and pastures. The soils were a mix of sands and clay that were relatively dry, with the exception of a few areas that were wet in moisture content. Bridger had to perform final restoration to the right-of-way of the 11 miles that was inspected on day 5. Upon completion of this day approximately 61 miles had been inspected.

Day 6 (Wednesday August 3, 2011):

Inspections continued on day 6 with a remainder of 16 miles to be inspected. Wenck and Mr. Noble of Bridger performed the inspections. Most of the right-of-way was relatively flat with a

few hilly areas. The soils were clayey sand and relatively moist in moisture content. Right-of-way in this area still needed final restorations.

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## 3.0 Conclusion

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### Overall Site Inspection Process:

During the inspection process, the right-of-way had soils ranged from silty sand, clayey sand, to areas of lean clay. According to the United States Geological Survey the majority of the right-of-way consists of glacial marine sediment and sub/supra glacial sediment. The soils generally tended to be dry of their optimum moisture content. However, in isolated areas of the pipeline, the soils were wet. Various sections of the right-of-way also had topsoil mounded on the edges and the entire right-of-way needed final restoration.

In one isolated area shown on photo 5 in Appendix B, settlement of the soil was observed over the pipeline trench to a depth of approximately 1 ½ feet for a span of approximately 150 feet in length. Bridger was notified of this area during the inspection process.

Along the right-of-way, a few locations had planted crops across the right-of-way prior to final restorations by Bridger. Other areas were not disturbed on the ground surface due to directional boring of the pipeline; this was observed at locations near tree lines, road crossings, various hills, and river/stream channels.

A list of issues that Wenck was inspecting for included:

- Erosion
- Slope stability issues
- Soil settlement
- Routing in proper right-of-way (ROW)
- Avoidance of cultural resources
- Avoidance of threatened & endangered species habitat, etc.
- Avoidance of undue damage to roads, streams, etc.

As the inspection process proceeded Bridger was able to fix the eroded area prior to Wenck's field inspection. Wenck field staff did not directly observe any slope failures on the 77-miles of pipeline inspected. To aid in protection from erosion, Bridger had installed water boards (i.e. a trench cut perpendicular to the pipeline with soil from the trench mounded on the downward side of the slope) on the slopes of the hills to collect and divert the water perpendicular to the pipeline; these were found throughout the right-of-way and where approximately 2 feet in height and spanned the entire width of the right-of-way.

Throughout the course of the field inspection, photos of the right-of-way were taken and field coordinates were recorded through the use of a handheld GPS. Appendix A shows the layout of the pipeline and the locations of the photos that were taken. Appendix A-I through A-III shows the layout of the locations in greater detail. All site inspection photos of the right-of-way are provided in Appendix B, which provide a description of each photo and correspond to the location numbers in Table 1 (list of location numbers with coordinates).

#### Archeological Sites:

Various archeological sites were marked along the right-of-way of the pipeline. Bridger stayed in compliance by keeping adequate distance away from these locations to preserve the natural environment. Just north of the Little Missouri River there was one location that was permitted by the ND PSC to allow Bridger to stay 25 feet away from the archeological site due to terrain of the right-of-way.

#### Inspection Miles Per Day:

Wenck field inspections lasted a total of 7 business days. Actual miles traveled varied depending upon access routes, terrain, and navigating around the Little Missouri River. The average miles traveled per day for the inspection process was approximately 13 miles with the use of an ATV.

#### Acceptance of Work:

Bridger's pipeline project does stay within the right-of-way proposed. At the time of Wenck field inspections all roads were serviceable and there was no eroded area to be found throughout the right-of-way. Near various tree lines, road crossings, hills, and creek/river beds, Bridger had

bored the pipeline underneath these areas to reduce the impact to the natural environment. All fence lines had been restored and access gates were placed at each fence line for access to the right-of-way. Bridger had taken extra measures to help prevent washouts on sloped surfaces of the right-of-way by installing water boards that ran perpendicular to the pipeline to shed water away and reduce the flow rate of precipitation runoff.

Closure of Work to Complete:

The entire right-of-way was still undergoing the final restoration process (i.e. final grading, rock picking, and planting of native plant species). Wenck has reserved a week to perform the final field inspections and a Phase 2 Post-Construction Report to insure the restoration process is complete and meets the ND PSC standards. Wenck proposes to conduct the final inspection (Phase 2 – Post Construction) at a mutually agreed upon date to determine if the final restoration process has been completed and planting of native plant species was efficient and meets the ND PSC's standards.

