



Resource Report 8
Land Use, Recreation, and Aesthetics

Permian Basin Expansion Project
FERC Docket No. CP26-____-000

May 2026

RESOURCE REPORT 8 - LAND USE, RECREATION, AND AESTHETICS	
MINIMUM FILING REQUIREMENTS	
INFORMATION	DATA SOURCE
1. Classify and quantify land use affected by: 18 CFR § 380.12(j)(1) a. Pipeline construction and permanent rights-of-way; b. Extra work/staging areas; c. Access roads; d. Pipe and contractor yards; and e. Aboveground facilities.	Sections 8.1 and 8.2
2. Identify by milepost all locations where the pipeline right-of-way would at least partially coincide with existing right-of-way, where it would be adjacent to existing rights-of-way, and where it would be outside of existing right-of-way – 18 CFR § 380.12 (j) (1)	Section 8.1.1
3. Provide detailed typical construction right-of-way cross section diagrams showing information such as widths and relative locations of existing rights-of-way, new permanent right-of-way and temporary construction right-of-way – 18 CFR – § 380.12 (j) (1)	Resource Report 1, Figure 1-7
4. Summarize the total acreage of land affected by construction and operation of the project – 18 CFR § 380.12 (j) (1)	Table 8.1-2
5. Identify by milepost all planned residential or commercial/business development and the timeframe for construction – 19 CFR § 380.12 (j) (4)	Section 8.3.1
6. Identify by milepost special land uses (e.g., maple sugar stands, specialty crops, natural areas, national and state forests, conservation land, etc.) – 18 CFR § 380.12 (j) (4)	Not applicable
7. Identify by beginning milepost and length of crossing all land administered by federal, state, or local agencies, or private conservation organizations – 18 CFR § 380.12 (j) (4)	Section 8.3
8. Identify by milepost all natural, recreational, or scenic areas, and all registered natural landmarks crossed by the project – 18 CFR § 380.12 (j) (4 & 6)	Not applicable
9. Identify all facilities that would be within designated coastal zone management areas – 18 CFR § 380.12 (j) (4)	Not applicable
10. Identify by milepost all residences that would be within 50 feet of the construction right-of-way or extra work area – 18 CFR § 380.12 (j) (5)	Table 8.3.2-1
11. Identify all designated or proposed candidate National or State Wild and Scenic Rivers crossed by the project – 18 CFR – § 380.12 (j) (6)	Not applicable
12. Describe any measures to visually screen aboveground facilities, such as compressor stations – 18 CFR § 380.12 (j) (11)	Section 8.4
13. 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 8.3
ADDITIONAL INFORMATION OFTEN MISSING AND RESULTING IN DATA REQUESTS	
Identify all buildings within 50 feet of the construction right-of-way or extra work areas.	Table 8.3.2-1
Describe the management and use of all public lands crossed.	Section 8.3
Provide a list of landowners by milepost or tract number that corresponds to information on alignment sheets.	Resource Report 1, Appendix 1D (filed as CUI//PRIV – DO NOT RELEASE)
Provide a site-specific construction plan for residences within 25 feet of construction or as requested by Federal Energy Regulatory Commission staff.	Not applicable

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Abbreviations and Acronyms

CFR	Code of Federal Regulations
ETWS	extra temporary workspace
FAA	Federal Aviation Administration
FERC	Federal Energy Regulatory Commission
NMSLO	New Mexico State Lands Office
Northern	Northern Natural Gas Company
Plan	FERC Upland Erosion Control, Revegetation, and Maintenance Plan
Procedures	FERC Wetland and Waterbody Construction and Mitigation Procedures
Project	Permian Basin Expansion Project
PD	permanent drive
RBMPUSU	Required Best Management Practices for Surface Users
ROW	right of way
SA	staging areas
Segment 1	NMB26801 Hobbs to SPS Gaines Co. Lateral and TXB92201 Hobbs to SPS Gaines Co. Lateral
Segment 2	NMB26901 Hobbs to Mark West Lateral
TAR	temporary access road
TWS	temporary workspace
USGS	U.S. Geological Survey

8.0 LAND USE, RECREATION, AND AESTHETICS

Northern Natural Gas Company (Northern) owns and operates a natural gas transmission pipeline system and associated aboveground facilities in New Mexico and Texas. Northern is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act, as amended, for its Permian Basin Expansion Project (Project).

