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**From:** Derbyshire, Shauna

**Sent:** 2017-09-12T16:06:44-04:00

**Importance:** Normal

**Subject:** Fwd: UT abstracts (1 of 2 emails)

**Received:** 2017-09-12T16:07:10-04:00

[Corridor 114-241 UT 9Sept2017.docx](#)

[Corridor 126-258 UT 9Sept2017.docx](#)

[Corridor 110-114 UT NV 9Sept2017.docx](#)

[Corridor 66-259 UT 9Sept2017.docx](#)

[Corridor 113-114 UT NV 9Sept2017.docx](#)

[Corridor 116-206 AZ UT 9Sept2017.docx](#)

1 of 2 - - - Please see attached:

*Shauna Derbyshire*  
*Realty Specialist*  
*BLM/Utah State Office*  
*(801) 539-4132*  
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----- Forwarded message -----

From: **Smale, Georgeann** <[gsmale@blm.gov](mailto:gsmale@blm.gov)>

Date: Tue, Sep 12, 2017 at 6:19 AM

Subject: UT abstracts (1 of 2 emails)

To: "Derbyshire, Shauna" <[sderbyshire@blm.gov](mailto:sderbyshire@blm.gov)>

Cc: Scott Whitesides <[swhitesides@blm.gov](mailto:swhitesides@blm.gov)>, "Wescott, Konstance L." <[wescott@anl.gov](mailto:wescott@anl.gov)>

Shauna,

Konnie will check out why you can't access the Box site. (And Konnie - can you confirm that I'm sending Shauna all the abstracts for UT?)

I'm emailing the 12 corridors for UT that Argonne has drafted.

Here are the 1st 6.

Georgeann Smale  
Realty Specialist, Transmission / 368 Corridors  
Bureau of Land Management

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# Corridor 116-206

Alternate Name

## Introduction

Corridor 116 206 (Figures 1a, b and 2a, b) begins at its junction with Corridors 113 116 and 68 116, 9 miles east of Fredonia, just south of the Arizona Utah border in Coconino County, Arizona. It extends north into Utah, ending in north central Utah, 9 miles southwest of Santaquin. Corridor 116 206 parallels US Highway 89 and Interstate Highway 15 (I 15) for most of its length. Federally designated portions of this corridor are BLM and USFS administered land. Corridor 116 206 is multi modal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 221.9 miles long and 3,500 feet wide with 116.1 miles designated on Federally administered lands. The designated area is 48,879.5 acres or 76.4 square miles. This corridor passes through Coconino County in Arizona; and Kane, Iron, Juab, Garfield, Piute, Sevier, Sanpete and Utah counties in Utah. The BLM administered portions of the Corridor are under the jurisdiction of the Arizona Strip, Richfield, and Kanab Field Offices. **The corridor is not designated in the Fillmore, and Salt Lake Field Offices.** The following note from the BLM ROD applies to the BLM Fillmore and Salt Lake Field Offices: “This plan cannot be amended at this time due to restrictions to plan amendments imposed by Section 2815(d) of Public Law 106 65, the —National Defense Authorization Act for Fiscal Year 2000|| (October 5, 1999). Should these restrictions be lifted, the amendments to this plan would become effective and the BLM would provide public notice of the effective date of the amendments”. Portions of the corridor are also located in the Fishlake National Forest under USFS administration. Corridor 116 206 is entirely in Region 3.

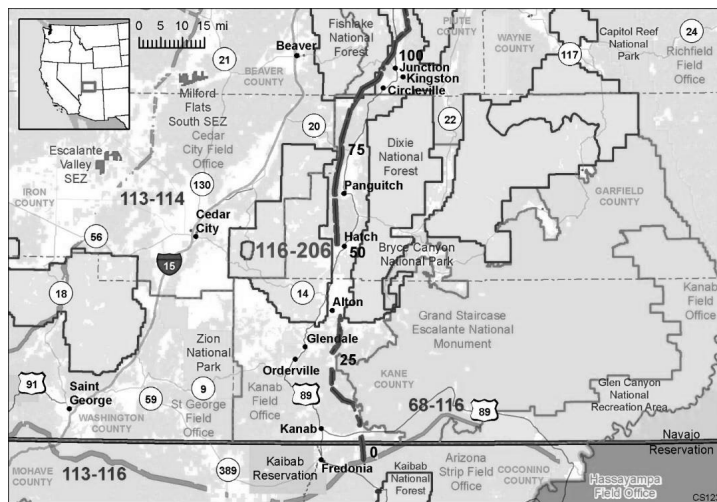


Figure 1a. Southern Portion of Corridor 116-206

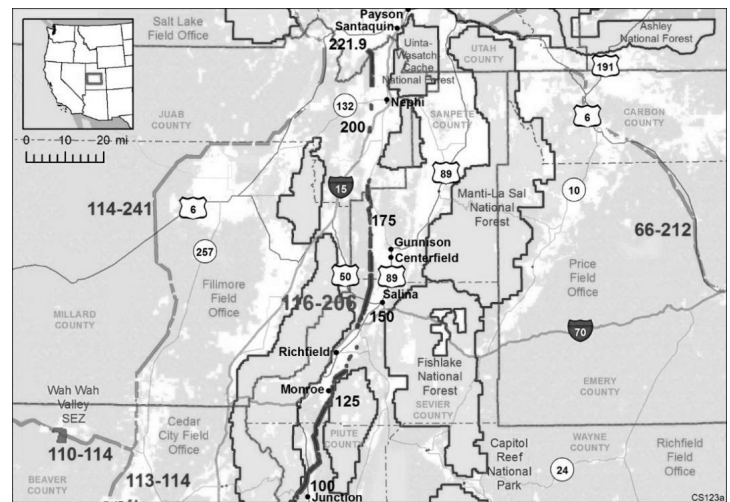
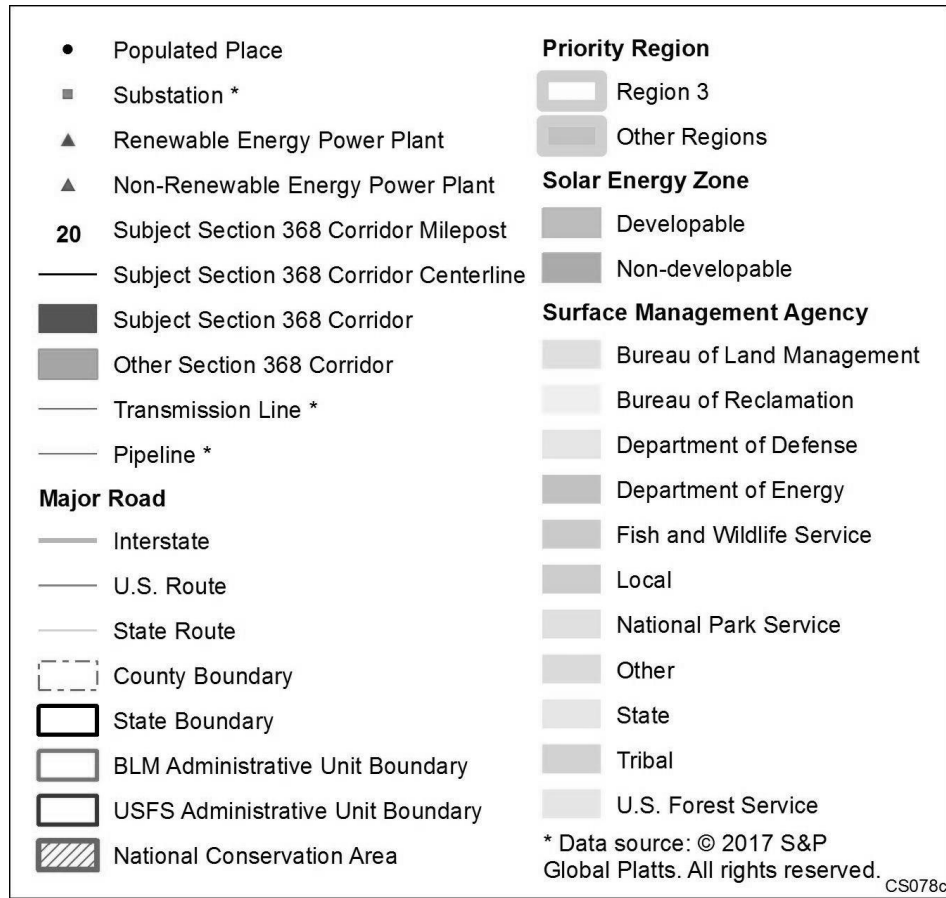


Figure 1b. Northern Portion of Corridor 116-206



Key



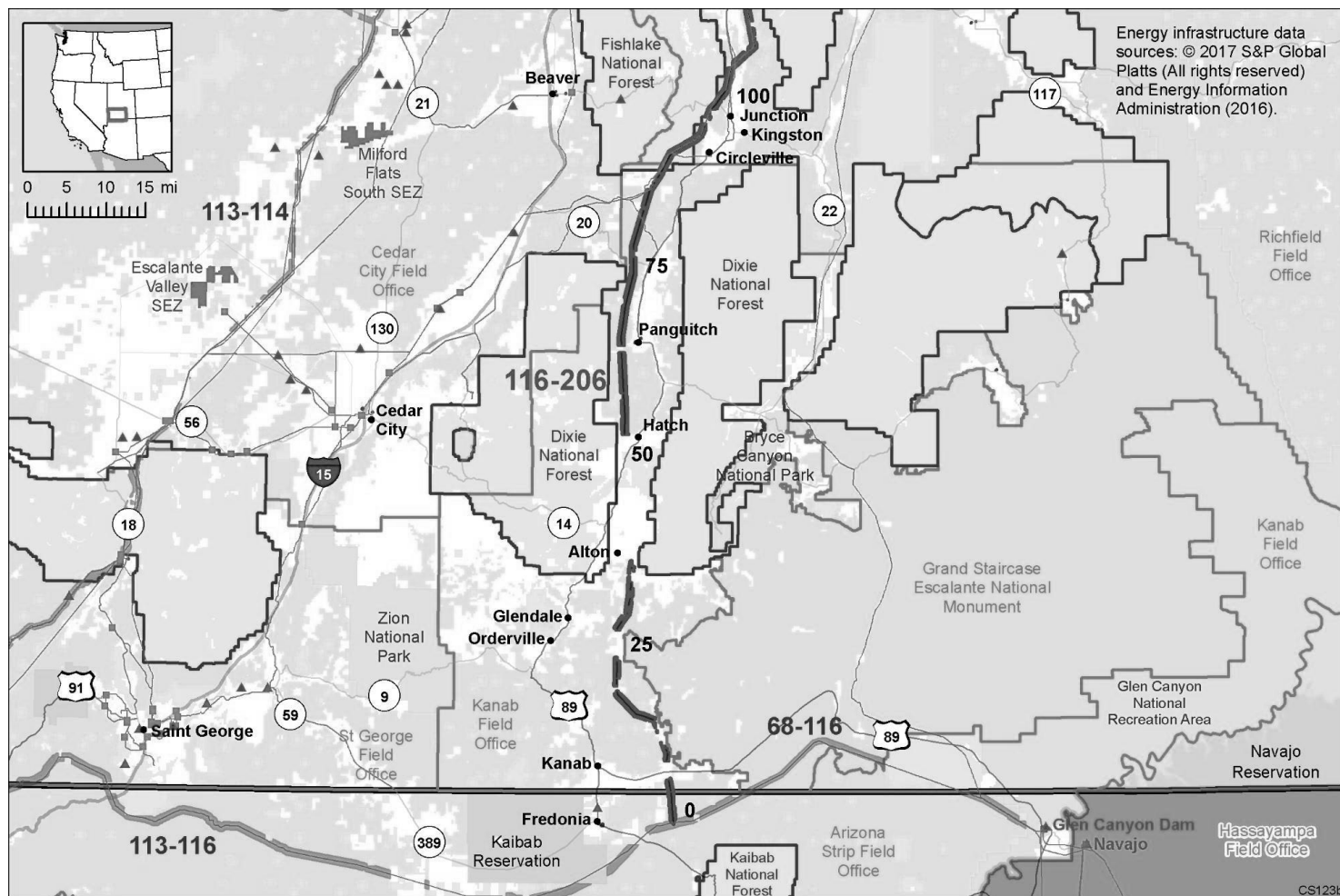


Figure 2a. Southern Portion of the Corridor 116-206, Including Existing Energy Infrastructure

