



**WBI ENERGY TRANSMISSION, INC.**

**Wahpeton Expansion Project**

**Resource Report 8  
Land Use, Recreation, and Aesthetics**

**Final**

**Docket No.  
CP22-XXX-000**

**May 2022**

**WBI ENERGY TRANSMISSION, INC.  
WAHPETON EXPANSION PROJECT  
RESOURCE REPORT 8—LAND USE, RECREATION, AND AESTHETICS**

Minimum Filing Requirements For Environmental Reports:	Addressed In:
<p>1. Describe the width and acreage requirements of all construction and permanent rights-of-way and the acreage required for each proposed plant and operational site, including injection or withdrawal wells.</p> <ul style="list-style-type: none"> <li>i. List, by milepost, locations where the proposed right-of-way would be adjacent to existing rights-of-way of any kind.</li> <li>ii. Identify, preferably by diagrams, existing rights-of-way that would be used for a portion of the construction or operational right-of-way, the overlap and how much additional width would be required.</li> <li>iii. Identify the total amount of land to be purchased or leased for each aboveground facility, the amount of land that would be disturbed for construction and operation of the facility, and the use of the remaining land not required for project operation.</li> <li>iv. Identify the size of typical staging areas and expanded work areas, such as those at railroad, road, and waterbody crossings, and the size and location of all pipe storage yards and access roads — 18 Code of Federal Regulations (“CFR”) § 380.12(j)(1).</li> </ul>	Section 8.2 and appendix 1D of Resource Report 1
<p>2. Identify, by milepost, the existing use of lands crossed by the proposed pipeline, or on or adjacent to each proposed plant and operational site—18 CFR § 380.12(j)(2).</p>	Section 8.2 and table 8.2-1
<p>3. Describe planned development on land crossed or within 0.25 mile of proposed facilities, the time frame (if available) for such development, and proposed coordination to minimize impacts on land use. Planned development means development which is included in a master plan or is on file with the local planning board or the county—18 CFR § 380.12(j)(3).</p>	Section 8.5
<p>4. Identify, by milepost and length of crossing, the area of direct effect of each proposed facility and operational site on sugar maple stands, orchards and nurseries, landfills, operating mines, hazardous waste sites, state wild and scenic rivers, state or local designated trails, nature preserves, game management areas, remnant prairie, old-growth forest, national or state forests, parks, golf courses, designated natural, recreational or scenic areas, or registered natural landmarks, Native American religious sites and traditional cultural properties to the extent they are known to the public at large, and reservations, lands identified under the Special Area Management Plan of the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, and lands owned or controlled by federal or state agencies or private preservation groups. Also identify if any of those areas are located within 0.25 mile of any proposed facility—18 CFR § 380.12(j)(4).</p>	Sections 8.4, 8.7, 8.8, 8.9, and 8.10
<p>5. Identify, by milepost, all residences and buildings within 50 feet of the proposed pipeline construction right-of-way and the distance of the residence or building from the right-of-way. Provide survey drawings or alignment sheets to illustrate the location of the facilities in relation to the buildings—18 CFR § 380.12(j)(5).</p>	Not applicable; see section 8.5
<p>6. Describe any areas crossed by or within 0.25 mile of the proposed pipeline or plant and operational sites which are included in, or are designated for study for, inclusion in: The National Wild and Scenic Rivers System (Title 16 United States Code part 1271); The National Trails System (16 United States Code 1241); or a wilderness area designated under the Wilderness Act (16 United States Code 1132)—18 CFR § 380.12(j)(6).</p>	Section 8.9
<p>7. For facilities within a designated coastal zone management area, provide a consistency determination or evidence that the applicant has requested a consistency determination from the state's coastal zone management program—18 CFR § 380.12(j)(7).</p>	Not Applicable
<p>8. Describe the impact the project will have on present uses of the affected area as identified above, including commercial uses, mineral resources, recreational areas, public health and safety, and the aesthetic value of the land and its features. Describe any temporary or permanent restrictions on land use resulting from the project—18 CFR § 380.12(j)(8).</p>	Sections 8.3, 8.3, 8.5, 8.9, and 8.11
<p>9. Describe mitigation measures intended for all special use areas identified under paragraphs (j) (2) through (6) of this section—18 CFR § 380.12(j)(9).</p>	Sections 8.3, 8.4, 8.7, 8.8, 8.9, and 8.10

10. Describe proposed typical mitigation measures for each residence that is within 50 feet of the edge of the pipeline construction right-of-way, as well as any proposed residence-specific mitigation. Describe how residential property, including for example, fences, driveways, stone walls, sidewalks, water supply, and septic systems, would be restored. Describe compensation plans for temporary and permanent rights-of-way and the eminent domain process for the affected areas—18 CFR § 380.12(j)(10).	Section 8.5
11. Describe measures proposed to mitigate the aesthetic impact of the facilities especially for aboveground facilities such as compressor or meter stations—18 CFR § 380.12(j)(11).	Not Applicable; see section 8.11
12. Demonstrate that applications for rights-of-way or other proposed land use have been or soon will be filed with federal land-managing agencies with jurisdiction over land that would be affected by the project - 18 CFR § 380.12(j)(12)	Section 8.10
<b>Additional Information:</b>	
1. Identify all buildings within 50 feet of the construction right-of-way or extra work areas.	Not applicable; see section 8.5
2. Describe the management and use of all public lands that would be crossed	Sections 8.4, 8.7, 8.8, 8.9, and 8.10
3. Provide a list of landowners by milepost or tract number that corresponds to information on alignment sheets	Appendix 1H of Resource Report 1
4. Provide a site-specific construction plan for residences within 25 feet of construction or as requested by Federal Energy Regulatory Commission staff	Not applicable; see section 8.5
<b>Federal Energy Regulatory Commission's April 4, 2022 Comments on Draft Resource Report 8:</b>	
1. Clarify whether any specialty or organic crops would be crossed by the planned Project, and discuss potential impacts and mitigation as applicable.	See updates to section 8.3.1.1
2. In section 8.2.2, clarify whether culverts would be need as part of the planned access road improvements or affect waterbodies or wetlands. If so, include locations and descriptions.	See updates to section 8.2.2
3. Clarify in section 8.3.1 whether "the entire topsoil layer" would be removed, or rather up to the top 12 inches.	See updates to section 8.3.1
4. Clarify the statement that the seeding would be "native vegetation and vegetation similar to what is existing in the area," especially if the existing vegetation is comprised of non-native species.	See updates to section 8.3.2
5. Specify in appendix 8D whether the road type is paved, gravel, dirt, or two-track. Clarify and discuss the planned open-cut crossings of the historic railroads at MP 53.2, 55.3, and 58.9.	See updates to appendix 8D
6. In section 8.3.4, clarify which road closures would occur during the dark, and indicate whether all road closures would always maintain one lane of traffic open, detours, and measures to allow emergency vehicles to pass.	See updates to section 8.3.4
7. Indicate whether there are potential visual resource receptors associated with all new aboveground facilities, and describe potential impacts and mitigation as applicable.	See updates to section 8.11
8. Clarify whether the segments of the North Country National Scenic Trail (NCNST) near the planned Project are certified or uncertified. Include the distance that the planned workspace abuts the NCNST north of 63rd Street SE, the minimum distance between the NCNST and the segment from MP 42.0 to 43.4, and the estimated duration of the bore activities of the County Road 4/NCNST. Include the setback distances that the bore workspaces would be located relative to the NCNST.	See updates to section 8.9
9. Include the acreage affected during construction and operation, the existing land use/vegetation type, and a description of permanent changes to vegetation type for the Private Land Open to Sportsmen lands. Describe any planned coordination with hunters, such as signage, outreach, or other methods and any planned mitigation.	See updates to section 8.9
10. Include direction and distance for the airport, food processing facility, and energy facility to table 8.11-1.	See updates to section 8.11
11. Include data columns for county, dimensions, landowner (private, state, federal), and reason needed for temporary workspaces to appendix 8A.	See updates to appendix 8A
12. Appendix 8B (Access Roads) does not include AR_031 and AR_037. Clarify if these IDs were purposely omitted. Clarify whether each access road is existing or new (not both). Specify in appendix 8B whether each permanent access road would be gravel, dirt, or both, for certain segments.	See updates to appendix 8B

13. Expand section 8.6 to include a discussion/use of WBI Energy's Plan for Unanticipated Discovery of Contaminated Environmental Media.	See updates to section 8.6
14. Identify the distance to the nearest residences from all aboveground structures and identify any screening between the structure and the residence. Further, identify any proposed visual screening that WBI Energy would install and maintain to minimize the visual impact of the facility (e.g., installing a combination of deciduous and evergreen trees).	See updates to section 8.11

**WBI ENERGY TRANSMISSION, INC.  
WAHPETON EXPANSION PROJECT  
RESOURCE REPORT 8—LAND USE, RECREATION, AND AESTHETICS**

**TABLE OF CONTENTS**

<b>8.0</b>	<b>RESOURCE REPORT 8—LAND USE, RECREATION, AND AESTHETICS.....</b>	<b>8-1</b>
8.1	LAND USE CLASSIFICATIONS.....	8-1
8.2	LAND USE REQUIREMENTS.....	8-1
	8.2.1 Pipeline Right-of-Way.....	8-2
	8.2.2 Additional Temporary Workspace.....	8-5
	8.2.1 Contractor Yards.....	8-5
	8.2.2 Access Roads.....	8-6
	8.2.3 Aboveground Facilities.....	8-6
8.3	LAND USE IMPACTS AND MITIGATION.....	8-7
	8.3.1.1 Agricultural Lands.....	8-8
	8.3.1.2 Prime Farmland and Specialty Crops.....	8-9
	8.3.1.3 Agricultural Drain Tiles.....	8-9
	8.3.2 Open Land.....	8-9
	8.3.3 Forested Land.....	8-10
	8.3.4 Developed Land.....	8-10
	8.3.5 Open Water.....	8-11
8.4	LAND OWNERSHIP.....	8-11
8.5	EXISTING RESIDENCES AND PLANNED DEVELOPMENTS.....	8-11
8.6	LANDFILLS AND HAZARDOUS WASTE SITES.....	8-12
8.7	CONSERVATION RESERVE PROGRAM.....	8-13
8.8	AGRICULTURAL CONSERVATION EASEMENT PROGRAM.....	8-13
8.9	RECREATION AND SPECIAL INTEREST AREAS.....	8-13
8.10	GRASSLAND CONSERVATION EASEMENTS.....	8-16
8.11	VISUAL RESOURCES.....	8-16
8.12	LANDOWNER COMPLAINT RESOLUTION PROCEDURE.....	8-18
8.13	CUMULATIVE IMPACTS.....	8-18
	8.13.1 Land Use.....	8-19
	8.13.2 Recreation and Special Interest Areas.....	8-20
	8.13.3 Visual Resources.....	8-20
8.14	REFERENCES.....	8-22

**LIST OF TABLES**

Table 8.2-1	Land Uses Affected by Construction and Operation of the Project.....	8-3
Table 8.3-1	Impacts to Agricultural Lands by National Land Cover Database Type.....	8-8
Table 8.6-1	Hazardous Waste Sites Within 0.25 Mile of the Project.....	8-13
Table 8.11-1	Potential Visual Resource Impacts Associated with the Aboveground Facilities.....	8-17

## APPENDICES

Appendix 8A	Additional Temporary Workspaces
Appendix 8B	Access Roads
Appendix 8C	Agency Correspondence
Appendix 8D	Road and Railroad Crossings

## ACRONYMS AND ABBREVIATIONS

ACEP	Agricultural Conservation Easement Program
ATWS	additional temporary workspace
CFR	Code of Federal Regulations
CRP	Conservation Reserve Program
FERC	Federal Energy Regulatory Commission
FERC Plan	FERC's <i>Upland Erosion Control, Revegetation, and Maintenance Plan</i>
FERC Procedures	FERC's <i>Wetland and Waterbody Construction and Mitigation Procedures</i>
FSA	Farm Service Agency
MDU	Montana-Dakota Utilities Company
MP	milepost
MRLC	Multi-Resolution Land Characteristics
NDDOT	North Dakota Department of Transportation
NDPRD	North Dakota Parks and Recreation District
NPS	National Park Service
NRCS	Natural Resources Conservation Service
PLOTS	Private Land Open to Sportsmen
Project	Wahpeton Expansion Project
RFFA	reasonable or foreseeable future actions
USFWS	United States Fish and Wildlife Service
WBI Energy	WBI Energy Transmission, Inc.

**WBI ENERGY TRANSMISSION, INC.  
WAHPETON EXPANSION PROJECT**

**8.0 RESOURCE REPORT 8—LAND USE, RECREATION, AND AESTHETICS**

WBI Energy Transmission, Inc. (WBI Energy) proposes to construct, modify, operate, and maintain the Wahpeton Expansion Project (Project). The Project will involve the construction of approximately 60.5 miles of 12-inch-diameter natural gas transmission pipeline from WBI Energy's existing Mapleton Compressor Station near Mapleton, North Dakota to a new Montana-Dakota Utilities Company (MDU)—Wahpeton Border Station near Wahpeton, North Dakota. The Project will also include minor modifications at the Mapleton Compressor Station; a new MDU—Kindred Border Station near Kindred, North Dakota; new block valve settings; and new pig launcher/receiver settings. The Project may also include newly constructed farm taps along the pipeline route. The proposed Project facilities will be located in Cass and Richland Counties, North Dakota. Figure 1.1-1 of Resource Report 1 provides an overview of the proposed pipeline and associated facilities.

In accordance with Title 18 of the Code of Federal Regulations Part 380.12(j), Resource Report 8 addresses land use affected by construction and operation of the proposed Project through characterization and quantifying land use types and identifying recreational and visual resources. Impacts on these resources are analyzed and mitigation measures are proposed to minimize these impacts. Land use data in this resource report was compiled using a variety of sources—including environmental field surveys, aerial imagery, and Multi-Resolution Land Characteristics (MRLC) Consortium national land cover data and quadrangle maps. Refer to Resource Report 1 for a detailed Project description.

**8.1 LAND USE CLASSIFICATIONS**

Land uses crossed by the proposed Project will be classified based on information obtained from the 2019 MRLC Consortium national land cover database and review of current digital aerial photography and ground surveys. Land use types within the Project area were divided into the following categories:

- agricultural land—actively cultivated cropland and working areas within farms;
- open land—non-forested areas such as grassland and shrubland and pastures used for grazing and hayfields;
- forest land—hedgerows, wooded upland, and tree stands adjacent to wetlands;
- developed land—industrial, commercial, and residential land and existing roads, railroads, and utility lines; and
- open water—standing surface waters and emergent wetlands.

**8.2 LAND USE REQUIREMENTS**

Existing land uses within the construction and operational footprints of the Project—including the permanent and temporary pipeline right-of-way, additional temporary workspace

(ATWS), contractor yards, permanent and temporary access roads, and aboveground facilities—are summarized in table 8.2-1. A more detailed description of land uses within the Project area is provided in sections 8.2.1 through 8.2.5. The Project will impact approximately 791.5 acres of land in total. Approximately 372.5 acres of this land will be located within the permanent right-of-way of the pipeline or operational footprints of aboveground facilities. The majority of this land (over 90 percent) is agricultural land.

### **8.2.1 Pipeline Right-of-Way**

WBI Energy is proposing to use a standard 75-foot-wide construction right-of-way in both uplands and wetlands for the proposed 12-inch-diameter pipeline. However, in limited, non-wetland areas, this construction right-of-way width may be expanded by up to 25 feet to provide sufficient workspace to accommodate topsoil storage while allowing safe passage of construction equipment and material along the working side of the right-of-way during construction.

As shown in the drawings provided in appendix 1C of Resource Report 1, the construction right-of-way typically will consist of a 50-foot-wide working side and a 25-foot-wide spoil side for the standard 75-foot-wide construction right-of-way. Following construction, a 50-foot-wide permanent easement (25 feet on either side of the pipeline centerline) will be retained for pipeline operations. The construction right-of-way will be restored to pre-disturbance conditions following construction.



TABLE 8.2-1

**Wahpeton Expansion Project**  
**Land Uses Affected by Construction and Operation of the Project (in acres) <sup>a, b, c</sup>**

Facility/County/Workspace	Agricultural		Open Land		Forest		Developed		Open Water		Total	
	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.
<b>Cass County</b>												
<b>Pipeline Facility</b>												
Wahpeton Expansion Pipeline	217.6	145.5	0.0	0.0	0.3	0.3	3.5	2.5	0.8	0.6	222.2	149.0
ATWS	49.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	50.2	0.0
<b>Aboveground Facilities</b>												
Mapleton Compressor Station	2.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.9	0.0
MDU—Kindred Border Station	4.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	1.7
Valve Site #2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1
<b>Access Roads</b>	11.1	0.2	0.0	0.0	0.1	0.0	2.4	<0.1	0.2	0.0	13.7	0.2
<b>Contractor Yards</b>												
Kindred Yard	3.5	0.0	0.3	0.0	0.2	0.0	<0.1	0.0	0.0	0.0	4.3	0.0
Kost Yard	19.1	0.0	1.6	0.0	0.0	0.0	11.8	0.0	1.6	0.0	35.1	0.0
<b>Subtotal</b>	<b>308.4</b>	<b>147.5</b>	<b>1.9</b>	<b>0.0</b>	<b>0.6</b>	<b>0.3</b>	<b>18.6</b>	<b>2.5</b>	<b>2.6</b>	<b>0.6</b>	<b>332.1</b>	<b>151.9</b>
<b>Richland County</b>												
<b>Pipeline Facility</b>												
Wahpeton Expansion Pipeline	299.5	200.4	8.4	5.7	0.8	0.8	3.9	2.5	10.0	7.3	322.5	216.7
ATWS	59.3	0.0	1.4	0.0	0.1	0.0	1.3	0.0	0.5	0.0	62.8	0.0
<b>Aboveground Facilities</b>												
MDU—Wahpeton Border Station	3.5	1.7	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0	4.0	1.7
Valve Site #4	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.0	<0.1	0.0	0.7	0.2
Valve Site #5	0.9	0.3	0.0	0.0	0.0	0.0	0.3	<0.1	0.0	0.0	1.2	0.3
Valve Site #6	0.4	0.1	0.0	0.0	0.0	0.0	<0.1	<0.1	0.0	0.0	0.5	0.2
<b>Access Roads</b>	7.2	1.1	0.3	0.0	0.3	0.0	5.7	1.8	0.4	<0.1	13.9	2.9
<b>Contractor Yards</b>												
Comstock North Yard	20.7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	<0.1	0.0	21.0	0.0

TABLE 8.2-1

**Wahpeton Expansion Project  
Land Uses Affected by Construction and Operation of the Project (in acres) <sup>a, b, c</sup>**

Facility/County/Workspace	Agricultural		Open Land		Forest		Developed		Open Water		Total	
	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.	Const.	Oper.
Wahpeton City Yard	28.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	28.5	0.0
Comstock South Yard	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	4.7	0.0
<b>Subtotal</b>	<b>419.7</b>	<b>203.4</b>	<b>10.1</b>	<b>5.7</b>	<b>1.2</b>	<b>0.8</b>	<b>17.1</b>	<b>4.4</b>	<b>11.2</b>	<b>7.3</b>	<b>459.4</b>	<b>221.5</b>
<b>SUBTOTALS BY FACILITY TYPE</b>												
<b>Pipeline Facility</b>	<b>625.8</b>	<b>345.9</b>	<b>9.8</b>	<b>5.7</b>	<b>1.2</b>	<b>1.1</b>	<b>9.5</b>	<b>5.1</b>	<b>11.3</b>	<b>7.9</b>	<b>657.8</b>	<b>365.7</b>
<b>Aboveground Facilities</b>	<b>12.7</b>	<b>3.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>13.6</b>	<b>3.6</b>
<b>Access Roads</b>	<b>18.3</b>	<b>1.3</b>	<b>0.3</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>8.1</b>	<b>1.8</b>	<b>0.6</b>	<b>&lt;0.1</b>	<b>27.6</b>	<b>3.2</b>
<b>Contractor Yards</b>	<b>71.4</b>	<b>0.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>17.3</b>	<b>0.0</b>	<b>1.7</b>	<b>0.0</b>	<b>92.5</b>	<b>0.0</b>
<b>PROJECT TOTAL</b>	<b>728.1</b>	<b>350.9</b>	<b>12.0</b>	<b>5.7</b>	<b>1.8</b>	<b>1.1</b>	<b>35.7</b>	<b>6.9</b>	<b>13.8</b>	<b>7.9</b>	<b>791.5</b>	<b>372.5</b>

<sup>a</sup> The numbers in this table will be rounded for presentation purposes. As a result, the totals may not reflect the sum of the addends.

<sup>b</sup> Valve #1 will be constructed and operated within the Mapleton Compressor Station site. Valve settings #3 and #7 will be constructed and operated within the construction and operational footprints of the MDU—Kindred Border Station and the MDU—Wahpeton Border Station, respectively. The construction and operational acreages for these valve settings are included within the acreages for the Mapleton Compressor Station, MDU—Kindred Border Station, and the MDU—Wahpeton Border Station. Four pig launcher/receiver settings will be collocated at Valve Sites #1, #2, #5, and #7. Land requirements for the pig launchers/receivers is accounted for in the land requirements for the four valves or other aboveground facilities.

<sup>c</sup> Const. = construction; Oper. = operational

As shown in table 8.2-1, the construction right-of-way for the proposed pipeline will require approximately 544.8 acres of land—including approximately 517.0 acres of agricultural land (95 percent), 10.8 acres of open water (2 percent), 8.4 acres of open land (2 percent), 7.5 acres of developed land (1 percent), and 1.1 acres of forested land (less than 1 percent). Following construction, WBI Energy will retain a 50-foot-wide permanent easement for operation of the pipeline. All areas will revert to preconstruction condition and use; however, 365.7 acres will be encumbered by a permanent easement including approximately 346.0 acres of agricultural land (95 percent), 7.9 acres of open water (2 percent), 5.7 acres of open land (2 percent), 5.1 acres of developed land (1 percent), and 1.1 acres of forested land (less than 1 percent). The majority of the open water acres are associated with proposed guided bore crossings and a permanent right-of-way will not be maintained at these crossings. Approximately 179.1 acres of temporary construction right-of-way will revert to preconstruction condition and use. Only 0.3 acre of forested land will be permanently affected by operation of the pipeline.