The Project includes constructing approximately 15.1 miles of 24-inch-diameter and 1.1 miles of new 16-inch-diameter pipelines, a new International Organization for Standardization-rated 7,700 horsepower compressor station, one interconnect with Transwestern Pipeline Company, LLC within the existing Phillips 66 Linam Ranch Plant, one bi-directional receiver within Northern’s existing launcher facility, replacing a recycle valve at Northern’s Plains compressor station, and one new delivery point for the customer at the Gaines County Generating Station.

In accordance with the FERC regulations at 18 Code of Federal Regulations (CFR) Section 380.12(j), *Resource Report 8 – Land Use, Recreation, and Aesthetics* describes the existing uses of land on, and (where specified) within 0.25 mile of, the proposed project and changes to those land uses that would occur if the Project is approved. The report also discusses proposed mitigation measures, including protection and enhancement of existing land use.

8.1 LAND REQUIREMENTS

Northern identified Project land use impacts via desktop review of the National Land Use Land Cover Database (U.S. Geological Survey [USGS], 2024). Land uses are characterized into three classifications based on vegetative cover or predominant land use within the Project area: agricultural, developed, and open land. Land use categories are defined below.

- agricultural – active farmed cropland, specialty crop production, and areas for livestock grazing;
- developed – manufacturing or industrial plants, mines, commercial facilities, roads, railroads, electric or gas utility stations, and residential areas; and
- open land – upland land including non-forested rangeland, scrub-shrub land, non-agricultural fields, prairie, open land in the early stages of succession, and open developed land.

Table 8.1-1 lists miles and the percentage crossed by the pipeline for each land use category impacted. Table 8.1-2 is a summary of land use acreages affected by construction and operation of the pipeline and aboveground facilities.

Agriculture		Developed		Open Land		Total (miles)	Total Percent
Mile(s)	Percent	Mile(s)	Percent	Mile(s)	Percent		
2.3	14	0.1	1	13.8	85	16.2	100

Project Components	Agricultural		Developed		Open Land		Total ¹	
	Const	Oper	Const	Oper	Const	Oper	Const	Oper
Pipeline Facilities (Segments 1 and 2)								
TWS (Pipeline right of way)	28.0	13.9	0.6	0.3	165.6	82.9	194.2	97.1
ETWS	2.7	-	0.3	-	32.4	-	35.5	-
Access Roads	3.4	-	1.0	-	33.9	-	38.3	-
Staging Areas	0.1	-	0.9	-	51.0	-	52.0	-
Subtotal¹	34.2	13.9	2.8	0.3	283.0	82.9	320.0	97.1
Aboveground Facilities								
Hobbs Compressor Station	-	-	-	-	11.8	5.2	11.8	5.2
Transwestern - Lea County Interconnect	-	-	-	-	1.9	0.4	1.9	0.4
Hobbs-Plains Bi-directional Receiver ²	-	-	-	0.1	-	1.1	-	1.2
Plains Recycle Valve	2.2	0.4	2.6	<0.1	3.5	0.2	8.3	0.6
Gaines County Generating Station	6.9	0.9	-	-	-	-	6.9	0.9
Access Roads	-	-	1.1	0.1	5.7	4.7	6.8	4.8
Subtotal¹	9.1	1.2	3.7	0.2	22.9	11.6	35.7	13.0
PROJECT TOTAL 1	43.3	15.1	6.5	0.5	305.9	94.5	355.7	110.1
¹ Addends may not sum due to rounding. ² Construction workspace associated with the Hobbs-Plains bi-directional receiver is accounted for in the Pipeline Facility construction acreage.								

8.1.1 Pipeline ROW

The new pipeline will be installed within a 100-foot-wide nominal construction corridor, also referred to as temporary workspace (TWS). In addition to the construction corridor, Northern will use existing public roads, extra temporary workspace (ETWS), temporary access roads (TAR), permanent drives (PD), and staging areas (SA) during construction. The proposed Segment 1 pipeline will not be collocated with an existing right of way (ROW). The proposed Segment 2 pipeline will be parallel with the Philips 66 - UGG4 natural gas pipeline between Segment 2 MP 0.07 to 0.97 and will have an offset of 50 feet (centerline to centerline).