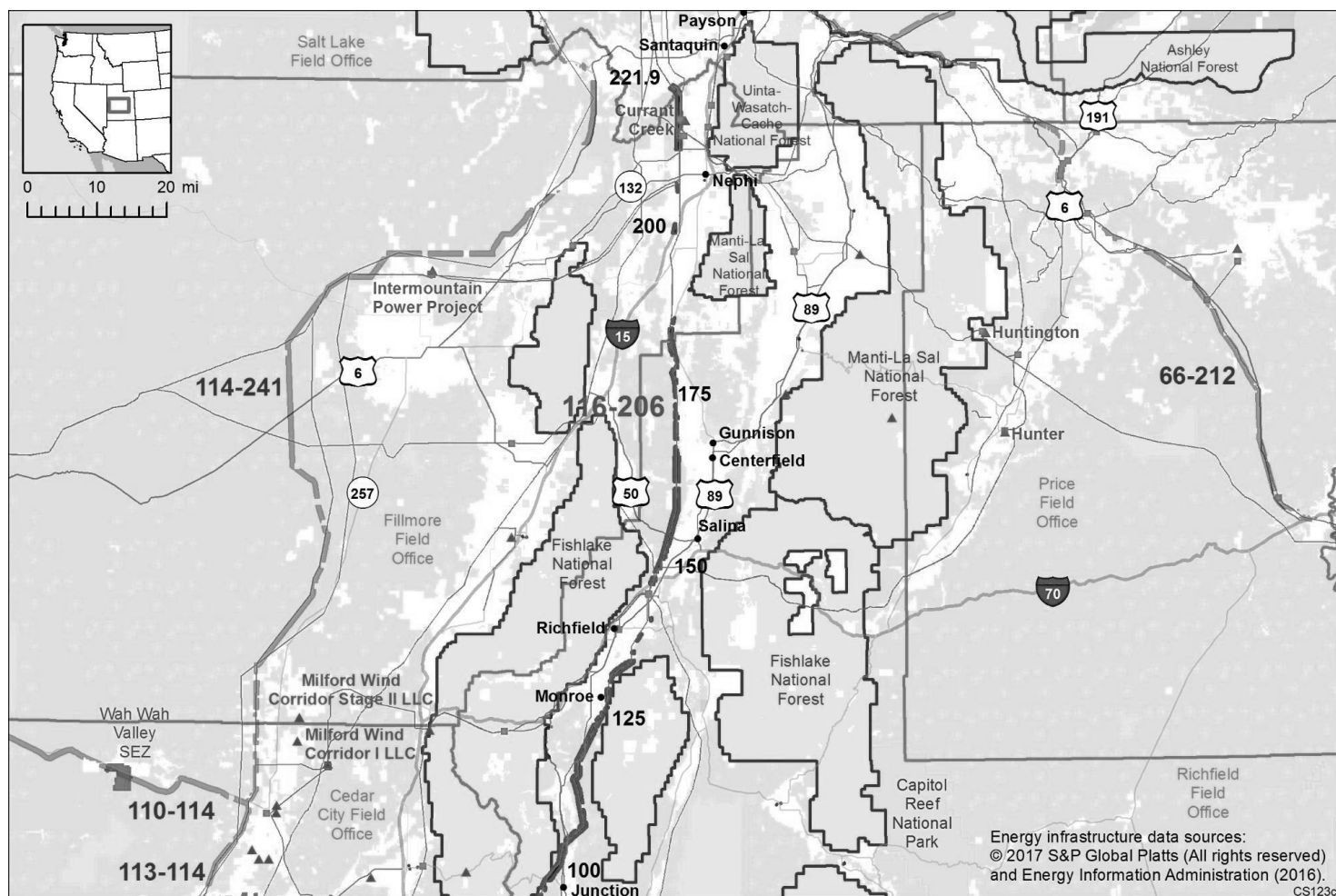


Figure 2b. Northern Portion of the Corridor 116-206, Including Existing Energy Infrastructure

## Corridor Rationale

During scoping for the WWEC PEIS, routes generally following this corridor were suggested by the Frontier Line, National Grid, Trans West, and the Western Utility Group.

*Existing Infrastructure:* The corridor follows a natural gas pipeline operated by Questar Pipeline Co. from MP 217.1 to MP 221.9. Another natural gas pipeline operated by Questar Gas Co. is outside the corridor, but generally follows its path from MP 85.9 to MP 168.4. The corridor also follows several transmission lines including one 230 kV and two 345 kV lines operated by PacifiCorp (MP 86.4 to MP 147.2 and MP 86.4 to MP 221.9) and two 345 kV lines operated by Intermountain Power Agency (MP 207.9 to MP 216.7). A 345 kV transmission line is outside the corridor, but generally follows its path from MP 216.7 to MP 220.1. Fifty three substations and Currant Creek Natural Gas Power Plant (524 MW) are located within 5 miles of the corridor.

*Potential for Future Development:* During interviews for the Corridor Study, Agencies indicated that that Corridor 116 206 was considered for multiple electric transmission line projects within the corridor. The Platts data indicate a 500 kV electric transmission line proposed by PacifiCorp that follows the corridor from MP 207.9 to MP 220.1.

## Corridor of Concern Status

Corridor 116 206 was identified in the Settlement Agreement as a corridor of concern. Concerns regarding undisturbed areas, a National Monument, Old Spanish Trail, Utah proposed wilderness, and proximity to a USFS Inventoried Roadless Area were identified in the Settlement Agreement. These issues are highlighted in yellow in the Corridor Analysis table below.

## Conflict Map Analysis

The maps depicted in Figures 3a and 3b use conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help the Agencies identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WWEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). Corridor 116 206 is mostly in areas of medium conflict however, the corridor crosses areas of high conflict between MP 0 and MP 25 as well as several other locations along the corridor.

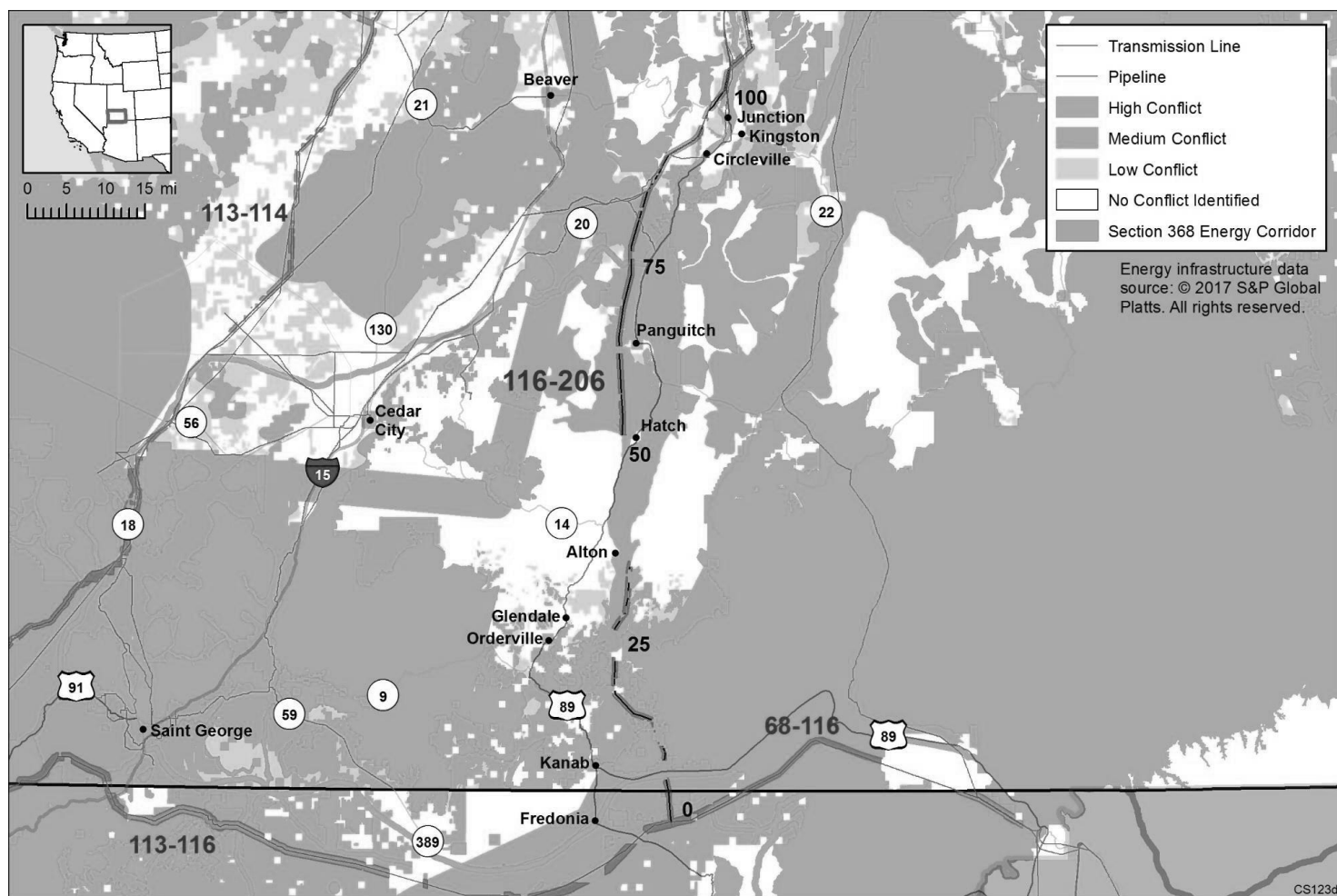


Figure 3a. Mapping of Conflict Areas in Vicinity of the Southern Portion of Corridor 116-206

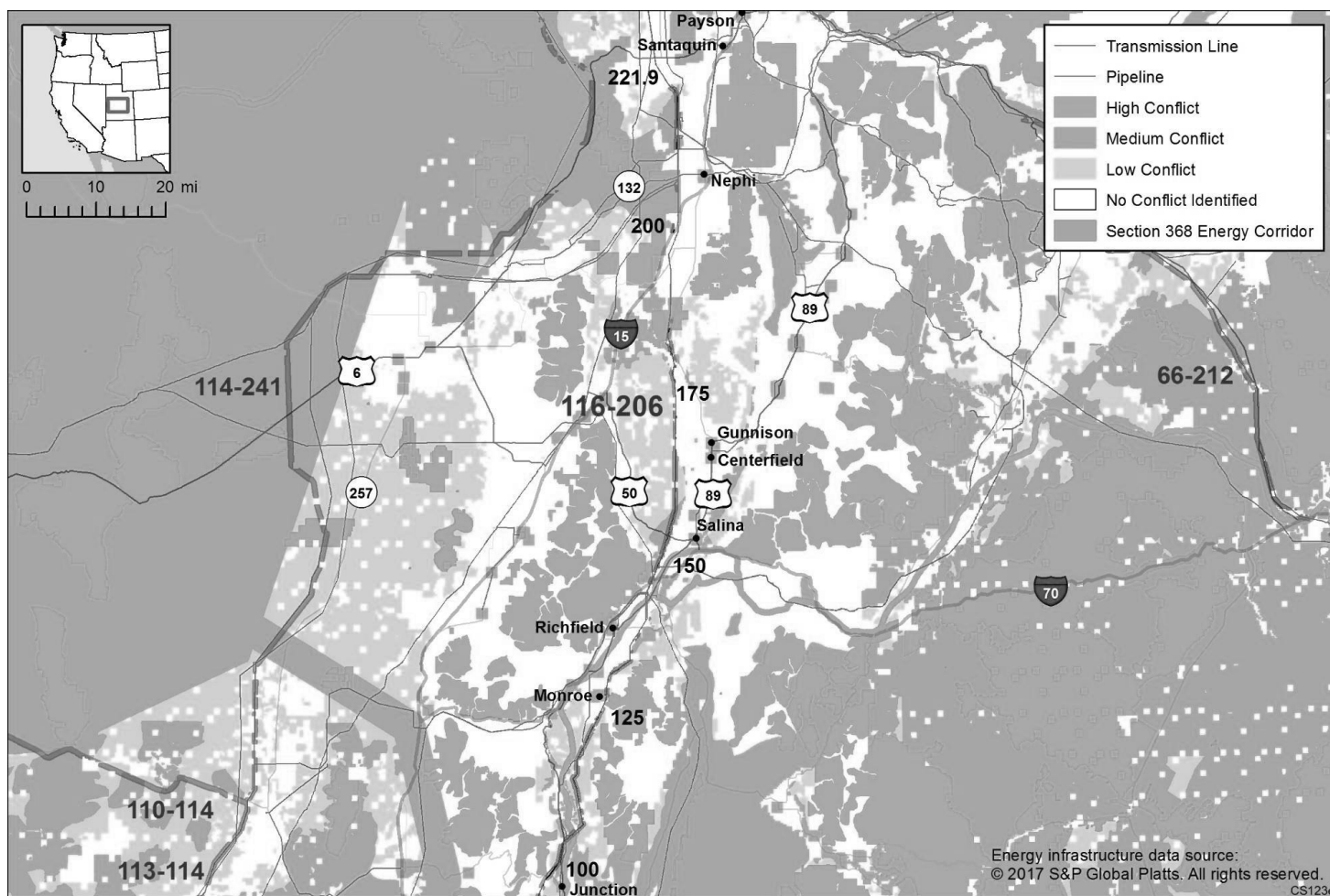


Figure 3b. Mapping of Conflict Areas in Vicinity of the Northern Portion of Corridor 116-206

## Corridor Analysis

The corridor analysis table below identifies concerns affecting Corridor 116 206, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

