

Appendix D

Final EIS Plan of Development

TransWest Express Transmission Project

Preliminary
Plan of Development,
Amended from July 2010

Submitted by



Submitted to



Wyoming State Office



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ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
±	plus or minus
AC	alternating current
AC/DC	alternating current/direct current
ACC	Arizona Corporation Commission
ACSR	aluminum conductor steel reinforced
ACSR/TW	Aluminum Conductor Steel Reinforced/Trapezoidal Wire
AEG	Anschutz Entertainment Group
Anschutz	Anschutz Company
ANSI	American National Standards Institute
APLIC	Avian Power Line Interaction Committee
Applicant	TransWest Express LLC, also TransWest
ATV	all terrain vehicles
BA	Biological Assessment
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BMP	Best Management Practices
BO	Biological Opinion
CCR	Code of Colorado Regulations
CDOT	Colorado Department of Transportation
CEQ	Council on Environmental Quality
CFR Part	Code of Federal Regulations, and use Part before the number (e.g., 20 CFR Part 4)
CIC	Compliance Inspection Contractor
COM	Construction, Operation, and Maintenance
CRS	Colorado Revised Statutes
CWA	Clean Water Act
DC	direct current
DEIS	Draft Environmental Impact Statement
DEQ	Department of Environmental Quality
DOE	U.S. Department of Energy
DOT	Department of Transportation
E.O.	Executive Order
ECMP	Environmental Compliance and Monitoring Plan
EHV	extra high voltage
EIS	Environmental Impact Statement
EMF	electromagnetic field
EMM	Environmental Mitigation Measure
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FEIS	Final Environmental Impact Statement
FERC	Federal Energy Regulatory Commission
FLPMA	Federal Land Policy and Management Act of 1976
GHG	Greenhouse Gas
GIS	Geographic Information System
GWh/yr	gigawatt-hours per year
HVDC	high voltage direct current

IEEE	Institute of Electrical and Electronics Engineers
IPP	Intermountain Power Plant
IRA	Inventoried Roadless Areas
IVM	integrative vegetation management
kV	kilovolt
LADWP	Los Angeles Department of Water and Power
LWCF	Land and Water Conservation Fund Act
MW	megawatt
NAC	Nevada Administrative Code
NAGPRA	Native American Graves Protection and Repatriation Act of 1990
NDEP	Nevada Division of Environmental Protection
NEPA	National Environmental Policy Act of 1969
NERC	North American Electric Reliability Corporation
NESC	National Electrical Safety Code
NHPA	National Historic Preservation Act of 1966
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPS	National Park System
NREL	National Renewable Energy Lab
NRS	Nevada Revised Statutes
NTP	Notice to Proceed
OPGW	optical ground wire
OSHA	Occupational Safety and Health Administration
OSLI	Office of State Lands and Investments
PA	Programmatic Agreement
PI	Points of Intersection/Inflection
PL	Public Land
POD	Plan of Development
Project	TransWest Express Transmission Project, also TWE Project
PSC	Public Service Commission
PUC	Public Utility Commission
REC	renewable energy credit
Reclamation	U.S. Bureau of Reclamation
RES	Renewable Energy Standard
ROD	Record of Decision
ROW	right-of-way
RPS	Renewable Portfolio Standards
SB	Senate Bill
SCADA	Supervisory Control and Data Acquisition
SHPO	State Historic Preservation Office
SPCC	Spill Prevention, Containment and Countermeasure
STS	Southern Transmission System
SUA	Special Use Authorization
SWPPP	Stormwater Pollution Prevention Plan
TAC	The Anschutz Corporation
TIP	Transmission Infrastructure Program
TransWest	TransWest Express LLC, also Applicant
TWE Project	TransWest Express Transmission Project, also Project
U.S.C. §	U.S. Code and section number symbol
UCA	Utah Code Annotated
UDOT	Utah Department of Transportation

UHF	ultra-high frequency
USACE	U.S. Army Corps of Engineers
USDA	US Department of Agriculture
USDI	U.S. Department of Interior
USDOT	U.S. Department of Transportation
USFS	United States Forest Service
USFWS	U.S. Fish and Wildlife Service
VHF	very high frequency
WECC	Western Electricity Coordinating Council
Western	Western Area Power Administration
WGA	Western Governors Association
WGFD	Wyoming Game and Fish Department
WSO	work stoppage order
WVEC	West-wide Energy Corridor

1.0 INTRODUCTION

1.1 Project Background

TransWest Express LLC (TransWest or Applicant) proposes to construct, operate and maintain the TransWest Express Transmission Project (TWE Project or Project). The TWE Project is an extra-high voltage (EHV) direct current (DC) transmission system extending from south-central Wyoming to southern Nevada. The TWE Project begins at a northern terminal near Sinclair, Wyoming and terminates at a southern terminal at the Marketplace Hub in the Eldorado Valley near Boulder City, Nevada (Map Exhibit 1). At each of the terminals, there will be an alternating current/direct current (AC/DC) converter station designed to convert the DC current carried by the TWE Project to AC current to be carried on the western United States AC electrical grid (the northern and southern terminals). The TWE Project is planned to interconnect into the 230 kV AC system in Wyoming and the Eldorado Substation, the McCullough Switching Station, the Marketplace Substation and the Mead Substation in Nevada. Western Area Power Administration (Western), a federal power marketing administration within the United States Department of Energy (DOE), has partnered with TransWest in the development of the TWE Project.

Because it is necessary for the TWE Project to cross federal lands, a right-of-way (ROW) application was filed with the Department of the Interior's (USDI) Bureau of Land Management (BLM) in 2007. The application was amended by TransWest in 2008 and again in 2009, 2010, and 2014. To comply with the National Environmental Policy Act of 1969 (NEPA), the BLM and Western are preparing an Environmental Impact Statement (EIS). Public scoping was conducted in 2011. In July 2013, the BLM and Western published the Draft Environmental Impact Statement (DEIS) for the TWE Project. The DEIS analyzed approximately 2,600 miles of Alternatives.