8.1.2 Extra Temporary Workspaces, Staging Areas, and Access Roads

Extra temporary workspaces of varying sizes will be required adjacent to the TWS in certain locations. These areas will provide additional workspace for storage and for specialized construction methods such as road crossings; aboveground facility modification; and uprate pressure testing. The ETWSs for the Project total 64.3 acres.

Northern has identified eight SAs that will be used for construction and will primarily impact agricultural land. The SAs are adjacent to the pipeline workspaces. They will be used by the contractor(s) for pipe and equipment storage, staging of crews, and equipment parking. The SAs total 52.0 acres for construction.

A total of 12 TARs (40.2 acres) will be used to provide access to the pipeline construction workspaces. Two new permanent drives (PD [PD01, PD02]) to the Hobbs compressor station and the Transwestern - Lea County interconnect will be constructed, consisting of 4.8 acres of permanent impact. The existing access roads may be improved (see Resource Report 1, Section 1.5.4). Details of land use acreage impacts for ETWSs and SAs required for construction are included in Appendix 8A. Acreage impacts for the access roads and PDs are included in Table 8.1.2-1.

Access to the Project's construction workspaces will be primarily from public and private roads. Northern will build temporary road approaches, also referred to as construction entrances, from existing roads to access the construction workspaces (see Resource Report 1, Table 1.5.4-1). To support heavy equipment, temporary road approaches and TARs will be improved prior to construction. Following construction, Northern will restore temporary access locations to preconstruction conditions unless landowners or land managing agencies request improvements to remain in place.

TARs will vary in width depending on the footprint of existing roads, if present, and the construction equipment used. Additional details of the planned TARs and PDs are provided in Table 8.1.2-1.

Table 8.1.2-1 Temporary Access Roads and Permanent Drives						
Project Components	ID	Length (feet)	Width¹ (feet)	Type	Improvements	Area (acres)
Segment 1						
MP 0.5	TAR01	2,159	50	Existing gravel private drive	Expanded, grading, temporary gravel	2.5
MP 0.9	TAR02	1,099	30	Existing gravel private drive	Expanded, grading, temporary gravel	0.8
MP 1.6	TAR03	1,104	30	Existing gravel private drive	Expanded, grading, temporary gravel	0.8
MP 2.0	TAR04	13,295	50	Existing gravel private drive	Expanded, grading, temporary gravel	15.5
MP 6.5	TAR05	5,265	50	Existing gravel private drive	Expanded, grading, temporary gravel	6.1
MP 7.8	TAR06	5,570	30	Existing gravel private drive	Expanded, grading, temporary gravel	3.8
MP 9.5	TAR07	2,319	30	Existing gravel private drive	Expanded, grading, temporary gravel	1.6
MP 10.0	TAR08	1,391	30	Existing gravel private drive	Expanded, grading, temporary gravel	1.0
MP 10.8	TAR09	2,123	30	Existing gravel private drive	Expanded, grading, temporary gravel	1.0
MP 15.0	TAR10	6,510	30	Existing gravel private drive	Expanded, grading, temporary gravel	4.3
Segment 2						
MP 1.1	TAR11	1,094	30	Existing gravel private drive	Expanded, grading, temporary gravel	0.8
Aboveground Facilities						
Hobbes Compressor Station	PD01	4,707	20-50	New permanent drive	Permanent grading and gravel	4.8
Transwestern - Lea County Interconnect	TAR12	3,979	20	Existing gravel private drive	Expanded, grading, temporary gravel	2.0
Transwestern - Lea County Interconnect	PD02	44	26	New permanent drive	Permanent grading and gravel	<0.1
TOTAL²						45.2
¹ TAR widths represent an average width and may vary based on field conditions with the approval of the environmental inspector. ² Addends may not sum due to rounding.						

8.2 LAND USE IMPACTS AND MITIGATION MEASURES

8.2.1 Agricultural Land

Agriculture is one of the primary land uses impacted by the Project. The cropland crossed by the Project is used for a variety of crops, including alfalfa and winter wheat. The primary impacts on agricultural land during construction will include temporary reductions in agricultural production

in areas of cultivated cropland and potentially reduced yields of future crops. Agricultural land in the construction area generally will be taken out of production for one growing season.