While routing the proposed pipeline, WBI Energy sought opportunities to collocate the pipeline with existing linear corridors (i.e., roads, utilities, and property lines) to minimize impacts on the environment. The proposed pipeline will be collocated (within 150 feet of) along 31.0 miles of the route or 51 percent of its length. More information, including a summary table of collocated facilities, can be found in appendix 1D of Resource Report 1.

## **8.2.2 Additional Temporary Workspace**

ATWS outside of the 75-foot construction right-of-way will be required for certain road crossings, workspace accessibility, points of intersection along the route, areas where special construction methods will be implemented (e.g., the guided bore method), and areas where additional space is needed for storage of stripped topsoil. Unless topographic or other factors impose constraints, ATWS will be set back at least 50 feet from the edges of waterbodies and wetlands except where the adjacent upland consists of actively cultivated or rotated cropland or other disturbed land. The ATWS locations are provided in appendix 8A and depicted on the route maps provided in appendices 1A and 1B of Resource Report 1.

Approximately 113.0 acres of land will be required for ATWS during Project construction in total—including 108.7 acres of agricultural land (96 percent), 2.1 acres of developed land (2 percent), 1.4 acres of open land (1 percent), 0.6 acre of open water (1 percent), and 0.1 acre of forested land (less than 1 percent). Impacts on ATWS will be temporary. Following construction, all ATWS areas will be restored to their preconstruction conditions and uses; therefore, no permanent impacts on land use will result from the use of ATWS areas.

### **8.2.1 Contractor Yards**

WBI Energy has proposed five contractor yards for office trailers, parking, vehicle maintenance, and storage of pipe and equipment before and during construction of the Project. Locations of the contractor yards are depicted on the Project route maps provided as appendices 1A and 1B of Resource Report 1. As shown in table 8.2-1, the contractor yards collectively encompass about 92.5 acres of land—consisting of 71.4 acres of agricultural lands (77 percent), 17.3 acres of developed land (19 percent), 1.9 acres of open land (2 percent), 1.7 acres of open water (2 percent), and 0.2 acre of forest land (less than 1 percent). WBI Energy has adjusted and minimized the workspace for its contractor yards since filing the draft resource reports to avoid wetlands and forested areas to the extent possible.

Preparation of the contractor yards will consist of topsoil segregation and minor grading and leveling; however, these impacts will be temporary. Once construction is completed, the land within the contractor yards will be restored to preconstruction conditions and returned to preconstruction land uses in accordance with landowner agreements. There will be no permanent impacts on these sites.

### **8.2.2 Access Roads**

WBI Energy will use existing public and private access roads on a temporary basis to transport personnel, equipment vehicles, and materials to the proposed Project work areas during construction. Standard-maintenance public roads will be used for access without modification or improvement. Some minimum maintenance public roads and private roads will require improvements (such as grading, blading, widening, and placement of gravel or crushed rock for stability and surface improvements) to safely accommodate Project equipment and vehicles. New permanent access roads will be built to the new MDU—Kindred Border Station, to the new MDU—Wahpeton Border Station, and to four block valve setting and pig launcher/receiver sites not collocated with a compressor or MDU Border Station. New roads to the MDU—Kindred Border Station and the MDU—Wahpeton Border Station will be gravel. The new roads to the block valve setting and pig launcher/receiver sites will be gravel and/or dirt. Temporary culverts may be needed to maintain and/or allow water flow at any of the access roads that will be used during construction. Whether or not these culverts are needed will be dependent on the timing of construction and weather conditions. Locations of access roads are depicted on the Project route maps provided in appendices 1A and 1B of Resource Report 1 and a list of access roads is provided in appendix 8B. If additional access roads are required for construction or operation of the Project at a later date, WBI Energy will submit a variance request to FERC for approval to use the road and complete all appropriate federal, state, and local permitting associated with the Project change.

Temporary access road land uses based on the MRLC Consortium national land cover data comprise a mixture of agricultural lands, open lands, developed land, forested land, and open water. Aside from the 3.7 acres required for the seven proposed permanent access roads, all access roads will be restored to preconstruction conditions or better. As a result, the Project will have minor impacts on these areas.

### **8.2.3 Aboveground Facilities**

WBI Energy proposes to make modifications at its existing Mapleton Compressor Station at milepost (MP) 0.0. Modifications are within WBI Energy's Mapleton Compressor Station owned property boundaries and will take place within an existing fence line. This construction will require approximately 2.9 acres of land consisting of agricultural and developed land.

The Project will also require construction of two new MDU Border Stations—one near Kindred, North Dakota and the other near Wahpeton, North Dakota. Construction of these MDU Border Stations will require approximately 8.1 acres of land, 4.1 acres for the MDU—Kindred Border Station and 4.0 acres for the MDU—Wahpeton Border Station, consisting primarily of agricultural and developed land<sup>1</sup>. Operations of these MDU Border Stations will require 1.7 acres

---

<sup>1</sup> Acreage includes only the lands beyond the construction and permanent right-of-way for the pipeline.

each, or 3.4 acres in total. All 3.4 acres are agricultural land that will be retained for use during Project operation resulting in the conversion of agricultural land to developed land.

Additionally, seven block valves and four pig launcher/receiver settings will be located within the permanent right-of-way. Valve Site #1 will be constructed and operated within the Mapleton Compressor Station fence line. Valve Sites #3 and #7 will be constructed and operated within the construction and operational footprints of the MDU—Kindred Border Station and the MDU—Wahpeton Border Station, respectively. The construction and operational acreages for these block valve settings are included within the acreages for the Mapleton Compressor Station, the MDU—Kindred Border Station, and the MDU—Wahpeton Border Station. Construction of Valve Sites #2, #4, #5, and #6 will each require between 0.4 and 1.0 acre of land and between 0.2 and 0.3 acre of land to operate each valve setting beyond the permanent pipeline right-of-way. These facilities together will affect 2.6 acres<sup>2</sup> of agricultural land during construction, 0.3 acre of which will be affected during operation.

The first pig launcher/receiver setting will be constructed and operated within the Mapleton Compressor Station site. The remaining three pig launcher/receiver settings will be collocated with Valves #2, #5, and #7. The land required for these facilities is included in the compressor station and block valve land requirements described above.

### **8.3 LAND USE IMPACTS AND MITIGATION**

Project construction is expected to result in the disturbance of approximately 791.5 acres of land—including approximately 544.8 acres for pipeline construction right-of-way, 92.5 acres for contractor yards, 113.0 acres for ATWS, 27.6 acres for temporary and permanent access roads, and 13.6 acres for aboveground facility sites. Following construction, approximately 419.0 acres—including the temporary portion of the construction right-of-way, the ATWS, the contractor yards, and temporary access roads—will revert to preconstruction land uses. Operation of the Project is anticipated to result in the permanent encumbrance of approximately 372.5 acres of land—including 365.7 acres of permanent pipeline easements, 3.6 acres for aboveground facility sites, and 3.2 acres for permanent access roads. The land encompassed within the permanent pipeline easements will be restored to preconstruction conditions.

Operation of the proposed aboveground facilities will permanently convert the land use at these sites to developed (i.e., commercial/industrial) land. Impacts on most of the land uses crossed by the pipeline, however, will be temporary and short term because land uses such as agricultural land and open land will be restored to preconstruction conditions after construction is complete (with certain restrictions, such as no building of structures within the permanent easement).

After construction or before leaving a work area, construction personnel will be required to clean up surplus materials and debris that remain on the site. Areas affected by construction will be restored, revegetated, and monitored in accordance with the Federal Energy Regulatory Commission's (FERC) *Upland Erosion Control, Revegetation, and Maintenance Plan* (FERC

---

<sup>2</sup> Acreage includes only the lands beyond the construction and permanent right-of-way for the pipeline.

Plan) and *Wetland and Waterbody Construction and Mitigation Procedures* (FERC Procedures). The following sections discuss potential impacts by land use category.

### 8.3.1.1 Agricultural Lands

Agricultural lands in the Project area consist of cultivated fields and working areas within farms and are the major land use type affected by the proposed Project. Construction of the proposed Project will affect approximately 728.1 acres of agricultural land—including lands within the temporary and permanent right-of-way (517.0 acres), ATWS (108.7 acres), contractor yards (71.4 acres), access roads (18.3 acres), and aboveground facilities (12.7 acres). Table 8.3-1 identifies the temporary and permanent impacts on cultivated cropland and hay/pasture land for each Project component. Based on discussions with landowners, WBI Energy has determined that drain tiles are present in agricultural fields that are crossed by the Project. Section 7.3.1.1 of Resource Report 7 and section 1.3.2.5 of Resource Report 1 describe WBI Energy’s plans for crossing drain tiles.

Facility/County/Workspace	Cultivated Crops		Hay/Pasture		Total	
	Const.	Oper.	Const.	Oper.	Const.	Oper.
<b>Cass</b>						
<b>Aboveground Facility</b>	4.5	1.7	0.0	0.0	4.5	1.7
<u>Valve Site</u>	<u>0.7</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.7</u>	<u>0.1</u>
<u>Access Road</u>	<u>11.1</u>	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>11.1</u>	<u>0.2</u>
<u>Pipe Yard</u>	<u>22.6</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>22.6</u>	<u>0.0</u>
<u>Pipeline Facility</u>	<u>217.6</u>	<u>145.5</u>	<u>0.0</u>	<u>0.0</u>	<u>217.6</u>	<u>145.5</u>
<u>ATWS</u>	<u>51.9</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>51.9</u>	<u>0.0</u>
<b>Richland</b>						
<b>Aboveground Facility</b>	3.5	1.7	0.0	0.0	3.5	1.7
Valve Site	1.5	0.2	0.0	0.0	1.5	0.2
<b>Access Road</b>	7.2	1.1	0.2	0.0	7.4	1.1
<b>Pipe Yard</b>	48.7	0.0	0.0	0.0	48.7	0.0
<b>Pipeline Facility</b>	299.5	200.4	1.8	1.1	301.3	201.5
ATWS	59.3	0.0	0.0	0.3	59.6	0.0

Following construction, agricultural land along the proposed pipeline corridor and outside permanent aboveground facility and permanent access road boundaries will be restored to preconstruction conditions and allowed to revert to preconstruction use. While about 350.9 acres of agricultural land will be within the permanent pipeline right-of-way, continued use of the land for agriculture will be allowed. The proposed pipeline will be installed with a minimum depth of cover of 48 inches to allow for continued agricultural use. WBI Energy will remove up to 12 inches of the topsoil layer from the pipeline corridor and maintain proper topsoil and subsoil segregation in accordance with the FERC Plan. Agreements will be made with individual landowners to provide compensation for crop damages or losses caused by Project construction.

Construction and operation of the proposed aboveground facilities will permanently convert a combined 3.6 acres of agricultural land to developed land. Approximately 18.3 acres of agricultural land will be affected by construction of temporary and permanent access roads. Of these, 1.3 acres will be permanently converted to developed land. WBI Energy will restore the temporary access roads to preconstruction conditions or better and in accordance with landowner agreements. Use of temporary access roads is not anticipated to result in permanent impacts on agricultural lands.

### **8.3.1.2 Prime Farmland and Specialty Crops**

The United States Department of Agriculture defines prime farmland as “land that is best suited to food, feed, fiber, and oilseed crops” (NRCS, 2021b). This designation includes cultivated land, pasture, woodland, or other lands that are either used for food or fiber crops or are available for these uses. Prime farmland is optimal for crop production. See section 7.3.1 in Resource Report 7 for a discussion of impacts on prime farmland.

Through May 15, 2022, no specialty or organic crops have been identified during discussions with landowners.

### **8.3.1.3 Agricultural Drain Tiles**

Based on conversations with landowners, the pipeline route crosses approximately 5.55 miles of drain tiled fields, most of which are in Richland County. WBI Energy will continue working with landowners to identify the locations of drain tiles. See section 7.3.1.1 of Resource Report 7 and 1.3.2.5 of Resource Report 1 for detail on WBI Energy’s methods for crossing and repairing drain tiles and table 7.3-2 of Resource Report 7 for the locations of these drain tiles identified to date.

To date, no irrigation systems have been identified within the Project area. If irrigation systems are identified and damaged by construction, WBI Energy will restore these structures and facilities to preconstruction condition as stipulated in the FERC Plan or in accordance with landowner agreements.

## **8.3.2 Open Land**

Open land in the Project area consists of non-forested areas such as grassland and shrubland, isolated stands of trees, pastures used for grazing, and hayfields. Project construction will affect approximately 12.0 acres of open land—including lands within the temporary and permanent rights-of-way (8.4 acres), contractor yards (1.9 acres), ATWS (1.4 acres), and access roads (0.3 acre). Following construction, the temporary pipeline right-of-way, ATWS, contractor yards, and temporary access roads will be restored to preconstruction condition and allowed to revert to preconstruction use. No open lands are located within the aboveground facilities.

Approximately 5.7 acres of open land will be within the permanent pipeline easement; however, it will be restored to preconstruction condition and allowed to revert to preconstruction use. Impacts on open land will be minimized through the implementation of construction and restoration methods identified in the FERC Plan and FERC Procedures. No long-term impacts are expected on open land, though pipeline maintenance practices will periodically remove woody shrubs from within the permanent right-of-way. Additionally, WBI Energy will segregate topsoil and subsoil throughout the construction process. Any vegetated areas that are disrupted will be

reseeded and restored in accordance with the FERC Plan and FERC Procedures using seed mixes recommended by the NRCS or landowners. WBI Energy will consult with landowners and local soil conservation specialists regarding recommended seeding methods, rates, and timing. Per the FERC Plan, restoration success will be monitored until final stabilization and revegetation is reached.

Approximately 0.3 acre of open land will be affected by construction of temporary access roads, none of which will be permanently converted to developed land for operation of permanent access roads. WBI Energy will restore the temporary access roads to preconstruction conditions or better and in accordance with landowner agreements. Use of temporary access roads is not anticipated to result in permanent impacts on open lands.

### **8.3.3 Forested Land**

The forested land use category includes wooded upland, hedgerows, and tree stands near wetlands. Construction of the Project will affect approximately 1.8 acres of forested land—including lands within the temporary and permanent rights-of-way (1.1 acres), access roads (0.3 acre), contractor yards (0.2 acre), and ATWS (0.1 acre). Once construction is complete, approximately 1.1 acres of the forested land will be retained as open land within the new permanent right-of-way. No forested lands are located within the aboveground facilities.

Construction in forested areas along the pipeline right-of-way will require the removal of trees to prepare the construction workspace. Following construction, trees and shrubs in the temporary construction right-of-way will be allowed to revegetate. Forested land within the 50-foot-wide permanent right-of-way will be permanently affected as a result of the maintenance activities described in the FERC Plan and FERC Procedures.

### **8.3.4 Developed Land**

Developed land affected by the Project primarily consists of industrial, commercial, and residential land and existing roads and utility lines crossed by the pipeline right-of-way. Construction of the proposed Project will affect approximately 35.7 acres of developed land—including lands within the temporary and permanent right-of-way (7.5 acres), ATWS (2.1 acres), contractor yards (17.3 acres), access roads (8.1 acres), and aboveground facilities (0.8 acre). Operational impacts will include 6.9 acres required for the permanent pipeline right-of-way (5.1 acres) and permanent access roads (1.8 acres).

Construction across roads and utility corridors will be conducted in accordance with the FERC Plan and applicable crossing permits and approvals. Existing transmission line corridors will be crossed by methods agreed upon with the facility operators. As described in Resource Report 1, most paved roads and highways will be crossed by the guided bore method, which will minimize direct impacts on these features and minimize impacts on traffic. Unpaved roads, two-tracks, and driveways and roads in areas with a high-water table will be crossed using the open-cut method and then restored to preconstruction condition. WBI Energy will implement traffic control measures to minimize impacts on traffic within major roadways and assist with transportation of construction equipment and materials. Impacts resulting from slow-moving construction vehicles will be short term and will occur mostly during daylight hours. At this time, no roads have been identified as needing to be closed at night during construction of the Project. WBI will maintain access along existing roads throughout construction (this continued access will especially be needed in the event that emergency vehicles need to pass). If any closures arise,



an alternative route will be provided to allow continued access and traffic flow during construction. Where required by the landowner, a temporary bridge or bypass may be established on small roads or driveways. Impacts on the existing transportation system are anticipated to be temporary and minimal. The pipeline route is located in areas that are primarily rural and do not experience heavy traffic volumes.

Operation and maintenance of the proposed Project facilities will not affect traffic flow on any of the roads or highways in the Project area. Required periodic maintenance and inspection procedures along the pipeline route will involve a low frequency of light vehicle movement on and off roadways; therefore, no impacts are expected.

### **8.3.5 Open Water**

Open water in the Project area consists of rivers, ponds, smaller creeks, emergent wetlands, and shrub/scrub wetlands. Construction of the proposed Project will affect approximately 13.8 acres of open water. Methods for waterbody crossings include open cut and guided bore. WBI Energy will adhere to measures specified in the FERC Procedures for these crossings. Because WBI Energy proposes to cross most large waterbodies via the guided bore method and smaller waterbodies via the open-cut method, minimal impacts on the open water land use classification are expected to occur from construction or operation of the Project. See Resource Report 2 for additional information on waterbody crossings.

## **8.4 LAND OWNERSHIP**

The majority of the Project is located on private lands, which comprise 756.4 acres (95.9 percent) of the land that will be affected by the Project. The remaining 32.3 acres (4.1 percent) are federal, state, and city of Wahpeton lands associated with highway crossings—including Interstate 94 and 29 and North Dakota State Highway 46. No tribal lands are crossed by the Project. WBI Energy has begun discussions with landowners and has not faced objection to the location or use of the proposed aboveground facilities sites.

## **8.5 EXISTING RESIDENCES AND PLANNED DEVELOPMENTS**

The Project does not cross any residential areas or pass within 50 feet of any residences or other existing structures. WBI Energy preferentially routed the pipeline facilities to avoid residences. Approximately 27 residences are within 500 feet of any Project workspace, of which 13 are within 500 feet of the Comstock South Contractor Yard. The remaining 14 residences are located within 500 feet of MPs 1.6, 8.4, 16.2, 17.7, 19.8, 20.2, 22.3, 37.0, and 48.0 and near Access Roads 006, 013 (three residences are within 500 feet of Access Road 013), and Access Road 027. The closest location is a residence east of MP 24.1, which is approximately 75 feet east of Access Road 027. All other residences are greater than 200 feet from the Project workspace.

In all instances, the pipeline will be greater than 300 feet from the nearest farmstead or residence. Should changes in the Project design require construction in residential areas or within 50 feet of a residence or existing structure, WBI Energy will comply with FERC's regulations and file the necessary information for these areas.

WBI Energy will work with individual landowners on an as-needed basis to resolve any potential issues with property access and potential damage to gates and fences.

WBI Energy has worked closely with landowners since the start of the Project to determine the pipeline route and is working with landowners to obtain easements. WBI Energy does not currently have eminent domain rights to obtain easements for the Project. However, under section 7(h) of the Natural Gas Act, WBI Energy would obtain the right to eminent domain if FERC issues a Certificate of Public Convenience and Necessity for the Project. Regardless, WBI Energy will attempt to negotiate an easement agreement with each landowner along the proposed pipeline route.

With regard to compensation, WBI Energy will negotiate with affected landowners in good faith and in a fair and honest manner to obtain an easement to construct, operate, and maintain the proposed pipeline in return for monetary compensation. Compensation for easements will be based on fair market value and will be paid on a one-time, lump-sum basis. With regards to easement terms, WBI Energy will follow the requirements in the North Dakota Century Code T47C05.

Planned developments are those that are permitted and not yet constructed or developments for which permit applications have been filed but not yet approved by a zoning or permitting authority. WBI Energy reached out to the Cass and Richland County Planning and Zoning Offices and the planning and zoning offices for Mapleton, West Fargo, Horace, Kindred, Colfax, and Wahpeton and identified two residential developments in Cass County. Both of these developments are under construction and are at least 1 mile from the Project. More information on these developments can be found in appendix 11.

There are two planned industrial/energy projects within 1 mile of the proposed Project. The Fargo Moorhead Area Diversion Project includes the construction of river control structures, in-town flood protection such as floodwalls and levees, a diversion channel, and an upstream mitigation area for the Red River and its tributaries. Construction began in 2019 and is anticipated to be completed by 2027 (FM Area Diversion, 2021). The Fargo Moorhead Area Diversion project is included in the cumulative impact analysis for each resource. The Flickertail Solar project includes a 350-megawatt solar facility near Colfax, North Dakota. Construction is anticipated to begin in 2022 and will last approximately nine months (Wahpeton Daily News, 2020). The Flickertail Solar project is included in the cumulative impact analysis for each resource.

## **8.6 LANDFILLS AND HAZARDOUS WASTE SITES**

WBI Energy reviewed the United States Environmental Protection Agency's EnviroFacts Website and a United States Environmental Protection Agency dataset for landfill sites to identify hazardous waste sites, landfills, or other sites with potential for soil or groundwater contamination within 0.25 mile of the pipeline route (USEPA, 2021a; 2021b). Table 8.6-1 lists the hazardous waste sites identified during this search. No landfills were identified within 0.25 mile of the pipeline route.