# **Table 1**

**Table 1. Photo Location with Corresponding Coordinates**

Photo	Northing (m)	Easting (m)
1	648778	5213225
2	649379	5213633
3, 4	652259	5221222
5	652259	5221222
6	652499	5224783
7	651815	5231974
8	656415	5238783
9, 10	658419	5244390
11	657801	5243507
12, 13	656539	5242770
14, 15	655617	5242236
16, 17	658795	5248667
18, 19	658785	5251194
20, 21	658663	5250162
22, 23	659010	5253342
24, 25	659075	5254332
26, 27	659261	5255223
28	659604	5256098
29	659894	5256380
30, 31	660633	5257125
32	660638	5257533
33, 34	661542	5258396
35	661734	5259390
36, 37	661745	5260096
38, 39	662412	5260387
40	662432	5260660
41, 42	661804	5263206
43	661648	5261775
44	661638	5263874
45	661517	5264843
46, 47	661486	5265712
48, 49	661431	5266658
50, 51	660845	5268261
52, 53	660172	5269297
54	660028	5270281
55	660020	5270501
56	660087	5270931
57, 58	659856	5271798
59, 60	659526	5272726
61, 62	659787	5273549

Photo	Northing (m)	Easting (m)
63	659606	5274180
64, 65	659637	5274865
66, 67	659643	5275663
68, 69	659657	5277154
70, 71	660983	5278218
72, 73	661915	5279772
74, 75	662236	5280772
76, 77	661490	5283131
78, 79	661297	5284745
80, 81	660768	5285788
82, 83	656043	5315124
84, 85	656490	5314360
86, 87	656559	5313528
88, 89	656843	5312720
90, 91	656892	5311110
92, 93	656965	5309805
94, 95	656953	5308710
96, 97	656948	5307897
98, 99	656902	5306288
100, 101	656843	5304887
102, 103	656834	5303877
104, 105	656838	5303366
106, 107	656691	5301467
108, 109	656670	5300142
110, 111	657242	5299080
112, 113	657245	5298949
114, 115	657071	5296774
116, 117	656890	5295550
118, 119	657240	5294281
120, 121	657119	5293378
122, 123	657489	5291826
124, 125	657538	5290696
126, 127	657643	5289753
128, 129	657987	5288964
130, 131	659071	5288015
132, 133	659466	5287474
134, 135	659985	5286689
136, 137	660659	5285861
138, 139	660856	5285668
140, 141	661401	5284259

**Notes:**

-Northing/Easting are in Universal Transverse Mercator Coordinate System.

# **Appendix A**



McKenzie

Billings

Dunn

**Legend**

- ▲ Photo Locations
- Pipeline Right-of-Way
- ND Highway
- County
- Cities

Source: 2010 NAIP Aerial Photo

0 0.5 1 2 3 Miles

Path: L:\2579\02\mxd\APPENDIX A-I.mxd  
Date: 8/19/2011 Time: 10:44:26 AM User: AskJD0431