Approximately 28.2 acres of agricultural land will be temporarily impacted by construction of the Project, including TWS, ETWS, staging areas, access roads, and aboveground facilities. Approximately 15.1 acres of agricultural land will be affected by operation and maintenance of the Project; 13.9 acres of which are associated with Segment 1 and 1.2 acres associated with the aboveground facilities.

Agricultural lands will be restored to their former use following construction; therefore, the pipeline construction and operation will not result in a long-term impact on agricultural land. Impacts on prime farmland are discussed in more detail in Resource Report 7, Section 7.2.1. Landowners will be compensated for crop loss resulting from construction, and crops may be planted on top of the new pipeline once land used for construction is restored. To avoid or minimize soil impacts, Northern will employ the erosion and sedimentation control and restoration procedures described in the FERC Upland Erosion Control and Revegetation Plan (Plan) and Wetland and Waterbody Construction and Mitigation Procedures (Procedures) and the Project Stormwater Pollution Prevention Plan. The employed procedures will maintain soil productivity so it is not diminished in agricultural lands by using topsoil segregation measures and alleviating compaction.

No specialty crops, including nurseries, vineyards, orchards, citrus groves, dairies, aquaculture, or tree farms were identified near Project facilities. Specialty crops were reviewed through aerial images, field surveys, and landowner consultation. No noxious weed species were observed within the environmental survey boundary, per the Texas Department of Agriculture Noxious and Invasive Plant List for the sections of the Project located in Texas and the New Mexico Department of Agriculture Noxious Weed List for the sections of the Project located in New Mexico (Texas Department of Agriculture, 2026; New Mexico Department of Agriculture, 2026).

8.2.2 Developed Land

Approximately 6.0 acres of industrial/commercial land will be temporarily impacted by construction of the Project. Approximately 0.5 acre of developed land will be affected by operation and maintenance of the Project, of which approximately 0.3 acre is associated with the pipeline facilities and 0.2 acre is associated with the aboveground facilities.

8.2.3 Open Land

Approximately 211.4 acres of open land, including fallow land or former cropland and/or other disturbed areas, will be temporarily impacted during construction of the Project. Open land also includes mowed areas of mixed weeds and grass along roadsides and existing access roads. Temporary impacts on open lands are expected along the construction corridor due to grading and trenching activities during pipeline installation. The temporary construction corridor and ETWS will be allowed to revert to open land use after completion of construction. Approximately 94.5 acres of open land will be affected by operation and maintenance of the Project, approximately 82.9 acres of which is associated with the pipeline facilities and 11.6 acres are associated with the aboveground facilities.

8.3 PUBLIC LAND, RECREATION, AND OTHER DESIGNATED AREAS

Northern reviewed a 1-mile-radius study area around the Project site for public lands, recreational areas, and other designated or special use areas, including:

- lands administered by federal, state, county, or local agencies, or private conservation organizations;
- lands and trails used for designated recreational purposes;
- local historical or culturally significant lands;
- national and state scenic rivers, and designated scenic areas or roads;
- coastal zone management areas;
- cemeteries, churches, or schools; and
- landfills, hazardous waste sites, quarries, mines, and other special uses.

To assess the Project area for these resources, Northern reviewed USGS topographic maps, aerial photographs, agency databases, and publicly available sources for public lands, recreational sites, and other special-use areas in the Project area.

The Project will cross multiple parcels of state-owned lands in New Mexico (New Mexico State Land Office [NMSLO], 2017) and the Project workspace on these parcels total 121.4 acres, of which 83.1 acres will be used as construction workspace (TWS, ETWS, SA, and TAR), 1.2 acres are existing easement, 2.5 acres are access road, and 34.6 acres are new permanent easement. Table 8.3-1 provides the crossing location of state-owned lands. All of the state-owned lands crossed by or adjacent to the Project are currently leased for either agriculture or oil and gas. Northern has begun coordination with the NMSLO and current lease owners to coordinate construction on these lands.

Table 8.3-1 New Mexico State-owned Land Crossings			
Project Components	Length (feet)	Land Affected During Construction (acres)	Land Affected During Operation (acres)
Segment 1			
MP 0.38 to 1.07	3,655	8.1	3.4
Segment 2			
MP 0.95 to 5.48	23,800	112.8	33.7
MP 7.51 to 8.04	2,780		
Aboveground Facility			
Hobbs-Plains Bi-directional Receiver	N/A	N/A ²	1.2 ³
PROJECT TOTAL ¹	30,235	120.9	38.3

¹ Addends may not sum due to rounding.