WBI Energy will minimize the potential impact of spills of hazardous materials during construction by adhering to its *Spill Prevention, Control, and Countermeasure Plan* (see appendix 1F-1 of Resource Report 1) and its *Plan for Unanticipated Discovery of Contaminated Environmental Media* (see appendix 2A of Resource Report 2). The *Spill Prevention, Control, and Countermeasure Plan* describes preventative measures such as personnel training, equipment inspection, and refueling procedures to reduce the likelihood of spills and includes mitigation measures such as containment and cleanup to minimize potential impacts should a spill occur. The *Plan for Unanticipated Discovery of Contaminated Environmental Media*

describes the steps that WBI Energy and its contractors will implement in the unanticipated event that contaminated environmental media is encountered during construction. If WBI Energy encounters a previously unidentified contaminated site during construction, construction will be paused and the site will be further evaluated.

TABLE 8.6-1			
<b>Wahpeton Expansion Project Hazardous Waste Sites Within 0.25 Mile of the Project</b>			
Facility Site	Location	Distance to Pipeline (miles)	Direction from Pipeline to Site
Nustar Energy—Mapleton Terminal	3639 165 Avenue Southeast Mapleton, North Dakota 58059	0.2	West
American Crystal Sugar-Kindred Piling Site	North Dakota Highway 46 East Kindred, North Dakota	0.1	West

Source: USEPA, 2021a.

## 8.7 CONSERVATION RESERVE PROGRAM

The Conservation Reserve Program (CRP) is a voluntary program administered in North Dakota by the United States Department of Agriculture’s Farm Service Agency (FSA), which allows owners of agricultural lands to conserve environmentally sensitive lands with financial assistance from the federal government. On December 16, 2021, WBI Energy reached out to the FSA requesting a review of the Project route to determine if any CRP lands are crossed by the Project. On March 2, 2022, the FSA responded and stated that no CRP lands will be intersected by the Project. See appendix 8C for copies of this correspondence.

## 8.8 AGRICULTURAL CONSERVATION EASEMENT PROGRAM

The Agricultural Conservation Easement Program (ACEP) is a program administered in North Dakota by the Natural Resources Conservation Service (NRCS) that combines the purposes of the former Farmland and Ranch Lands Protection Program, Grassland Reserve Program, and Wetland Reserve Program. The ACEP is a voluntary program that provides financial and technical assistance to help conserve agricultural lands and wetlands and their related benefits. For the agricultural lands, the NRCS provides assistance to tribal, state, and local governments and non-governmental organizations to protect these lands and reduce non-agricultural uses. For the Wetlands Reserve Easements, the NRCS assists in the restoration, protection, and enhancement of enrolled wetlands (NRCS, 2021a).

On December 16, 2021, WBI Energy reached out to the NRCS requesting review of the proposed pipeline route and confirmed that the Project does not intersect any ACEP lands and the closest ACEP land is located approximately 1,600 feet from the pipeline. See appendix 7C for copies of this correspondence.

## 8.9 RECREATION AND SPECIAL INTEREST AREAS

WBI Energy reviewed a variety of digital datasets and maps to identify recreation and special interest areas within or in the immediate vicinity (i.e., within 0.25 mile) of the Project area

(America's Scenic Byways, 2021; NPS, 2021; National Wild and Scenic Rivers System, 2021; NDGFD, 2021b; NDPRD, 2021; North Dakota Tourism, 2021). Based on this review, the proposed pipeline will not cross or pass within 0.25 mile of any wild and scenic rivers, national or state scenic byways, wildlife management areas, old growth forests, designated scenic areas, nature/forest preserves, state, county, or local parks, campgrounds, or natural landmarks. Therefore, the Project will have no impact on these types of recreation or special interest areas. Recreational opportunities present in the Project area and the potential impacts on those recreational opportunities are discussed below.

On September 13, 2021, WBI Energy sent a Project introduction letter to North Dakota Parks and Recreation District (NDPRD) to notify them of the Project. On October 6, 2021 and January 21, 2022, NDPRD responded and submitted a list of 6(f) Land and Water Conservation Fund recreational areas in Cass and Richland Counties. Based on this consultation, on the response and submittal letters from NDPRD, and on a review of the recreational areas proximity to the Project, the Project will not affect any 6(f) Land and Water Conservation Fund recreational properties that NDPRD owns, leases, or manages. See appendix 8C for copies of this correspondence.

The North Country National Scenic Trail, when completed, will be the longest trail in the National Trails System, spanning 4,800 miles over eight states from North Dakota to Vermont. The trail began as a United States Forest Service proposal in the mid-1960s. In 1975, a study report by the United States Department of Interior recommended that it be included as a component of the National Trails System. In March 1980, Congress passed the necessary legislation and brought national attention to the outstanding scenic and recreational values of the trail and its route. The National Park Service (NPS) administers the trail in cooperation with other federal, state, and local agencies; private organizations; and individuals, including many generous landowners. The NPS's administrative responsibilities include overseeing the planning, development, protection, and maintenance of the trail; coordinating and assisting the activities of the many public and private partners; and providing technical and financial assistance to cooperating interests. Over 1,900 miles of trail have been certified by the NPS as official segments of the North Country National Scenic Trail. Certification indicates that a segment of the trail is developed and managed in accordance with approved plans and trail standards and entitles the segment to be marked with the official trail emblem. Several hundred additional miles of uncertified segments are open to public use (NPS History, 2022). In Southeast North Dakota, the trail runs from Lake Ashtabula to the North Dakota / Minnesota state line and is made of a mix of paved road and off-road sections (North County Trail Association, 2022).

The Project runs parallel to the trail from MP 35 to MP 36.8 and from MP 42.0 to MP 43.4 and crosses the trail at MP 42.4. All sections of the trail within the vicinity of the Project are located either adjacent to Red River Valley and Western Railroad or within existing roadways and are certified segments of the trail. Between MP 35.0 and MP 36.8, the trail runs parallel to the rail line. Between MP 35.0 and MP 35.6, the trail is on the same side of the tracks (east side) as the proposed Project route and crosses a mixture of agricultural and other open lands. The proposed workspace in this area is at least 180 feet east of the trail. Between MP 35.6 (62<sup>nd</sup> Street Southeast) and MP 36.7 the trail is on the opposite side (west side) of the railroad tracks from the pipeline and, thus, is even further away at approximately 200 feet east of the trail. The only exception to this is where the trail crosses to the east side of the tracks just north of 63<sup>rd</sup> Street Southeast. At this location, the trail appears to abut the proposed workspace for approximately 400 feet. From MPs 42 to 43.4, the trail is on County Road 4 and 172<sup>nd</sup> Avenue

Southeast. The proposed route in this area is located in agricultural fields on the north side of County Road 4 and west side of 172<sup>nd</sup> Avenue Southeast and is, at the closest, located approximately 46 feet from the NCSNT—aside from where the trail is crossed by the proposed route near MP 42.4. The proposed pipeline crossing of County Road 4 will be bored and all land will be restored to preconstruction conditions. It is anticipated that the boring process in this area will take approximately two to three days to complete and will be approximately 50 feet from the trail, which is located in the road. As such, there will be no direct or long-term impacts on the trail between MPs 35.0 and 43.5. However, users of the North Country National Scenic Trail near the Project may experience temporary impacts during active construction—including increased traffic, visual impacts, and noise. On January 27, 2022, WBI Energy initiated consultation with the NPS to identify any concerns that the agency may have about the proposed Project. On February 10, 2022, the NPS and North Country Trail Association responded and stated they are reviewing the provided information and will be in contact as questions arise. On March 15, 2022, WBI Energy met with the NPS and North Country Trail Association to discuss the provided information. During this meeting, it was determined that there are no significant concerns about the proposed Project impacting the North Country Scenic National Trail and that WBI Energy will coordinate with the NPS and North Country Trail Association regarding the timing of construction to ensure the trail remains safe for maintenance work and recreational users. The notes from this meeting, along with copies of the current correspondence, can be found in appendix 8C.

The Private Land Open to Sportsmen (PLOTS) program identifies lands open to hunting due to agreements between the North Dakota Game and Fish Department and private landowners. The PLOTS program also identifies public lands, wildlife management areas, and waterfowl production areas open to hunting. These lands provide walk-in public access only, defined as, “an individual traveling by foot with any legal firearm or bow, plus other equipment, accessories and provisions for the purposes of hunting” (NDGFD, 2021a). These lands do not allow activities such as horseback riding, placing bait, driving all-terrain vehicles or snowmobiles, or dog training (among other activities) without written permission from the landowner (NDGFD, 2021a). The proposed Project crosses one section of PLOTS land from MP 46.0 to MP 46.2 of the mainline, all of which is agricultural land. In total, the Project will affect 2.5 acres of PLOTS lands during active pipeline construction. No impacts are anticipated during operation because the pipeline will be buried and the area will be restored to preconstruction conditions. The PLOTS lands change often and WBI Energy will continue to monitor to see if any additional lands are crossed between now and construction. Construction of the proposed pipeline facilities is scheduled to begin in the beginning of 2024 and will overlap with hunting season in the Project area. WBI Energy will post signage in the area notifying users of construction. Potential impacts include wildlife temporarily leaving the area due to traffic and construction noise and temporary restrictions on hunting due to active construction. However, due to the small amount of PLOTS lands crossed compared to the overall amount of PLOTS land in North Dakota, any potential impacts on PLOTS lands will be minor and temporary.

Temporary construction activities may have an impact on recreational activities due to traffic, visual impacts, and noise associated with construction; however, these impacts will be local, short term, and temporary as construction activities proceed through any given area. Therefore, the Project is not expected to have a significant impact on recreation and special interest areas.

## **8.10 GRASSLAND CONSERVATION EASEMENTS**

Grassland conservation easements are held by the United States Fish and Wildlife Service (USFWS) and define permanent agreements between the USFWS and all present and future landowners to keep their land in native or restored grassland. Grassland conservation easements help reduce soil erosion, protect water supplies, provide food for livestock, and provide nesting habitat (USFWS, 2021). Ground-disturbing activities within grassland easements are prohibited without prior approval from the USFWS. Such activities are subject to review by USFWS staff to determine if they are appropriate and compatible with the objectives of the easement program and require a special use permit / right-of-way grant if they are found to be compatible. No grassland conservation easements are crossed by the proposed pipeline facilities.

## **8.11 VISUAL RESOURCES**

The visual character of the existing landscape is defined by historic and current land uses such as agricultural, open land, and development. The visual qualities of the landscape are further influenced by existing linear installations such as highways, railroads, pipelines, and electrical transmission and distribution lines. The proposed Project will affect primarily agricultural lands. There are few residences in the immediate vicinity of the Project and the pipeline route does not cross any designated scenic areas.

Most visual and aesthetic impacts associated with the Project, including the pipeline, will be limited to the period of active construction as a result of construction equipment, personnel, and disturbed soil. After pipeline construction is complete, the landscape will be re-contoured to as near preconstruction conditions as practicable and revegetated in accordance with the FERC Plan and FERC Procedures. The portions of the route crossing agricultural and open lands will return to preconstruction conditions within one to two growing seasons. Any disturbed areas will be restored and requested vegetation species planted; therefore, the Project pipeline will have no long-term visual impacts.

Visual impacts from the construction of aboveground facilities are anticipated to be minimal. Table 8.11-1 outlines the proposed new MDU Border Stations associated with the Project and the potential visual resource impacts associated with each facility. As shown in Resource Report 4, there are currently no historic structures along the Project routes that are recommended as potentially eligible for the National Register of Historic Places.

The Mapleton Compressor Station is an existing aboveground facility that will be modified as part of the Project. Given the existing presence of an industrial facility at this location, no impacts on the current visual character of this location are expected. The aboveground valve settings and pig launcher/receiver facilities are minimal in scope and are anticipated to result in negligible impacts on aesthetics.

TABLE 8.11-1 Wahpeton Expansion Project Potential Visual Resource Impacts Associated with the Aboveground Facilities			
Aboveground Facility	New or Existing Facility	Approximate Distance to Nearest Residence	Description of Existing Conditions and Proposed Mitigation
Mapleton Compressor Station	Existing (Proposed Modification)	1,669 feet south	Additional equipment and facilities will be installed within the fence line of the existing facility; therefore, no impacts on the existing visual character of the location are anticipated.
MDU—Kindred Border Station	New	3,587 feet southwest	While this is a new facility, there is an existing airport located approximately 0.7 mile northwest that has changed the visual appearance of the area. This facility will change the landscape, but no significant changes to the existing visual character of the area are anticipated overall.
MDU—Wahpeton Border Station	New	1,741 feet southwest	While this is a new facility, there is an existing food processing facility and energy facility both located approximately 1.6 miles east that have changed the visual appearance of the area. This facility will change the landscape, but no significant changes to the existing visual character of the area are anticipated overall.
Valve Site #1 and pig launcher/receiver	New	1,669 feet south	This valve site will be constructed and operated within the existing Mapleton Compressor Station site; therefore, no impacts on the existing visual character of the location are anticipated.
Valve Site #2 and pig launcher/receiver	New	5,500 feet northeast	While this is a new facility, it is minimal in scope and is anticipated to result in negligible impacts on aesthetics.
Valve Site #3	New	3,587 feet southwest	This valve site will be constructed and operated within the construction and operational footprint of the MDU—Kindred Border Station. This facility will change the landscape, but no significant changes to the existing visual character of the area are anticipated overall.
Valve Site #4	New	6,200 feet northwest	While this is a new facility, it is minimal in scope and is anticipated to result in negligible impacts on aesthetics.
Valve Site #5 and pig launcher/receiver	New	5,565 feet northeast	While this is a new facility, it is minimal in scope and is anticipated to result in negligible impacts on aesthetics.
Valve Site #6	New	2,290 feet southwest	While this is a new facility, it is minimal in scope and is anticipated to result in negligible impacts on aesthetics.
Valve Site #7 and pig launcher/receiver	New	1,741 feet southwest	This valve site will be constructed and operated within the construction and operational footprint of the MDU—Wahpeton Border Station. This facility will change the landscape, but no significant changes to the existing visual character of the area are anticipated overall.

The two new MDU Border Stations will be constructed primarily on agricultural land. The nearest residence to the MDU—Kindred Border Station is located over 0.7 mile southwest. The nearest residence to the MDU—Wahpeton Border Station is located 0.3 mile southwest. The MDU Border Stations will be fenced to minimize change to the existing visual characteristic of the

area. The MDU Border Stations may be visible from the nearest residence; however, the existing facilities—including rail lines, an airport, and food processing facilities—are also visible from these residences (in the same direction). Therefore, construction of the MDU—Kindred Border Station and the MDU—Wahpeton Border Station is anticipated to have no significant changes to the overall visual character of the area.

The seven new valve sites will be constructed primarily on agricultural land. As discussed in section 8.2.3, Valve Site #1 will be constructed and operated within the Mapleton Compressor Station site and Valve Sites #3 and #7 will be constructed and operated within the construction and operational footprints of the MDU—Kindred Border Station and the MDU—Wahpeton Border Station, respectively. Valve Sites #2, #4, #5, and #6 may be visible from the nearest residence; however, these settings will be minimal in scope and are not anticipated to have significant changes to the overall visual character of the area.

## **8.12 LANDOWNER COMPLAINT RESOLUTION PROCEDURE**

WBI Energy will implement a landowner complaint resolution procedure, which will provide landowners whose property will be affected by the Project with directions for identifying and resolving environmental concerns or issues during the construction and restoration phases of the Project. WBI Energy will mail a letter to landowners describing the complaint resolution procedure and designating a WBI Energy contact for landowner liaison. Additionally, the letter will provide landowners with a copy of FERC’s “An Interstate Natural Gas Facility On My Land? What Do I Need To Know?”, which instructs landowners that they should contact FERC’s Landowner Helpline at 1-877-337-2237 or by email at [landownerhelp@ferc.gov](mailto:landownerhelp@ferc.gov) if they are not satisfied with the response from WBI Energy.

In addition to this procedure, WBI Energy will include a table that contains the following information for each problem/concern in its status reports to FERC:

- date of the call;
- identification number from the construction alignment sheets of the affected property and approximate location by MP or station number;
- description of the problem/concern; and
- an explanation of how and when the problem was resolved or will be resolved or why it has not been resolved.

## **8.13 CUMULATIVE IMPACTS**

Section 1.10 of Resource Report 1 defines a cumulative impact and describes the general scope of the cumulative impact analysis. This section describes the potential cumulative impacts to land use, recreation, and visual resources from the Project combined with the past, present, and reasonable or foreseeable future actions (RFFA) identified in appendix 1I and figure 1.10-1 of Resource Report 1. The location, proposed schedule, and a description of each RFFA are provided in appendix 1I.

This geographic scope of impacts on land use, recreation, and visual resources includes impacts from RFFAs that could reasonably extend within a 1-mile radius of the Project during



construction. Impacts on land use, recreation, and visual resources will be restricted to the construction workspaces and the immediate surrounding vicinity. Where a permanent conversion from one land use type to another will occur, the temporal scope is expanded to include operation.

### 8.13.1 Land Use

Development of the pipeline construction right-of-way, ATWS, contractor yards, and temporary access roads will result in temporary land disturbance. Permanent access roads and aboveground facility sites will result in permanent land disturbance and land within the permanent pipeline easements will be restored to preconstruction conditions. Acreages are provided in section 8.3.

The following RFFAs fall within the Project's geographic and temporal scope for land use impacts.

- NuStar Pipeline Operating Partnership Pipeline Relocation Project: The NuStar Pipeline Operating Partnership, L.P. is proposing to relocate approximately 2 miles of 10-inch-diameter pipeline in Cass County. Because the pipeline will be replaced within the existing permanent right-of-way, the impacts on land use will be limited to the construction phase and there would be no long-term impacts due to the nature of the replacement project.
- MDU Distribution Systems: MDU is proposing a non-jurisdictional distribution system to provide natural gas to commercial, industrial, and residential customers in Kindred and Wahpeton, North Dakota. The distribution projects are anticipated to overlap with the Project footprint at each MDU Border Station and the impacts on land use would be permanent, but not additive to the Project since the aboveground components would also be located at the MDU Border Stations. The distribution systems will consist of underground distribution lines that distribute natural gas from the MDU—Kindred Border Station to new customers in Kindred and from the MDU—Wahpeton Border Station to customers in Wahpeton, distribution facilities to provide natural gas to landowners from farm taps along the mainline, and power lines to serve non-jurisdictional facilities at the proposed MDU Border Stations. These appurtenances will temporarily affect land use during construction and would have a permanent impact in areas where new power poles are placed and where new pipeline rights-of-way are established.
- Kindred Airport Runway Expansion Project: This airport runway expansion lies within the geographic scope for land use impacts and temporarily affects land use during construction and would permanently impact approximately 15 acres of agricultural lands after the second phase of expansion.
- Ongoing agricultural activities: The Project's primary impact on ongoing agricultural activities will be during construction, when agricultural lands within the construction workspaces will be temporarily unavailable. Long-term impacts are not anticipated because the majority of the agricultural lands crossed by the Project will be restored to preconstruction conditions and uses.

- North Dakota Department of Transportation (NDDOT) Projects: The NDDOT is proposing numerous projects to improve existing road surfaces. These projects are located within the existing road right-of-way and no permanent impacts on land use are anticipated as a result.

The potential for impacts on land use as a result of the pipeline replacement project, construction of the MDU distribution system, and the ongoing agricultural activities would be temporary during the construction phase; however, the temporal staggering of the construction phases of these projects reduces the cumulative effect on land use where they overlap. Due to the proposed timing for construction of the Kindred Airport Runway Expansion (beginning in 2027), construction impacts would not occur simultaneously with the Project. Impacts on land use as a result of the NDDOT transportation projects are not anticipated because the work is proposed within the existing road right-of-way. Ongoing maintenance of the permanent right-of-way is not anticipated to significantly affect current land use and permanent impacts from aboveground facilities would be highly localized. WBI Energy would reduce impacts on land use by implementing the mitigation measures described in section 8.3. As a result, significant cumulative impacts on land use are not expected.

### **8.13.2 Recreation and Special Interest Areas**

The Project's temporary construction activities may have an impact on recreational activities and special interest areas due to traffic, visual impacts, and noise associated with construction; however, these impacts will be local, short-term, and temporary as construction activities proceed through any given area. The Project will not contribute to a cumulative impact on the North Country National Scenic Trail because no RFFA projects are located within 1 mile of the trail. NDDOT 23 is located within 1 mile of both the Project and land managed by the PLOTS program and the projects could contribute to a cumulative impact during construction if any wildlife were to temporarily leave the area due to traffic and construction noise. However, the Project is not expected to significantly impact recreation and special interest areas and any impacts that occur are expected to be short term and only during active construction.

### **8.13.3 Visual Resources**

Most visual and aesthetic impacts associated with the Project, including the pipeline, will be limited to the period of active construction as a result of construction equipment, personnel, and disturbed soil. Temporary, minor cumulative impacts on visual resources will occur for those RFFAs within the same geographic and temporal scope for visual resources. The RFFAs listed in section 8.13—including the pipeline replacement project, construction of the MDU distribution system, the NDDOT transportation project, and the ongoing agricultural activities—would temporarily contribute to a cumulative impact on visual resources during the construction phase, but the temporal staggering of the construction phases of these projects would reduce the cumulative effect on land use where they overlap. The airport runway expansion project would not contribute to a temporary impact on visual resources because construction is not anticipated to commence until 2027 and the Project area will have been restored before the runway expansion project begins.

Permanent visual impacts associated with the Project will be limited to the areas of proposed aboveground facilities. The two new MDU Border Stations are not anticipated to have a significant change to the overall visual character of the area. The aboveground valve settings

and pig launcher/receiver facilities are minimal in scope and are also anticipated to result in negligible impacts on aesthetics.

Permanent cumulative, visual impacts will occur only if an RFFA that also includes a permanent aboveground facility were to occur in the same viewshed as a new aboveground facility for the proposed Project. The Kindred Airport Runway Expansion Project lies within the geographic scope for permanent visual impacts (within the viewshed of a new aboveground facility for the proposed Project). The airport expansion project would contribute to a permanent cumulative impact on visual resources since it is located within 1 mile of the MDU—Kindred Border Station and within the same viewshed of an existing residence located over 0.7 mile southwest of the MDU—Kindred Border Station. While these projects will change the visual appearance of the area, no significant changes to the existing visual character of the area are anticipated due to their proximity to the existing airport.