Legend

Project Features

- Applicant Proposed Route
- Agency Preferred Route (from DEIS)
- Applicant Proposed/ Agency Preferred Route
- Alternative Route
- Corridor
- ★ Project Terminal

Administrative Boundaries

- State
- County

Transportation

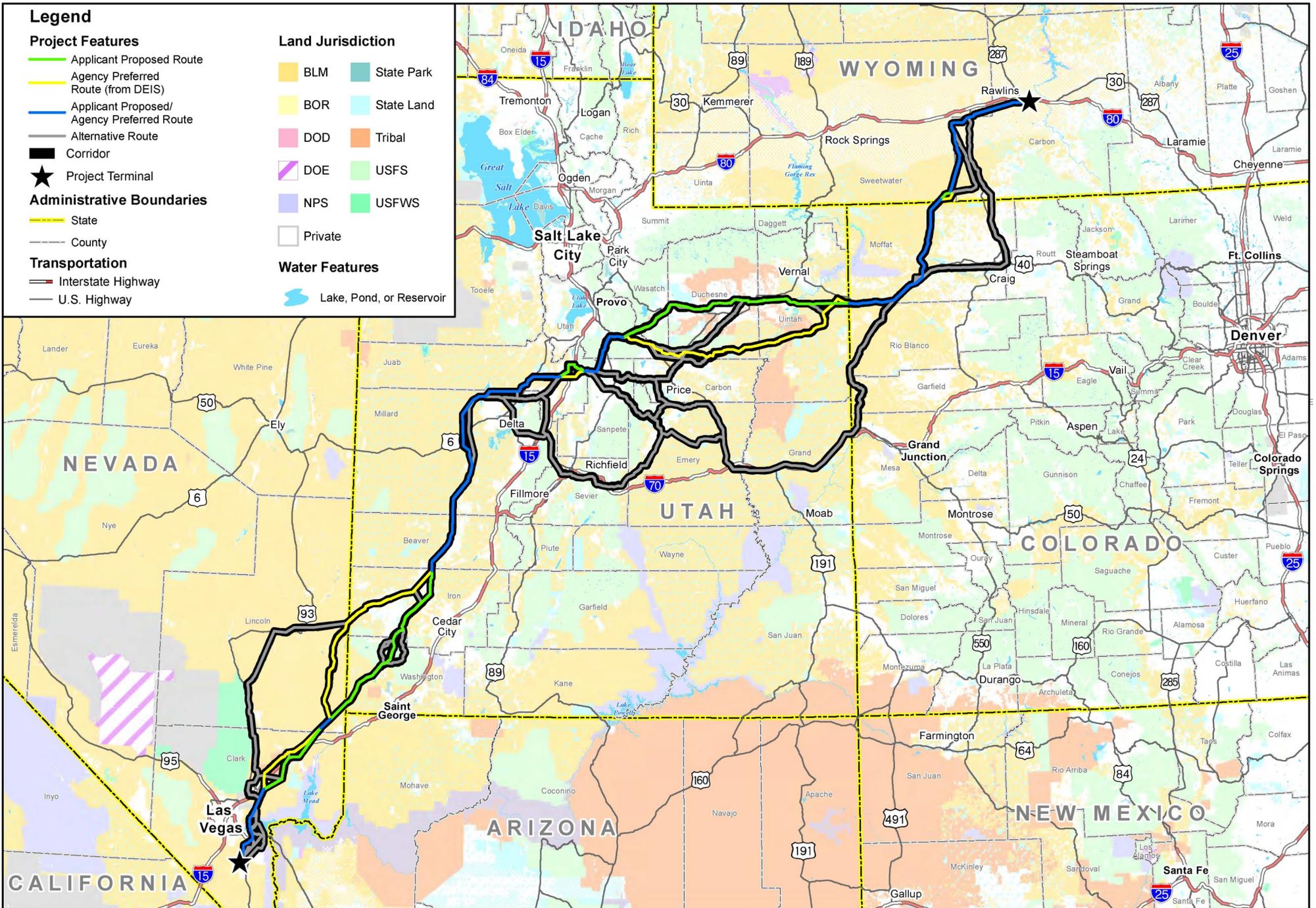
- Interstate Highway
- U.S. Highway

Land Jurisdiction

- | | |
|--|--|
| BLM | State Park |
| BOR | State Land |
| DOD | Tribal |
| DOE | USFS |
| NPS | USFWS |
| Private | |

Water Features

- Lake, Pond, or Reservoir



Map Exhibit 1
 DEIS Routes, Regional Vicinity
 TransWest Express Transmission Project | May 2014





1.2 Project Overview

The TWE Project will entail the construction, operation and maintenance of a ± 600 kilovolt (kV) DC transmission line and two AC/DC converter stations - a Northern AC/DC Converter Station (Northern Terminal) to be located near Sinclair, Wyoming and a Southern AC/DC Converter Station (Southern Terminal) to be located at the Marketplace Hub in the Eldorado Valley, approximately 15 miles south of Boulder City, Clark County, Nevada. The ± 600 kV DC transmission line will provide for a potential interconnection with the Intermountain Power Plant (IPP) transmission system in Millard County, Utah as well. The preliminary cost estimate for the construction of the TWE Project is \$3.0 billion in 2014 dollars. This estimate is based on the Applicant Proposed Alternative and will need to be updated to reflect the Alternative ultimately selected through the NEPA compliance process and upon completion of final engineering design studies. Preliminary cost estimates for operation and maintenance of the TWE Project are on the order of \$25 million per year. The life of the TWE Project is anticipated to be 50 years. Project facilities will be maintained to ensure the safe, reliable operation of the system.

The proposed TWE Project consists of the following components:

- A ± 600 kV DC transmission line between south-central Wyoming and southern Nevada. A 250-foot-wide ROW will generally be required for the ± 600 kV DC transmission line.
- Two terminals for the AC/DC converter stations and related substations, to be located at either end of the ± 600 kV DC transmission line. The proposed TWE Project includes the Northern Terminal near Sinclair, Wyoming, and the Southern Terminal south of Boulder City, Nevada near the Marketplace Hub in the Eldorado Valley, with interconnections to the existing and planned regional alternating current (AC) transmission grid.
- Two independent communications systems, including a dedicated fiber optic network, for command and control of the transmission system. The fiber optic network will require regeneration sites at periodic distances along the ± 600 kV DC transmission line. In most cases, the regeneration sites will be located within the transmission line ROW. The second communication system will use existing private networks. Microwave antennas may be located at the terminals to connect into these private systems.
- Two ground electrode systems, to be located within approximately 100 miles of the terminals. A low voltage overhead line will be needed to connect the ground electrode systems and AC/DC converter stations.
- Access roads to the TWE Project facilities. The TWE Project's proposed Access Road Plan entails making improvements to existing roads, constructing new roads, and using overland access methods for the construction, operation, and maintenance of the TWE Project. Existing roads will be used to the extent feasible
- Temporary work areas will be required during construction of the TWE Project including terminals; ground electrode systems; structures; staging areas; material storage areas; fly yards; pulling, tensioning, and splicing sites; communication and regeneration sites; and batch plants.