² Construction workspace associated with the Hobbs-Plains bi-directional receiver is accounted for in the Segment 2 pipeline facility construction acreage.

Table 8.3-1 New Mexico State-owned Land Crossings			
Project Components	Length (feet)	Land Affected During Construction (acres)	Land Affected During Operation (acres)
³ Operation workspace associated with the Hobbs-Plains bi-directional receiver is within Northern’s existing Hobbs-Plains bi-directional launcher facility’s 1.2-acre permanent easement and will use the existing permanent drive. Note: N/A = Not applicable			

To ensure public safety and the protection of trust resources, NMSLO requires that projects be designed to minimize new surface disturbance and should be in compliance with the Required Best Management Practices for Surface Users (RBMPSU). Northern reviewed the RBMPSU which contains standards and guidelines applicable to the Project during design, construction, reclamation, and maintenance phases of the Project and has designed the Project to adhere to the guidelines to the greatest extent practicable and is working with NMSLO on variances to the guidelines. The Commissioner of Public Lands with NMSLO may also review design plans and may determine whether professional engineering design or construction oversight is necessary. The Commissioner may waive or include any additional specific best management practices as necessary in the best interest of the trust.

The Project is located 0.6 mile southwest of the Lea County Regional Airport at its nearest point to the airport’s runways. Federal Aviation Administration (FAA) Regulation 14 CFR Part 77 indicates that the FAA must be notified of construction activities if any alteration may occur that exceeds a 100:1 surface elevation (or 1 foot height for every 100 feet of distance from the runway), including construction equipment such as cranes, temporary lighting, and construction equipment. Northern’s construction and operation activities are under the FAA’s notification thresholds; therefore, no additional consultation with FAA is required.

The Project will not be located within 0.25 mile of any state or national forest, state or local wildlife management areas, national trails, National Wild and Scenic Rivers, parks, or golf courses. No local historically or culturally significant areas will be affected by the Project; therefore, no impacts will occur on these areas and no specific land use mitigation is required.

The Project is located within the interior of the continental United States and is not located in a designated coastal zone management area; therefore, a coastal zone management consistency determination is not necessary or included in this report. A review of the USGS topographic maps, publicly available resources, and aerial photographs indicated there are no cemeteries, churches, or schools within 0.25 mile of the Project area.

Resource Report 2, Section 2.1.4, Table 2.1.4-1 lists the contaminated sites identified within 1 mile of the Project. While potential sources of contamination are present in the Project area, Northern’s on-site evaluations will confirm that no soil or groundwater contamination is present within Project workspaces. If soil or water contamination is discovered during construction, Northern will implement measures to prevent further contamination and work with appropriate regulatory agencies to determine cleanup requirements.

8.3.1 Planned Residential and Commercial Areas

No planned residential or commercial areas were identified within 0.25 mile of the Project. Records of correspondence with county officials are included in Resource Report 1, Appendix 1C.

8.3.2 Existing Residences and Buildings

The Project is located primarily within open and agricultural lands. One residence and 16 industrial buildings/structures are within 50 feet of the workspace are listed in Table 8.3.2-1. No residences are located within 25 feet of the Project; however, one residence is located 39 feet west of TAR06 near the intersection with Monument Highway.

Project Components/Milepost	Building Type	Distance from Structure to Edge of Workspace (feet)	Distance from Structure to Pipeline Centerline (feet)
Pipeline Facilities			
Segment 1			
MP 6.5 (SA05)	Covered Well	4	Not applicable
MP 7.5 (TAR06)	Residential Structure	39	Not applicable
Aboveground Facilities			
Transwestern-Lea County Interconnect	Facility Mechanical Structure	0	Not applicable
Transwestern-Lea County Interconnect (TAR12)	Commercial/Industrial Building	30	Not applicable
Transwestern-Lea County Interconnect (TAR12)	Commercial/Industrial Building	50	Not applicable
Transwestern-Lea County Interconnect (TAR12)	Commercial/Industrial Building	16	Not applicable
Hobbs-Plains Bi-directional Receiver	Facility Mechanical Structure	40	Not applicable
Hobbs-Plains Bi-directional Receiver	Facility Mechanical Structure	13	Not applicable
Hobbs-Plains Bi-directional Receiver	Facility Mechanical Structure	16	Not applicable
Plains Recycle Valve	Facility Office Building	0	Not applicable
Plains Recycle Valve	Facility Office Building	0	Not applicable
Plains Recycle Valve	Facility Mechanical Structure	0	Not applicable
Plains Recycle Valve	Facility Mechanical Structure	0	Not applicable
Plains Recycle Valve	Facility Mechanical Structure	0	Not applicable