## 8.14 REFERENCES

- America's Scenic Byways. 2021. *North Dakota Scenic Byways*. Available online: <https://scenicbyways.info/state/ND.html>. Accessed: November 2021.
- Fargo Moorhead (FM) Area Diversion. 2021. *FM Area Diversion*. Available online: <https://fmdiversion.gov/>. Accessed: December 2021.
- Multi-Resolution Land Characteristics (MRLC) Consortium. 2019. *National Land Cover Database*. Available online: <https://www.mrlc.gov/data>. Accessed: December 2021.
- National Park Service (NPS). 2021. *National Natural Landmarks Program*. Available online: <https://www.nps.gov/subjects/nnlandmarks/index.htm>. Accessed: November 2021.
- NPS History. 2022. *North County National Scenic Trail*. Available online: <http://npshi.story.com/publications/noco/index.htm>. Accessed: January 2022.
- National Wild and Scenic Rivers System. 2021. *North Dakota Wild and Scenic Rivers*. Available online: <https://www.rivers.gov/north-dakota.php>. Accessed: November 2021.
- Natural Resources Conservation Service (NRCS). 2021a. *Agricultural Conservation Easement Program*. Available online: <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/easements/acep/>. Accessed: November 2021.
- NRCS. 2021b. *Prime Farmland*. Available online: [https://www.nrcs.usda.gov/wps/portal/nrcs/detail/null/?cid=nrcs143\\_014052](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/null/?cid=nrcs143_014052). Accessed: December 2021.
- North County Trail Association. 2022. *North County Trail Association*. Available online: <https://northcountrytrail.org/>. Accessed: January 2022.
- North Dakota Game and Fish Department (NDGFD). 2021a. *Private Land Open to Sportsmen Guide*. Available online: <https://gf.nd.gov/plots/guide>. Accessed: November 2021.
- NDGFD. 2021b. *Wildlife Management Areas – Listing*. Available online: <https://gf.nd.gov/wma-listing>. Accessed: November 2021.
- North Dakota Parks and Recreation (NDPRD). 2021. *North Dakota State Parks – Interactive Mapper*. Available online: <https://www.parkrec.nd.gov/maps-widget/map>. Accessed: November 2021.
- North Dakota Tourism. 2021. *North Dakota Scenic Byways and Backways*. Available online: <https://www.ndtourism.com/bywaysbackways>. Accessed: November 2021.
- United States Environmental Protection Agency (USEPA). 2021a. *Envirofacts Multisystem Search*. Available online: <https://enviro.epa.gov/facts/multisystem.html>. Accessed: November 2021.
- USEPA. 2021b. *Project and Landfill Data by State*. Available online: <https://www.epa.gov/lmop/project-and-landfill-data-state>. Accessed: November 2021.

United States Fish and Wildlife Service (USFWS). 2021. *Grassland Easements*. Available online: [https://web.archive.org/web/20211023190112/https://www.fws.gov/refuge/huron\\_wmd/easements/grassland.html](https://web.archive.org/web/20211023190112/https://www.fws.gov/refuge/huron_wmd/easements/grassland.html). Accessed: November 2021.

Wahpeton Daily News. 2020. *Colfax Solar Farm Project Moving Forward*. Available online: [https://www.wahpetondailynews.com/news\\_monitor/news/colfax-solar-farm-project-moving-forward/article\\_1cac9c08-2391-11eb-8075-bb076764b86a.html](https://www.wahpetondailynews.com/news_monitor/news/colfax-solar-farm-project-moving-forward/article_1cac9c08-2391-11eb-8075-bb076764b86a.html). Accessed November 2021.

## **APPENDIX 8A ADDITIONAL TEMPORARY WORKSPACES**

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_001	0.7	Agriculture, Developed	0.2	25.0	300.5	Cass	Private
Pipeline Facility	ATWS_001_a	0.4	Agriculture, Developed	0.2	140.2	142.6	Cass	Private
Pipeline Facility	ATWS_002	0.8	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_003	0.7	Agriculture, Developed	0.3	50.0	300.0	Cass	Private
Pipeline Facility	ATWS_004	0.8	Agriculture	0.3	50.0	301.4	Cass	Private
Pipeline Facility	ATWS_005	1.1	Agriculture	0.9	50.0	756.8	Cass	Private
Pipeline Facility	ATWS_006	1.1	Agriculture	0.8	153.0	890.9	Cass	Private
Pipeline Facility	ATWS_007	1.3	Agriculture	0.8	153.3	808.0	Cass	Private
Pipeline Facility	ATWS_008	1.4	Agriculture	0.8	50.0	675.7	Cass	Private
Pipeline Facility	ATWS_009	1.5	Agriculture	0.7	216.6	351.9	Cass	Private
Pipeline Facility	ATWS_010	1.5	Agriculture	0.2	58.4	241.6	Cass	Private
Pipeline Facility	ATWS_011	1.6	Agriculture	0.3	77.3	222.8	Cass	Private
Pipeline Facility	ATWS_012	1.6	Agriculture, Developed	0.4	172.7	319.3	Cass	Private
Pipeline Facility	ATWS_012_b	1.7	Agriculture	0.2	142.3	149.6	Cass	Private
Pipeline Facility	ATWS_012_c	1.8	Agriculture	0.2	92.6	184.6	Cass	Private
Pipeline Facility	ATWS_012_d	1.9	Agriculture	0.2	92.4	184.8	Cass	Private
Pipeline Facility	ATWS_013	2.6	Agriculture	0.3	50.0	301.2	Cass	Private
Pipeline Facility	ATWS_014	2.6	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_015	2.7	Agriculture, Developed	0.3	50.0	300.5	Cass	Private
Pipeline Facility	ATWS_016	2.7	Agriculture	0.2	25.0	300.6	Cass	Private
Pipeline Facility	ATWS_017	3.6	Agriculture	0.3	50.2	301.0	Cass	Private
Pipeline Facility	ATWS_018	3.6	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_019_b	3.8	Agriculture	0.3	23.0	629.6	Cass	Private
Pipeline Facility	ATWS_019_c	3.9	Agriculture	0.6	50.0	551.3	Cass	Private
Pipeline Facility	ATWS_019_d	3.9	Agriculture	0.2	23.0	300.0	Cass	Private
Pipeline Facility	ATWS_019_e	4.4	Agriculture	0.2	124.2	140.9	Cass	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_019_f	4.6	Agriculture	0.2	140.5	142.1	Cass	Private
Pipeline Facility	ATWS_020	3.7	Agriculture, Developed	1.2	248.0	709.3	Cass	Private
Pipeline Facility	ATWS_021	6.5	Agriculture, Developed	1.3	265.0	730.5	Cass	Private
Pipeline Facility	ATWS_022	6.5	Agriculture, Developed	0.2	20.0	410.8	Cass	Private
Pipeline Facility	ATWS_022_c	6.7	Agriculture	0.2	20.0	380.3	Cass	Private
Pipeline Facility	ATWS_022_d	6.7	Agriculture	0.6	50.0	550.0	Cass	Private
Pipeline Facility	ATWS_023	7.2	Agriculture, Developed	0.3	50.0	300.4	Cass	Private
Pipeline Facility	ATWS_024	7.2	Agriculture, Developed	0.3	50.0	300.4	Cass	Private
Pipeline Facility	ATWS_025	7.2	Agriculture, Developed	0.1	20.0	300.0	Cass	Private
Pipeline Facility	ATWS_026	7.2	Agriculture, Developed	0.1	20.0	300.1	Cass	Private
Pipeline Facility	ATWS_027	8.2	Agriculture	0.3	50.0	300.6	Cass	Private
Pipeline Facility	ATWS_028	8.2	Agriculture, Developed	0.3	50.0	300.4	Cass	Private
Pipeline Facility	ATWS_029	6.4	Agriculture	0.3	50.0	300.0	Cass	Private
Pipeline Facility	ATWS_030	6.4	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_031	8.3	Agriculture, Developed	0.5	167.7	290.7	Cass	Private
Pipeline Facility	ATWS_032	8.2	Agriculture, Developed	0.1	20.0	300.0	Cass	Private
Pipeline Facility	ATWS_033	8.2	Agriculture, Developed	0.2	25.0	300.3	Cass	Private
Pipeline Facility	ATWS_034	8.3	Agriculture, Developed	0.2	25.0	300.1	Cass	Private
Pipeline Facility	ATWS_035	8.4	Agriculture	0.2	25.0	299.8	Cass	Private
Pipeline Facility	ATWS_036	8.4	Agriculture	0.5	225.0	249.8	Cass	Private
Pipeline Facility	ATWS_037	9.2	Agriculture, Developed	0.2	24.8	300.3	Cass	Private
Pipeline Facility	ATWS_038	9.3	Agriculture, Developed	0.4	186.9	238.0	Cass	Private
Pipeline Facility	ATWS_039	9.2	Agriculture, Developed	0.3	50.0	300.6	Cass	Private
Pipeline Facility	ATWS_040	5.4	Agriculture	0.3	50.0	300.5	Cass	Private
Pipeline Facility	ATWS_041	5.5	Agriculture	0.3	50.0	300.5	Cass	Private
Pipeline Facility	ATWS_042	9.3	Agriculture, Developed	0.3	76.7	279.0	Cass	Private



APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_043	5.8	Agriculture	0.7	100.0	866.1	Cass	Private
Pipeline Facility	ATWS_044	5.4	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_045	4.9	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_046	6.1	Agriculture	0.7	100.0	850.6	Cass	Private
Pipeline Facility	ATWS_047	5.5	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_048	5	Agriculture	0.4	25.0	740.6	Cass	Private
Pipeline Facility	ATWS_050	5.2	Agriculture	0.4	100.0	463.3	Cass	Private
Pipeline Facility	ATWS_051	5.7	Agriculture	1.0	50.0	866.1	Cass	Private
Pipeline Facility	ATWS_052	4.9	Agriculture	0.3	50.0	300.5	Cass	Private
Pipeline Facility	ATWS_053	6.1	Agriculture	1.0	50.0	851.1	Cass	Private
Pipeline Facility	ATWS_053_b	6.3	Agriculture	0.2	99.9	141.7	Cass	Private
Pipeline Facility	ATWS_054	5.0	Agriculture	0.9	50.0	802.7	Cass	Private
Pipeline Facility	ATWS_056	5.2	Agriculture	0.7	150.0	547.7	Cass	Private
Pipeline Facility	ATWS_056_b	5.3	Agriculture	0.2	140.9	141.4	Cass	Private
Pipeline Facility	ATWS_057	10.0	Agriculture	1.6	254.1	505.0	Cass	Private
Pipeline Facility	ATWS_058	10.0	Agriculture	0.7	104.7	424.8	Cass	Private
Pipeline Facility	ATWS_059	10.1	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_060	10.1	Agriculture	0.3	50.0	300.9	Cass	Private
Pipeline Facility	ATWS_061	10.6	Agriculture, Developed	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_062	10.6	Agriculture, Developed	0.3	50.0	309.3	Cass	Private
Pipeline Facility	ATWS_063	10.7	Agriculture	0.2	32.5	297.8	Cass	Private
Pipeline Facility	ATWS_064	10.7	Agriculture	0.5	144.4	376.8	Cass	Private
Pipeline Facility	ATWS_065	12.2	Agriculture	0.4	96.5	369.2	Cass	Private
Pipeline Facility	ATWS_066	12.2	Agriculture	0.2	68.6	277.8	Cass	Private
Pipeline Facility	ATWS_067	12.6	Agriculture, Developed	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_068	11.6	Agriculture	0.1	25.0	300.0	Cass	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_069	12.7	Agriculture	0.2	25.0	300.3	Cass	Private
Pipeline Facility	ATWS_070	11.7	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_071	12.6	Agriculture, Developed	0.3	50.0	301.3	Cass	Private
Pipeline Facility	ATWS_072	12.1	Agriculture	0.2	26.8	324.9	Cass	Private
Pipeline Facility	ATWS_073	11.6	Agriculture	0.3	50.0	300.6	Cass	Private
Pipeline Facility	ATWS_074	12.7	Agriculture	0.3	50.0	300.6	Cass	Private
Pipeline Facility	ATWS_075	11.7	Agriculture	0.3	50.0	300.9	Cass	Private
Pipeline Facility	ATWS_076	12.1	Agriculture	0.4	110.9	361.9	Cass	Private
Pipeline Facility	ATWS_077	13.6	Agriculture	1.2	250.3	383.9	Cass	Private
Pipeline Facility	ATWS_078	13.6	Agriculture	0.3	50.0	307.6	Cass	Private
Pipeline Facility	ATWS_079	13.8	Agriculture	0.1	15.0	315.4	Cass	Private
Pipeline Facility	ATWS_080	14.8	Agriculture	0.6	101.9	440.7	Cass	Private
Pipeline Facility	ATWS_081	13.7	Agriculture	1.1	250.2	392.4	Cass	Private
Pipeline Facility	ATWS_082	14.8	Agriculture	0.2	29.3	303.9	Cass	Private
Pipeline Facility	ATWS_083	15.7	Agriculture, Developed	0.3	50.0	301.3	Cass	Private
Pipeline Facility	ATWS_084	15.8	Agriculture	0.3	50.0	301.5	Cass	Private
Pipeline Facility	ATWS_085	14.7	Agriculture	0.1	15.0	329.9	Cass	Private
Pipeline Facility	ATWS_086	15.7	Agriculture, Developed	0.2	25.0	299.7	Cass	Private
Pipeline Facility	ATWS_087	15.8	Agriculture	0.2	25.0	299.7	Cass	Private
Pipeline Facility	ATWS_088	14.7	Agriculture	0.7	149.4	378.3	Cass	Private
Pipeline Facility	ATWS_089	16.7	Agriculture	0.3	100.0	337.3	Cass	Private
Pipeline Facility	ATWS_091	16.8	Agriculture	0.2	24.9	299.7	Cass	Private
Pipeline Facility	ATWS_092	16.6	Agriculture	0.3	50.0	301.2	Cass	Private
Pipeline Facility	ATWS_094	16.8	Agriculture	0.3	50.0	301.5	Cass	Private
Pipeline Facility	ATWS_095	17.7	Agriculture	0.2	25.0	299.7	Cass	Private
Pipeline Facility	ATWS_096	17.8	Agriculture	0.2	25.0	299.7	Cass	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_097	17.7	Agriculture	0.3	49.7	301.3	Cass	Private
Pipeline Facility	ATWS_098	17.8	Agriculture, Developed	0.3	50.0	301.5	Cass	Private
Pipeline Facility	ATWS_099	18.7	Agriculture	0.2	25.0	299.7	Cass	Private
Pipeline Facility	ATWS_100	18.8	Agriculture	0.2	25.0	299.7	Cass	Private
Pipeline Facility	ATWS_101	18.7	Agriculture	0.3	50.0	301.3	Cass	Private
Pipeline Facility	ATWS_102	18.8	Agriculture, Developed	0.4	50.0	367.1	Cass	Private
Pipeline Facility	ATWS_103	19.7	Agriculture	0.5	102.1	416.6	Cass	Private
Pipeline Facility	ATWS_105	19.7	Agriculture	0.2	25.0	290.0	Cass	Private
Pipeline Facility	ATWS_107	19.8	Agriculture, Developed	0.2	25.0	339.6	Cass	Private
Pipeline Facility	ATWS_108	19.8	Agriculture, Developed	0.7	173.1	372.8	Cass	Private
Pipeline Facility	ATWS_109	20.8	Agriculture	0.2	25.0	300.0	Cass	Private
Pipeline Facility	ATWS_110	20.9	Agriculture	0.2	25.0	299.6	Cass	Private
Pipeline Facility	ATWS_111	20.8	Agriculture	0.3	50.0	301.1	Cass	Private
Pipeline Facility	ATWS_112	20.9	Agriculture	0.3	50.0	301.2	Cass	Private
Pipeline Facility	ATWS_113	21.8	Agriculture	0.2	25.0	299.8	Cass	Private
Pipeline Facility	ATWS_114	21.8	Agriculture	0.2	160.9	207.7	Cass	Private
Pipeline Facility	ATWS_115	21.8	Agriculture	0.3	50.0	301.1	Cass	Private
Pipeline Facility	ATWS_116	21.9	Agriculture, Developed	0.3	42.0	300.7	Cass	Private
Pipeline Facility	ATWS_116_b	22.3	Agriculture, Developed	0.2	142.3	156.7	Cass	Private
Pipeline Facility	ATWS_117	23.3	Agriculture	0.2	25.0	299.9	Cass	Private
Pipeline Facility	ATWS_119	23.3	Agriculture	0.3	50.0	300.8	Cass	Private
Kindred Border Station	ATWS_121	23.4	Agriculture	2.5	359.5	564.1	Cass	Private
Pipeline Facility	ATWS_121_b	23.7	Agriculture, Developed	0.2	141.4	142.5	Cass	Private
Pipeline Facility	ATWS_123	24.0	Agriculture	0.7	100.0	850.0	Cass	Private
Pipeline Facility	ATWS_124	24.3	Agriculture	0.7	100.0	850.0	Cass	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_125	24.0	Agriculture	1.0	50.0	850.5	Cass	Private
Pipeline Facility	ATWS_126	24.3	Agriculture	1.0	50.0	850.5	Cass	Private
Pipeline Facility	ATWS_127	24.7	Agriculture	0.2	30.1	299.3	Cass	Private
Pipeline Facility	ATWS_128	24.8	Agriculture	0.2	25.0	299.8	Richland	Private
Pipeline Facility	ATWS_129	24.7	Agriculture	0.3	55.9	307.5	Richland	Private
Pipeline Facility	ATWS_130	24.8	Agriculture	0.3	50.0	300.9	Richland	Private
Pipeline Facility	ATWS_130_b	25.7	Agriculture	0.1	116.3	141.3	Richland	Private
Pipeline Facility	ATWS_131	26.6	Agriculture	0.3	50.0	301.1	Richland	Private
Pipeline Facility	ATWS_132	26.6	Agriculture	0.1	14.2	299.9	Richland	Private
Pipeline Facility	ATWS_133	26.7	Agriculture	0.3	50.0	301.5	Richland	Private
Pipeline Facility	ATWS_134	26.7	Agriculture	0.1	14.5	299.6	Richland	Private
Pipeline Facility	ATWS_135	27.6	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_136	27.6	Agriculture	0.1	21.8	300.0	Richland	Private
Pipeline Facility	ATWS_137	27.7	Agriculture	0.3	50.0	300.7	Richland	Private
Pipeline Facility	ATWS_138	27.7	Agriculture	0.1	21.9	300.0	Richland	Private
Pipeline Facility	ATWS_138_b	28.2	Agriculture	0.2	140.6	141.4	Richland	Private
Pipeline Facility	ATWS_139	28.3	Agriculture	0.2	25.0	418.8	Richland	Private
Pipeline Facility	ATWS_140	28.4	Agriculture	0.2	25.0	401.5	Richland	Private
Pipeline Facility	ATWS_141	28.3	Agriculture	0.5	50.0	420.3	Richland	Private
Pipeline Facility	ATWS_142	28.4	Agriculture	0.5	50.0	400.0	Richland	Private
Pipeline Facility	ATWS_143	30.4	Agriculture, Developed	0.3	104.8	288.0	Richland	Private
Pipeline Facility	ATWS_144	29.3	Agriculture	0.2	25.0	299.8	Richland	Private
Pipeline Facility	ATWS_145	29.3	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_146	30.4	Agriculture	0.3	105.5	308.6	Richland	Private
Pipeline Facility	ATWS_146_b	30.8	Agriculture	0.2	90.8	183.1	Richland	Private
Pipeline Facility	ATWS_146_c	30.9	Agriculture	0.2	90.6	183.3	Richland	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_147	29.3	Agriculture	0.3	50.0	301.8	Richland	Private
Pipeline Facility	ATWS_148	29.3	Agriculture	0.3	50.0	300.9	Richland	Private
Pipeline Facility	ATWS_149	30.3	Agriculture	0.2	25.0	321.7	Richland	Private
Pipeline Facility	ATWS_150	30.3	Agriculture	0.4	104.6	383.9	Richland	Private
Pipeline Facility	ATWS_151	31.3	Agriculture, Forest	0.3	25.0	512.0	Richland	Private
Pipeline Facility	ATWS_152	31.4	Agriculture	0.3	25.0	512.0	Richland	Private
Pipeline Facility	ATWS_153	31.3	Agriculture, Developed	0.9	205.8	566.3	Richland	Private
Pipeline Facility	ATWS_154	31.4	Agriculture	0.6	50.0	511.6	Richland	Private
Pipeline Facility	ATWS_155	33.4	Agriculture	0.2	25.0	299.7	Richland	Private
Pipeline Facility	ATWS_156	33.5	Agriculture, Open Water	0.2	25.0	299.8	Richland	Private
Pipeline Facility	ATWS_157	32.3	Agriculture, Developed	0.2	25.0	299.8	Richland	Private
Pipeline Facility	ATWS_158	32.4	Agriculture	0.2	25.1	300.0	Richland	Private
Pipeline Facility	ATWS_159	33.4	Agriculture	0.3	50.0	301.6	Richland	Private
Pipeline Facility	ATWS_160	33.5	Agriculture, Open Water	0.3	50.0	300.9	Richland	Private
Pipeline Facility	ATWS_160_b	34.4	Agriculture, Developed	0.2	140.6	141.4	Richland	Private
Pipeline Facility	ATWS_160_c	34.5	Agriculture	0.8	151.2	398.0	Richland	Private
Pipeline Facility	ATWS_160_e	34.9	Agriculture	0.2	85.1	188.3	Richland	Private
Pipeline Facility	ATWS_160_f	35.0	Open Land	0.4	100.0	306.2	Richland	Private
Pipeline Facility	ATWS_161	32.3	Agriculture	0.3	50.0	301.6	Richland	Private
Pipeline Facility	ATWS_162	32.4	Agriculture	0.3	50.0	300.9	Richland	Private
Pipeline Facility	ATWS_162_b	32.6	Agriculture	0.2	141.8	141.9	Richland	Private
Pipeline Facility	ATWS_162_c	32.6	Agriculture, Open Water	0.7	148.5	281.5	Richland	Private
Pipeline Facility	ATWS_163	35.6	Open Land	0.2	25.0	294.0	Richland	Private
Pipeline Facility	ATWS_164	35.6	Open Land	0.4	50.0	323.1	Richland	Private
Pipeline Facility	ATWS_165	35.7	Open Land	0.1	25.0	114.3	Richland	Private
Pipeline Facility	ATWS_166	35.7	Developed, Open Land	0.1	50.1	129.0	Richland	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_167	36.1	Open Water	0.2	25.0	299.7	Richland	Private
Pipeline Facility	ATWS_169	36.2	Open Land	0.2	28.0	312.5	Richland	Private
Pipeline Facility	ATWS_170	36.2	Agriculture, Open Land	0.3	58.6	298.7	Richland	Private
Pipeline Facility	ATWS_171	36.7	Agriculture, Developed, Open Land	0.2	25.0	299.8	Richland	Private
Pipeline Facility	ATWS_172	36.7	Agriculture, Developed	0.4	50.0	327.3	Richland	Private
Pipeline Facility	ATWS_173	36.8	Agriculture, Forest, Open Land	0.5	124.0	448.3	Richland	Private
Pipeline Facility	ATWS_174	36.8	Agriculture, Forest	0.3	50.0	289.1	Richland	Private
Pipeline Facility	ATWS_175	37.5	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_176	37.5	Agriculture	0.2	25.0	300.3	Richland	Private
Pipeline Facility	ATWS_177	37.6	Agriculture	0.3	50.0	300.6	Richland	Private
Pipeline Facility	ATWS_178	37.6	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_179	38.5	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_180	38.5	Agriculture	0.2	25.0	300.3	Richland	Private
Pipeline Facility	ATWS_181	38.6	Agriculture	0.2	130.2	171.5	Richland	Private
Pipeline Facility	ATWS_182	38.6	Agriculture	0.6	255.2	296.5	Richland	Private
Pipeline Facility	ATWS_182_a	39.8	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_182_b	39.8	Agriculture, Developed	0.1	18.4	300.2	Richland	Private
Pipeline Facility	ATWS_182_c	39.9	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_182_d	39.9	Agriculture, Developed	0.1	18.9	300.0	Richland	Private
Pipeline Facility	ATWS_183	40.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_184	40.4	Agriculture	0.1	20.9	300.2	Richland	Private
Pipeline Facility	ATWS_185	40.5	Agriculture	0.3	50.0	300.6	Richland	Private
Pipeline Facility	ATWS_186	40.5	Agriculture	0.1	20.9	300.0	Richland	Private
Pipeline Facility	ATWS_187	40.9	Agriculture	0.2	18.3	600.8	Richland	Private
Pipeline Facility	ATWS_188	40.9	Agriculture	0.9	125.0	599.8	Richland	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_189	41.0	Agriculture	0.0	16.8	50.2	Richland	Private
Pipeline Facility	ATWS_190	41.1	Agriculture	0.5	25.0	953.4	Richland	Private
Pipeline Facility	ATWS_191	41.0	Agriculture, Developed	1.9	432.6	730.3	Richland	Private
Pipeline Facility	ATWS_191_b	41.1	Agriculture, Developed	0.1	65.0	100.1	Richland	Private
Pipeline Facility	ATWS_192	41.2	Agriculture	1.3	125.0	953.4	Richland	Private
Pipeline Facility	ATWS_192_b	41.9	Agriculture, Developed	0.2	69.6	195.4	Richland	Private
Pipeline Facility	ATWS_192_c	42.0	Agriculture	0.2	93.4	183.4	Richland	Private
Pipeline Facility	ATWS_192_d	41.3	Agriculture	0.2	25.0	300.3	Richland	Private
Pipeline Facility	ATWS_192_e	41.3	Agriculture	0.5	125.0	300.8	Richland	Private
Pipeline Facility	ATWS_193	42.4	Agriculture, Developed	0.3	70.6	230.1	Richland	Private
Pipeline Facility	ATWS_194	42.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_195	42.4	Agriculture, Developed	0.2	170.0	180.2	Richland	Private
Pipeline Facility	ATWS_196	42.4	Agriculture	0.2	25.0	300.3	Richland	Private
Pipeline Facility	ATWS_197	44.4	Agriculture, Developed	0.7	123.3	286.2	Richland	Private
Pipeline Facility	ATWS_198	44.4	Agriculture	0.2	40.7	290.1	Richland	Private
Pipeline Facility	ATWS_199	44.5	Agriculture	0.2	40.7	288.8	Richland	Private
Pipeline Facility	ATWS_200	44.5	Agriculture	0.4	91.6	337.0	Richland	Private
Pipeline Facility	ATWS_201	44.9	Agriculture, Developed	0.3	31.4	460.7	Richland	Private
Pipeline Facility	ATWS_202	45.0	Agriculture, Developed	0.3	27.6	459.3	Richland	Private
Pipeline Facility	ATWS_203	45.4	Agriculture	0.1	16.3	300.1	Richland	Private
Pipeline Facility	ATWS_204	45.5	Agriculture, Developed	0.1	16.5	300.0	Richland	Private
Pipeline Facility	ATWS_205	44.9	Agriculture	0.7	124.9	460.0	Richland	Private
Pipeline Facility	ATWS_206	45.0	Agriculture	0.7	124.8	460.0	Richland	Private
Pipeline Facility	ATWS_207	45.4	Agriculture	0.3	48.8	300.0	Richland	Private
Pipeline Facility	ATWS_208	45.5	Agriculture, Developed	0.3	48.6	300.5	Richland	Private
Pipeline Facility	ATWS_209	46.4	Agriculture	0.2	25.0	300.1	Richland	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_210	46.5	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_211	46.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_212	46.5	Agriculture	0.3	50.0	300.3	Richland	Private
Pipeline Facility	ATWS_212_d	47.4	Agriculture	0.1	62.2	140.3	Richland	Private
Pipeline Facility	ATWS_212_e	47.3	Agriculture	0.2	54.9	187.3	Richland	Private
Pipeline Facility	ATWS_213	47.9	Agriculture	0.4	51.8	300.1	Richland	Private
Pipeline Facility	ATWS_214	47.9	Developed	0.1	15.2	300.0	Richland	Private
Pipeline Facility	ATWS_215	48.0	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_216	48.0	Developed	0.1	16.5	300.0	Richland	Private
Pipeline Facility	ATWS_217	48.3	Agriculture, Developed	0.1	17.0	300.0	Richland	Private
Pipeline Facility	ATWS_218	48.4	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_219	48.3	Agriculture, Developed	0.4	142.0	255.7	Richland	Private
Pipeline Facility	ATWS_220	48.4	Agriculture	0.3	46.6	300.0	Richland	Private
Pipeline Facility	ATWS_221	48.9	Agriculture	0.4	171.8	228.3	Richland	Private
Pipeline Facility	ATWS_222	48.8	Agriculture	0.2	46.8	253.2	Richland	Private
Pipeline Facility	ATWS_223	48.9	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_224	48.9	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_225	49.9	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_226	49.9	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_227	49.9	Agriculture	0.3	50.0	300.1	Richland	Private
Pipeline Facility	ATWS_228	49.9	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_228_b	50.4	Agriculture, Open Water	3.8	112.7	2979.3	Richland	Private
Pipeline Facility	ATWS_228_c	50.8	Agriculture, Forest, Open Water	1.5	25.0	2979.3	Richland	Private
Pipeline Facility	ATWS_228_d	51.8	Agriculture	3.2	112.6	2539.9	Richland	Private
Pipeline Facility	ATWS_228_e	51.4	Agriculture, Open Water	1.7	35.0	2540.3	Richland	Private
Pipeline Facility	ATWS_235	51.9	Agriculture	0.3	50.0	300.5	Richland	Private



APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_236	51.9	Agriculture	0.2	24.8	300.0	Richland	Private
Pipeline Facility	ATWS_237	52.0	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_238	52	Agriculture	0.2	75.0	300.2	Richland	Private
Pipeline Facility	ATWS_239	52.9	Agriculture, Developed	0.3	50.0	300.5	Richland	Private
Pipeline Facility	ATWS_240	52.9	Agriculture, Developed	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_241	53	Agriculture, Developed	0.3	59.9	319.8	Richland	Private
Pipeline Facility	ATWS_242	53	Agriculture, Developed	0.2	25.0	300.2	Richland	Private
Pipeline Facility	ATWS_242_b	53.9	Agriculture	0.2	127.5	142.3	Richland	Private
Pipeline Facility	ATWS_243	57.1	Agriculture, Forest	0.4	25.0	630.0	Richland	Private
Pipeline Facility	ATWS_244	56.9	Agriculture	1.8	358.4	842.8	Richland	Private
Pipeline Facility	ATWS_245	57.5	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_246	57.1	Agriculture	1.0	125.0	683.5	Richland	Private
Pipeline Facility	ATWS_247	56.9	Agriculture	0.2	25.0	315.3	Richland	Private
Pipeline Facility	ATWS_248	57.5	Agriculture	0.2	25.0	300.1	Richland	Private
Pipeline Facility	ATWS_249	54.4	Agriculture	0.3	50.0	300.1	Richland	Private
Pipeline Facility	ATWS_250	54.4	Agriculture, Developed	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_251	57.5	Agriculture, Developed	1.8	201.7	879.6	Richland	Private
Pipeline Facility	ATWS_252	57.5	Agriculture, Developed	0.1	26.3	248.2	Richland	Private
Pipeline Facility	ATWS_253	54.4	Agriculture	0.1	20.8	300.0	Richland	Private
Pipeline Facility	ATWS_254	54.4	Agriculture	0.1	20.8	300.1	Richland	Private
Pipeline Facility	ATWS_255	55.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_256	55.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_257	56.4	Agriculture	0.3	50.0	301.3	Richland	Private
Pipeline Facility	ATWS_258	56.4	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_259	55.4	Agriculture	0.2	25.0	300.0	Richland	Private
Pipeline Facility	ATWS_260	55.4	Agriculture	0.2	25.0	300.9	Richland	Private

APPENDIX 8A Wahpeton Expansion Project Additional Temporary Workspaces								
Project Facility	Additional Temporary Workspaces	Milepost	Existing Land Uses	Area Affected by Construction (acres)	Width (feet)	Length (feet)	County	Land Owner
Pipeline Facility	ATWS_261	56.4	Agriculture, Developed	0.1	17.1	300.0	Richland	Private
Pipeline Facility	ATWS_262	56.4	Agriculture	0.1	20.8	300.5	Richland	Private
Pipeline Facility	ATWS_263	57.7	Agriculture	0.7	100.0	490.6	Richland	Private
Pipeline Facility	ATWS_264	57.7	Agriculture	0.3	25.2	491.9	Richland	Private
Pipeline Facility	ATWS_267	57.8	Agriculture	0.2	26.6	300.1	Richland	Private
Pipeline Facility	ATWS_268	57.8	Agriculture	0.3	50.0	300.5	Richland	Private
Pipeline Facility	ATWS_269	58.6	Agriculture, Developed	0.2	25.0	350.0	Richland	Private
Pipeline Facility	ATWS_270	58.6	Agriculture	0.3	50.0	300.5	Richland	Private
Pipeline Facility	ATWS_271	58.7	Agriculture	0.2	25.1	300.2	Richland	Private
Pipeline Facility	ATWS_272	58.7	Agriculture	0.3	50.0	300.0	Richland	Private
Pipeline Facility	ATWS_272_b	59.6	Agriculture	0.1	113.0	142.0	Richland	Private
Pipeline Facility	ATWS_273	60.1	Agriculture, Developed, Open Water	0.7	125.9	551.2	Richland	Private
Pipeline Facility	ATWS_274	60.1	Agriculture, Developed, Open Water	0.2	40.3	291.0	Richland	Private
Pipeline Facility	ATWS_275	60.2	Agriculture, Open Water	0.2	32.0	329.3	Richland	Private
Pipeline Facility	ATWS_276	60.1	Agriculture	0.9	183.3	531.0	Richland	Private
Wahpeton Border Station	ATWS_277	60.5	Agriculture, Developed, Open Water	2.4	365.0	516.1	Richland	Private

## **APPENDIX 8B ACCESS ROADS**

APPENDIX 8B Wahpeton Expansion Project Access Roads <sup>a, b</sup>									
Access Road Name	Milepost	Existing Road Type	Use (TEMP or PERM)	Existing or New	Existing Land Uses	Length (feet)	Width (feet)	Area Affected by Construction (acres)	Area Affected by Operations (acres)
AR_001	0.0	Dirt/Vegetation	TEMP	Existing, New	Agricultural, Developed	763	30	0.5	0.0
AR_001.1	0.7	Dirt/Vegetation	TEMP	New	Agriculture, Developed	354	30	0.3	0.0
AR_001.2	0.8	Dirt/Vegetation	TEMP	New	Agriculture	319	30	0.3	0.0
AR_002	1.7	Gravel/Dirt	TEMP	Existing, New	Agricultural, Developed	114	30	0.1	0.0
AR_002.1	3.6	Dirt/Vegetation	TEMP	New	Agriculture, Developed	225	30	0.2	0.0
AR_003	3.7	Dirt/Vegetation	TEMP	Existing, New	Agricultural, Developed	127	28	0.1	0.0
AR_004	4.2	Dirt	TEMP	Existing	Agricultural, Developed	60	30	<0.1	0.0
AR_005	5.1	Dirt/Vegetation	TEMP	New	Agricultural, Developed, Open Water	1,377	30	0.9	0.0
AR_Kost1	5.2		TEMP	Existing	Developed	902	40	0.8	0.0
AR_Kost2	5.2		TEMP	Existing	Developed	97	39	0.1	0.0
AR_006	5.4	Gravel/Dirt	TEMP	Existing	Agricultural, Developed	1,098	30	0.8	0.0
AR_007	5.9	Dirt/Vegetation	TEMP	Existing, New	Agricultural, Developed	307	30	0.2	0.0
AR_007.1	6.6	Dirt/Vegetation	TEMP	New	Agriculture, Developed	66	30	0.1	0.0
AR_007.2	6.8	Dirt/Vegetation	TEMP	New	Agriculture, Developed	44	40	<0.1	0.0
AR_008	7.2	Dirt/Vegetation	TEMP	Existing	Agricultural, Developed	56	30	<0.1	0.0
AR_009	7.4	Vegetation	TEMP	Existing	Agricultural, Developed	77	40	0.1	0.0
AR_010	8.2	Dirt/Vegetation	TEMP	Existing	Developed	75	30	0.1	0.0
AR_011	8.3	Dirt/Vegetation	TEMP	Existing, New	Agricultural, Developed	248	30	0.2	0.0
AR_012	8.7	Dirt/Vegetation	TEMP	Existing	Agricultural, Developed	74	30	0.1	0.0
AR_013	10.0	Dirt/Vegetation	TEMP	New	Agricultural, Open Water	3,455	40	2.4	0.0
AR_014	10.0	Dirt/Vegetation	TEMP	Existing	Agricultural	1,929	30	1.3	0.0
AR_015	11.2	Dirt/Vegetation	TEMP	Existing	Agricultural, Developed	48	30	<0.1	0.0
AR_016	11.6	Dirt/Vegetation	PERM	New	Agricultural, Developed	104	40	0.1	0.1
AR_016.1	11.7	Dirt/Vegetation	TEMP	New	Agriculture, Developed	49	40	<0.1	0.0
AR_017	13.2	Vegetation	TEMP	New	Agricultural, Developed	89	32	0.1	0.0

APPENDIX 8B Wahpeton Expansion Project Access Roads <sup>a, b</sup>									
Access Road Name	Milepost	Existing Road Type	Use (TEMP or PERM)	Existing or New	Existing Land Uses	Length (feet)	Width (feet)	Area Affected by Construction (acres)	Area Affected by Operations (acres)
AR_018	13.7	Vegetation	TEMP	Existing, New	Agricultural	139	30	0.1	0.0
AR_019	14.8	Vegetation	TEMP	New	Agricultural, Open Water	40	30	<0.1	0.0
AR_019.1	15.7	Vegetation	TEMP	New	Developed	31	30	<0.1	0.0
AR_020	16.2	Dirt/Vegetation	TEMP	New	Agricultural, Developed	81	35	0.1	0.0
AR_022	17.1	Dirt	TEMP	New	Agricultural, Developed	85	34	0.1	0.0
AR_023	18.3	Vegetation	TEMP	New	Agricultural, Developed	82	35	0.1	0.0
AR_023.1	18.8	Vegetation	TEMP	New	Agriculture	77	30	0.1	0.0
AR_024	19.3	Vegetation	TEMP	New	Agricultural, Developed, Open Water	90	32	0.1	0.0
AR_024.1	20.1	Vegetation	TEMP	New	Agriculture, Developed	65	46	0.1	0.0
AR_024.2	20.8	Vegetation	TEMP	New	Agriculture, Developed	49	27	<0.1	0.0
AR_042.3	21.8	Vegetation	TEMP	New	Agriculture, Developed	137	30	0.1	0.0
AR_Kindred 1	21.8		TEMP	Existing	Agriculture, Developed, Forest	283	40	0.3	0.0
AR_025	22.3	Dirt	TEMP	Existing	Agricultural, Developed	59	30	<0.1	0.0
AR_026	23.4	Dirt	PERM	New	Agricultural, Developed	171	0	0.1	0.1
AR_027	24.1	Dirt	TEMP	New	Agricultural, Developed	540	40	0.4	0.0
AR_028	24.2	Dirt	TEMP	New	Agricultural	447	40	0.3	0.0
AR_028.1	24.4	Dirt	TEMP	New	Agriculture, Developed	97	40	0.1	
AR_029	24.7	Dirt	TEMP	New	Agricultural	120	30	0.1	0.0
AR_030	25.7	Vegetation	TEMP	New	Agricultural, Developed	163	29	0.1	0.0
AR_032	28.3	Dirt/Vegetation	TEMP	Existing, New	Agricultural	138	30	0.1	0.0
AR_032.1	29.3	Dirt/Vegetation	TEMP	New	Agriculture, Developed	166	30	0.1	0.0
AR_033	29.3	Dirt/Vegetation	TEMP	Existing	Agricultural, Open Water	106	30	0.1	0.0
AR_033.1	30.3	Dirt/Vegetation	TEMP	New	Agriculture, Developed	78	30	0.1	0.0
AR_033.2	30.3	Dirt/Vegetation	TEMP	New	Agriculture, Developed	378	30	0.3	0.0

APPENDIX 8B Wahpeton Expansion Project Access Roads <sup>a, b</sup>									
Access Road Name	Milepost	Existing Road Type	Use (TEMP or PERM)	Existing or New	Existing Land Uses	Length (feet)	Width (feet)	Area Affected by Construction (acres)	Area Affected by Operations (acres)
AR_034	31.3	Dirt/Vegetation	PERM	Existing, New	Agricultural, Developed, Open Water	258	30	0.2	0.2
AR_035	32.4	Dirt/Vegetation	TEMP	New	Agricultural, Developed	113	30	0.1	0.0
AR_036	32.4	Dirt/Vegetation	TEMP	New	Agricultural, Developed	116	30	0.1	0.0
AR_038	34.5	Dirt/Vegetation	TEMP	New	Agricultural, Open Land, Open Water	749	40	0.7	0.0
AR_039	34.5	Gravel	TEMP	Existing	Agricultural, Developed, Forest, Open Land, Open Water	3,245	30	2.2	0.0
AR_040	36.7	Gravel/Vegetation	TEMP	Existing, New	Agricultural	851	66	0.6	0.0
AR_041	36.8	Dirt/Vegetation	TEMP	Existing	Agricultural, Open Land	38	26	<0.1	0.0
AR_042	39.0	Vegetation	TEMP	New	Agricultural	138	30	0.1	0.0
AR_043	39.5	Dirt/Vegetation	PERM	New	Agricultural, Developed	250	30	0.2	0.2
AR_043.1	40.5	Dirt/Vegetation	TEMP	New	Agriculture, Developed	68	30	0.0	0.0
AR_043.2	41.0	Dirt	TEMP	New	Agriculture, Developed	2284	30	1.6	0.0
AR_043.3	41.0	Dirt	TEMP	New	Agriculture, Developed	2382	30	1.6	0.0
AR_044	42.0	Dirt/Vegetation	TEMP	Existing, New	Agricultural, Developed	141	40	0.1	0.0
AR_045	42.7	Vegetation	TEMP	New	Agricultural, Developed	70	42	<0.1	0.0
AR_046	43.4	Vegetation	TEMP	Existing	Agricultural	62	30	<0.1	0.0
AR_046.1	44.1	Dirt/Vegetation	TEMP	Existing	Agriculture, Developed, Open Water	65	40	0.1	0.0
AR_047	44.9	Vegetation	TEMP	New	Agricultural	16	40	<0.1	0.0
AR_048	45.0	Vegetation	TEMP	New	Agricultural, Developed	26	40	<0.1	0.0
AR_049	46.2	Dirt	TEMP	New	Agricultural, Developed, Open Water	71	40	<0.1	0.0
AR_050	46.9	Dirt/Vegetation	TEMP	New	Agricultural, Developed	65	46	<0.1	0.0

APPENDIX 8B Wahpeton Expansion Project Access Roads <sup>a, b</sup>									
Access Road Name	Milepost	Existing Road Type	Use (TEMP or PERM)	Existing or New	Existing Land Uses	Length (feet)	Width (feet)	Area Affected by Construction (acres)	Area Affected by Operations (acres)
AR_051	47.3	Dirt	TEMP	New	Agricultural, Developed, Open Water	64	30	<0.1	0.0
AR_052	48.0	Dirt	TEMP	Existing	Developed	38	30	<0.1	0.0
AR_053	48.3	Vegetation	TEMP	New	Agricultural, Developed	21	30	<0.1	0.0
AR_054	48.7	Dirt/Vegetation	TEMP	New	Agricultural, Developed	66	45	<0.1	0.0
AR_055	48.9	Dirt/Vegetation	PERM	New	Agricultural, Developed	105	40	<0.1	<0.1
AR_056	50.9	Dirt/Vegetation/ Gravel	PERM	Existing, New	Agricultural, Developed, Forest, Open Water	2,521	40	2.3	2.3
AR_057	52.9	Dirt	TEMP	Existing	Agricultural, Developed	63	30	<0.1	0.0
AR_058	52.0	Dirt/Vegetation	TEMP	New	Agricultural, Developed	265	30	0.2	0.0
AR_059	53.9	Dirt/Vegetation	TEMP	New	Agricultural, Developed	114	9	0.1	0.0
AR_060	56.4	Dirt/Vegetation	TEMP	Existing	Agricultural, Developed, Open Water	94	40	0.1	0.0
AR_061	56.4	Dirt/Vegetation	TEMP	Existing	Agricultural, Developed	67	37	<0.1	0.0
AR_062	57.5	Vegetation	TEMP	Existing, New	Agricultural, Developed	961	30	0.6	0.0
AR_062.1	57.6	Vegetation	TEMP	New	Developed	36	28	<0.1	0.0
AR_062.2	57.6	Dirt/Vegetation	TEMP	New	Agriculture, Developed	61	40	0.1	0.0
AR_063	58.6	Vegetation	TEMP	New	Agricultural	36	36	<0.1	0.0
AR_064	58.7	Dirt	TEMP	Existing	Agricultural, Developed, Open Water	36	30	<0.1	0.0
AR_065	60.5	Dirt/Vegetation	PERM	Existing, New	Agricultural, Developed	171	4	0.1	0.1
AR_Wahp1	60.5		TEMP	New	Developed	65	40	0.1	0.0

AR = access road; PERM = permanent; TBD = to be determined; TEMP = temporary.