North Dakota Public Service Commission

McKenzie, Dunn, and Billings Counties, ND



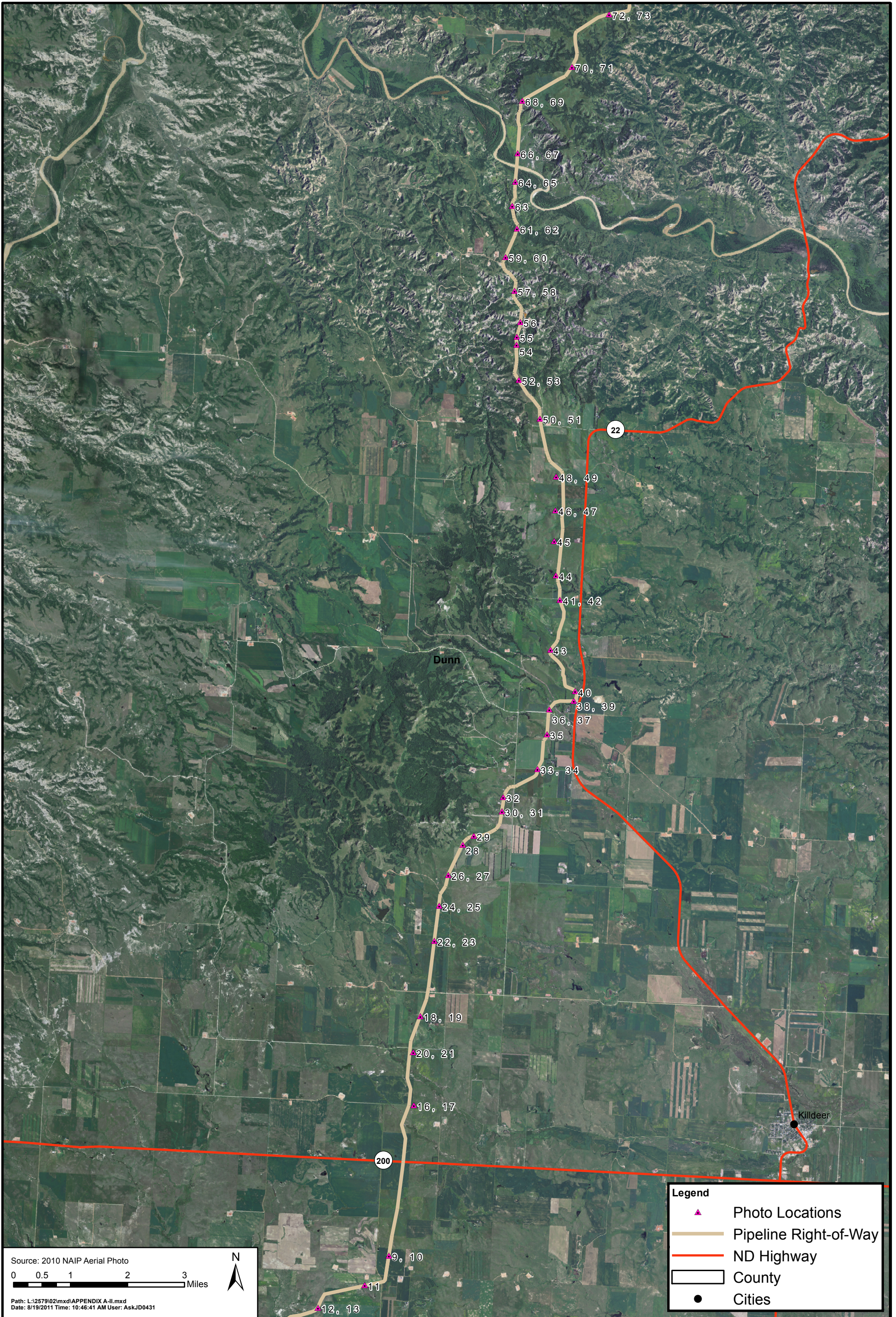
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APPENDIX A-I








Source: 2010 NAIP Aerial Photo



Path: L:\2579\02\mxd\APPENDIX A-II.mxd  
Date: 8/19/2011 Time: 10:46:41 AM User: AskJD0431

**Legend**

-  Photo Locations
-  Pipeline Right-of-Way
-  ND Highway
-  County
-  Cities

North Dakota Public Service Commission

McKenzie, Dunn, and Billings Counties, ND



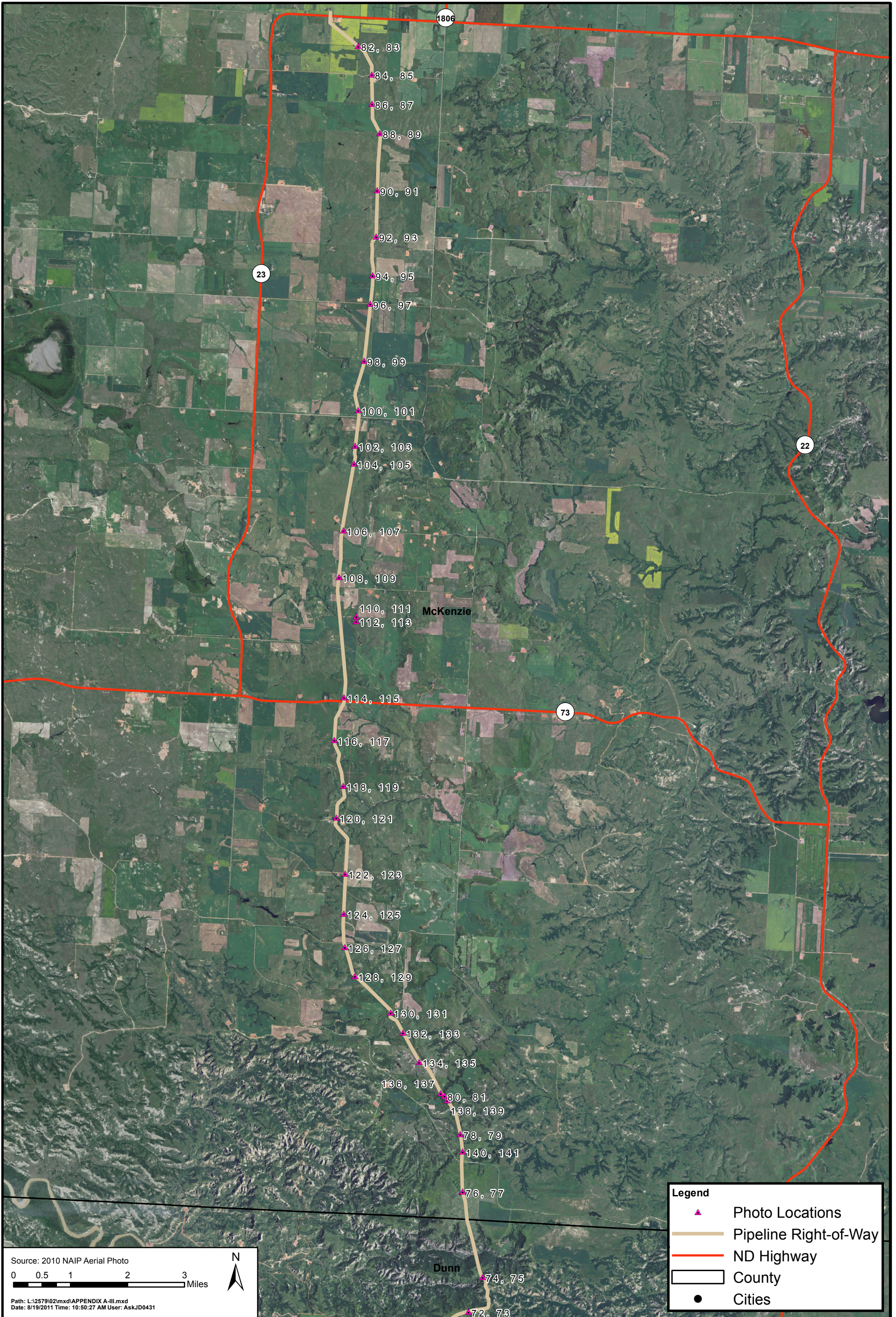
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APPENDIX A-II