1.3 Purpose of the Plan of Development (POD)

A Plan of Development (POD) documents a federal ROW applicant's construction, operation, rehabilitation, and environmental protection plan. See 43 Code of Federal Regulations (CFR) Part 2804.25. The POD is a dynamic document updated as a project progresses through the NEPA review and

analysis process. The purpose of this version of the POD is to support the analysis and publication of the BLM’s Final Environmental Impact Statement (FEIS). An updated POD will be issued with the federal agencies Record of Decision (ROD) for the Project to include additional data such as biological assessments and evaluations and to support additional engineering, micro-siting, contracting and permitting of the Agency Preferred Alternative included in the ROD. Appendix AB provides an example of the mapping to be provided in the ROD POD which will show the initial layout of access roads, temporary work areas, and constraints (e.g., special status species habitat) based on the selected Agency Preferred Alternative. An updated and final POD will be issued with the Project Notice to Proceed (NTP). The NTP POD will include the final project description; final engineered alignment; access road layouts; construction plans; construction practices and procedures; processes and procedures for complying with the ROD and Environmental Compliance and Monitoring Plan (Appendix G); and will be based on field verified segment-specific construction plans including results of surveys. The TWE Project POD development approach is described in detail in the Project Design and Implementation Plan of Development Refinement Process provided in Appendix Y.

The POD for the TWE Project serves many purposes. For the Project, the POD will:

- Provide the Project description and technical information necessary for the federal agencies to conduct required environmental reviews of the Project, including compliance with the NEPA.
- Identify TransWest’s construction plans and specifications, including federal agency stipulations, conditions of approval, environmental requirements and best management practices (BMPs).
- Support the federal agencies ROD for the Project.
- Meet all federal land management agency requirements for issuance of ROW grants or special use authorizations.
- Provide the basis for the federal land management agencies to issue NTPs for construction, operation, and maintenance of the Project. Multiple NTPs are anticipated, each to be issued on a construction segment basis.
- Balance Project design development with the extent of available siting opportunities and constraints data throughout the federal approval process.

The POD and its appendices will serve as the TWE Project’s reference for new or amended permits, approvals, clearances and plans that may be issued during construction.

The USDI defines mitigation to encompass the full suite of activities to avoid, minimize, and compensate for adverse impacts to particular resources or values (Clement et al. 2014). Twenty-four plans that detail TransWest’s commitment to mitigate adverse impacts resulting from construction, operation, and maintenance of the TWE Project comprise Appendices A through X of the POD. Table 1 indicates the status of these environmental protection plans for the current and subsequent phases of the POD.

TABLE 1 STATUS OF ENVIRONMENTAL PROTECTION PLANS IN THE POD

PLAN	APPENDIX DESIGNATION	POD STATUS		
		FEIS	ROD	NTP
Access Road Siting and Management Plan	A	Framework plan	Update based on Agency Preferred Alternative: provide mapping of initial access road	Complete with final layout of access roads and temporary work

PLAN	APPENDIX DESIGNATION	POD STATUS		
		FEIS	ROD	NTP
			layout and initial layout of temporary work areas.	areas defined in Section 5.2.2.
Avian Protection Plan	B	Framework plan	Update based on the selected Agency Preferred Alternative and relevant mitigation measures to ensure regulatory compliance.	Complete based on final design.
Blasting Plan	C	Framework plan	Update based on the selected Agency Preferred Alternative; proposed methods to achieve the desired excavations using individual shot plants (where the explosives are planted).	Complete with updated information to include mapping of explosive storage locations and areas where blasting will occur, including identification of blasting within 0.25 mile of a known sensitive resource; as well as blasting in the vicinity of pipelines, and wells and springs that may be impacted.
Cultural Resources Protection and Management Plan	D	Framework plan	Update with information contained within the executed Programmatic Agreement (PA).	Complete with updated information based on completion of cultural inventory studies, mitigation plans, and monitoring plans.
Dust Control and Air Quality Plan	E	Framework plan	Update relevant mitigation measures to ensure regulation compliance.	Complete
Emergency Preparedness and Response Plan	F	Framework plan	Update with current available information.	Complete with updated contact information
Environmental Compliance and Monitoring Plan	G	Framework plan	Include more specifically defined roles, responsibilities and procedures.	Complete with fully defined roles, responsibilities and procedures.
Fire Protection Plan	H	Framework plan	Update restricted operations section, complete notifications section, update relevant mitigation measures to ensure regulation compliance and safety.	Complete
Flagging, Fencing and Signage Plan	I	Framework plan	Update flagging, fencing and signage scheme (table) based on selected Agency Preferred Alternative.	Complete with final flagging, fencing and signage scheme.
Geotechnical Plan	J	Framework plan	Update based on selected Agency Preferred Alternative.	Complete
Greater-Sage Grouse Habitat	K	Framework plan	Updated based on selected	Complete

PLAN	APPENDIX DESIGNATION	POD STATUS		
		FEIS	ROD	NTP
Equivalency Analysis, Mitigation and Monitoring Plan		based on FEIS Agency Preferred Alternative	Agency Preferred Alternative.	
Hazardous Materials Management Plan	L	Framework plan	Include relevant mitigation measures to ensure regulation compliance and safety.	Complete
Health and Safety Plan	M	Framework plan	Include relevant mitigation measures to ensure regulation compliance and safety.	Complete
Noxious Weed Management Plan	N	Framework plan	Update plan based on selected Agency Preferred Alternative including access roads and temporary work areas; and complete agency contact information and weed GIS data.	Complete based on the final design and results of noxious weed preconstruction survey.
Operations and Maintenance Plan	O	Framework plan	Update environmental mitigation measures based on selected Agency Preferred Alternative. Complete seasonal wildlife restrictions table.	Complete
Paleontological Resources Management and Mitigation Plan	P	Framework plan	Update plan based on selected Agency Preferred Alternative. Include relevant mitigation measures to ensure resource protection.	Complete
Reclamation Plan	Q	Framework plan	Update plan based on selected Agency Preferred Alternative.	Complete based on final design.
ROW Preparation and Vegetation Management Plan	R	Framework plan	Update plan based on selected Agency Preferred Alternative including access roads and temporary work areas; and complete agency contact information and seed mix requirements for each relevant BLM and Forest Service field office.	Complete based on final design.
Spill Prevention and Response Plan	S	Framework plan	Include relevant mitigation measures to ensure regulation compliance and safety.	Complete with appropriate emergency contacts.
Stormwater Pollution Prevention Plan	T	Framework plan	Include relevant mitigation measures to ensure compliance and for incorporation into Stormwater Pollution Prevention Plans (SWPPPs).	Complete Plan will be the same, but individual SWPPPs will be completed for each state.
Traffic and Transportation	U	Framework plan	Update plan based on	Complete

PLAN	APPENDIX DESIGNATION	POD STATUS		
		FEIS	ROD	NTP
Management Plan			selected Agency Preferred Alternative: use of public roads and highways.	
Visual Resources Management Plan	V	Framework plan	Update plan based on selected Agency Preferred Alternative: more specific visual resource mitigation.	Complete
Water Resources Protection Plan	W	Framework plan	Update plan based on selected Agency Preferred Alternative: complete 303(d) list of impaired waters and preliminary estimate of impacts to waters of the U.S.	Complete with identified impacts and a mitigation plan (if necessary) based on field surveys.
Wildlife and Plant Conservation Measures Plan	X	Framework plan	Update plan based on selected Agency Preferred Alternative: define specific species lists, habitats, draft mitigation, and preconstruction requirements.	Complete with identified impacts and a mitigation plan (if necessary) based on field surveys.