<sup>a</sup> AR\_031 and AR\_037 were purposely omitted.

<sup>b</sup> Modifications may include: grading; widening up to 40 feet (including the access road entrances off of public roads), placement of mats, gravel, or crushed rock for stability and surface improvement; replacing or installing culverts; and clearing of overhead vegetation, if present.

## **APPENDIX 8C AGENCY CORRESPONDENCE**



**From:** [Apperson, Courtney - FPAC-FSA, Fargo, ND](#)  
**To:** [Destiny Kerr](#)  
**Cc:** [Larry Brown](#); [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); [Maggie Suter](#); [Lisa DiNicolantonio](#)  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County  
**Date:** Wednesday, March 2, 2022 10:53:36 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)

---

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

My apologies for the delay in response. It took us time to view this online and check each field on the sections provided.

It appears that the only section that has CRP presently on it is in sec 21 of 139-50. It is a shelterbelt that is right next to a place of residence on the corner of 165<sup>th</sup> ST SE and 39<sup>th</sup> St SE outside of Mapleton. From the call it sounded as though the pipeline would only really affect cropland. Will the pipeline being coming across any residential homes? If not, it doesn't appear any CRP will be affect by the pipeline construction.

Thank you,  
Courtney

---

**From:** Destiny Kerr <Destiny.Kerr@erm.com>  
**Sent:** Tuesday, March 1, 2022 2:34 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <courtney.apperson@usda.gov>  
**Cc:** Larry Brown <Larry.Brown@erm.com>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com);  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); [Maggie Suter <Maggie.Suter@erm.com>](mailto:Maggie.Suter@erm.com); [Lisa DiNicolantonio <Lisa.DiNicolantonio@erm.com>](mailto:Lisa.DiNicolantonio@erm.com)  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Good afternoon Courtney,

I am circling back around to this request. Would you be able to provide a status update or an estimated time we can expect your review? Feel free to reach out if you need any additional information.

Best,  
**Destiny D. Kerr**  
(she/her)  
Consultant II, Scientist

**ERM**

**T** +1 (857) 302-6637 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



**ERM** *The business of sustainability*

---

**From:** Destiny Kerr

**Sent:** Friday, January 14, 2022 4:42 PM

**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>

**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com);  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>; Lisa DiNicolantonio  
<[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>

**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Good afternoon Courtney,

I am following up on this request for your review of Conservation Reserve Program lands crossed by the Wahpeton Expansion Project construction work area. Please feel free to reach out if you need any additional information.

Best,

**Destiny D. Kerr**

*(she/her)*

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



**ERM** *The business of sustainability*

---

**From:** Destiny Kerr

**Sent:** Friday, December 17, 2021 5:11 PM

**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>

**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com);  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>

**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Hi Courtney,

Thank you again for your assistance with this review. Please see the attached table and reach out if you need additional information.

Best,

**Destiny D. Kerr**

*(she/her)*

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



**ERM** *The business of sustainability*

---

**From:** Destiny Kerr

**Sent:** Thursday, December 16, 2021 4:29 PM

**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>

**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; jill.linn@WBIEnergy.com;  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>

**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Hi Courtney,

Thank you for your quick response. We will send a file with the section-township-range as soon as possible.

Best,

**Destiny D. Kerr**

*(she/her)*

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



**ERM** *The business of sustainability*

**From:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>  
**Sent:** Thursday, December 16, 2021 3:32 PM  
**To:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; jill.linn@WBIEnergy.com;  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

I believe I will be able to assist you, but I do need more specific information on the location of the proposed pipeline. I cannot tell from the map provided what farms will be affected by this pipeline. Please provide me with the specific section-township-range of the proposed pipeline.

Thank you,

*Courtney Apperson*

County Executive Director  
Cass County FSA Office  
1665 43<sup>rd</sup> St SW, Ste 103  
Fargo, ND 58103-3319  
Phone: (701) 282-2157  
Fax: (701)282-9203  
Office email: [NDFARGO-fsa@usda.gov](mailto:NDFARGO-fsa@usda.gov)

Acting County Executive Director  
Traill County FSA Office  
PO Box 250  
Hillsboro, ND 58045  
Phone: (701)436-5101  
Fax: (855)813-6656  
Office email: [NDhillsbor-fsa@one.usda.gov](mailto:NDhillsbor-fsa@one.usda.gov)

Please sign up for Text messages: With heavy workload in the county office we are suggesting that you sign up for Text Messages to keep current on upcoming deadlines and new programs that you may qualify for.

To sign up:

Text: NDCASS to FSANOW(372-669) for Cass County updates and NDTRAILL to FSANOW(372-669) for Traill County updates.

*Stay Connected with USDA:*



*USDA is an equal opportunity provider, employer and lender.*

**NOTICE:** This electronic mail message and any attached files are confidential. The information is exclusively for the use of the individual or entity intended as the recipient. If you are not the intended recipient, any use, copying, printing, reviewing, retention, disclosure, distribution or forwarding of the message or any attached file is not authorized and is strictly prohibited. If you have received this electronic mail message in error, please advise the sender by reply electronic mail immediately and permanently delete the original transmission, any attachments and

any copies of this message from your computer system.

---

**From:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Sent:** Thursday, December 16, 2021 1:32 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com);  
[Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** [External Email]WBI Energy FSA Review - Cass County

[External Email]

If this message comes from an **unexpected sender** or references a **vague/unexpected topic**;  
Use caution before clicking links or opening attachments.  
Please send any concerns or suspicious messages to: [Spam.Abuse@usda.gov](mailto:Spam.Abuse@usda.gov)

Good afternoon Courtney Apperson,

ERM is preparing environmental review documents on behalf of WBI Energy Transmission, Inc. for a development project affecting land in Cass County, ND. We respectfully request your review of Conservation Reserve Program lands crossed by the construction work area. Please see the attached document for the proposed seed-mixes and additional background information.

Your time and assistance is greatly appreciated. Please feel free to reach out if you have any questions.

Best,

**Destiny D. Kerr**

*(she/her)*

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



**ERM** *The business of sustainability*

---

This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at (617) 646-7800 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

---

This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at (617) 646-7800 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

## Destiny Kerr

---

**From:** Destiny Kerr  
**Sent:** Friday, January 14, 2022 4:42 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND  
**Cc:** Larry Brown; jill.linn@WBIEnergy.com; Robbyn.Reukauf@WBIEnergy.com; Maggie Suter; Lisa DiNicolantonio  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Good afternoon Courtney,

I am following up on this request for your review of Conservation Reserve Program lands crossed by the Wahpeton Expansion Project construction work area. Please feel free to reach out if you need any additional information.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
**T** +1 (401) 415-9610 | **M** 918-314-1833  
**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Destiny Kerr  
**Sent:** Friday, December 17, 2021 5:11 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <courtney.apperson@usda.gov>  
**Cc:** Larry Brown <Larry.Brown@erm.com>; jill.linn@WBIEnergy.com; Robbyn.Reukauf@WBIEnergy.com; Maggie Suter <Maggie.Suter@erm.com>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Hi Courtney,

Thank you again for your assistance with this review. Please see the attached table and reach out if you need additional information.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
**T** +1 (401) 415-9610 | **M** 918-314-1833  
**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.*

*Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Destiny Kerr  
**Sent:** Thursday, December 16, 2021 4:29 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

Hi Courtney,

Thank you for your quick response. We will send a file with the section-township-range as soon as possible.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
T +1 (401) 415-9610 | M 918-314-1833  
E [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | W [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>  
**Sent:** Thursday, December 16, 2021 3:32 PM  
**To:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Cass County

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

I believe I will be able to assist you, but I do need more specific information on the location of the proposed pipeline. I cannot tell from the map provided what farms will be affected by this pipeline. Please provide me with the specific section-township-range of the proposed pipeline.



Thank you,

**Courtney Apperson**

County Executive Director  
Cass County FSA Office  
1665 43<sup>rd</sup> St SW, Ste 103  
Fargo, ND 58103-3319  
Phone: (701) 282-2157  
Fax: (701)282-9203  
Office email: [NDFARGO-fsa@usda.gov](mailto:NDFARGO-fsa@usda.gov)

Acting County Executive Director  
Traill County FSA Office  
PO Box 250  
Hillsboro, ND 58045  
Phone: (701)436-5101  
Fax: (855)813-6656  
Office email: [NDhillsbor-fsa@one.usda.gov](mailto:NDhillsbor-fsa@one.usda.gov)

Please sign up for Text messages: With heavy workload in the county office we are suggesting that you sign up for Text Messages to keep current on upcoming deadlines and new programs that you may qualify for.

To sign up:

Text: NDCASS to FSANOW(372-669) for Cass County updates and NDTRAILL to FSANOW(372-669) for Traill County updates.

*Stay Connected with USDA:*



*USDA is an equal opportunity provider, employer and lender.*

**NOTICE:** This electronic mail message and any attached files are confidential. The information is exclusively for the use of the individual or entity intended as the recipient. If you are not the intended recipient, any use, copying, printing, reviewing, retention, disclosure, distribution or forwarding of the message or any attached file is not authorized and is strictly prohibited. If you have received this electronic mail message in error, please advise the sender by reply electronic mail immediately and permanently delete the original transmission, any attachments and any copies of this message from your computer system.

---

**From:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Sent:** Thursday, December 16, 2021 1:32 PM  
**To:** Apperson, Courtney - FPAC-FSA, Fargo, ND <[courtney.apperson@usda.gov](mailto:courtney.apperson@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** [External Email]WBI Energy FSA Review - Cass County

[External Email]

If this message comes from an **unexpected sender** or references a **vague/unexpected topic**;

Use caution before clicking links or opening attachments.

Please send any concerns or suspicious messages to: [Spam.Abuse@usda.gov](mailto:Spam.Abuse@usda.gov)

Good afternoon Courtney Apperson,

ERM is preparing environmental review documents on behalf of WBI Energy Transmission, Inc. for a development project affecting land in Cass County, ND. We respectfully request your review of Conservation Reserve Program lands crossed by the construction work area. Please see the attached document for the proposed seed-mixes and additional background information.

Your time and assistance is greatly appreciated. Please feel free to reach out if you have any questions.

Best,  
**Destiny D. Kerr**  
(she/her)

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



---

This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at (617) 646-7800 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.



WBI ENERGY TRANSMISSION, INC.  
2010 Montana Avenue  
Glendive, MT 593330  
(800) 437-4630  
www.wbienergy.com

16 December 2021

*Transmitted By Email*

Courtney Apperson  
County Executive Director  
Cass County Farm Service Agency  
1665 43rd Street South  
Fargo, North Dakota 58103  
courtney.apperson@usda.gov

Subject: WBI Energy Transmission, Inc.  
Proposed Wahpeton Expansion Project  
Request for Information on Projects in the Vicinity

Dear Ms. Apperson,

WBI Energy Transmission, Inc. (WBI Energy) operates an interstate natural gas transmission pipeline system in the Northern Plains and is proposing to expand its system in southeastern North Dakota. The proposed Wahpeton Expansion Project (Project) will involve constructing approximately 60 miles of 12-inch diameter natural gas pipeline from WBI Energy's existing Mapleton Compressor Station near Mapleton, North Dakota, to a new delivery station near Wahpeton, North Dakota. The Project will also include minor modifications at the Mapleton Compressor Station and two new delivery stations, one near Kindred, North Dakota and (as previously mentioned) one near Wahpeton. The enclosed map shows the preliminary proposed pipeline route and locations of project facilities.

The Federal Energy Regulatory Commission (FERC) is the lead federal agency responsible for the review of the Project. ERM-West, Inc. (ERM) is assisting WBI Energy with assessing the potential environmental impacts of the Project for the FERC application. This assessment will include a discussion on land use and conservation areas in the vicinity of the Project.

We are requesting your assistance in identifying Conservation Reserve Program lands within the vicinity of the Wahpeton Expansion Project that should be considered in our assessment. Information regarding the timing of these projects and maps or other locational information that would allow us to graphically display the locations of these projects relative to the Wahpeton Expansion Project would also be appreciated.

Thank you for your assistance with this matter. Receiving your responses within 30 days or by January 14, 2022 will allow WBI Energy to maintain the project schedule. If you need more detailed information about the Project route or have questions, I can be reached at (406)-359-7332 or via email at [jill.linn@wbienergy.com](mailto:jill.linn@wbienergy.com). If I am unavailable, you can also contact Maggie Suter from ERM by telephone at (410) 972-4125 or via email at [maggie.suter@erm.com](mailto:maggie.suter@erm.com).

Sincerely,



Jill Linn  
Environmental Manager  
WBI Energy Transmission, Inc.

Enclosures: Project Overview Map

cc: Robbyn Reukauf, WBI Energy  
Maggie Suter, ERM

## Destiny Kerr

---

**From:** Destiny Kerr  
**Sent:** Friday, January 14, 2022 4:40 PM  
**To:** Bailey, Hannah - FPAC-FSA, Wahpeton, ND  
**Cc:** Larry Brown; jill.linn@WBIEnergy.com; Robbyn.Reukauf@WBIEnergy.com; Maggie Suter; Lisa DiNicolantonio  
**Subject:** RE: [External Email]WBI Energy FSA Review - Richland County

Good afternoon Hannah,

I am following up on this request for your review of Conservation Reserve Program lands crossed by the Wahpeton Expansion Project construction work area. Please feel free to reach out if you need any additional information.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
**T** +1 (401) 415-9610 | **M** 918-314-1833  
**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Bailey, Hannah - FPAC-FSA, Wahpeton, ND <Hannah.Bailey@usda.gov>  
**Sent:** Monday, January 3, 2022 12:16 PM  
**To:** Destiny Kerr <Destiny.Kerr@erm.com>  
**Cc:** Larry Brown <Larry.Brown@erm.com>; jill.linn@WBIEnergy.com; Robbyn.Reukauf@WBIEnergy.com; Maggie Suter <Maggie.Suter@erm.com>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Richland County

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Destiny,

Thank you for the list. We will work on this as we can. We are extremely short-staffed currently, but are working hard to keep up.

Have a wonderful New Year!

Best Regards,

*Hannah Bailey, MS, PAS*

County Executive Director  
Richland County, ND



North Dakota Farm Service Agency  
1687 Bypass Road  
Wahpeton, ND 58075  
Phone: 701-642-9231

TEXT **ndrichland** to **372-669 (FSANOW)** for county text message updates!

*USDA is an equal opportunity provider, employer and lender.*

---

**From:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Sent:** Friday, December 17, 2021 4:11 PM  
**To:** Bailey, Hannah - FPAC-FSA, Wahpeton, ND <[Hannah.Bailey@usda.gov](mailto:Hannah.Bailey@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** RE: [External Email]WBI Energy FSA Review - Richland County

Hi Hannah,

Thank you again for your assistance with this review. Please see the attached table and reach out if you need additional information.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
T +1 (401) 415-9610 | M 918-314-1833  
E [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | W [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Destiny Kerr  
**Sent:** Thursday, December 16, 2021 4:29 PM  
**To:** 'Bailey, Hannah - FPAC-FSA, Wahpeton, ND' <[Hannah.Bailey@usda.gov](mailto:Hannah.Bailey@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter

<[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>

**Subject:** RE: [External Email]WBI Energy FSA Review - Richland County

Hi Hannah,

Thank you for your quick response. We will send a file with the section-township-range as soon as possible.

Best,

**Destiny D. Kerr**

*(she/her)*

Consultant II, Scientist

**ERM**

**T** +1 (401) 415-9610 | **M** 918-314-1833

**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.*

*Do not feel obligated to respond to this message immediately upon receipt.*



---

**From:** Bailey, Hannah - FPAC-FSA, Wahpeton, ND <[Hannah.Bailey@usda.gov](mailto:Hannah.Bailey@usda.gov)>

**Sent:** Thursday, December 16, 2021 3:29 PM

**To:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>

**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>

**Subject:** RE: [External Email]WBI Energy FSA Review - Richland County

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Destiny,

I believe this is something we may be able to help you with. However, in order to do this we need some more information. The map supplied is a little vague and it would be extremely hard to determine whether or not the pipe is going to go through CRP. Could you please supply us with some maps including the legal descriptions of the areas (i.e. section-township-range).

Thank you and have a great day!

Best Regards,

*Hannah Bailey, MS, PAS*

**County Executive Director  
Richland County, ND**



**North Dakota Farm Service Agency**

1687 Bypass Road  
Wahpeton, ND 58075  
Phone: 701-642-9231

TEXT **ndrichland** to **372-669 (FSANOW)** for county text message updates!

*USDA is an equal opportunity provider, employer and lender.*

---

**From:** Destiny Kerr <[Destiny.Kerr@erm.com](mailto:Destiny.Kerr@erm.com)>  
**Sent:** Thursday, December 16, 2021 1:33 PM  
**To:** Bailey, Hannah - FPAC-FSA, Wahpeton, ND <[Hannah.Bailey@usda.gov](mailto:Hannah.Bailey@usda.gov)>  
**Cc:** Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>; [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Maggie Suter <[Maggie.Suter@erm.com](mailto:Maggie.Suter@erm.com)>  
**Subject:** [External Email]WBI Energy FSA Review - Richland County

[External Email]  
If this message comes from an **unexpected sender** or references a **vague/unexpected topic**;  
Use caution before clicking links or opening attachments.  
Please send any concerns or suspicious messages to: [Spam.Abuse@usda.gov](mailto:Spam.Abuse@usda.gov)

Good afternoon Hannah Bailey,

ERM is preparing environmental review documents on behalf of WBI Energy Transmission, Inc. for a development project affecting land in Richland County, ND. We respectfully request your review of Conservation Reserve Program lands crossed by the construction work area. Please see the attached document for the proposed seed-mixes and additional background information.

Your time and assistance is greatly appreciated. Please feel free to reach out if you have any questions.

Best,  
**Destiny D. Kerr**  
*(she/her)*  
Consultant II, Scientist

**ERM**  
**T** +1 (401) 415-9610 | **M** 918-314-1833  
**E** [destiny.kerr@erm.com](mailto:destiny.kerr@erm.com) | **W** [www.erm.com](http://www.erm.com)

*Please note my working hours may not be the same as yours.  
Do not feel obligated to respond to this message immediately upon receipt.*





---

This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at (617) 646-7800 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

---

This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at (617) 646-7800 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)



WBI ENERGY TRANSMISSION, INC.  
2010 Montana Avenue  
Glendive, MT 593330  
(800) 437-4630  
www.wbienergy.com

16 December 2021

*Transmitted By Email*

Hannah Bailey  
County Executive Director  
Richland County Farm Service Agency  
1687 Bypass Rd  
Wahpeton, North Dakota 58075-3107  
hannah.bailey@usda.gov

Subject: WBI Energy Transmission, Inc.  
Proposed Wahpeton Expansion Project  
Request for Information on Projects in the Vicinity

Dear Ms. Bailey,

WBI Energy Transmission, Inc. (WBI Energy) operates an interstate natural gas transmission pipeline system in the Northern Plains and is proposing to expand its system in southeastern North Dakota. The proposed Wahpeton Expansion Project (Project) will involve constructing approximately 60 miles of 12-inch diameter natural gas pipeline from WBI Energy's existing Mapleton Compressor Station near Mapleton, North Dakota, to a new delivery station near Wahpeton, North Dakota. The Project will also include minor modifications at the Mapleton Compressor Station and two new delivery stations, one near Kindred, North Dakota and (as previously mentioned) one near Wahpeton. The enclosed map shows the preliminary proposed pipeline route and locations of project facilities.

The Federal Energy Regulatory Commission (FERC) is the lead federal agency responsible for the review of the Project. ERM-West, Inc. (ERM) is assisting WBI Energy with assessing the potential environmental impacts of the Project for the FERC application. This assessment will include a discussion on land use and conservation areas in the vicinity of the Project.