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 701-751-3370

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APPENDIX A-III

# **Appendix B**



**Photo 1.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 2.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way had wet soil conditions and needed final restoration.



**Photo 3.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way had been planted by the farmer.



**Photo 4.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown had wet soil conditions and needed final restoration.



**Photo 5.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit there was a one foot deep trench above the pipeline and the right-of-way needed final restoration.



**Photo 6.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 7.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 8.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 9.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 10.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 11.** Direction: Southwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown had isolated wet soil conditions, needed topsoil spread and final restoration to be completed.



**Photo 12.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 13.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 14.** Direction: Southwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 15.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 16.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown had wet soil conditions, needed topsoil spread, and final restoration.



**Photo 17.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 18.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 19.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 20.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 21.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 22.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 23.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 24.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 25.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 26.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 27.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 28.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 29.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 30.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 31.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 32.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 33.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 34.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 35.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown needed topsoil spread for a total segment length of approximately 1,500 feet and final restoration.



**Photo 36.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown needed topsoil spread and final restoration.



**Photo 37.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 38.** Direction: West. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 39.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 40.** Direction: Northwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown needed topsoil spread and final restoration.



**Photo 41.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 42.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 43.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 44.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 45.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 46.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 47.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 48.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 49.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 50.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 51.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 52.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 53.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 54.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 55.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 56.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 57.** Direction: Northwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 58.** Direction: Southeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 59.** Direction: Southeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown was wet and needed final restoration.



**Photo 60.** Direction: Northwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 61.** Direction: Northwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 62.** Direction: Southeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 63.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 64.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown had wet soil conditions and needed final restoration.



**Photo 65.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 66.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 67.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 68.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown needed slope contour fixed and final restoration.



**Photo 69.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 70.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 71.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 72.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 73.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 74.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 75.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 76.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 77.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 78.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 79.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the area shown needed topsoil spread and final restoration.



**Photo 80.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 81.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 82.** Direction: Southeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 83.** Direction: Northwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 84.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 85.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 86.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 87.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 88.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 89.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 90.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 91.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 92.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 93.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 94.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 95.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 96.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 97.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 98.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 99.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 100.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 101.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 102.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 103.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 104.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 105.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 106.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 107.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 108.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 109.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 110.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration



**Photo 111.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 112.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 113.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 114.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 115.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 116.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 117.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 118.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 119.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 120.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 121.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 122.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 123.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 124.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 125.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 126.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 127.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 128.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 129.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 130.** Direction: Southwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 131.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 132.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 133.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 134.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 135.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 136.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 137.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 138.** Direction: South. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 139.** Direction: North. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 140.** Direction: Southwest. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed final restoration.



**Photo 141.** Direction: Northeast. This photo shows the right-of-way for the Bridger Pipeline. At the time of our site visit the right-of-way needed topsoil spread and final restoration.