☒ **Energy Planning Opportunities**

☒ **Energy Planning Concerns**

- ☐ Physical barrier
- ☒ Jurisdictional concern
- ☒ Corridor alignment and spacing
- ☐ Transmission and pipeline capacity concern

☒ **Land Management Responsibilities and Environmental Concerns**

- ☐ Air quality
- ☒ Cultural resources
- ☒ Ecological resources
- ☐ Environmental justice
- ☒ Hydrological resources
- ☒ Lands and realty
- ☒ Lands with wilderness characteristics

- ☐ Livestock grazing
- ☐ Paleontology
- ☒ Public access and recreation
- ☐ Socioeconomics
- ☐ Soils/erosion
- ☒ Specially designated areas
- ☐ Tribal concerns
- ☒ Visual resources

☐ **Interagency Operating Procedures**

**REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE**

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
116 206 .001	NA	Private land	Juab, UT	Currant Creek Natural Gas Power Plant	MP 216.5	GIS Analysis: Currant Creek Natural Gas Power Plant (524 MW) is as close as 0.6 mi east of corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission.
116 206 .002	BLM	Private land, Kanab FO, State land, Fillmore FO	Garfield, Piute, Sevier, Sanpete, and Juab, UT	Substations	Scattered along almost entire length of corridor (MP 53 to MP 221.9)	GIS Analysis: fifty three substations within 5 mi of corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission.
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
116 206 .003	NA	State and private lands	Coconino, AZ and Kane, Garfield, Piute, Sevier, Sanpete, Juab, and Utah, UT	State and private lands in undesignated corridor segments	Entire Corridor	GIS Analysis: state and private lands in undesignated corridor segments	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
<b>Corridor Alignment and Spacing</b>							

## REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
116 206 .004	BLM	Richfield FO	Piute, UT	US Highway 89	MP 103.2 to MP 105.8	GIS Analysis: U.S. Highway 89 runs within the corridor parallel to corridor centerline.	Consistent with BLM ROW regulations, notification to adjacent ROW holders would be provided.
116 206 .005	BLM	Salt Lake FO and private land	Utah, UT	Existing infrastructure	MP 220.3 to MP 221.9	GIS Analysis: Mountainous area with infrastructure crossing designated corridor. Center pivot agriculture in line with undesignated corridor segment.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
116 206 .006	BLM	Fillmore FO	Juab, UT	Existing infrastructure. State land	MP 214.4 to MP 215.4	GIS Analysis: corridor with transmission line following and crossing at angle. State land takes up majority of corridor width.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process. Please review spacing and capacity to identify if additional development can occur in the corridor.
116 206 .007	BLM	Richfield FO	Sanpete and Sevier, UT	Existing infrastructure. Private land	MP 149.7 to MP 151.9 and MP 182.4 to MP 184.7	GIS Analysis: infrastructure intersects designated and undesignated corridor segments. Private lands in undesignated corridor segment.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
116 206 .008	BLM and USFS	Richfield FO, Fishlake National Forest, and State land	Piute, UT	Existing infrastructure. State land	MP 97.8 to MP 103.9	GIS Analysis: Infrastructure crosses corridor at an angle. State land in undesignated corridor segment.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
116 206 .009	BLM	Kanab FO	Kane, UT	Existing structures. Private land	MP 34.4 to MP 36.1	GIS Analysis: Mining operations in undesignated corridor segment. Private lands in undesignated corridor.	Response needed.
LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS							
Air Quality							
Cultural Resources							
116 206 .010	NA	Private land	Garfield, CO	Panguitch Carnegie Library	MP 66.5	GIS Analysis: National Register of Historic Places is as close as 2 mi east of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)

## REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
116 206 .011	NA	Private land	Sevier, UT	Monroe Methodist Episcopal Church; Monroe City Hall; Monroe Presbyterian Church; Simonsen, Soren, House; Elsinore Sugar Factory	MP 129.7 to MP 133.3	GIS Analysis: five properties listed on the NRHP are as close as 0.8 mi west of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
116 206 .012	NA	Private land	Sevier, UT	Johnson, Martin, House	MP 141.1	GIS Analysis: property listed on the NRHP is as close as 1.1 mi east of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
116 206 .013	NA	Private land	Sevier, UT	Wall, Joseph, Gristmill; Glenwood Cooperative Store	MP 141.4	GIS Analysis: two properties listed on the NRHP are as close as 1.2 mi east of undesignated corridor segment.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
<b>Ecology: Special Status Animal Species</b>							
116 206 .014	BLM and USFS	Kanab FO and Fishlake National Forest	Kane and Garfield, UT	GRSG PHMA	MP 25.1 to MP 40.1, MP 43.2 to MP 68, and MP 69.3 to MP 89.5	RFI: Re route or exclude new infrastructure ROWs and avoid all new energy infrastructure development within Greater Sage grouse PACs (34% overlap). Use full mitigation hierarchy to avoid, minimize, and compensate for impacts within 4 mi of important Greater Sage grouse breeding areas. Re route to avoid "Very High" risk to the number and magnitude of flowline crossings by WWEC segments. Where flowlines must unavoidably be crossed, minimize impacts to connectivity.  GIS Analysis: GRSG PHMA intersects corridor.	The Kanab RMP has an avoidance prescription for new ROWs within 0.5 mi of active Greater Sage grouse leks or in nesting and brood rearing habitat. The Fishlake LRMP states that the construction, operation, and maintenance plans for utilities will provide for wildlife mitigation measures in response to Federal and State agency comments. Application for linear ROWs within avoidance areas would be processed by the Forest if, after project evaluation, it was determined that proposed mitigation would meet management standards and guidelines for a given resource, while applications within exclusion areas would not be processed.
<b>Ecology: Vegetation</b>							



REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>Hydrology: Surface Water</b>							
116 206 .015	BLM	Richfield FO and private and State lands	Sanpete, UT	Sevier Bridge Reservoir	MP 180.1 to MP 183.2	GIS Analysis: Sevier Bridge Reservoir intersects undesignated corridor segment and is adjacent to corridor.	Response needed.
116 206 .016	BLM	Arizona Strip FO, Private land, Kanab FO, Richfield FO, Fillmore FO	Coconino, AZ and Garfield, Piute, Sevier, Sanpete, and Juab, UT	Intermittent Streams: White Sage Wash, Johnson Wash, Unknown, Threemile Creek, Bear Creek, Chokecherry Creek, Dry Creek, Manning Creek, Unknown (2), Thompson Creek, Chriss Creek, Little Salt Creek, West Creek	MP 1 to MP 1.1, MP 5.5 to MP 5.9, MP 57.2 to MP 57.4, MP 70.1, MP 76.6 to MP 76.8, MP 89.1 to MP 89.4, MP 108.6 to MP 110.9, MP 122.8, MP 134.1, MP 173.3 to MP 173.6, MP 189.6, MP 191.7, and MP 206.1 to MP 209.5	GIS Analysis: Intermittent streams intersect designated and undesignated corridor segments.	Linear ROWs can either span intermittent streams or be buried underneath them.
116 206 .017	BLM and USFS	Private land, Kanab FO, State land, Fishlake National Forest	Kane, Garfield, Piute, and Sanpete, UT	Streams: Johnson Wash, Kanab Creek, Sevier River, Panguitch Creek, Threemile Creek, Unknown, City Creek	MP 7.4 to MP 13.7, MP 39.7, MP 52.6, MP 65.3 to MP 66, MP 69.5 to MP 70.1, MP 92 to MP 92.3, MP 100.1 to MP 101.2, MP 108.1 to MP 108.9, MP 145.2, and MP 180.1 to MP 181.2	GIS Analysis: Streams intersect designated and undesignated corridor segments.	Linear ROWs can either span streams or be buried underneath them.
116 206 .018	BLM	Private and State lands and Richfield FO	Sevier, Sanpete, and Juab, UT	Canals: Unknown (3)	MP 128.3 to MP 132.9, MP 173.6 to MP 174.8, and MP 195.1	GIS Analysis: Canals intersect designated and undesignated corridor segments.	Linear ROWs can either span canals or be buried underneath them.
<b>Lands and Realty: Rights-of-Way and General Land Use</b>							
116 206 .019	NA	State and private lands	Coconino, AZ and Kane, Garfield, Piute, Sevier, Sanpete,	Land Ownership	Scattered over full corridor length	GIS Analysis: 249.4 acres, originally designated as part of this corridor, are on private or State lands. <sup>2</sup>	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan

REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
			Juab, and Utah, UT				amendment during future project implementation.
116 206 .020				Undisturbed lands	Not specified.	Settlement Agreement. RFI re route to avoid undisturbed areas.	Response needed.
116 206 .021	BLM	Kanab FO	Garfield, UT	ROW Avoidance	MP 54.8 to MP 55.5, MP 76.1 to MP 77.1, and MP 84.2 to MP 85.2	GIS Analysis: ROW avoidance areas intersect corridor.	The Kanab RMP defines avoidance areas as those that contain sensitive resources and/or values where ROWs and Section 302 permits, leases, and easements would be strongly discouraged. Authorizations made in avoidance areas would have to be compatible with the purpose for which the area was designated and not be otherwise feasible on lands outside the avoidance area.
116 206 .022	BLM	Fillmore FO	Juab, UT	NSO	MP 184.7 to MP 190.7 and MP 203.2 to MP 209.4	GIS Analysis: NSO areas intersect corridor.	The House RMP does not mention NSO a eas. BLM please identify the NSO a eas and whether they could affect future development in the corridor.
<b>Lands and Realty: Military and Civilian Aviation</b>							
116 206 .023	BLM	Arizona Strip FO, Kanab FO	Coconino, AZ and Kane, UT	MTR IR	MP 0 to MP 16.9	GIS Analysis: IR intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
<b>Lands and Realty: Transportation</b>							
<b>Lands with Wilderness Characteristics</b>							
116 206 .024	BLM	State land and Kanab FO	Kane, UT	BLM inventoried LWC	MP 8.2 to MP 10.7, MP 11.9 to MP 12.3, MP 16.7 to MP 18.2, and MP 20 to MP 24.4.	RFI: Upper Kanab Creek, Vermilion Cliffs  GIS Analysis: LWC intersect and are adjacent to corridor.	The Kanab RMP lists LWCs as avoidance areas for ROWs.
<b>Public Access and Recreation</b>							
116 206 .025		Private land	Garfield, UT	Mt. Carmel Scenic Byway	MP 53	GIS Analysis: State scenic highway intersects undesignated corridor segment.	Analysis needed is there a state management plan in place for the byway?

REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
116 206 .026	BLM	Kanab FO	Garfield, UT	Scenic Byway 143 Utah's Patchwork Parkway	MP 62.7	GIS Analysis: parkway intersects designated corridor segment.	Analysis needed is there a management plan in place for the byway? The Kanab RMP has no ROW exclusion or avoidance prescriptions for utility corridors to intersect scenic byways.
<b>Specially Designated Areas</b>							
116 206 .027	USFS	Fishlake National Forest and private land	Sevier, UT	Beehive Peak Roadless Area	MP 148.4 to MP 152.9	Settlement Agreement. RFI: re route to avoid U FS Inventoried Roadless Area.  GIS Analysis: roadless area as close as 1 mi west of corridor on BLM land and undesignated corridor segment on private land.	The roadless area does not intersect the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed  The Fishlake LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near Inventoried Roadless Areas.
116 206 .028	USFS	Fishlake National Forest	Piute, UT	Circleview Mountain Roadless Area	MP 89.5 and MP 91.9  MP 89.6 to MP 91.9 and MP 92 to MP 93.7	Settlement Agreement. RFI: re route to avoid USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor.  GIS Analysis: roadless area as close as 0.2 mi west of corridor.	The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed  The Fishlake LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to Inventoried Roadless Areas.
116 206 .029	USFS	Fishlake National Forest and State land	Piute, UT	City Creek Roadless Area	MP 100.6 to MP 101  MP 101 to MP 106.9	Settlement Agreement. RFI: re route to avoid U FS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor.  GIS Analysis: roadless area as close as 0.3 mi west of corridor and undesignated corridor segment on state land.	The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed  The Fishlake LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to Inventoried Roadless Areas.

## REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
116 206 .030	USFS	Fishlake National Forest and State and private lands	Piute and Sevier, UT	Marysvale Peak Roadless Area	MP 117.8 to MP 125.9	Settlement Agreement. RFI: re route to avoid USFS Inventoried Roadless Area.  GIS Analysis: roadless area as close as 0.5 mi east of corridor on BLM land and undesignated corridor segment on state and private land.	The roadless area does not intersect the corridor and would not affect development and management inside of the corridor. U FS review and analysis needed.  The Fishlake LRP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near Inventoried Roadless Areas.
116 206 .031	USFS	Fishlake National Forest and State and private lands	Sevier, UT	Signal Peak Roadless Area	MP 128.5 to MP 131 and MP 134.4 to MP 136.7	Settlement Agreement. RFI: re route to avoid USFS Inventoried Roadless Area.  GIS Analysis: roadless area as close as 0.1 mi east of corridor on BLM land and undesignated corridor segment on state and private land.	The roadless area is as close as 0.1 mi east of the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed.  The Fishlake LRP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near Inventoried Roadless Areas.
116 206 .032	BLM	Kanab FO, Richfield FO and State and private lands	Garfield, Kane, Piute, and Sevier, UT	Old Spanish National Historic Trail	MP 6.2, MP 77, MP 107.9 to MP 108.2, and MP 146.3  MP 110.4 to MP 120.6 and MP 147.1 to MP 153.8	Settlement Agreement. RFI: re route to avoid OSNHT.  GIS Analysis: national historic trail intersects corridor and undesignated corridor segment on private land.  GIS Analysis: NHT as close as 0.7 mi west of corridor and undesignated corridor segments on state and private land.	The OSNHT is a Congressionally designated trail. Adherence to IOPs would be required. Through project specific environmental reviews, impacts would be analyzed in relation to any other alternatives that would be identified. The Agencies recommend an IOP to address development in Section 368 energy corridors while protecting values in Congressionally designated NHTs.  The Kanab and Richfield RMPs have no ROW exclusion or avoidance prescriptions for utility corridors to intersect the OSNHT.

REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
116 206 .033				CPW	Not specified	Settlement Agreement. RFI: re route to avoid UT Proposed Wilderness.	Wilderness inventory would be taken during the project NEPA and BLM would consider citizen proposed wilderness during that time. If there is existing transmission, the existing lines would not be included in lands with wilderness characteristics but could be a boundary to wilderness inventory areas.
116 206 .034	BLM	Kanab FO and Private Land	Kane, UT	Grand Staircase Escalante National Monument	MP 7.8 to MP 14 and MP 23.9 to MP 27.3	Settlement Agreement. RFI: re route to avoid Monument.  GIS Analysis: National Monument as close as 0.3 mi east of corridor and undesignated corridor segment on private land.	The corridor is not in the Monument. BLM response needed.  The Kanab RMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near the Grand Staircase Escalante National Monument.
116 206 .035	BLM	Arizona Strip FO	Coconino, AZ	Johnson Spring ACEC	MP 2.4 to MP 4.1	GIS Analysis: ACEC intersects corridor.	The Arizona Strip RMP has no specific ROW exclusion or avoidance prescriptions for utility corridors in the Johnson Spring ACEC.
	USFS	Fishlake National Forest and Private Land	Sevier, UT	Beehive Peak SDA	MP 148.4 to MP 152.9	GIS Analysis: SDA as close as 1 mi west of corridor on BLM land and undesignated corridor segment on private land	Question to USFS Are these the same as the roadless areas and therefore duplicative?
	USFS	Fishlake National Forest	Piute, UT	Circleville Mountain SDA	MP 89.5 and MP 91.9 MP 89.6 to MP 91.9 and MP 92 to MP 93.7	GIS Analysis: SDA adjacent to corridor  GIS Analysis: SDA as close as 0.2 mi west of corridor	
	USFS	Fishlake National Forest and State Land	Piute, UT	City Creek SDA	MP 100.6 to MP 101 MP 101 to MP 106.9	GIS Analysis: SDA adjacent to corridor  GIS Analysis: SDA as close as 0.3 mi west of corridor and undesignated corridor segment on state land	

## REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
	USFS	Fishlake National Forest, State Land, and Private Land	Piute and Sevier, UT	Marysville Peak SDA	MP 117.8 to MP 125.9	GIS Analysis: SDA as close as 0.5 mi east of corridor on BLM land and undesignated corridor segment on state and private land	
	USFS	Fishlake National Forest, State Land, and Private Land	Sevier, UT	Signal Peak SDA	MP 128.5 to MP 131 and MP 134.4 to MP 136.7	GIS Analysis: SDA as close as 0.1 mi east of corridor on BLM land and undesignated corridor segment on state and private land	
<b>Tribal Concerns</b>							
<b>Visual Resources</b>							
116 206 .036	BLM	Arizona Strip FO, Kanab FO	Coconino, AZ, and Kane and Garfield, UT	VRM Class II	MP 0.6 to MP 1.3, MP 2.4 to MP 4.1, MP 8.2 to MP 17.5, MP 20.7 to MP 23.7, and MP 55.4 to MP 55.8	GIS Analysis: VRM Class II areas intersect designated and undesignated corridor segments.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
116 206 .037	BLM	Arizona Strip FO, Kanab FO, Grand Staircase Escalante National Monument, Fillmore FO	Coconino, AZ and Kane, Garfield, and Juab, UT	VRM Class II	MP 0 to MP 0.6, MP 1.3 to MP 1.7, MP 4.9 to MP 8.2, MP 17.5 to MP 20.7, MP 23.7 to MP 30.3, MP 80.8 to MP 84.2, MP 85.2 to MP 87.1, MP 89.6 to MP 93.8, and MP 182.4 to MP 186.3	GIS Analysis: VRM Class II areas are as close as 0.8 mi east and west of designated and undesignated corridor segments.	The Arizona Strip and Kanab RMPs have no ROW exclusion or avoidance prescriptions for utility corridors to be located in VRM Class II areas. Visual design considerations should include reasonable attempt to meet the VRM class objectives for the area and minimize the visual impacts of the proposal.
116 206 .038	BLM	Arizona Strip FO, Kanab	Coconino, AZ and Kane,	VRM Class III	Scattered throughout entire corridor	GIS Analysis: VRM Class III areas intersect corridor.	VRM class objectives are binding land use plan decisions. Transmission

REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
		FO, Richfield FO, Fillmore FO	Garfield, Piute, Sevier, Sanpete, Juab, UT				facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
116 206 .039	BLM	Kanab FO, Richfield FO, and Fillmore FO	Kane, Garfield, Piute, Sevier, Sanpete, Juab, UT	VRM Class III	Scattered throughout entire corridor	GIS Analysis: VRM Class III areas are as close as 0.1 mi east and west of designated and undesignated corridor segments.	
116 206 .040	BLM	Arizona Strip FO, Kanab FO, Richfield FO, Fillmore FO, and Salt Lake FO	Coconino, AZ and Kane, Garfield, Piute, Sevier, Sanpete, Juab, and Utah, UT	VRM Class IV	MP 0 to MP 0.6, MP 4.3 to MP 5.8, MP 16.6 to MP 17.5, MP 18.9 to MP 37.1, MP 54.8 to MP 89.6, MP 95 to MP 105.8, MP 109 to MP 136.7, MP 143.4 to MP 143.6, MP 152.8 to MP 153.4, MP 159.4 to MP 180, MP 184.2 to MP 187.9, and MP 220.4 to MP 221.9	GIS Analysis: VRM Class IV areas intersect corridor.	While VRM Class IV objectives allow for major modification to occur and management activities may dominate the view, minimizing visual contrast remains a requirement of these VRM class objectives. Ratings are required in areas of high sensitivity or high impact (VRM MS 8400).
116 206 .041	BLM	Kanab FO, Richfield FO, and Fillmore FO	Kane, Piute, Sevier, Sanpete, and Juab, UT	VRM Class IV	MP 2.3 to MP 4.3, MP 5.8 to MP 9.8, MP 14.6 to MP 16.6, MP 17.5 to MP 18.9, MP 39.3 to MP 40.5, MP 105.8 to MP 108.5, MP 136.7 to MP 142.4, MP 149.9 to MP 152.8, MP 153.4 to MP 159.4, MP 180 to MP 184.2, MP 187.9 to	GIS Analysis: VRM Class IV areas are as close as 0.3 mi east and west of designated and undesignated corridor segments.	



REGION 3 – CORRIDOR 116-206 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
					MP 191.3, and MP 192.8 to MP 210.5		

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.

<sup>2</sup> According to the 5/12/2015 version of the SMA data.

## Abstract Acronyms and Abbreviations

ACEC = Area of Critical Environmental Concern; BLM = Bureau of Land Management; FO = Field Office; GIS = geographic information system; GRSG = Greater Sage Grouse; IOP = Interagency Operating Procedure; IR = Instrument Route; LRMP = Land and Resource Management Plan; LWC = Lands with Wilderness Characteristics; MP = milepost; MS = Manual Section; MTR = Military Training Route; NEPA = National Environmental Policy Act; NSO = No Surface Occupancy; OSNHT = Old Spanish National Historic Trail; PAC = Priority Areas for Conservation; PEIS = Programmatic Environmental Impact Statement; PHMS = Priority Habitat Management Area; NSO = No Surface Occupancy; RFI = request for information; RMP = Resource Management Plan; ROD = Record of Decision; ROW = right of way; USFS = U.S. Forest Service; VR = Visual Route; VRM = Visual Resource Management; WWEC = West wide Energy Corridor.



# Corridor 110-114

## Alternate Name

## Introduction

Corridor 110 114 (Figures 1 and 2) begins 18 miles southeast of Ely in White Pine County in eastern Nevada and extends southeast into Utah, terminating in Beaver County, 3 miles west of Milford, Utah. The corridor joins with Corridor 44 110 and Corridor 110 233 on its western end and with Corridors 113 114 and Corridor 114 241 on the eastern end. Corridor 110 114 follows State Route 21 from MP 81 to MP 155.6. Federally designated portions of this corridor are entirely on USFS and BLM administered land. Corridor 110 114 is designated as multi modal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 155.6 miles long and 3,500 feet wide with 133.7 miles designated on Federally administered lands. The designated area is 55,444.9 acres or 86.6 square miles. This corridor passes through White Pine County, NV, and Beaver and Millard Counties, UT. The corridor is under the jurisdiction of the BLM Cedar City, Fillmore, Schell and Egan Field Offices and the Humboldt Toiyabe National Forest. This corridor is entirely in Region 3.

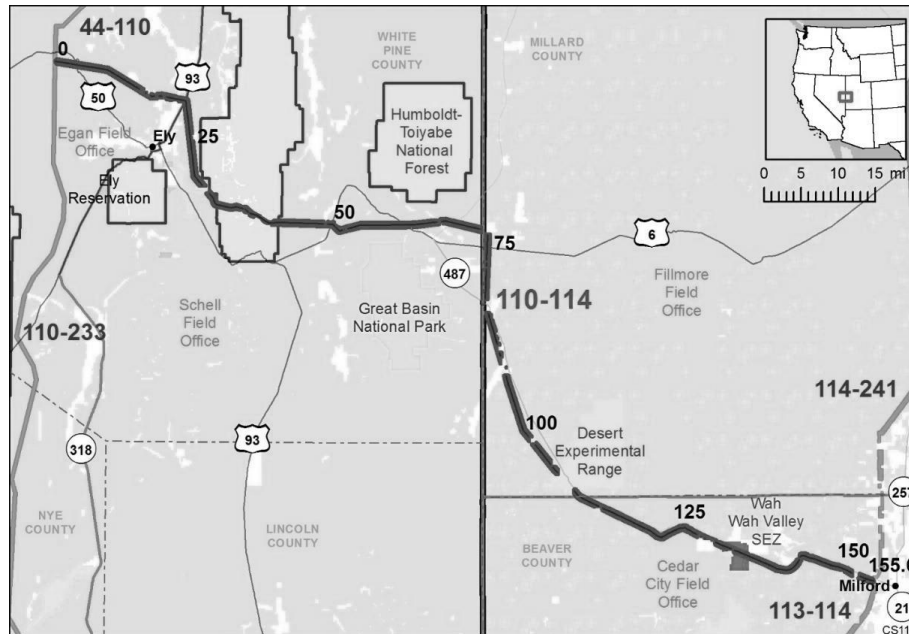
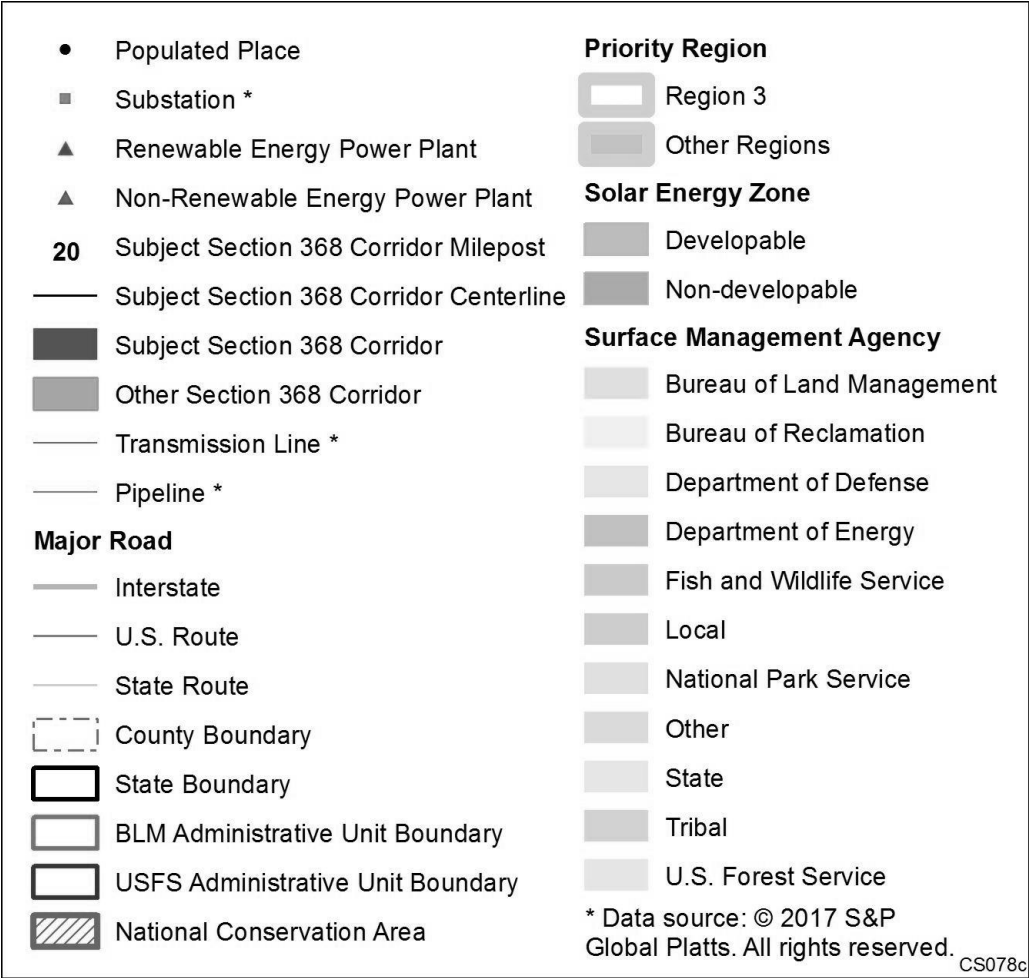