We are requesting your assistance in identifying Conservation Reserve Program lands within the vicinity of the Wahpeton Expansion Project that should be considered in our assessment. Information regarding the timing of these projects and maps or other locational information that would allow us to graphically display the locations of these projects relative to the Wahpeton Expansion Project would also be appreciated.

Thank you for your assistance with this matter. Receiving your responses within 30 days or by January 14, 2022 will allow WBI Energy to maintain the project schedule. If you need more detailed information about the Project route or have questions, I can be reached at (406)-359-7332 or via email at [jill.linn@wbienergy.com](mailto:jill.linn@wbienergy.com). If I am unavailable, you can also contact Maggie Suter from ERM by telephone at (410) 972-4125 or via email at [maggie.suter@erm.com](mailto:maggie.suter@erm.com).

Sincerely,



Jill Linn  
Environmental Manager  
WBI Energy Transmission, Inc.

Enclosures: Project Overview Map

cc: Robbyn Reukauf, WBI Energy  
Maggie Suter, ERM

**From:** [Dirk, Christine](#)  
**To:** [Leslie Rodman-Jaramillo](#)  
**Cc:** [Becky Moores](#)  
**Subject:** RE: Response Letter for WBI Wahpeton Project  
**Date:** Friday, December 17, 2021 12:40:25 PM  
**Attachments:** [ERM\\_NDPRD\\_R21-03.zip](#)

---

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please find the requested data attached. It is our policy to require the recipient of an electronic data transfer and/or spatial data transfer to sign an agreement for the release of data. Please read through the attached agreement and send a signed version to our office. Upon receipt the NDNHI coordinator will also sign the agreement. A copy of this finalized version will be sent to your office for your records.

**Christine Dirk**

*GIS Specialist*

701.328.5368 • [parkrec.nd.gov](http://parkrec.nd.gov)



---

**From:** Leslie Rodman-Jaramillo <[leslie.rodmanjaramillo@erm.com](mailto:leslie.rodmanjaramillo@erm.com)>  
**Sent:** Tuesday, December 14, 2021 6:16 PM  
**To:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

**\*\*\*\*\* CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. **\*\*\*\*\***

Hi Chris,

Sounds good, please keep me posted.

Thanks.

Leslie Rodman-Jaramillo  
Senior Consultant, Scientist  
*Pronouns: she/her/hers*  
ERM  
M +1 503 984 6609

---

**From:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Sent:** Monday, December 13, 2021 6:29 AM  
**To:** Leslie Rodman-Jaramillo <[leslie.rodmanjaramillo@erm.com](mailto:leslie.rodmanjaramillo@erm.com)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Leslie,

I will be working on this request today and will try to get it done by day's end.

Chris

**Christine Dirk**

*GIS Specialist*

701.328.5368 • [parkrec.nd.gov](http://parkrec.nd.gov)



---

**From:** Leslie Rodman-Jaramillo <[leslie.rodmanjaramillo@erm.com](mailto:leslie.rodmanjaramillo@erm.com)>  
**Sent:** Monday, November 15, 2021 3:31 PM  
**To:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Cc:** Lauren Rosenkranz <[Lauren.Rosenkranz@erm.com](mailto:Lauren.Rosenkranz@erm.com)>; Becky Moores <[Becky.Moores@erm.com](mailto:Becky.Moores@erm.com)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Hello Chris,

As promised in my voicemail left today (11/15), I'm following up on our shapefile (section 6(f) lands and NHI data) request and providing you with my contact information.

Please let me know if you have additional questions.

Thank you,  
Leslie

Leslie Rodman-Jaramillo  
Senior Consultant, Scientist  
*Pronouns: she/her/hers*  
**ERM**  
**M +1 503 984 6609**

---

**From:** Becky Moores <[Becky.Moores@erm.com](mailto:Becky.Moores@erm.com)>  
**Sent:** Monday, November 8, 2021 11:44 AM  
**To:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Cc:** Leslie Rodman-Jaramillo <[leslie.rodmanjaramillo@erm.com](mailto:leslie.rodmanjaramillo@erm.com)>; Lauren Rosenkranz <[Lauren.Rosenkranz@erm.com](mailto:Lauren.Rosenkranz@erm.com)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

Hello Christine,

Following up on this request to see if you can provide shapefiles for the properties, section 6(f) lands, and the Natural Heritage inventory data.

Thank you,

Becky Moores

**ERM**  
**M 303 919 6735**

---

**From:** Becky Moores  
**Sent:** Friday, October 29, 2021 2:03 PM  
**To:** 'Dirk, Christine' <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Cc:** Lauren Rosenkranz <[Lauren.Rosenkranz@erm.com](mailto:Lauren.Rosenkranz@erm.com)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

Hi Christine,

Looks like your firewall blocked my email with a zip file in it, so I have attached the individual files for the shapefile for the current route. It is still fluctuating a bit, but seeing any data you can provide may help in the final siting and/or early mitigation planning, if needed.

Thank you,

Becky Moores

**ERM**  
**M** 303 919 6735

---

**From:** Becky Moores  
**Sent:** Friday, October 29, 2021 1:59 PM  
**To:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Cc:** Lauren Rosenkranz <[Lauren.Rosenkranz@erm.com](mailto:Lauren.Rosenkranz@erm.com)>  
**Subject:** RE: Response Letter for WBI Wahpeton Project

Hi Christine,

Attached is the current route. It is still fluctuating a bit, but seeing any data you can provide may help in the final siting and/or early mitigation planning, if needed.

Thank you,

Becky Moores

**ERM**  
**M** 303 919 6735

---

**From:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Sent:** Friday, October 22, 2021 2:02 PM  
**To:** Becky Moores <[Becky.Moores@erm.com](mailto:Becky.Moores@erm.com)>  
**Subject:** FW: Response Letter for WBI Wahpeton Project

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Could you provide a project boundary shapefile or geodatabase file? The project boundary I used in the initial request was just a guess on my part based on the paper map. Thanks.

Chris

**Christine Dirk**  
*GIS Specialist*

701.328.5368 • [parkrec.nd.gov](http://parkrec.nd.gov)

---

**From:** Duttonhefner, Kathleen G. <[kgduttonhefner@nd.gov](mailto:kgduttonhefner@nd.gov)>  
**Sent:** Tuesday, October 12, 2021 7:15 AM  
**To:** Dirk, Christine <[cdirk@nd.gov](mailto:cdirk@nd.gov)>  
**Subject:** FW: Response Letter for WBI Wahpeton Project

See request below

Kathy D

---

**From:** Becky Moores <[Becky.Moores@erm.com](mailto:Becky.Moores@erm.com)>  
**Sent:** Monday, October 11, 2021 4:16 PM  
**To:** Duttonhefner, Kathleen G. <[kgduttonhefner@nd.gov](mailto:kgduttonhefner@nd.gov)>  
**Subject:** Response Letter for WBI Wahpeton Project

\*\*\*\*\* **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. \*\*\*\*\*

Hello Kathy,

I am reaching out to you in regards to the letter your department provided in response to the WBI Wahpeton Expansion Project. I wanted to see if you would be able to provide shapefiles or other spatial files for the properties, section 6(f) lands, and the Natural Heritage inventory data in the map that was included with the letter. We would like to incorporate this information into our project GIS system for planning and permitting purposes.

Thank you,

Becky Moores  
*Principal Consultant*

**ERM**  
1 Ninth Street Island Drive | Livingston, Montana | 59047  
**M** 303 919 6735  
**E** [becky.moores@erm.com](mailto:becky.moores@erm.com) | **W** [www.erm.com](http://www.erm.com)



This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

---

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

---

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

October 6, 2021

Jill Linn  
WBI Energy Transmission, Inc.  
2010 Montana Ave.  
Glendive, MT 59330

Re: WBI Energy Transmission – Proposed Wahpeton Expansion Project, Cass and Richland Counties

Dear Ms. Linn,

The North Dakota Parks and Recreation Department (NDPRD) has reviewed the above-referenced proposed Wahpeton Expansion Project in Cass and Richland Counties, North Dakota. NDPRD's scope of authority and expertise covers properties that NDPRD owns, leases, or manages; properties protected under Section 6(f) of the Land and Water Conservation Fund (LWCF); rare plants and ecological communities established through the Natural Heritage Program.

The project does not appear to affect properties that NDPRD owns, leases, or manages. The project may affect any properties protected under Section 6(f) of the LWCF.

Several Land and Water Conservation Fund project has been identified near the proposed project's vicinity. Attached is a map identifying the approximate locations. Properties that have received funding from the LWCF program have a designated 6(f) property boundary that carries restrictions on modifications to the property, including but not limited to utilities or any divesture of land. For additional information regarding LWCF properties, don't hesitate to contact Char Langehaug, ND Parks and Recreations Department's Grants Coordinator, at [cbinstock@nd.gov](mailto:cbinstock@nd.gov) or 701-328-5364.

A query of the North Dakota Natural Heritage biological conservation database determines if any current or historical plant or animal species of concern or other significant ecological communities are known to occur within an approximate one-mile radius of the project area. Based on this review, we have known rare species or significant ecological communities documented within or immediately adjacent to the project site. Attached is a map identifying the approximate locations.

We appreciate your commitment to rare plant, animal, and ecological community conservation, management, and inter-agency cooperation to date. For additional information, please get in touch with Natural Resources Coordinator Kathy Duttenhefner at 701-328-5370, 701-220-3377 (cell), or [kgduttenhefner@nd.gov](mailto:kgduttenhefner@nd.gov).

Thank you for the opportunity to comment on the proposed project.

Sincerely,



Kathy Duttenhefner, Coordinator/Biologist II  
Natural Resources Division

1600 East Century Ave. Ste. 3 | Bismarck, ND 58503

PHONE: 701-328-5357 | FAX: 701-328-5363 | EMAIL: [parkrec@nd.gov](mailto:parkrec@nd.gov) | WEBSITE: [www.parkrec.nd.gov](http://www.parkrec.nd.gov)



North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
Andropogon gerardii - (panicum virgatum) northern tallgrass prairie	Wet-mesic Tallgrass Prairie	S1	GNR		136N050W - 27	Richland	1991-07-31		S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		134N050W - 01	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 01	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 04; 136N050W - 33; 135N050W - 05; 136N050W - 32; 135N050W - 03; 135N050W - 02; 136N050W - 34	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 11	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 11; 135N050W - 02; 135N050W - 12; 135N050W - 10; 135N050W - 01	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 12	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 24; 135N050W - 13	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		135N050W - 24; 135N050W - 14; 135N050W - 23; 135N050W - 13	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		136N050W - 19	Richland	1997	Very High	S
Andropogon gerardii - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		136N050W - 21	Richland	1997	Very High	S
Asclepias sullivantii	Sullivant's Milkweed	S2	G5		137N050W - 29; 137N050W - 28; 137N050W - 21; 137N050W - 32; 137N050W - 30; 137N050W - 33; 137N050W - 20; 136N050W - 06; 137N050W - 19; 136N050W - 05; 136N051W - 01; 137N050W - 31	Cass, Richland	1942-08-04		M
Asclepias sullivantii	Sullivant's Milkweed	S2	G5		137N050W - 29; 137N050W - 33; 137N050W - 31; 137N050W - 34; 136N050W - 05; 137N050W - 27; 137N050W - 20; 136N050W - 06; 137N050W - 30; 137N050W - 32; 137N050W - 21; 137N050W - 28	Cass, Richland	1954-07-15		M
Calamagrostis stricta - carex lanuginosa wet meadow	Northern Reedgrass Wet Meadow	S2S3	GNR		135N050W - 11	Richland	1997	Very High	S
Calamagrostis stricta - carex lanuginosa wet meadow	Northern Reedgrass Wet Meadow	S2S3	GNR		135N050W - 13; 135N050W - 24	Richland	1997	Very High	S
Calamagrostis stricta - carex lanuginosa wet meadow	Northern Reedgrass Wet Meadow	S2S3	GNR		135N050W - 14; 135N050W - 13	Richland	1997	Very High	S
Calamagrostis stricta - carex lanuginosa wet meadow	Northern Reedgrass Wet Meadow	S2S3	GNR		136N050W - 33; 135N050W - 02; 136N050W - 34	Richland	1997	Very High	S
Calamovilfa longifolia/andropogon halii sand prairie	Sand Mixed Grass Prairie	S2	GNR		135N050W - 01	Richland	1997	Very High	S
Calamovilfa longifolia/andropogon halii sand prairie	Sand Mixed Grass Prairie	S2	GNR		135N050W - 03; 136N050W - 34; 135N050W - 02	Richland	1997	Very High	S

North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
<i>Calamovilfa longifolia</i> /andropogon halii sand prairie	Sand Mixed Grass Prairie	S2	GNR		135N050W - 13	Richland	1997	Very High	S
<i>Carex richardsonii</i>	Richardson's Sedge	S1	G5		135N050W - 12	Richland	1994-08-14		S
<i>Euonymus atropurpureus</i>	Wahoo	S3	G5		136N050W - 05; 136N050W - 29; 136N050W - 18; 136N051W - 02; 136N051W - 27; 137N049W - 30; 136N050W - 28; 136N051W - 36; 136N051W - 26; 136N050W - 02; 137N050W - 11; 137N050W - 07; 136N051W - 04; 136N049W - 07; 136N050W - 16; 136N049W - 06; 136N050W - 17	Cass, Richland	1926-07-04		G
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		135N050W - 04; 135N050W - 05; 136N050W - 33; 136N050W - 32; 136N050W - 34	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		135N050W - 10; 135N050W - 11	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		135N050W - 13; 135N049W - 18	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		135N050W - 14; 135N050W - 13	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		135N050W - 14; 135N050W - 24; 135N050W - 23; 135N050W - 13	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		136N050W - 22; 136N050W - 21; 136N050W - 15; 136N050W - 16	Richland		Very High	
<i>Panicum virgatum</i> -calamogrostis stricta-andropogon gerardii wet mesic prairie	Wet Mesic Tall Grass Prairie, Sand	S2	G3G4		136N050W - 26	Richland		Very High	
<i>Platanthera praeclara</i>	Western Prairie Fringed Orchid	S2	G3	LT	136N050W - 24	Richland	1984-07-15	High	
<i>Polygonum punctatum</i>	Dotted Smartweed	S3	G5		136N050W - 05; 137N050W - 23; 136N051W - 11; 137N051W - 34; 137N050W - 22; 136N051W - 25; 136N051W - 12; 137N050W - 19; 137N050W - 36; 136N051W - 22; 136N050W - 06; 136N051W - 13; 137N050W - 18; 136N050W - 01; 136N050W - 24; 137N051W - 27; 136N050W - 17	Cass, Richland	1934-08-09		G
<i>Schizachyrium scoparium</i> -stipa spartea-bouteloua curtipendula sand prairie	Dry Mesic Tall Grass Prairie, Sand	S2	G2G3		135N050W - 14; 135N050W - 13; 135N050W - 11; 135N050W - 12	Richland	1997-08-13	Very High	S
<i>Schizachyrium scoparium</i> -stipa spartea-bouteloua curtipendula sand prairie	Dry Mesic Tall Grass Prairie, Sand	S2	G2G3		136N050W - 26	Richland	1997-08-13	Very High	S
<i>Solidago riddellii</i>	Riddell's Goldenrod	SH	G5		135N050W - 03; 136N050W - 34; 136N050W - 19; 136N050W - 12; 136N050W - 23; 135N049W - 29; 135N050W - 02; 135N050W - 25; 136N050W - 30; 136N049W - 29; 135N050W - 16; 136N050W - 09; 135N050W - 06; 136N050W - 14; 136N050W - 32; 135N049W - 16; 135N050W - 04	Richland	1961-08-14		G
<i>Spartina pectinata</i> - calamagrostis stricta - carex spp. herbaceous vegetation	Wet Prairie	S2S3	GNR		136N050W - 26	Richland	1997	Very High	S

## Land and Water Conservation Fund Projects

<b><u>Project Name</u></b>	<b><u>Project Number</u></b>
Colfax Park	38-00603
Colfax Park & Pool Improvements	38-01151
Colfax Pool Renovation	38-01081
Dwight Tennis Court	38-01026
Kindred Ball Diamond	38-01132
Kindred Comfort Station	38-00873
Kindred Pool Addition	38-00359
Kindred Pool Bathhouse	38-01067
Kindred Swimming Pool	38-00092
Kindred Swimming Pool	38-01182
Kindred Youth Baseball and ADA	38-01332
Mapleton Park Development	38-00933
Mapleton Playground	38-01213
Walcott Softball	38-01006



WBI ENERGY TRANSMISSION, INC.  
2010 Montana Avenue  
Glendive, MT 59330  
(406) 359-7200  
www.wbienergy.com

September 13, 2021

North Dakota Parks and Recreation Department  
Planning and Natural Resources Division  
1600 E. Century Avenue  
Suite 3  
Bismarck, ND 58503-0649  
(701)-328-5357

Subject: WBI Energy Transmission, Inc.  
Proposed Wahpeton Expansion Project  
Cass and Richland Counties, North Dakota

To Whom it may Concern:

WBI Energy Transmission, Inc. (WBI Energy) operates a natural gas transmission pipeline system in the Northern Plains and is proposing to expand its system in southeastern North Dakota. The Wahpeton Expansion Project will involve constructing approximately 60 miles of 12-inch diameter natural gas pipeline from WBI Energy's existing Mapleton Compressor Station near Mapleton, North Dakota, to a new delivery station near Wahpeton, North Dakota. The project will include minor modifications at the Mapleton Compressor Station and a new delivery station near Kindred, North Dakota. The enclosed map shows the preliminary proposed pipeline route and locations of project facilities.

This project will allow WBI Energy to transport an additional 20.6 million cubic feet of natural gas per day to help meet growing demand for natural gas in southeastern North Dakota. Montana-Dakota Utilities Co., a local distribution company, has engaged WBI Energy to construct this project to fulfill Wahpeton customers' needs for additional uninterrupted natural gas supply and to extend natural gas service to Kindred, at the request of city officials and residents.

The project is regulated by the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act. Under the Energy Policy Act of 2005, FERC is the lead agency for coordinating federal authorizations and complying with the National Environmental Policy Act (NEPA) on natural gas pipeline projects subject to its jurisdiction. WBI Energy plans to submit an application with

the FERC in May 2022 for a Certificate of Public Convenience and Necessity to construct and operate the proposed pipeline and associated facilities. Applications for other federal or state authorizations will be submitted prior to or at approximately the same time as the FERC application, or on timelines defined by the appropriate federal or state regulations. Pending regulatory approvals, WBI Energy anticipates beginning construction in early 2024, with the new facilities in service by November 2024.

WBI Energy plans to file a request with the FERC to use the FERC's pre-filing process for the project. This process will provide agencies, landowners, and other stakeholders the opportunity to work with WBI Energy and the FERC to identify and resolve environmental issues prior to the filing of the Certificate application, which will result in a more efficient regulatory review process. WBI Energy plans to submit its request to use the pre-filing process in late September 2021 and anticipates receiving FERC's approval to use the process in early October 2021. Pending FERC's approval, WBI Energy will also hire and fund a third-party environmental consultant to assist FERC in the preparation of the NEPA document for the project.

WBI Energy has retained Environmental Resources Management (ERM) to provide environmental support services for the project. An ERM representative and/or FERC staff will be in touch with you in the near future to gauge your interest in participating in the pre-filing process, provide additional information, and discuss specific permitting and/or consultation requirements. In the meantime, if you have questions about the project, please contact me at 406-359-7332 or Maggie Suter of ERM at 410-972-4125.

Thank you for your time and assistance with this project.

Sincerely,



Jill Linn  
Environmental Affairs  
WBI Energy Transmission, Inc.

Enclosures: Project Overview Map

cc: Robbyn Reukauf, WBI Energy Transmission, Inc.  
Maggie Suter, ERM



**From:** [Lisa DiNicolantonio](#)  
**To:** [christopher\\_loudenslager@nps.gov](mailto:christopher_loudenslager@nps.gov)  
**Cc:** [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); [Maggie Suter](#); [Larry Brown](#)  
**Subject:** WBI Energy - NPS Review  
**Date:** Thursday, January 27, 2022 9:11:00 AM  
**Attachments:** [NPS Wahpeton Agency Intro Letter 012722.pdf](#)  
[Wahpeton NCNST Images.pdf](#)

---

Good morning Superintendent Loudenslager,

ERM is preparing environmental review documents on behalf of WBI Energy Transmission, Inc. for a development project affecting land in Cass and Richland Counties, ND. We respectfully request your review of the North County National Scenic Trail located near and crossed by the construction work area. Please see the attached documents for images of the crossings and additional background information.

Your time and assistance is greatly appreciated. Please feel free to reach out if you have any questions.

Thanks,  
Lisa

**Lisa DiNicolantonio**  
Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**  
1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204  
T 503.525.8431 | M 925.658.2336  
E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

**From:** [Hendrickson, Kenneth A](#)  
**To:** [Lisa DiNicolantonio](#)  
**Cc:** [Loudenslager, Christopher E](#)  
**Subject:** Wahpeton Expansion Project - Cass and Richland Counties, ND  
**Date:** Thursday, February 10, 2022 9:38:39 AM

---

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ms. DiNicolantonio,

Thank you for sending the information regarding the proposed Wahpeton Expansion Project in Cass and Richland Counties, North Dakota. We are currently reviewing this information with our partners in the North Country Trail Association and local partners that are best positioned to understand any potential impacts to the North Country National Scenic Trail.

After reviewing this information and discussing it with our partners, I anticipate that we will have questions regarding proposed work areas, construction methods, and restoration methods. NPS may also have additional specific concerns related to the North Country National Scenic Trail. Please keep our office on your list of contacts for the pre-filing process. I look forward to discussing this project with you in the future.

Thank you,  
Ken

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



**From:** [Lisa DiNicolantonio](#)  
**To:** [Hendrickson, Kenneth A](#)  
**Subject:** RE: [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND  
**Date:** Tuesday, March 8, 2022 8:19:00 AM

---

Thank you Ken!