1.4 Organization of the FEIS POD

The FEIS POD describes the TWE Project according to the following topics:

Section 2 describes the TWE Project purpose and need including project objectives and needs, North American Electric Reliability Corporation (NERC) standards and Western Electricity Coordinating Council (WECC) criteria, and renewable energy and transmission.

Section 3 describes roles and responsibilities of each major Project entity including TransWest, Western, BLM, the United States Forest Service (USFS), and other Federal agencies, compliance inspection contractor, and construction contractor(s).

Section 4 provides a description of TWE Project components which includes a description of all proposed facilities and temporary and permanent land disturbance estimates.

Section 5 describes the construction practices that would be performed for the TWE Project, including standard construction activities, schedules and equipment/manpower requirements, and special construction practices which will be used in selective or sensitive environments.

Section 6 discusses operation and maintenance practices for the TWE Project, including routine maintenance and vegetation management of the transmission line ROWs, emergency response, fire protection, and ROW safety requirements.

Section 7 discusses the design options for the TWE Project, including a description of Design Options 2 and 3 and the conditions under which each design option would meet the Project purpose and need.

Section 8 summarizes the TWE Project general environmental mitigation measures, which are part of the proposed TWE Project Description, and would be common to all the FEIS alternatives.

Section 9 contains a list of references for this document.

1.5 Relationship with Other Environmental Documents

This FEIS POD has been prepared to support the TWE Project FEIS. The FEIS is being prepared by the BLM and Western, in compliance with the requirements and guidelines of the NEPA and the Federal Land Policy and Management Act of 1976 (FLPMA). This POD provides a description of the TWE Project for the lead agencies' use in preparing the FEIS. The POD contains detailed design, construction, operation and maintenance information for the agencies' use in the analyses of environmental impacts and mitigation measures adopted by the Applicant for the TWE Project and all alternatives analyzed in the FEIS. This FEIS POD is preliminary in that it addresses the range of alternatives being analyzed in the FEIS and incorporates design features, Applicant committed mitigation measures, best management practices, and BLM proposed mitigation measures from the DEIS updated to reflect revisions incorporated in the FEIS. TransWest anticipates preparing one additional preliminary POD at the time of issuance of the ROD (the ROD POD). The POD(s) prepared in connection with TransWest's request for a NTP will be the final POD (the NTP POD). TransWest may file multiple NTP PODs for the Project, each covering a separate construction spread or work management area, but for convenience all such PODs are referred to herein as the NTP POD.

1.6 Background on TransWest Express LLC

TransWest Express LLC is a limited liability company that was formed in July, 2008. TransWest is a wholly owned subsidiary of The Anschutz Corporation (TAC). In turn, TAC is a 100% owned subsidiary of Anschutz Company (Anschutz), a privately held multi-billion dollar diversified company based in Denver, Colorado. The principal offices of TransWest are located at 555 Seventeenth Street, Suite 2400, Denver, Colorado. TransWest was formed to hold and develop certain electric transmission assets for Anschutz.

TAC was formed in 1965 by Philip F. Anschutz, initially as an oil and gas drilling and exploration company. Today, Anschutz has worldwide investments in natural resources (oil and gas development and pipelines, ranching and agriculture), real estate, telecommunications, transportation, sports and entertainment, film production, movie theaters, and newspaper and internet publishing. TAC has successfully developed large and complex energy infrastructure projects. In the 1990s, TAC constructed a 130-mile intrastate common carrier crude oil pipeline to transport heavy crude from California's San Joaquin Valley to refineries and terminal facilities in the Los Angeles Basin.

In 1987, TAC built AREPI Pipeline to transport crude oil from its oil field on the Utah Wyoming border to refineries in Salt Lake City. At its peak, TAC's pipeline company operated over 3,100 miles of pipeline and 14 million barrels of crude oil storage capacity.

In the mid-1990s, TAC founded Qwest Communications which constructed the country's first transcontinental high-speed fiber-optic link between Los Angeles and Boston. The mammoth construction project originated on Southern Pacific/Union Pacific rights-of-way controlled by TAC and expanded onto rights-of-way acquired from federal, state, and local governments and private landowners. In all, Qwest developed a 25,500-mile North American fiber network connecting 250 cities and consisting of approximately 3.4 million fiber miles.

Through its wholly-owned subsidiary Anschutz Entertainment Group (AEG), Anschutz has successfully developed and constructed a number of sports, entertainment and real estate assets, investing several billion dollars. AEG played an integral role in the revitalization of downtown Los Angeles when it constructed the Staples Center, a 20,000 seat mixed use arena that is home to the LA Lakers, LA Clippers,

LA Kings, and other professional sports teams. The arena hosts 250 events and nearly 4 million customers per year. AEG has also constructed a 4.4 million square foot mixed use entertainment district around the Staples Center that is anchored by a 7,100 seat theater and includes hotels, luxury condos, and restaurants. AEG also successfully constructed a number of other development projects including the Home Depot Center in Carson, California, the Sprint Center in Kansas City, the O2 Arena in London, and a 17,000 seat multi-purpose arena in Berlin.

TransWest is an extension of TAC's long and successful tradition of resource development and investment in the western United States. The TWE Project responds to the nation's demand for clean renewable energy while representing TAC's commitment to responsible development and delivery of natural resources. TAC's resources and commitment to developing the TWE Project are demonstrated by the substantial investment of capital and time already made by TAC. Since 2008, TAC has funded all of TransWest's extensive development activities – a period of over five years. This includes undertaking the highest level of environmental review in the United States. To date, TransWest has expended approximately \$34 million dollars in developing the TWE Project – a significant capital investment by TransWest and TAC. To date, Western has reimbursed TransWest approximately \$8 million dollars of this investment pursuant to the Development Agreement.

1.7 Federal, State, and Local Permits

The Applicant will be responsible for the acquisition of all applicable federal, state, and local permits, licenses and agreements. A list of applicable permit requirements was provided through the NEPA process and incorporated into this POD for the TWE Project. The TWE Project will necessitate crossings of existing electrical transmission lines, U.S. and State Highways, and railroads. The proposed line crossings will be coordinated with the appropriate entity and TransWest will obtain all required licenses, permits, or agreements.