Figure 1. Corridor 110-114



Key

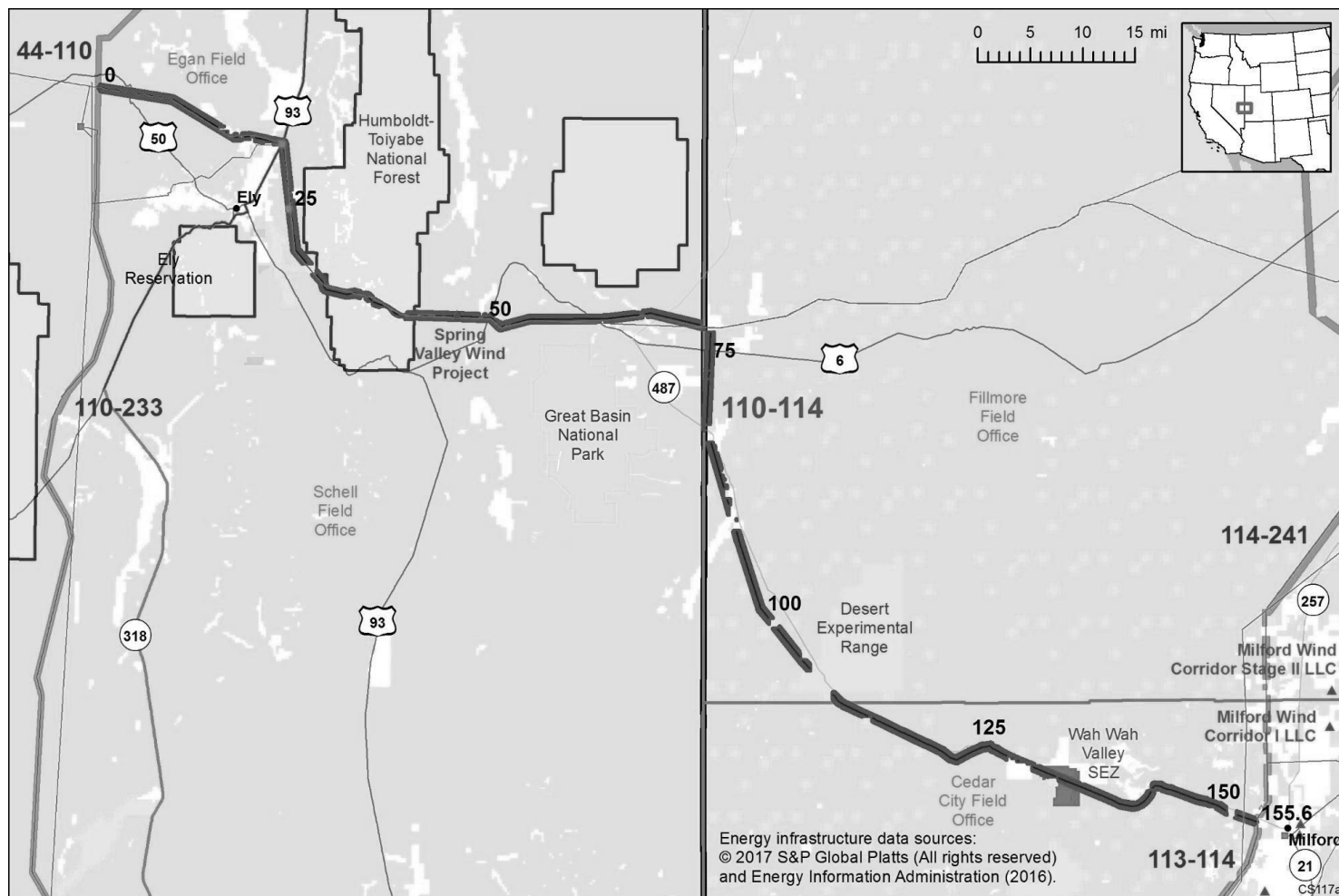


Figure 2. Corridor 110-114, Including Existing Energy Infrastructure

## Corridor Rationale

During scoping for the WVEC PEIS, a route generally following this corridor was suggested by National Grid.

*Existing Infrastructure:* The corridor is occupied by an electric transmission line in most of the Nevada portion. The corridor follows several electric transmission lines including 230 kV and 345 kV lines operated by Sierra Pacific Power Company (NV Energy) from MP 0 to MP 18.9 and two 230 kV lines operated by PacifiCorp and Intermountain Power Agency from MP 18.9 to MP 71.4. There are three substations within the corridor and four substations within 5 miles of the corridor. There are two solar power plants and the Spring Valley Wind Project within 5 miles of the corridor. The Wah Wah Valley Solar Energy Zone is intersected by the corridor.

*Potential for Future Development:* The Platts data do not show any planned projects near this corridor. During interviews for the Corridor Study, Agencies indicated that there were no pending ROW applications within the corridor.

## Corridor of Concern Status

This corridor was identified in the Settlement Agreement as a corridor of concern. Concerns regarding impacts on Greater Sage grouse habitat, undisturbed lands, and USFS Inventoried Roadless Area were identified in the Settlement Agreement for Nevada. Concerns regarding impacts on undisturbed lands, National Historic Place, BLM Wilderness Study Area, and UT proposed Wilderness were identified for Utah. These issues are highlighted in yellow in the Corridor Analysis table below.

## Conflict Map Analysis

The map depicted in Figure 3 uses conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WVEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). Corridor 110 114 is mostly in areas of medium conflict in Utah, but the corridor crosses several high conflict areas in Nevada between MP 0 and MP 50. The corridor generally runs through medium and low conflict areas between MP 50 and MP 150.

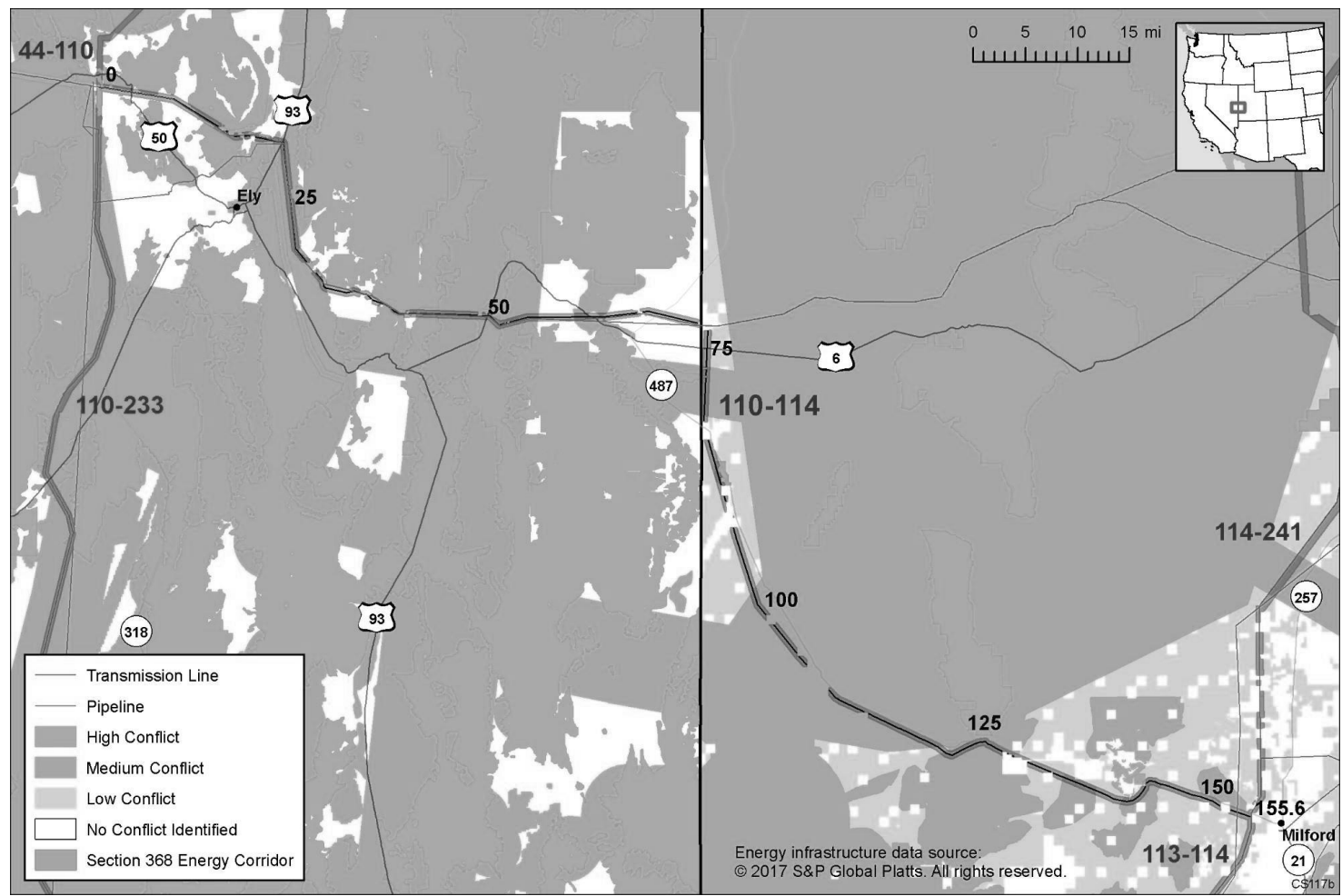


Figure 3. Mapping of Conflict Areas in Vicinity of Corridor 110-114

## Corridor Analysis

The corridor analysis table below identifies concerns affecting Corridor 110 114, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

☒ **Energy Planning Opportunities**

☒ **Energy Planning Concerns**

- ☐ Physical barrier
- ☒ Jurisdictional concern
- ☒ Corridor alignment and spacing
- ☐ Transmission and pipeline capacity concern

☒ **Land Management Responsibilities and Environmental Concerns**

- ☐ Air quality
- ☒ Cultural resources
- ☒ Ecological resources
- ☐ Environmental justice
- ☒ Hydrological resources
- ☒ Lands and realty
- ☒ Lands with wilderness characteristics

- ☐ Livestock grazing
- ☐ Paleontology
- ☒ Public access and recreation
- ☐ Socioeconomics
- ☐ Soils/erosion
- ☒ Specially designated areas
- ☐ Tribal concerns
- ☒ Visual resources

☐ **Interagency Operating Procedures**

**REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE**

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
110 114 .001	BLM	Cedar City FO	Beaver, UT	Wah Wah Valley SEZ	MP 132.7 to MP 136.9	GIS Analysis: the Wah Wah Valley SEZ overlaps the corridor.	The SEZ provides an opportunity for the corridor to accommodate transmission tied to renewable energy development.
110 114 .002	NA	Private land	Beaver, UT	Granite Peak Solar Power Plant	MP 155.6	GIS Analysis: Granite Peak Solar Power Plant (3 MW) is as close as 4.1 mi east of end of corridor.	These power plants provide an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
110 114 .003	NA	Private land	Beaver, UT	Milford 2 Solar Power Plant	MP 155.6	GIS Analysis: Milford 2 Solar Power Plant (3 MW) is as close as 4.2 mi east of end of corridor.	
110 114 .004	BLM	Egan FO and private land	White Pine, NV and Beaver, UT	Thirty Mile/Robinson Summit, Milford, Blue Mountain Biogas, and Links Solar Center Substations	MP 0 and MP 155.6	GIS Analysis: four substations within 5 mi of corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission tied to renewable energy.

## REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
110 114 .005	BLM	Schell FO	White Pine, NV	Gonder, Ely Wind Generation, and Spring Valley Substations	MP 18.7 to MP 19, MP 25.1, and MP 46.6 to MP 46.8.	GIS Analysis: three substations within corridor.	Substations provide an opportunity for the corridor to accommodate additional transmission, but within the corridor they can affect the availability of space within the corridor for additional transmission and pipeline development
110 114 .006	BLM	Schell FO	White Pine, NV	Spring Valley Wind Project	MP 45.7 to MP 48.7	GIS Analysis: Spring Valley Wind Project (150 MW) intersects corridor.	Wind project provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
110 114 .007	NA	Private land	Millard, UT	Garrison, UT	MP 82.7	GIS Analysis: populated place in undesignated corridor segment on private land.	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
110 114 .008	USFS	USFS	Millard, UT	Desert Experimental Range	MP 107 to MP 109.9	GIS Analysis: experimental station intersects undesignated corridor segment on USFS land.	Question for USFS: Could the corridor be designated across the Experimental Range?
110 114 .009	NA	State and private lands	White Pine, NV and Millard and Beaver, UT	State and private lands in undesignated corridor segments	Entire Corridor	GIS Analysis: state and private lands in undesignated corridor segments.	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
<i>Corridor Alignment and Spacing</i>							
110 114 .010	BLM	Fillmore FO and Cedar City FO	Millard and Beaver, UT	Utah State Highway 21	MP 110.2 to MP 155.2	GIS Analysis: Utah State Highway 21 is parallel and adjacent to corridor.	Consistent with BLM ROW regulations, notification to adjacent ROW holders would be provided.

## REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
							NOTE: Need to add UT 21 to Figures 1 and 2.
110 114 .011	BLM	Cedar City FO	Beaver, UT	Wah Wah Valley SEZ	MP 132.7 to MP 136.9	GIS Analysis: the Wah Wah Valley SEZ overlaps the corridor, potentially restricting future development of transmission and pipelines.	Agencies recommend avoidance or restriction of nonlinear features, such as geothermal and solar energy development, within the Section 368 energy corridors.
110 114 .012	BLM	Schell FO	White Pine, NV	Gonder, Ely Wind Generation, and Spring Valley Substations	MP 18.7 to MP 19, MP 25.1, and MP 46.6 to MP 46.8.	GIS Analysis: three substations within corridor.	Agencies recommend avoidance or restriction of nonlinear features, such as geothermal and solar energy development, within the Section 368 energy corridors.
110 114 .013	BLM	Schell FO	White Pine, NV	Spring Valley Wind Project	MP 45.7 to MP 48.7	GIS Analysis: Spring Valley Wind Project (150 MW) intersects corridor.	Agencies recommend avoidance or restriction of nonlinear features, such as geothermal and solar energy development, within the Section 368 energy corridors.
110 114 .014	NA	Private and State lands	White Pine, NV and Millard, UT	Existing structures	MP 71 to MP 72.4, MP 81.2 to MP 83, and MP 89.2 to MP 91.8	GIS Analysis: State and private lands with center pivot irrigation fields in undesignated corridor segments.	Response needed.
110 114 .015	BLM	Fillmore FO	Millard, UT	Water body	MP 85.5 to MP 86.3	GIS Analysis: Water body limits width of corridor on east in areas of NSO. Available BLM jurisdiction to west may be better for corridor.	The House RMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to waterbodies, but Pruess Lake does restrict designated corridor width. BLM review needed.
110 114 .016	NA	Private land	White Pine, NV	Existing structures	MP 15.5 to MP 16.2	Low density residential development and center pivot irrigation occupy undesignated corridor segment.	Response needed.
LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS							
Air Quality							
Cultural Resources							
110 114 .017	BLM	Cedar City FO	Beaver, UT	Frisco Charcoal Kilns	MP 144.8	Settlement Agreement, RFI: Re route to avoid National Historic Place.	Section 106 process would be followed to identify any possible impact of development.



REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
						GIS Analysis: property listed on the NRHP is as close as 0.5 mi west of corridor.	The Cedar Beaver Garfield Antimony RMP has no ROW exclusion or avoidance stipulations for utility corridors to be located near a structure on the National Register of Historic Places.
<b>Ecology: Special Status Animal Species</b>							
110 114 .018	BLM	Schell FO	White Pine, NV	Nevada and Northeastern California GRSG PHMA	MP 22.4 to MP 28.4	Settlement Agreement. RFI: Re route or exclude new infrastructure ROWs and avoid all new energy infrastructure development within Greater Sage grouse PHMAs (4% overlap). Use full mitigation hierarchy to avoid, minimize, and compensate for impacts within 4 miles of important GRSG breeding areas.  GIS Analysis: GRSG PHMA intersects corridor.	The Ely RMP states that outside of designated corridors, above ground facilities will not be constructed within 0.25 mi of Greater Sage grouse leks. The RMP lists other objectives for protection of the Greater Sage grouse and its habitat.
110 114 .019	BLM and USFS	Egan FO, Schell FO, and Humboldt Toiyabe National Forest	White Pine, NV	Nevada and Northeastern California GSG GHMA	MP 9.4 to MP 15.4, MP 16.5 to MP 22.5, MP 26.2 to MP 26.5, MP 28.2 to MP 33, MP 42.9 to MP 44.9, MP 49.1 to MP 51.4, and MP 58.9 to MP 62	GIS Analysis: GRSG GHMA intersects and is adjacent to corridor.	The Ely RMP states that outside of designated corridors, above ground facilities will not be constructed within 0.25 mi of Greater Sage grouse leks. The RMP lists other objectives for protection of the Greater Sage grouse and its habitat. The Humboldt Forest LRMP has no ROW exclusion or avoidance stipulations for Greater Sage grouse, but consultation with USFWS is required for any project that may affect listed species.
<b>Ecology: Vegetation</b>							
<b>Hydrology: Surface Water</b>							

## REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
110 114 .020	BLM	Egan FO, Schell FO, Fillmore FO, and Cedar City FO	White Pine, NV and Millard and Beaver, UT	Intermittent Streams: Unknown (7), Steptoe Creek, Mill Creek, Weaver Creek	MP 11.4 to MP 16.2, MP 48.8 to MP 49, MP 59.9 to MP 61.7, MP 65.4 to MP 70.3, MP 76.2 to MP 76.5, MP 82.8 to MP 82.9, MP 110.6 to MP 112.8, MP 136.2 to MP 136.3, and MP 149.5 to MP 150.4	GIS Analysis: Intermittent streams intersect corridor.	Linear ROWs can either span intermittent streams or be buried underneath them.
110 114 .021	BLM	State land, private land, and Fillmore FO	White Pine, NV and Millard, UT	Stream: Steptoe Creek, Unknown (2), Snake River, Big Wash, Lake Creek	MP 31.3 to MP 31.5, MP 64.9 to MP 65.3, MP 84.7 to MP 84.8, MP 85.5 to MP 85.7, and MP 89.2 to MP 90.1	GIS Analysis: Streams intersect designated and undesignated corridor segment.	Linear ROWs can either span intermittent streams or be buried underneath them.
110 114 .022	BLM	Fillmore FO	Millard, UT	Canal: Unknown	MP 76.4 to MP 76.6	GIS Analysis: A Canal intersects corridor.	Linear ROWs can either span intermittent streams or be buried underneath them.
<b>Lands and Realty: Rights of Way and General Land Use</b>							
110 114 .023	BLM	Egan FO, Schell FO, Fillmore FO, and Cedar City FO	White Pine, NV and Millard and Beaver, UT	Land Ownership	Scattered over full corridor length	GIS Analysis: 123.7 acres, originally designated as part of this corridor, are on private or State lands. <sup>2</sup>	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan amendment during future project implementation.
110 114 .024	USFS and BLM	Humboldt Toiyabe National Forest and Fillmore FO	White Pine, NV and Millard, UT	ROW Avoidance	MP 40.5 to MP 42.3 and MP 85.6 to MP 87.4	GIS Analysis: ROW avoidance areas intersect and are adjacent to corridor.	Agency review and analysis response is needed on the avoidance areas and whether they could affect future development or if the corridor width takes into account the ROW avoidance areas.
110 114 .025	BLM and USFS	Egan FO, Schell FO, Humboldt Toiyabe National Forest, and private land	White Pine, NV	ROW Exclusion	Scattered along corridor from MP 0 to MP 61.9	GIS Analysis: ROW exclusion areas intersect corridor.	Agencies identify exclusion areas and whether they could affect future development in the corridor.

## REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
110 114 .026	BLM	Fillmore FO	Millard, UT	NSO	MP 85.2 to MP 87.6	GIS Analysis: NSO areas intersect corridor.	Agencies identify NSO areas and whether they could affect future development in the corridor.
<b>Lands and Realty: Military and Civilian Aviation</b>							
110 114 .027	BLM	Schell FO and Fillmore FO	White Pine, NV	MTR VR	MP 43.5 to MP 55.4 and MP 75.8 to MP 80.6	GIS Analysis: VR intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
110 114 .028	BLM	Fillmore FO and Cedar City FO	Millard and Beaver, UT	MTR IR	MP 97.9 to MP 122.4	GIS Analysis: IR intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
110 114 .029	BLM	Cedar City FO	Beaver, UT	DoD Special Use Airspace MOA	MP 123.9 to MP 126.6	GIS Analysis: MOA is adjacent to corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
<b>Lands and Realty: Transportation</b>							
<b>Lands with Wilderness Characteristics</b>							
110 114 .030	BLM	Cedar City FO	Beaver, UT	LWC	MP 113.3 to MP 118.2, MP 122.8 to MP 130.7, MP 135.5 to MP 138.9, MP 141.5 to MP 146.4, and MP 150.4 to MP 155	RFI: North Wah Wah and Central Wah Wah Mountains  GIS Analysis: LWC intersect and are adjacent to corridor.	Prior to designating new corridors or prior to conducting surface disturbing activities in areas of designated corridors or recommended corridor revisions, the BLM will be required to follow the procedures as outlined in BLM Manual 6310 (Conducting Wilderness Characteristics Inventory on BLM Lands [Public]).  The Cedar Beaver Garfield Antimony RMP does not mention LWCs.
<b>Public Access and Recreation</b>							
110 114 .031	BLM	Egan FO, Schell FO, and private land	White Pine, NV	The Loneliest Road in America	MP 3 to MP 3.1, MP 50 to MP 50.3, and MP 60 to MP 61.1	GIS Analysis: State scenic highway crosses designated and undesignated corridor segments	Analysis needed is there a management plan in place for the state highway?

REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
						multiple times and generally follows the path of the corridor.	
<b><i>Specially Designated Areas</i></b>							
110 114 .032	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Cave Creek Roadless Area	MP 34 to MP 35.9 MP 32.5 to MP 34 and MP 35.9 to MP 38.1	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor  GIS Analysis: roadless area as close as 0.2 mi north of corridor	The roadless area is not in the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed. The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near or adjacent to roadless areas.
110 114 .033	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Cooper Roadless Area	MP 39.3 to MP 42.2	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor	The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed. The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near or adjacent to roadless areas.
110 114 .034	BLM	Schell FO	White Pine, NV	Snake Peacock Cyn Roadless Area	MP 54.7 to MP 56.8	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area as close as 1.6 mi south of corridor	The roadless area is not in the corridor and would not affect development and management inside of the corridor. BLM and USFS review and analysis needed.
110 114 .035	USFS	Humboldt Toiyabe National Forest	White Pine, NV	South Schell Roadless Area	MP 38.4 to MP 43	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor	The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed. The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near or adjacent to roadless areas.

REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
110 114 .036	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Duck Creek Mtns. Roadless Area	MP 21.5 to MP 30.2	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area as close as 0.8 mi east of corridor	The roadless area is not in the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed. The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near or adjacent to roadless areas.
110 114 .037	BLM	Egan FO and private land	White Pine, NV	Bristlecone Wilderness	MP 13.3 to MP 15.1	GIS Analysis: wilderness area as close as 0.9 mi north of corridor and undesignated corridor segment on private land	The Ely RMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near wilderness areas.
110 114 .038	USFS	Humboldt Toiyabe National Forest	White Pine, NV	High Schells Wilderness	MP 40.5 to MP 42.3	GIS Analysis: wilderness area is adjacent to corridor	The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located near wilderness areas.
110 114 .039	BLM	Cedar City FO	UT	CPW	Not specified.	Settlement Agreement. RFI: Re route to avoid proposed Wilderness RFI: Central Wah Wah Mountains, Mountain Home Range N.	Wilderness inventory would be taken during the project NEPA and BLM would consider citizen proposed wilderness during that time. If there is existing transmission, the existing lines would not be included in lands with wilderness characteristics but could be a boundary to wilderness inventory areas.
110 114 .040	BLM	Cedar City FO	Beaver, UT	Wah Wah Mountains WSA	MP 125.5 to MP 128	Settlement Agreement. RFI: Re route to avoid BLM WSA  GIS Analysis: wilderness study area as close as 0.2 mi north of corridor	WSA and corridor do not intersect. BLM please indicate if development in corridor would be pervasive or omnipresent.  The Cedar Beaver Garfield Antimony RMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near WSAs.

REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
110 114 .041	BLM	Schell FO	White Pine, NV	Snake Creek Indian Burial Cave ACEC	MP 83.6 to MP 83.9	GIS Analysis: ACEC as close as 1.5 mi west of corridor	The corridor does not cross the ACEC. The Ely RMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near ACECs.
110 114 .042	BLM	Schell FO	White Pine, NV	Swamp Cedar ACEC	MP 48.4 to MP 49.2	GIS Analysis: ACEC as close as 0.6 mi north of corridor	The corridor does not cross the ACEC. The Ely RMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near ACECs.
110 114 .043	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Cave Creek SDA	MP 34 to MP 35.9 MP 32.5 to MP 34 and MP 35.9 to MP 38.1	GIS Analysis: SDA adjacent to corridor  GIS Analysis: specially designated area as close as 0.2 mi north of corridor	The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near SDAs. Note to USFS Is there a difference between the Cave Creek SDA and the Cave Creek roadless area or is this a GIS data naming issue? Should these multiple SDA entries be deleted as duplicative? This question applies to multiple corridor abstracts with roadless areas.
110 114 .044	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Cooper SDA	MP 39.3 to MP 42.2	GIS Analysis: SDA adjacent to corridor	The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to SDAs.
110 114 .045	USFS	Humboldt Toiyabe National Forest	White Pine, NV	Duck Creek Mtns. SDA	MP 21.5 to MP 30.2	GIS Analysis: SDA as close as 0.8 mi east of corridor	The corridor does not cross the SDA. The Humboldt Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near SDAs.
110 114 .046	BLM	Schell FO	White Pine, NV	Snake Peacock Cyn SDA	MP 54.7 to MP 56.8	GIS Analysis: SDA as close as 1.6 mi south of corridor	The corridor does not cross the SDA. The Ely RMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near SDAs.
110 114 .047	USFS	Humboldt Toiyabe	White Pine, NV	South Schell SDA	MP 38.4 to MP 43	GIS Analysis: SDA adjacent to corridor	The Humboldt Forest LRMP has no ROW exclusion or avoidance

REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
		National Forest					prescriptions related to utility corridors being located near or adjacent to SDAs.
<b>Tribal Concerns</b>							
<b>Visual Resources</b>							
110 114 .048	BLM	Fillmore FO	Millard, UT	VRM Class II	MP 85.6 to MP 87.4	VRM Class II area intersects corridor.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).  The House RMP has no ROW exclusion or avoidance prescriptions related to utility corridors being located in VRM Class II areas. However, all ROWs must comply with applicable VRM class guidelines.
110 114 .049	BLM	Cedar City FO	Beaver, UT	VRM Class III	MP 123.7 to MP 128.3 and MP 142.6 to MP 142.8	VRM Class III areas intersect and are adjacent to corridor.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual
110 114 .050	BLM	Cedar City FO	Beaver, UT	VRM Class III	MP 138.2 to MP 142.6 and MP 142.6 to MP 145.3	VRM Class III areas are as close as 0.1 mi north of corridor.	



REGION 3 – CORRIDOR 110-114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
							Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
110 114 .051	BLM	Fillmore and Cedar City FOs	Millard and Beaver, UT	VRM Class IV	MP 72.4 to MP 124.8 and MP 128 to MP 155.6	VRM Class IV areas intersect corridor.	While VRM Class IV objectives allow for major modification to occur and management activities may dominate the view, minimizing visual contrast remains a requirement of these VRM class objectives. Ratings are required in areas of high sensitivity or high impact (VRM MS 8400).

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.

<sup>2</sup> According to the 5/12/2015 version of the SMA data.

## Abstract Acronyms and Abbreviations

ACEC = Area of Critical Environmental Concern; BLM = Bureau of Land Management; CPW = Citizens' Proposed Wilderness; DoD = Department of Defense; FO = Field Office; GHMA = General Habitat Management Area; GIS = geographic information system; GRSG = Greater Sage grouse; IOP = interagency operating procedure; IR = Instrument Route; LRMP = Land and Resource Management Plan; LWC = Lands with Wilderness Characteristics; MOA = Military Operations Area; MP = milepost; MS = Manual Section; MTR = Military Training Route; NEPA = National Environmental Policy Act; NRHP = National Register of Historic Places; NSO = No Surface Occupancy; PHMS = Priority Habitat Management Area; PEIS = Programmatic Environmental Impact Statement; NSO = No Surface Occupancy; RFI = request for information; RMP = Resource Management Plan; ROW = right of way; SDA = Specially Designated Area; SEZ = Solar Energy Zone; SMA = surface management agency; USFS = U.S. Forest Service; USFWS = U.S. Fish and Wildlife Service; VR = Visual Route; VRM = Visual Resource Management; WSA = Wilderness Study Area; WWEC = West wide Energy Corridor.



# Corridor 113-114

## Alternate Name

## Introduction

Corridor 113 114 (Figures 1 and 2) begins at its junction with Corridor 39 113 and Corridor 113 116 and extends northeast ending west of the town of Milford where it joins Corridor 110 114 and Corridor 114 241. Federally designated portions of this corridor are 3,500 feet in width on BLM administered lands and vary from 4,250 to 10,800 feet on the Dixie National Forest. Corridor 113 114 is multi modal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 127.3 miles long with 87 miles designated on USFS and BLM administered lands. The designated area is 38,959 acres or 60.9 square miles. This corridor is in Beaver, Iron, and Washington counties in Utah and in Lincoln County, Nevada under the BLM jurisdiction of the St. George, Cedar City, and Caliente Field Offices and the USFS jurisdiction of the Dixie National Forest. This corridor is entirely in Region 3.

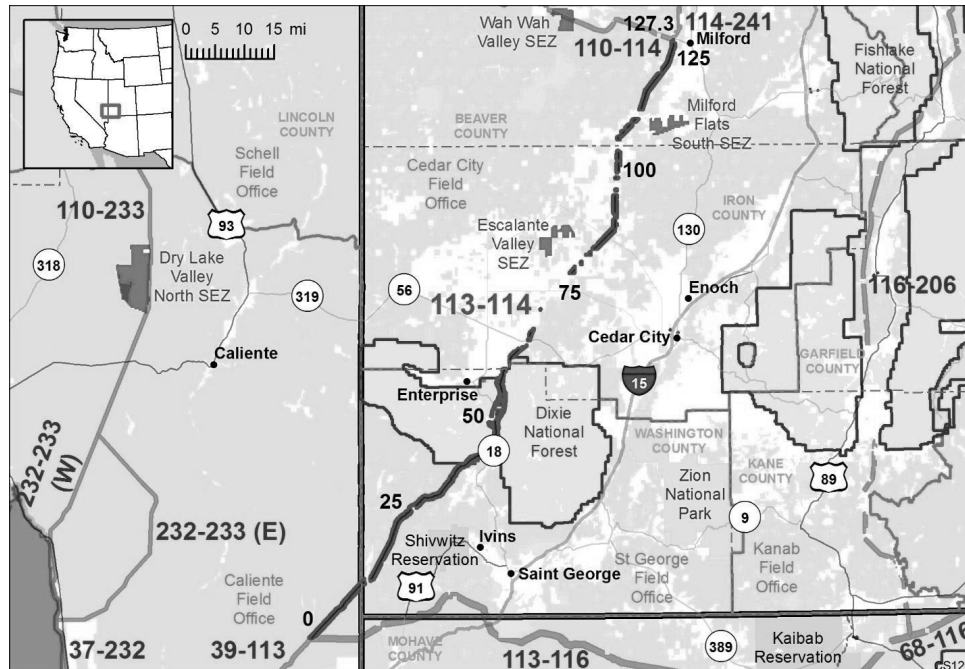
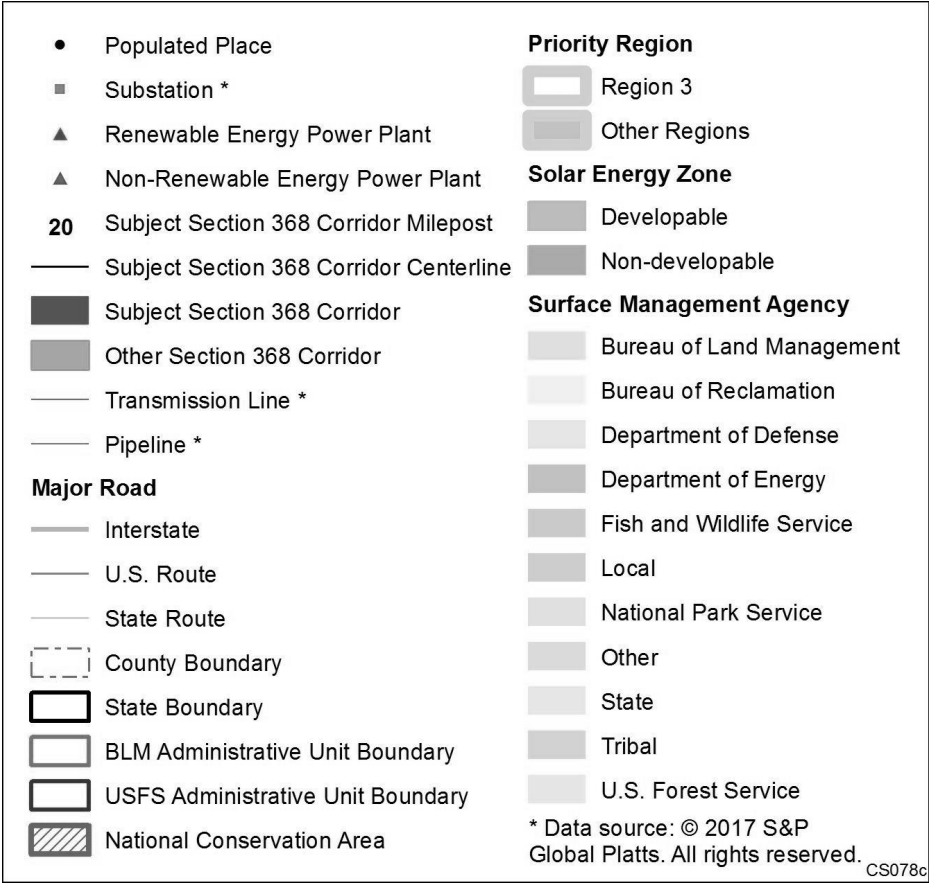


Figure 1. Corridor 113 114



Key

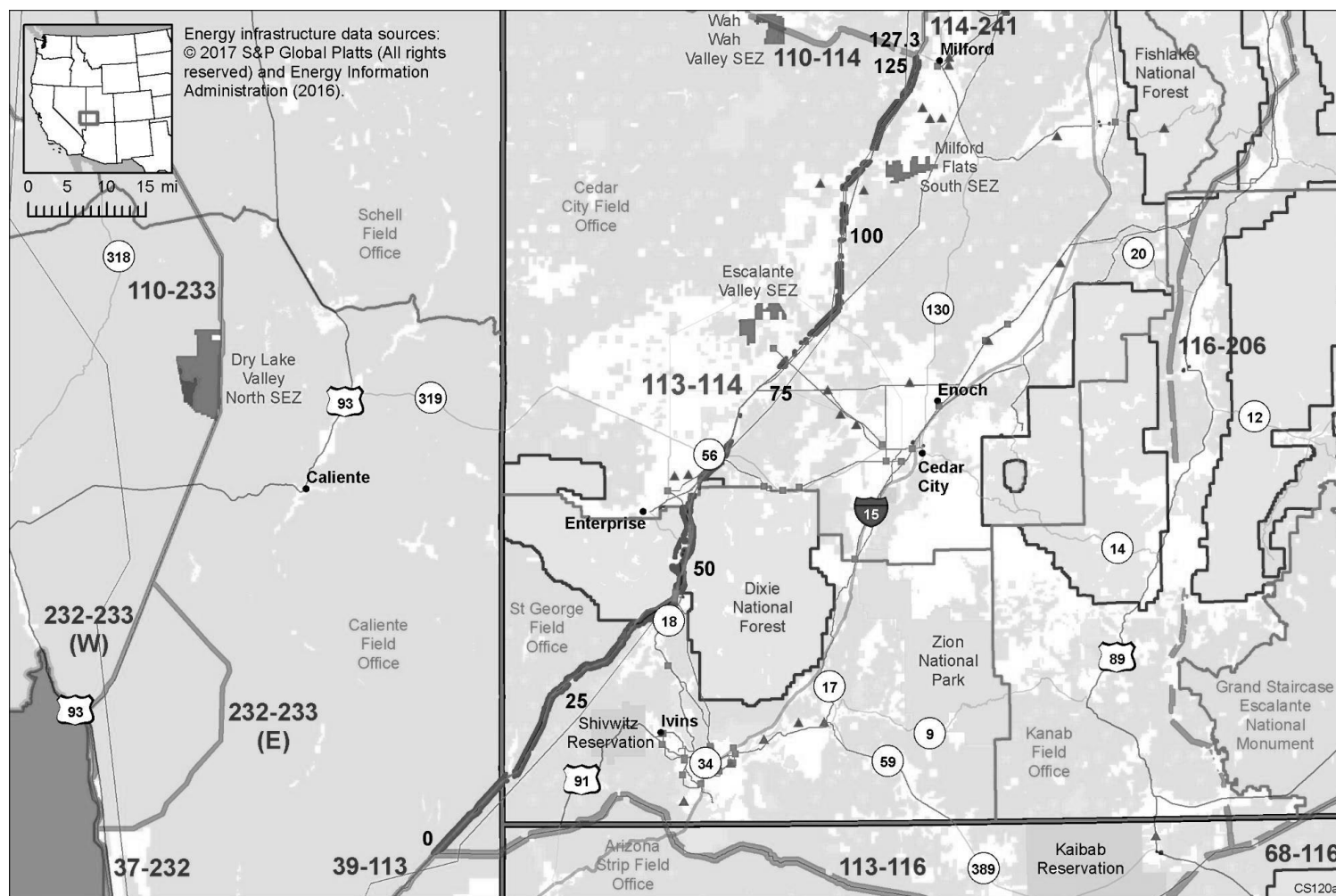


Figure 2. Corridor 113 114, Including Existing Energy Infrastructure

## Corridor Rationale

Corridor 113 114 is locally designated in the Dixie National Forest. During scoping for the WWEC PEIS, routes generally following this corridor were suggested by AWEA, the Frontier Line, National Grid, PacifiCorp, the Rocky Mountain Area Transmission Study, the Seams Steering Group Western Interconnection, and the Western Utility Group.