8.4 VISUAL RESOURCES IMPACTS AND MITIGATION MEASURES

Lands within the Project area are relatively flat, with the majority of the land open or used for agricultural production. No special or unique features, designated scenic areas, or viewsheds are located in or near the Project area. Additionally, most of the Project will involve the placement of underground utility lines, which will not impact the viewshed. Permanent aboveground Project facilities are located in or adjacent to industrial sites. Visual impacts pertaining to cultural resources such as historic architecture are discussed in Resource Report 4, Section 4.2.

Due to the small visual footprint of the pipeline facilities and the limited scope of work at existing aboveground facilities, minimal visual impacts will occur in the vicinity of the Project. Remaining visual impacts from the Project will be limited to construction activities. Minimal clearing will be required for pipeline installation and facility development activities.

8.5 REFERENCES

- New Mexico Department of Agriculture. 2026. Noxious Weeds. Available online at <https://nmdeptag.nmsu.edu/apr/noxious-weeds.html#gsc.tab=0>. Accessed February 2026.
- New Mexico State Land Office. 2017. Land Status Map. Available online at <https://mapservice.nmstatelands.org/LandStatus/>. Accessed February 2026.
- Texas Department of Agriculture. 2026. Texas Department of Agriculture Noxious and Invasive Plant List. Available online at <https://texasagriculture.gov/Regulatory-Programs/Plant-Quality/Noxious-and-Invasive-Plants>. Accessed February 2026.
- U.S. Geological Survey. 2024. Annual NLCD Collection 1 Science Products (ver. 1.1, June 2025): U.S. Geological Survey data release, <https://doi.org/10.5066/P94UXNTS>.

APPENDIX 8A

Extra Temporary Workspace and Staging Area Justifications

Appendix 8A Extra Temporary Workspace and Staging Area Justifications

ID	Project Components (Milepost)	Existing Land Use (acre)	Total Area (acre)	Justification
Segment 1				
ETWS01	0	Open	11.8	For construction of the Hobbs Compressor Station
ETWS02	0.1	Open	0.1	Point of Intersect Construction
ETWS03	0.5	Open	0.3	HDD Entry
ETWS04	0.5	Open	0.3	HDD Entry
ETWS05	0.8	Open	0.2	HDD Exit
ETWS06	1.2	Open	0.3	HDD Exit
ETWS07	1.2	Open	0.1	Point of Intersect Construction
ETWS08	1.4	Open	0.4	Point of Intersect Construction
ETWS09	1.5	Developed, Open	0.7	HD Entry/Exit and Tie-In
ETWS10	1.6	Developed, Open	0.4	HD Entry/Exit and Tie-In
ETWS11	1.6	Developed, Open	0.9	HD Entry/Exit and Tie-In
ETWS12	1.7	Open	0.5	Point of Intersect Construction
ETWS13	1.7	Open	0.8	Point of Intersect Construction
ETWS14	2.3	Open	0.1	Foreign Utility Crossing
ETWS15	2.3	Open	0.1	Foreign Utility Crossing
ETWS16	2.8	Open	2.1	Point of Intersect Construction and Foreign Utility Crossing
ETWS17	2.9	Open	2.4	Point of Intersect Construction and Foreign Utility Crossing
ETWS18	4.2	Open	0.9	Point of Intersect Construction and Foreign Utility Crossing
ETWS19	4.2	Open	0.7	Point of Intersect Construction and Foreign Utility Crossing
ETWS20	5	Open	0.2	Point of Intersect Construction
ETWS21	5	Open	0.3	Point of Intersect Construction
ETWS22	5.5	Open	0.3	Point of Intersect Construction
ETWS23	5.5	Open	0.2	Point of Intersect Construction
ETWS24	5.8	Open	0.3	Point of Intersect Construction
ETWS25	5.8	Open	0.2	Point of Intersect Construction
ETWS26	6.4	Open	0.6	Foreign Utility Crossing
ETWS27	6.4	Open	0.6	Foreign Utility Crossing