Table 2 is a list of the authorizations, permits, and reviews that may be needed in order for the Project to be constructed and are based on the Agency Preferred Alternative and the Applicant's Proposed Action in the FEIS.

TABLE 2 SUMMARY OF POTENTIAL FEDERAL, STATE, AND LOCAL PERMITS AND ENVIRONMENTAL REVIEW REQUIREMENTS

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
FEDERAL				
National Environmental Policy Act of 1969 (NEPA) Compliance	Federal action: to grant right-of- way (ROW) across land under federal jurisdiction	Lead agencies (Bureau of Land Management [BLM] and Western Area Power Administration [Western]); Affected land-managing agencies; Cooperating agencies	Environmental Impact Statement (EIS) and Record of Decision (ROD)	NEPA (42 United States Code [U.S.C.] § 4321); Council on Environmental Quality (CEQ) (40 Code of Federal Regulations [CFR] Parts 1500-1508); Department of Energy (DOE) NEPA implementing Regulations (10 CFR Part 1021)
ROW Across Land Under Federal Management	Preconstruction surveys including geotechnical surveys; construction, operation, maintenance, and abandonment	BLM	ROW grant and temporary use permit	Federal Land Policy and Management Act (FLPMA) of 1976 (PL 94-579); 43 U.S.C. §§1761-1771; 43 CFR Part 2800
		BLM	Short-Term ROW Grant	FLPMA (PL 94-579); 43 U.S.C. §§1761-1771; 43 CFR Part 2800
		BLM	Resource Management Plans	BLM requirements
		BLM	Plan of Development	BLM requirements
		BLM	Notice to Proceed	48 CFR
		BLM	Pesticide Use Proposal	Final Vegetation Treatments Using Herbicides Programmatic EIS (BLM 2007)
		U.S. Bureau of Reclamation (Reclamation)	License Agreement	Technology Transfer Act of 1986 (Public Law 99-502), Section 11
		Reclamation	Right of Use Authorization	Act of Congress of June 17, 1902 (32 Stat. 388), Act of Congress of August 4, 1939 (53 Stat. 1187), Section 10, and 43 CFR 429
		U.S. Department of Agriculture (USDA)	Coordination with the USDA's Farm Service Agency for crossing Conservation Reserve Program lands, if applicable	Title II, Subtitle B of the Food, Conservation, and Energy Act of 2008
		USDA	Coordination with the Natural Resources Conservation Service for crossing Wetland Reserve Program lands, if applicable	Title II, Subtitle C of the Food, Conservation, and Energy Act of 2008
U.S. Forest Service (USFS)	Special use authorization permit or easement	36 CFR Part 251		
USFS	Operation and Maintenance Plan	USFS requirements		
USFS	Notice to Proceed	48 CFR		

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
		USFS	Road Use Permit	16 U.S.C. §§ 535 and 537, National Forest Roads and Trails Act Sections 4 and 6
		USFS	Pesticide Use Proposal	FS Manual 2150
		Bureau of Indian Affairs (BIA), tribe	ROW grant across American Indian lands	25 CFR Part 169
		National Park Service (NPS)	Authorization to cross NPS lands	16 U.S.C. § 79
		U.S. Fish and Wildlife Service (USFWS)	Special use permit for crossing a national wildlife refuge	50 CFR Part 25
		Utah Reclamation Mitigation and Conservation Commission	License Agreement to cross Federal Lands	Central Utah Completion Act, 43 CFR Part 1000
	"Conversion of use" for a use other than recreation on lands reserved with Land and Water Conservation Fund Act (LWCF) monies	NPS	Review of transmission line corridor to identify conflicts with recreational area	Land and Water Conservation Fund Act, Public Law (PL) 88-578, Section 6(f)(3)
	Construction, operation, maintenance, and abandonment of transmission line across or within highway ROWs	Federal Highway Administration	Permits to cross Federal Aid Highway; 4 (f) compliance	U.S. Department of Transportation (USDOT) Act, 23 CFR Part 1.23 and 1.27; 23 U.S.C. §§ 109 and 315; 23 CFR Part 645; 23 CFR Part 771
Biological Resources	Grant ROW by Federal land-managing agency	USFWS	Endangered Species Act (ESA) compliance by Federal land-managing agency and lead agency	ESA of 1973 as amended (16 U.S.C. § 1531 et seq.)
	BLM issuance of a ROW grant covering USFWS fee lands within National Wildlife Refuges	USFWS	Compatibility Determination	National Wildlife Refuge System Administration Act of 1966 as amended by the National Wildlife Refuge System Improvement Act of 1997, 16 U.S.C. 668dd-668ee
	Protection of migratory birds	USFWS	Compliance	Migratory Bird Treaty Act of 1918, 16 U.S.C. § 703-712; 50 CFR
	Protection of bald and golden eagles	USFWS	Compliance	Bald and Golden Eagle Protection Act of 1972 (16 U.S.C. §668)
Ground Disturbance and Water Quality Degradation	Construction activities that disturb one or more acres of land	U.S. Environmental Protection Agency (EPA)	Section 402 National Pollutant Discharge Elimination System (NPDES) General Permit and accompanying Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) for Storm Water Discharges from Construction Activities	Clean Water Act (33 U.S.C. §1342)
	Construction across water	U.S. Army Corps of	General easement	10 U.S.C. §§ 2668 to 2669