Thanks,  
Lisa

**Lisa DiNicolantonio**

Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**

1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204

T 503.525.8431 | M 925.658.2336

E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

---

**From:** Hendrickson, Kenneth A <kenneth\_hendrickson@nps.gov>  
**Sent:** Tuesday, March 8, 2022 8:08 AM  
**To:** Lisa DiNicolantonio <Lisa.DiNicolantonio@erm.com>  
**Subject:** RE: [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Here are the names and emails for our call next week.

Valerie Bader [vbader@northcountrytrail.org](mailto:vbader@northcountrytrail.org);  
Matthew Davis [mdavis@northcountrytrail.org](mailto:mdavis@northcountrytrail.org)  
Jordan, Luke N [Luke\\_Jordan@nps.gov](mailto:Luke_Jordan@nps.gov)  
Liguori, Stephanie L [stephanie\\_liguori@nps.gov](mailto:stephanie_liguori@nps.gov)

Thanks,  
Ken

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



---

**From:** Hendrickson, Kenneth A  
**Sent:** Monday, March 7, 2022 5:51 PM  
**To:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Subject:** RE: [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND

Hi Lisa,

Would you like me to send out a Teams invitation?

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



---

**From:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Sent:** Monday, March 7, 2022 5:45 PM  
**To:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>  
**Subject:** RE: [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND

Hi Ken,

Following up on my earlier note, I confirmed with folks on my side that the time you listed below works for us and am preparing a meeting invitation and agenda.

Can you send me the best email for anyone you would like to include from the North Country Trail Association? I will include them on the meeting invitation.

Thanks,  
Lisa

**Lisa DiNicolantonio**  
Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**

1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204  
T 503.525.8431 | M 925.658.2336  
E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

---

**From:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>  
**Sent:** Friday, March 4, 2022 2:57 PM  
**To:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Subject:** RE: [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

I would like to include our partners from the North Country Trail Association (NCTA) in the call. Unfortunately the first time I can find availability is from 2-4 eastern time on March 15, 2022. Does that work for you?

Thank you,  
Ken Hendrickson

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



---

**From:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Sent:** Friday, March 4, 2022 12:55 PM  
**To:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>  
**Cc:** Loudenslager, Christopher E <[Christopher.Loudenslager@nps.gov](mailto:Christopher.Loudenslager@nps.gov)>  
**Subject:** [EXTERNAL] RE: Wahpeton Expansion Project - Cass and Richland Counties, ND

**This email has been received from outside of DOI - Use caution before clicking on links,**

**opening attachments, or responding.**

Hi Ken,

I just left you a voicemail but wanted to follow up via email as well. We would like to schedule a conference call to discuss WBI Energy's plans and address any questions the NPS may have. We anticipate this call will take 1-2 hours and would like to have it the week of March 7<sup>th</sup> or March 14<sup>th</sup>. Can you please send over some times that you would be available during these weeks so we can get something scheduled?

Thank you,  
Lisa

**Lisa DiNicolantonio**

Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**

1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204

T 503.525.8431 | M 925.658.2336

E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

---

**From:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>

**Sent:** Thursday, February 10, 2022 9:38 AM

**To:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>

**Cc:** Loudenslager, Christopher E <[Christopher\\_Loudenslager@nps.gov](mailto:Christopher_Loudenslager@nps.gov)>

**Subject:** Wahpeton Expansion Project - Cass and Richland Counties, ND

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Ms. DiNicolantonio,

Thank you for sending the information regarding the proposed Wahpeton Expansion Project in Cass and Richland Counties, North Dakota. We are currently reviewing this information with our partners in the North Country Trail Association and local partners that are best positioned to understand any potential impacts to the North Country National Scenic Trail.

After reviewing this information and discussing it with our partners, I anticipate that we will have questions regarding proposed work areas, construction methods, and restoration methods. NPS may also have additional specific concerns related to the North Country National Scenic Trail. Please keep our office on your list of contacts for the pre-filing process. I look forward to discussing this project with you in the future.

Thank you,  
Ken

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



---

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

---

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

## WBI ENERGY WAHPETON EXPANSION PROJECT

### National Park Service (NPS) and North Country Trail Association (NCTA) Consultation Meeting

March 15, 2022

#### Attendees

##### NPS

- Ken Hendrickson – trail manager for NPS, manages trail operations along length of trail; mapping level knowledge of trail.
- Luke Jordan – trail planner for NPS. Coordinates volunteers and projects. Has seen almost every mile of the trail other than reroutes.
- Steph Ligouri – NEPA and compliance specialist for the NPS.

##### NCTA

- Val Bader – Director of Trail Operations with NCTA
- Matt Davis – Regional Trail Coordinator for ND, MN, WI
- Tom Moberg – volunteer based in Fargo, Dakota Prairie Chapter, responsible for eastern 100 miles of trail in ND. Built that section of trail.

##### WBI Energy

- Jill Linn – Environmental Manager
- Robbyn Reukauf – Environmental
- Steve Kelly – Project Manager

##### ERM – WBI Energy’s Environmental Consultant

- Maggie Suter; Larry Brown; Becky Moores; Lisa DiNicolantonio
- Note: WBI Energy is used throughout these notes as a way to indicate comments from both WBI Energy or it consultant ERM.

##### NCNST Trail Information

- Trail length is approximately 4,800 miles.
- NPS and NCTA work together on trail-related issues, and volunteers work on and maintain the trail.
- The town of Abercrombie is now a “trail town” and they take some responsibility for the trail.
- The section of the trail near mileposts (MPs) 35 and 36.8 of the pipeline route is complete, and is located within the Red River Valley and Western Railroad right-of-way, which



(according to the NCTA) extends approximately 75 feet east and west of the railroad tracks. The NCTA's main contact at Red River Valley and Western Railroad is Dan Zink.

- The section of the trail between MPs 42 and 43.4 is located within road rights-of-way.
- Both sections of the trail near the pipeline route are used year round, but less so in the winter months.
- The section of the trail along the railroad is used frequently, and there are scheduled community hikes in this area. Mr. Moberg mentioned migrating monarchs go through the area.
- The trail is less frequently used where it is within road rights-of-way and hikers in these areas walk along the edge of the road.
- There are no trail campsites along the sections of the trail near the pipeline route. The nearest maintained trail campsite is north of Colfax.

### Project Introduction

- WBI Energy provided an overview of the project route, purpose, and schedule.
- WBI Energy described the Federal Energy Regulatory Commission's (FERC) status as the lead federal agency and indicated that it has been approved to use the FERC's pre-filing process in September 2021, and that information about the project can be viewed on FERC's eLibrary website under docket number PF21-4-000.
- WBI Energy provided an overview of the project schedule and indicated that it filed draft environmental resource reports with FERC in March 2022, and plans to file its FERC application in May 2022.
- FERC is planning on preparing an Environmental Impact Statement, which WBI Energy hopes will be completed in early 2023.
- Assuming receipt of all the necessary approvals, WBI Energy stated that it intends to construct the pipeline between April and October 2024 and place the facilities in service in November 2024.

### NPS Review

- The NPS has a regional manager that does energy related projects, but in this case there would not be any NPS permit or authorization that WBI Energy would need from the NPS.
- The NPS will review the draft EIS and may provide comments if there is anything they would like to be addressed in the final EIS.

### Construction Methods and Project Description

- WBI provided an overview of pipeline construction and restoration processes, road crossing methods, and the proposed workspace.
- Using aerial photography, the discussion then focused in on the two areas where the pipeline route is close to the trail and the one location where it crosses the trail, including

the proximity of the proposed workspace to the trail and the existing land uses near the trail.

- The NPS/NCTA indicated that their primary issues/concerns would be communication, access, safety, and visual impacts.
- Mr. Moberg indicated that there are fences along most of the railroad right-of-way where the trail is located and asked how fences are handled.
  - WBI Energy indicated it does not plan to have workspace on the railroad right-of-way and therefore is unlikely construction would impact the existing railroad fence. However, if a fence needs to temporarily removed, a fencing crew would install temporary fencing as necessary. This could include installing a temporary gate during construction if needed; and repairing fences during restoration per land owner agreements.
- The NPS/NCTA representatives indicated they could be concerned about visual impacts if these is any major tree clearing or aboveground facilities near the trail.
  - WBI Energy explained that the pipeline route crosses mostly open and agricultural lands and that minimal tree clearing would be required along the railroad and no clearing would be necessary along the roadways where the trail is nearby. WBI Energy also explained that there are currently no aboveground facilities near the trail between MPs 35 and 36.9 or between MPs 42 and 43.4. The nearest would be a block valve setting at MP 31.3 and a block valve setting and pig launcher/receiver at MP 39.5.
- WBI Energy asked about the accuracy of the publically available GIS layer for the trail.
  - Representative of the NPS/NCTA indicated that the GIS layer of the trail location is accurate.
  - The trail is marked in the field in most areas with small bright blue (blaze blue) carbonite plaques attached to posts. These blue markers may also be attached to telephone poles depending on the trail location.
- NPS – I think the closest the construction will come to the NCNST is where the trail crosses 63rd street. The pipeline construction area will be within 8 feet of the trail at this location. I think there should be a fence between the Trail and the construction zone in this location. However, it might be an area for increased signage to warn trail users about the construction. Signage before and after the construction zone could be helpful. This would be part of the enhanced communication between WBI, NPS, and NCTA. NPS and the NCTA Regional Trail Coordinator (RTC) – Matt Davis, should be included in this communication.
- The proposed workspace is closest to the trail at MP 36.8, where the workspace abuts the railroad right-way. The NPS/NCTA said they want to ensure there is good communication at the time of construction so they can post trail alerts as needed and notify users well in advance. The NPS/NCTA would like to maintain a list of specific locations where close coordination will be required. The NCTA also noted that there is also an access point within WBI Energy’s proposed workspace that the NCTA uses for access to maintain the

trail (this dirt access road is visible in the aerial photography). The NCTA also indicated that there are a few areas near here where there is no railroad fence.

- WBI Energy indicated that it will work with NPS/NCTA to communicate when active construction is planned to occur so trail alerts can be posted. Regarding the access point near MP 36.8, WBI Energy indicated that it could work with the NCTA maintenance staff to coordinate access and minimize disruption.
- Regarding the portions of the trail that are located within roadways such as the areas east of Colfax and near MPs 42 to 43.4, the NPS/NCTA indicated it would prefer to keep the trail off roadways. The NCTA/NPS are still trying to find a better location to put this section. The NCTA asked if the trail could be installed on top of the pipeline easement.
  - WBI Energy said it would be possible if it was just a pedestrian trail, and that while pipelines can cross paved roads and driveways, installing a paved surface linearly on top of the pipeline could result in maintenance and access concerns. WBI Energy will need to further consider this request with its operations team. (However, something that was not discussed at the meeting but should be clarified is that WBI Energy will only have an easement for the pipeline and that any use of WBI Energy's right-of-way for any other use would need to be negotiated between the NPS/NCTA and the landowner).
- The NPS wondered if there are there any security/safety concerns for trail use near active workspaces, and asked if temporary safety fencing will be installed.
  - WBI Energy indicated that temporary safety fencing is not typically installed along the right-of-way, but is sometimes installed in isolated areas during active construction if warranted.
  - The NPS indicated that it might want temporary safety fencing installed where the trail is very close to the construction workspace to keep trail users safe.
- NPS/NCTA requested that would like to have another conversation with all parties just like this if the route shifts at all and would be more impactful to the trail.
  - WBI Energy agreed this would be appropriate.

#### Action Items

- Mr. Hendrickson (NPS) will continue to serve as the main point of contact for this Project moving forward.
- WBI Energy will provide Mr. Hendrickson ShapeFiles of the route or a map set to look at the trail at a micro scale.

**From:** [Hendrickson, Kenneth A](#)  
**To:** [Lisa DiNicolantonio](#)  
**Subject:** RE: [EXTERNAL] Wahpeton Expansion Project - Meeting Follow Up  
**Date:** Wednesday, April 13, 2022 6:34:02 PM

---

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

I'm not sure what happened with that previous email, but yes the Trail is closer to 4800 miles, not 2800. Thank you for asking for that clarification.

Thanks,  
Ken

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K  
Lowell, MI 49331  
(616)-250-3160



---

**From:** Lisa DiNicolantonio <Lisa.DiNicolantonio@erm.com>  
**Sent:** Wednesday, April 13, 2022 8:32 PM  
**To:** Hendrickson, Kenneth A <kenneth\_hendrickson@nps.gov>  
**Subject:** RE: [EXTERNAL] Wahpeton Expansion Project - Meeting Follow Up

Hi Ken,

Can you clarify if the trail is 4,800 miles or 2,800 miles? From my research, I've seen 4,800 miles but your note below says 2,800.

Thanks,  
Lisa

**Lisa DiNicolantonio**  
Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**  
1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204

T 503.525.8431 | M 925.658.2336  
E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

---

**From:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>  
**Sent:** Wednesday, March 30, 2022 11:52 AM  
**To:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Subject:** RE: [EXTERNAL] Wahpeton Expansion Project - Meeting Follow Up

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa,

Thank you for sending the notes and additional mapping.

Some small changes and additional notes:

- The North Country National Scenic Trail is closer to 2800 miles in length. The notes list the Trail as 2500 miles.
- I think the closest the construction will come to the NCNST is where the trail crosses 63<sup>rd</sup> street. The pipeline construction area will be within 8 feet of the trail at this location. I think there should be a fence between the Trail and the construction zone in this location. However, it might be an area for increased signage to warn trail users about the construction. Signage before and after the construction zone could be helpful. This would be part of the enhanced communication between WBI, NPS, and NCTA. NPS and the NCTA Regional Trail Coordinator (RTC) – Matt Davis, should be included in this communication.
- During the call, it was mentioned that landowner agreements are not final. If the pipeline route were to change in a way that put it closer to the NCNST, or included additional crossings, NPS would want to review those change areas and comment.

Thanks again for our meeting and for sending this additional information. Please feel free to contact me if you have any additional questions or need any additional clarification.

Thanks,  
Ken

Ken Hendrickson – Trail Manager  
North Country National Scenic Trail  
National Park Service  
318 East Main Street, Suite K

Lowell, MI 49331  
(616)-250-3160



---

**From:** Lisa DiNicolantonio <[Lisa.DiNicolantonio@erm.com](mailto:Lisa.DiNicolantonio@erm.com)>  
**Sent:** Thursday, March 24, 2022 11:52 AM  
**To:** Hendrickson, Kenneth A <[kenneth\\_hendrickson@nps.gov](mailto:kenneth_hendrickson@nps.gov)>  
**Cc:** [jill.linn@WBIEnergy.com](mailto:jill.linn@WBIEnergy.com); [Robbyn.Reukauf@WBIEnergy.com](mailto:Robbyn.Reukauf@WBIEnergy.com); Larry Brown <[Larry.Brown@erm.com](mailto:Larry.Brown@erm.com)>  
**Subject:** [EXTERNAL] Wahpeton Expansion Project - Meeting Follow Up

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Hi Ken,

Thank you again for the call last week regarding the North Country Scenic National Trail and the proposed Wahpeton Expansion Project. I've attached both a set of meeting notes and ShapeFiles of the project area as we discussed on the call. Please review these notes and provide any input you may have by next Thursday, March 31<sup>st</sup> so we can finalize them.

Let me know if you have any questions.

Thanks,  
Lisa

**Lisa DiNicolantonio**  
Consultant II, Scientist

*Pronouns: she/her/hers*

**ERM**  
1050 SW 6<sup>th</sup> Ave, Suite 1650, Portland, OR 97204  
T 503.525.8431 | M 925.658.2336  
E [lisa.dinicolantonio@erm.com](mailto:lisa.dinicolantonio@erm.com) | W [www.erm.com](http://www.erm.com)

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

---

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (303) 741-5050 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

## **APPENDIX 8D      ROAD AND RAILROAD CROSSINGS**



APPENDIX 8D Wahpeton Expansion Project Road and Railroad Crossings					
Facility/ Milepost	Type	Existing Road Type	Name	Crossing Method	Approximate Crossing Length <sup>a</sup> (feet)
0.7	Road	Paved	35 St SE	Bore	25.1
1.5	Road	Paved	163rd Ave SE	Bore	23.5
2.7	Road	Dirt	164th Ave SE	Bore	13.4
3.7	Road	Dirt	165th Ave SE	Bore	25.8
4.9	Road	Paved	36th St SE	Bore	35.1
5.1	Railroad	N/A	Burlington Northern Santa Fe	Bore	20.8
5.9	Road	Dirt	Local Neighborhood Road, Rural Road	Bore	17.4
5.9	Road	Paved	I-94	Bore	49.5
5.9	Road	Paved	I-94	Bore	53.3
5.9	Road	Paved	37th St SE	Bore	30.1
6.5	Road	Paved	165th Ave SE	Bore	25.7
7.2	Road	Dirt	38th St SE	Bore	23.5
8.2	Road	Dirt	39th St SE	Bore	17.2
8.4	Road	Paved	165th Ave SE	Bore	35.2
9.2	Road	Dirt	40th St SE	Bore	20.3
10.7	Road	Dirt	41st St SE	Bore	40.4
10.7	Road	Dirt	166th Ave SE	Bore	18.2
11.7	Road	Dirt	42nd St SE	Bore	20.4
12.2	Road	Dirt	166th Ave SE	Bore	25.9
12.7	Road	Dirt	43rd St SE	Bore	12.9
13.7	Road	Dirt	44th St SE	Bore	49.4
13.7	Road	Dirt	166th Ave SE	Bore	15.7
14.7	Road	Dirt	45th St SE	Bore	25.7
14.7	Road	Dirt	166th Ave SE	Bore	12.3
15.7	Road	Dirt	46th St SE	Bore	29.8
16.7	Railroad	N/A	Red River Valley and Western	Bore	20.1
16.7	Road	Dirt	47th St SE	Bore	15.6
17.7	Road	Paved	48th St SE	Bore	28.2
18.8	Road	Dirt	49th St SE	Bore	19.3
19.8	Road	Dirt	50th St SE	Bore	17.1
19.8	Road	Dirt	166th Ave SE	Bore	13.4
20.8	Road	Gravel	51st St SE	Bore	14.9
21.8	Road	Dirt	52nd St SE	Bore	30.2
23.3	Road	Dirt	53rd St SE	Bore	20.4
24.7	Road	Paved	54th St SE	Bore	24.9
26.6	Road	Paved	166th Ave SE	Bore	25.6
27.7	Road	Paved	167th Ave SE	Bore	20.2
28.3	Road	Two-track	55th St SE	Bore	8.2

APPENDIX 8D Wahpeton Expansion Project Road and Railroad Crossings					
Facility/ Milepost	Type	Existing Road Type	Name	Crossing Method	Approximate Crossing Length <sup>a</sup> (feet)
29.3	Road	Dirt	Local Neighborhood Road, Rural Road	Bore	19.5
30.3	Road	Dirt	57th St SE	Bore	28.1
31.4	Road	Dirt	58th St SE	Bore	17.8
32.4	Road	Dirt	59th St SE	Bore	16.5
32.6	Road	Two-track	Local Neighborhood Road, Rural Road	Open-cut	12.8
33.4	Road	Paved	60th St SE	Bore	27.6
34.5	Road	Dirt	61st St SE	Open-cut	14.8
35.6	Road	Dirt	62nd St SE	Bore	19.7
36.1	Road	Dirt	168th Ave SE	Bore	39.5
36.2	Road	Dirt	Local Neighborhood Road, Rural Road	Open-cut	24.8
36.8	Road	Dirt	63rd St SE	Bore	21.3
37.5	Road	Dirt	169th Ave SE	Bore	29.4
38.5	Road	Dirt	170th Ave SE	Bore	18.4
40.5	Road	Dirt	171st Ave SE	Bore	20.8
40.9	Road	Paved	I-29	Bore	38.5
41.0	Road	Paved	I-29	Bore	38.5
41.0	Road	Dirt	64th St SE	Bore	36.7
42.4	Road	Paved	65th St SE	Bore	23.6
44.4	Road	Dirt	67th St SE	Bore	24.2
44.4	Road	Dirt	172nd Ave SE	Bore	31.9
45.4	Road	Dirt	68th St SE	Bore	25.3
46.4	Road	Two-track	69th St SE	Bore	12.8
48.0	Road	Dirt	Private Road for service vehicles (logging, oil fields, ranches, etc.)	Bore	22.3
48.3	Road	Dirt	70th St SE	Bore	24.3
48.9	Road	Dirt	173rd Ave SE	Bore	21.7
49.9	Road	Dirt	174th Ave SE	Bore	20.6
51.9	Road	Gravel	176th Ave SE	Bore	21.4
52.9	Road	Dirt	177th Ave SE	Bore	32.8
53.2	Railroad <sup>b</sup>	N/A	Historic - MILW	Open-cut	N/A
54.4	Road	Dirt	71st St SE	Bore	28.7
55.3	Railroad <sup>b</sup>	N/A	Historic - MILW	Open-cut	N/A
55.4	Road	Two-track	72nd St SE	Bore	37.8
56.4	Road	Dirt	73rd St SE	Bore	22.3
57.5	Road	Dirt	74th St SE	Bore	24.3
57.7	Road	Dirt	178th Ave SE	Bore	13.9
58.6	Road	Dirt	179th Ave SE	Bore	25.1
58.9	Railroad <sup>b</sup>	N/A	Historic - MILW	Open-cut	N/A

APPENDIX 8D Wahpeton Expansion Project Road and Railroad Crossings					
Facility/ Milepost	Type	Existing Road Type	Name	Crossing Method	Approximate Crossing Length <sup>a</sup> (feet)
60.1	Road	Paved	180th Ave SE	Bore	68.9
<sup>a</sup>	Crossing Length refers to the Bore Method from pit to pit when the crossing method is bore.				
<sup>b</sup>	Placeholder for railroad crossing information.				