Appendix 8A Extra Temporary Workspace and Staging Area Justifications

ID	Project Components (Milepost)	Existing Land Use (acre)	Total Area (acre)	Justification
ETWS28	7.2	Open	0.2	Foreign Utility Crossing
ETWS29	7.2	Open	0.2	Foreign Utility Crossing
ETWS30	7.5	Open	0.3	Point of Intersect Construction
ETWS31	7.5	Open	0.1	Point of Intersect Construction
ETWS32	9.1	Open	0.4	Private Drive Crossing, Foreign Utility Crossing
ETWS33	9.1	Open	0.4	Private Drive Crossing, Foreign Utility Crossing
ETWS34	9.6	Open	0.3	HDD Exit
ETWS35	9.6	Open	0.2	HDD Exit
ETWS36	9.8	Open	0.3	HDD Entry
ETWS37	9.8	Open	0.2	HDD Entry
ETWS38	10	Open	0.3	Point of Intersect Construction
ETWS39	10	Open	0.2	Point of Intersect Construction
ETWS40	10.2	Open	0.6	Foreign Utility Crossing
ETWS41	10.2	Open	0.6	Foreign Utility Crossing
ETWS42	7.2	Open	0.6	HDD Exit
ETWS43	10.6	Open	0.2	HDD Exit
ETWS44	10.5	Open	0.6	HDD Entry
ETWS45	10.7	Open	0.3	HDD Entry
ETWS46	10.7	Open	0.4	Point of Intersect Construction
ETWS47	10.7	Open	0.2	Point of Intersect Construction
ETWS48	10.9	Open	0.4	Foreign Utility Crossing
ETWS49	10.9	Open	0.4	Foreign Utility Crossing
ETWS50	11.1	Open	0.5	Point of Intersect Construction and Foreign Utility Crossing
ETWS51	11.1	Open	1.7	Point of Intersect Construction and Foreign Utility Crossing
ETWS52	11.4	Open	2.4	Point of Intersect Construction and Foreign Utility Crossing
ETWS53	11.6	Agriculture	0.5	Foreign Utility Crossing and Private Drive Crossing
ETWS54	11.7	Agriculture	0.5	Foreign Utility Crossing and Private Drive Crossing
ETWS55	12.3	Agriculture	0.5	Point of Intersect Construction

Appendix 8A Extra Temporary Workspace and Staging Area Justifications

ID	Project Components (Milepost)	Existing Land Use (acre)	Total Area (acre)	Justification
ETWS56	12.3	Agriculture	0.9	Point of Intersect Construction
ETWS57	13.1	Open	0.6	Foreign Utility Crossing
ETWS58	13.2	Open	0.6	Foreign Utility Crossing
ETWS59	14.3	Agriculture, Open	0.3	Point of Intersect Construction
ETWS60	14.7	Agriculture, Open	0.1	Point of Intersect Construction
SA01	0.4	Open	8.5	Temporary storage of pipe, equipment, and material
SA02	1.4	Developed, Open	6.1	Temporary storage of pipe, equipment, and material
SA03	2.6	Open	9.2	Temporary storage of pipe, equipment, and material
SA04	2.7	Open	2.1	Temporary storage of pipe, equipment, and material
SA05	6.6	Open	8.3	Temporary storage of pipe, equipment, and material
SA06	7.4	Open	5.9	Temporary storage of pipe, equipment, and material
SA07	10.6	Developed, Open	6.1	Temporary storage of pipe, equipment, and material
SA08	14.4	Agriculture, Open	5.8	Temporary storage of pipe, equipment, and material
Aboveground Facilities				
ETWS 63	Segment 2 MP 1.1 Hobbs-Plains Bi-directional Receiver	Open, Developed	5.2	Construction of Segment 2 and the Hobbs-Plains Bi-directional Receiver
ETWS62	Plains Recycle Valve	Agriculture, Open, Developed	8.3	For construction of the Plains Recycle Valve Site
ETWS64	Transwestern-Lea County Interconnect	Open	1.9	For construction of the Transwestern-Lea County Interconnect
ETWS61	Gaines County Generating Station	Agriculture	6.9	For construction of the Gaines County Generating Station