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
	resources	Engineers (USACE)		
	Construction in or modification of floodplains	Federal lead agency	Compliance	42 U.S.C. § 4321 Ex. Ord. No. 11988 Floodplains
	Construction in or modification of wetlands	Federal lead agency	Compliance	42 U.S.C. § 4321 Ex. Ord. No. 11990 Wetlands
	Potential discharge into waters of the state (including wetlands and washes)	USACE (and states); EPA on tribal lands	Section 401 Water Quality Certification	Clean Water Act (33 U.S.C. §1344)
	Discharge of dredged or fill material into waters of the United States, including wetlands	USACE; EPA on tribal lands	Section 404 Permit, Individual or Nationwide Permit	Clean Water Act (33 U.S.C. §1344)
	Placement of structures and construction work in or across navigable waters of the U.S.	USACE	Section 10 permit	Rivers and Harbors Act of 1899 (33 U.S.C. § 403)
	Protection of all rivers included in the National Wild and Scenic Rivers Systems	Affected land-managing agencies	Review by permitting agencies	Wild and Scenic Rivers Act (PL 90-542) (16 U.S.C. §§ 1271-1287)
	Potential pollutant discharge during construction, operation, and maintenance	EPA	Spill Prevention, Control, and Countermeasure (SPCC) Plan for oil-filled equipment	Oil Pollution Act of 1990 (40 CFR Part 112)
Cultural Resources	Disturbance of historic properties	Federal lead agency, State Historic Preservation Officers (SHPO), Advisory Council on Historic Preservation	Section 106 consultation and signed PA prior to Record of Decision	National Historic Preservation Act of 1966, (16 U.S.C. § 470) (36 CFR Part 800)
	Potential conflicts with freedom to practice traditional American Indian religions	Federal lead agency, Federal land-managing agency	Consultation with affected American Indians	American Indian Religious Freedom Act (42 U.S.C. § 1996)
	Disturbance of graves, associated funerary objects, sacred objects, and items of cultural patrimony	Federal land-managing agency	Consultation with affected Native American group regarding treatment of remains and objects	Native American Graves Protection and Repatriation Act of 1990 (NAGPRA) (25 U.S.C. §§ 3001-3002)
	Investigation of cultural and paleontological resources	Affected land-managing agencies	Permit for study of historical, archaeological, and paleontological resources	Antiquities Act of 1906 (16 U.S.C. §§ 432-433)
	Investigation of cultural resources; Excavation of archaeological resources	Affected land-managing agencies	Permits to excavate and remove archaeological resources on Federal lands; American Indian tribes with interests in resources must be consulted prior to issuance of permits	Archaeological Resources Protection Act of 1979 (16 U.S.C. §§ 470aa to 470ee) (43 CFR Part 7)
	Protection of segments, sites, and features related to national trails	Affected land-managing agencies	National Trails System Act compliance	National Trails System Act (PL 90-543) (16 U.S.C. §§ 1241 to 1249)
Paleontological Resources	Ground disturbance on Federal land or Federal aid project	BLM	Compliance with BLM mitigation and planning standards for Paleontological	FLPMA of 1976 (43 U.S.C. §§ 1701-1771); Antiquities Act of 1906 (16 U.S.C. §§ 431-

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
			resources of public lands	433); Paleontological Resources Preservation Act (PRPA) of 2009.
Air Traffic	Location of towers in regards to airport facilities and airspace	Federal Aviation Administration (FAA)	A "Determination of No Hazard to Air Navigation" for structure heights and locations in proximity to public airports	Federal Aviation Act of 1958 (PL 85-726) (14 CFR Part 77)
			Section 1101 Air Space Permit for air space construction clearance	Federal Aviation Act of 1958 (PL 85-726) (14 CFR Part 77)
Rate Regulation	Sales for resale and transmission services	Federal Energy Regulatory Commission (FERC)	Federal Power Act compliance by power seller	Federal Power Act (16 U.S.C. §792)
TRIBAL				
UTE				
ROW Encroachment	Encroachment onto Uintah and Ouray Reservation Land	Ute Indian Tribe-BIA Department of Energy and Minerals	ROW easement	25 CFR Part 169
WYOMING				
STATE				
Wildlife Resources	Permitting within sage-grouse core areas	All State Agencies	Compliance with Executive Order (EO) 2011-5	Sections 1 and 2 of Article V of the Michigan Constitution of 1963; Executive Order 2011-5
	Permitting within state wildlife habitat management areas	All State Agencies	Special Use Permit to cross Wildlife Habitat Management Areas	WS 23-1-302 (a)(iii)
Utility Siting	Primary permitting authority for transmission line siting, county level necessary	Public Service Commission (PSC)	Certificate of Public Convenience and Necessity	WS 37-2-101; PSC-R 202, 204, 205
	Construction of an industrial facility	Department of Environmental Quality (DEQ), Industrial Siting Division	Industrial Development Information and Siting Act Permit	WS 35-12
ROW Encroachment	Non-roadway easement across State Lands	State Board of Land Commissioners	ROW Easement	WS 36-2-107 and 36-9-118
	Encroachment into state roadway ROW	Wyoming Department of Transportation	ROW encroachment permit and accompanying traffic control plan	WS 1-26-813
Ground Disturbance and Water Quality Degradation	Construction sites with greater than one acre of land disturbed	DEQ	Wyoming Pollutant Discharge Elimination System Permit Section 401 Water Quality Certification NOI and SWPPP	WS 35-11-3 Clean Water Act, Section 401
Fish and Wildlife	Project impacts to fish and wildlife species and associated habitat	Wyoming Game and Fish Department (WGFD)	Compliance	WGFD requirements
Air Quality	Fugitive dust emissions generated during construction	DEQ, Air Quality Division	Construction Permit	40 CFR Part 63
Cultural Resources	Surveying and limited testing on state lands	State Historic Preservation Office (SHPO); Office of State	Permit	Wyoming Antiquities Act of 1935; WS 36-1-114-116

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
		Lands and Investments (OSLI)		
	Archaeological data recovery or extensive testing on state lands	SHPO and OSLI	Permit	Same regulation as above
	Disturbance of cultural resources	SHPO	Potential permit	Wyoming Protocol Agreement
	Disturbance of cultural resources	BLM and SHPO	Section 106 Consultation	National Historic Preservation Act of 1966 (NHPA), (16 U.S.C. §470) (36 CFR Part 800)
Explosives	Storage and use of explosives	Varies	Explosives Permit	18 U.S.C. § 40
LOCAL				
Land Use	Construction and operation of Transmission Lines greater than 69 kV	Carbon County	Conditional Use Permit, if applicable Building Permit	2011 Carbon County Zoning Resolution, Chapter IV, Sections 4.2(b)(5) and 4.8(b)(3) 2011 Carbon County Zoning Resolution, Chapter VI, Section 6.2(a)(2)
Water Resources	Development in a special flood hazard area	Carbon County	Floodplain Development Permit, if applicable	2011 Carbon County Zoning Resolution, Chapter V, Section 5.1(f)
Land Use	Construction and operation of transmission lines	Sweetwater County	Conditional Use Permit, if applicable	2012 Sweetwater County Zoning Resolution, Section 5(A)(13)(d)(8)
Transportation / Access	Accessing work sites via county roads	Sweetwater County	County Road Crossings and Access Permits, County Road Maintenance Agreements	February 2012 Sweetwater County License Permit Application per Engineering Department
Water Resources	Discharging waste water	Sweetwater County	Small waste water permits	Water quality standards per Sweetwater County District Board of Health
Hazardous Materials	Storing hazardous materials	Sweetwater County	Recordation of Hazardous Material Storage	Sweetwater County Hazardous Chemical Inventory per Local Emergency Planning Committee
Hazardous Materials	Spraying herbicides	Sweetwater County	Noxious Weed Control	Weed control standards per Sweetwater County Weed and Pest Board
COLORADO STATE				
Utility Siting	Primary permitting authority for transmission line siting, county level necessary	Public Utility Commission (PUC)	Certificate of Public Convenience and Necessity	Colorado Revised Statutes (CRS) 40-5-101-106; 4 CCR 723-3
Air Quality	Land development	Department of Public Health and Environment, Air Pollution Control Division	Land Development Air Pollutant Emission Notice and Application for Construction Permit	5 CCR 1001-5
Pesticides	Applying pesticides	Department of Public Health and Environment, Water Quality Control Division	Pesticides General Permit	CRS 25-8-101
Hazardous Materials	Transporting hazardous materials on state roads	PUC	Hazardous Materials Transportation Permit	8 Code of Colorado Regulations (CCR) 1507-25

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
	Using explosives for excavation	Division of Public Safety	Type II Explosives Permit	Division of Public Safety regulations
Transportation / Access	Transporting oversized and overweight loads on state roads	Colorado Department of Transportation (CDOT)	Transport Permit for Movement of Extra-Legal Vehicles or Loads	2 CCR 601-4
	Accessing state roads	CDOT	Access Permit	State Highway Access Code
ROW Encroachment	ROW across State Lands	State Lands Trust	ROW Easement	State Land Board policies
	Encroachment into state road ROW	CDOT	Utility/Special use permit	CRS 9-1.5-103
Ground Disturbance and Water Quality Degradation	Construction sites with greater than one acre of land disturbed	Department of Public Health and Environment, Water Quality Control Division	General permit and accompanying SWPPP General permit for construction dewatering	5 CCR 1002-61 and CRS 25-8-101
Cultural and Archaeological Resources	Disturbance of cultural or archeological resources	Office of the State Archaeologist, Office of Archaeology and Historic Preservation	Potential permit	CRS 24-80-401-410
	Treatment of unmarked human graves	Office of the State Archaeologist, Office of Archaeology and Historic Preservation, County Coroner	Review	CRS 20-80-1301-1305
Biological Resources	Habitat modification in wetland or riparian areas	Division of Wildlife	Wildlife certification	CRS 33-5-101-105
LOCAL				
Land Use	Construction and operation of transmission lines	Moffat County	Conditional Use Permit, if applicable	Moffat County Zoning Resolution, Article IV
Transportation / Access	Maintaining county roads	Moffat County	Road Maintenance Permit for Private Entities	Moffat County Road Department Policies and Procedures
	Accessing work sites via county roads	Moffat County	ROW Access Permit	
	Transporting oversized and overweight loads on county roads	Moffat County	Transport Permit	Moffat County Resolution No. 2010-102
Utilities	Installing utilities in county road ROW	Moffat County	Utilities Installation Permit	Moffat County Road Department Policies and Procedures
Land Use	Construction and operation of transmission lines	Rio Blanco County	Conditional Use Permit, if applicable	2002 Rio Blanco County Land Use Resolution, Article IX
Transportation / Access	Accessing work sites via county roads	Rio Blanco County	Driveway ROW Access Permit	Rio Blanco County Road and Bridge Department requirements
	Transporting oversized and overweight loads on county roads	Rio Blanco County	Transport Permit	
	Maintaining county roads for which county funds have not been allocated	Rio Blanco County	Private Construction of County Roads Permit	
UTAH				
STATE				

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
Permitting Process	Proposed transmission line facility	Resource Development Coordinating Committee	Expedites Review of Permitting Process for all State Agencies	Utah Code Annotated (UCA) 63-38d-501, UCA 63-38d-504
ROW Encroachment	Encroachment on, through or over state lands	Division of Forestry, Fire, and State Lands	Application approval	UCA Title 65A
	Encroachment into state roadway ROW	Utah Department of Transportation (UDOT)	ROW Encroachment Permit, Grant of Access Permit, and Traffic Impact Study	UCA 63-46b-3
Ground Surface Disturbance	Project construction	Public Service Commission	Certificate of Public Convenience and Necessity; Approve construction contracts	UCA 54-4-25, R 746-401
	Crossing state lands	Division of Forestry, Fire, and State Lands	Easement onto state lands. Bond may be required.	UCA 65A-7-8, R 652-40
Cultural, Paleontological, and Biological Resources	Crossing state lands	Division of Forestry, Fire, and State Lands	Provide a cultural and/or paleontological and/or biological survey and submit procedures for reasonable mitigation actions	R 652-40-500
Historical and Cultural Review	Impact on historical sites	Division of State History	Notification of Planning Stage and before Construction	UCA 9-8-306
Archaeological Resources	Survey or excavation of archaeological resources on lands owned or controlled by the state	Governor's Public Lands Policy Coordinating Office	Permit to survey or excavate	UCA 9-8-305, R 694-1
Cultural Resources	Discovery of Native American grave on state or non-federal land	Antiquities Section, Division of State History	Notification	UCA R456-1-1-17
Encroachment on State Park Lands	Utility easement on state park lands	Division of Parks and Recreation	Agreement for Granting and Maintenance of Easements or Rights-of-Way across Park Lands	UCA 63-11-10.3
Air Quality	Construction and operation	Air Quality Board	Approval Order for construction activity and accompanying NOI Fugitive Dust Plan Permit	UCA 19-2-108
Water Resources	Construction and operation	Water Quality Board	Utah Pollutant Discharge Elimination System General Permit for Construction Activities, NOI and SWPPP	UCA 19-5-107
	Alteration of bed or banks of a natural stream	Utah Department of Natural Resources, Division of Water Rights	Stream alteration permit	UCA 73-3-29, Administrative Rule R655-13
Wildlife	Modification of habitat	Division of Wildlife Resources	Easement for Use of State Wildlife Resource lands	UCA Title 23
LOCAL				
Land Use	Construction and operation of transmission lines	Uintah County	Conditional Use Permit, if applicable	2006 Uintah County Land Use Ordinance
			Building Permit	Uintah County Building Code, Chapter 14.16
Transportation /	Encroaching onto county road ROW	Uintah County	ROW Encroachment Permit	Uintah County Road Department

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
Access				requirements
Land Use	Construction and operation of transmission lines	Duchesne County	Conditional Use Permit, if applicable Building Permit	2013 Duchesne County Code, Title 8
Transportation / Access	Constructing approaches to county roads	Duchesne County	Permit	2013 Duchesne County Code, Title 6
Utilities	Installing utilities in county road ROW	Duchesne County	Utility Easement	
Land Use	Construction and operation of transmission lines	Wasatch County	Conditional Use Permit, if applicable Building and Grading permits	2013 Wasatch County Land Use and Development Code, Chapter 16
Transportation / Access	Encroaching onto county road ROW	Wasatch County	Driveway Encroachment Permit	2013 Wasatch County Land Use and Development Code, Chapter 14
Ground Disturbance and Water Quality Degradation	Ground-disturbing activities	Wasatch County	SWPPP and Erosion Control Permit	2013 Wasatch County Land Use and Development Code, Chapter 16
Water Resources	Development in a special flood hazard area	Wasatch County	Floodplain Development Permit	
Land Use	Construction and operation of transmission lines	Utah County	Conditional Use Approval, if applicable Building Permit Zoning Compliance Permit	2014 Utah County Land Use Ordinance
Transportation / Access	Accessing work sites via county roads	Utah County	Road Access Permit	Utah County Code, Chapter 17
	Installing utilities in county road ROW	Utah County	ROW Grant	
Utilities	Installing utilities	Utah County	Utility Installation Permit	2014 Utah County Land Use Ordinance
Land Use	Construction and operation of transmission lines	Juab County	Conditional Use Permit, if applicable Building Permit	2007 Juab County Land Use Code, Section 12-1-15 Buildings & Grounds Department requirements
Land Use	Construction and operation of transmission lines	Sanpete County	Conditional Use Permit, if applicable Building Permit	2013 Sanpete County Land Use Ordinance, Chapter 14.68 Sanpete County Building, Planning, and Zoning Department requirements
Transportation / Access	Accessing work sites via county roads	Sanpete County	Road Access (Approach) Disclosure Form	
Land Use	Construction and operation of transmission lines	Millard County	Conditional Use Permit, if applicable , General Plan Amendment, if applicable Building Permit Development Permit for flood control	2012 Millard County Code, Titles 7 and 10
Transportation / Access	Accessing work sites via county roads	Millard County	Access Permit	
	Construction activities in county road ROW	Millard County	Encroachment Permit	

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
Land Use	Construction and operation of transmission lines	Beaver County	Conditional Use Permit, if applicable	2010 Beaver County Zoning Ordinance, various chapters
		Beaver County	Building Permit	Beaver County Building Department requirements
Transportation / Access	Encroaching onto county road ROW	Beaver County	ROW Encroachment Permit	
Water Resources	Construction in a flood-related erosion-prone area	Beaver County	Flood Control Development Permit	2010 Beaver County Zoning Ordinance, Chapter 10.26
Land Use	Construction and operation of transmission lines	Iron County	Conditional Use Permit, if applicable	1994 Iron County Code, as amended, Titles 12, 15, and 17
			Building Permit	
Transportation / Access	Encroaching onto county road ROW	Iron County	ROW Encroachment Permit and accompanying ROW Encroachment Plan	
Land Use	Construction and operation of transmission lines	Washington County	Conditional Use Permit, if applicable	Washington County Planning Department requirements
			Building Permit	Washington County Building Department requirements
NEVADA				
STATE				
ROW Encroachment	ROW across State Lands	Division of State Lands	Easement	Nevada Revised Statutes (NRS) 322.050
	Encroachment into state roadway ROW	Nevada Department of Transportation	Occupancy Permit for utilities in state ROW ROW Encroachment Permit and accompanying Traffic Control Plan	NRS 408.423, 408.210
Ground Surface Disturbance	Project construction	Nevada Division of Environmental Protection (NDEP)	Registration certificate	Nevada Administrative Code (NAC) 445.704
		Division of Forestry	Timberland Conversion Certificate and accompanying Conversion Plan Logging Permit and accompanying Logging Plan	NRS 528
	Construction of electric transmission line	Public Service Commission	Authority to construct and Certificate of Public Convenience and Necessity	NRS 704.330, NRS 704.820, NRS 704.701
Ground Disturbance and Water Quality Degradation	Construction in or near 100-year floodplains, streams and rivers, or waters of the state	NDEP	Floodplain use permits, Clean Water Act Section 401, 402, and 404 permits	Nevada State Statutes - State Water Quality Certification rules
	Pollutant discharge	NDEP	NPDES Construction Stormwater General Permit, NOI, SWPPP, and SPCC Plan	
Cultural and	Crossing state lands	Division of State Lands	Easement onto state lands	NRS 321.001

ISSUE	ACTION REQUIRING PERMIT, APPROVAL, OR REVIEW	AGENCY	PERMIT, LICENSE, COMPLIANCE, OR REVIEW	RELEVANT LAWS AND REGULATIONS
Paleontological Resources	Investigation of Paleontological, archaeological, and historic sites	Nevada State Museum	Permit to investigate antiquities	Nevada Antiquities Law (NRS 381.195 to 381.227)
	Disturbance of American Indian burial sites on state and private lands	Nevada SHPO	Notification of discoveries, consultation with affiliated groups	Nevada Protection of Indian Burial Sites (NRS 383.150) (NRS 383.190)
Air Quality	Construction and operation	NDEP	Authority to construct, permit to operate Surface Area Disturbance Permit for non-agricultural activities of more than 5 acres	NRS 445
Biological Resources	Modification of sensitive plant species habitat	Division of Forestry	Compliance to survey for identification of plant species	NRS 527.270, NRS 527.050
	Controlling pests	Department of Agriculture	License to engage in pest control	NRS 555.280
	Disturbance of special status plant species	Division of Forestry	Permit for lawful take of protected plant	NRS 527.250
	Construction and operation in areas of rare and endangered animal species	Division of Wildlife	Compliance	NRS 501, NAC 503
	Modification of habitat of threatened and endangered species	Division of Wildlife	Special permit	NAC 5-4.510 through 4.550
LOCAL				
Land Use	Construction and operation of transmission lines	Lincoln County	Special Use Permit, if applicable	Lincoln County Code, Title 13, Chapters 6 and 8
			Airport Zoning Permit	Lincoln County Code, Title 9, Chapter 2
			Building Permit	Lincoln County Code, Title 11, Chapter 2
Air Quality	Construction activities	Clark County Department of Air Quality	Dust Control Permit	Clark County Department of Air Quality requirements
Biological Resources	Construction activities	Clark County	Desert Tortoise Assist	Clark County Desert Conservation Program requirements
Land Use	Construction and operation of transmission lines	Clark County	Conditional Use and Special Use Permits	Clark County Code, Title 30, Chapter 44
			Building and Grading Permits	Clark County Code, Title 30, Chapter 32
			Drainage Compliance Report	Clark County Department of Building
			Geotechnical Report	
Transportation / Access	Encroaching onto county road ROW	Clark County	Encroachment Permit	Clark County Code, Title 30, Chapter 32
	Accessing work sites via county roads	Clark County	Traffic Control Plan	Clark County Department of Public Works requirements
Ground Disturbance and Water Quality Degradation	Construction activities	Clark County	Stormwater Pollution Prevention documentation	Clark County Department of Building requirements