*Existing Infrastructure:* Corridor 113 114 follows electric transmission and pipeline infrastructure throughout its length. The corridor follows several electric transmission lines including a 1000 kV line operated by Intermountain Power Agency for the entire length of the corridor, a 345 kV line operated by Nevada Power Company (NV Energy) from MP 0 to MP 59.2, and a 345 kV electric transmission line operated by PacifiCorp from MP 47.5 to MP 127.3. Also included in portions of the corridor are additional electric transmission lines operated by PacifiCorp and Utah Associated Municipal Power Systems. The corridor also follows two natural gas pipelines operated by Kern River Gas Transmission Co. from MP 0 to MP 92.1. A refined product pipeline operated by Holly Energy generally follows the path of the corridor for the entire length.

*Potential for Future Development:* The Platts data indicate a proposed 500 kV and 345 kV electric transmission lines operated by PacifiCorp and a 500 kV electric transmission line operated by Duke Energy and American Transmission Co. that generally follow the path of the corridor. During interviews for the Corridor Study, Agencies indicated transmission line applications for TransWest Express and a Zephyr were being considered. In addition, a UNEV pipeline ROW was granted.

## Corridor of Concern Status

This corridor was not identified as a corridor of concern in the Settlement Agreement.

## Conflict Map Analysis

The map depicted in Figure 3 uses conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help the Agencies identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WWEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). Designated and undesignated portions of Corridor 113 114 contain existing transmission infrastructure and cross areas of high conflict between MP 0 and MP 25 and between MP 32 and MP 75. The remainder of the designated and undesignated portions of the corridor pass through low and medium conflict areas. Due to limited physical availability within the corridor (3 existing transmission lines and 2 natural gas pipelines) and because it is a culturally sensitive area, the corridor may not be able to accommodate additional future development.

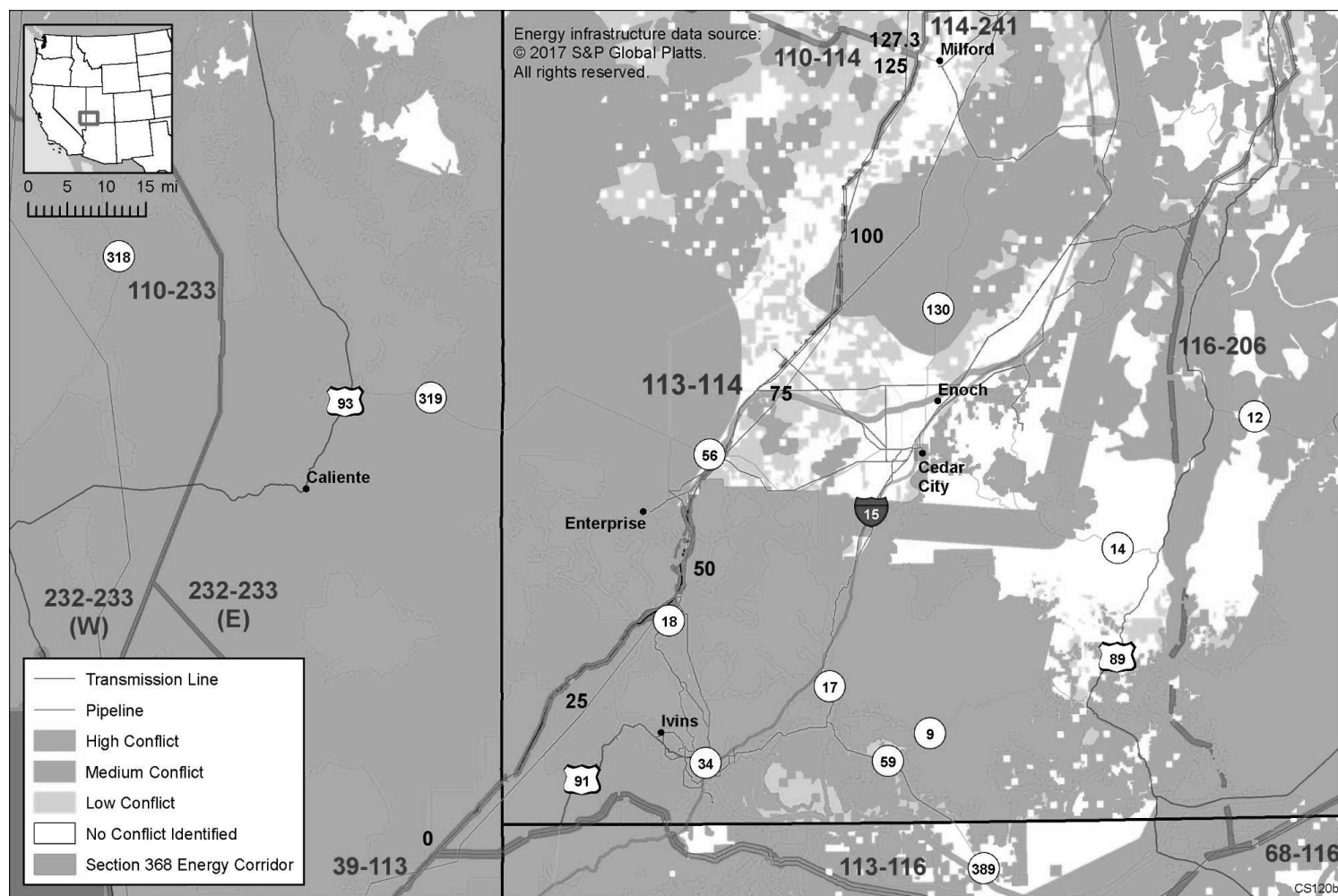


Figure 3. Mapping of Conflict Areas in Vicinity of Corridor 113 114

## Corridor Analysis

The corridor analysis table below identifies concerns affecting Corridor 113 114, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Energy Planning Opportunities                               | <input type="checkbox"/> Air quality                                      | <input type="checkbox"/> Paleontology                          |
| <input checked="" type="checkbox"/> Energy Planning Concerns                                    | <input checked="" type="checkbox"/> Cultural resources                    | <input type="checkbox"/> Public access and recreation          |
| <input type="checkbox"/> Physical barrier   | <input checked="" type="checkbox"/> Ecological resources                  | <input type="checkbox"/> Socioeconomics                        |
| <input checked="" type="checkbox"/> Jurisdictional concern                                      | <input type="checkbox"/> Environmental justice                            | <input type="checkbox"/> Soils/erosion                         |
| <input checked="" type="checkbox"/> Corridor alignment and spacing                              | <input checked="" type="checkbox"/> Hydrological resources                | <input checked="" type="checkbox"/> Specially designated areas |
| <input type="checkbox"/> Transmission and pipeline capacity concern                             | <input checked="" type="checkbox"/> Lands and realty                      | <input type="checkbox"/> Tribal concerns                       |
| <input checked="" type="checkbox"/> Land Management Responsibilities and Environmental Concerns | <input checked="" type="checkbox"/> Lands with wilderness characteristics | <input checked="" type="checkbox"/> Visual resources           |
|   | <input type="checkbox"/> Livestock grazing                                | <input type="checkbox"/> Interagency Operating Procedures      |

**REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE**

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
113 114 .001	BLM	Cedar City FO	Beaver, UT	Milford Flats South SEZ	MP 108.0 to MP 117.8	GIS Analysis: corridor is within 2 mi of the Milford Flats South SEZ.	The SEZ provides an opportunity for the corridor to accommodate transmission tied to renewable energy development.
113 114 .002	BLM	Cedar City FO	Iron, UT	Escalante Valley SEZ	MP 81.2 to MP 89.8	GIS Analysis: corridor is within 3.5 miles of the Escalante Valley SEZ.	The SEZ provides an opportunity for the corridor to accommodate transmission tied to renewable energy development.
113 114 .003	NA	Private land	Iron, UT	Beryl Solar Power Plant	MP 62.2	GIS Analysis: Beryl Solar Power Plant (3 MW) is as close as 3.2 mi west of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy development.
113 114 .004	NA	Private land	Beaver, UT	Blue Mountain Biogas Biomass Power Plant	MP 107.6	GIS Analysis: Blue Mountain Biogas Biomass Power plant (3 MW) is as close as 2.7 mi west of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy development.
113 114 .005	NA	Private land	Iron, UT	Enterprise Solar, LLC Power Plant	MP 63.0	GIS Analysis: Enterprise Solar, LLC Power Plant (80 MW) is as	The power plant provides an opportunity for the corridor to

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
						close as 1.4 mi west of the corridor.	accommodate additional transmission tied to renewable energy.
113 114 .006	NA	Private land	Beaver, UT	Granite Peak Solar Power Plant	MP 127.3	GIS Analysis: Granite Peak Solar Power Plant (3 MW) is as close as 3.8 mi east of end of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
113 114 .007	NA	Private land	Beaver, UT	Laho Solar Power Plant	MP 121.2	GIS Analysis: Laho Solar Power Plant (3 MW) is as close as 3.7 mi east of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
113 114 .008	NA	Private land	Beaver, UT	Milford 2 Solar Power Plant	MP 126.2	GIS Analysis: Milford 2 Solar Power Plant (3 MW) is as close as 3.7 mi east of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
113 114 .009	NA	Private land	Beaver, UT	South Milford Solar Power Plant	MP 121.8	GIS Analysis: South Milford Solar Power Plant (2.9 MW) is as close as 2.5 mi east of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
113 114 .010	NA	State land	Beaver, UT	Thermo No 1 Geothermal Power Plant	MP 109	GIS Analysis: Thermo No 1 Geothermal Power Plant (14 MW) is as close as 1.9 mi east of the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
113 114 .011	NA	St. George FO	Washington, UT	Veyo Heat Recovery Project	MP 38.8 to MP 39.0	GIS Analysis: Veyo Heat Recovery Project (8.4 MW) intersects the corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission.
113 114 .012	BLM	Caliente FO, St. George FO, Private land, Cedar City FO	Lincoln, NV and Iron and Beaver, UT	EWP Lincoln County, La Verkin, Gunlock, Sand Cove, Veyo, Enterprise, Escalante Valley R.E.A, Newcastle, Wecco, Unknown, So Milford Irrigation, Milford Sub., Links Solar Center, and Blue Mountain Biogas Substations	MP 0, MP 35.5, MP 38, MP 41.4, MP 60.3, MP 66.8, MP 67, MP 82.5, MP 121.1, MP 126.1, MP 126.7 and MP 127	GIS Analysis: fourteen substations within 5 mi of the corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission.

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
113 114 .013	USFS	Dixie National Forest	Washington, UT	Central and Red Butte Substations	MP 46.9 to MP 47.2 and MP 47.8.	GIS Analysis: two substations within the corridor.	
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
113 114 .014	NA	Private lands	Beaver and Iron, UT	Corridor crosses private lands in several undesignated sections along the corridor	MP 99.6 to MP 114	GIS Analysis: corridor crosses private lands in several undesignated corridor segments.	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
113 114 .015	NA	State and private lands	Washington, Iron, and Beaver, UT	State and private lands in undesignated corridor segments	Entire Corridor	GIS Analysis: State and private lands in undesignated corridor segments.	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
<i>Corridor Alignment and Spacing</i>							
113 114 .016	USFS	Dixie National Forest	Washington, UT	Existing infrastructure	MP 46.5 to MP 48.4	GIS Analysis: Multiple projects cross the corridor. Projects converge in narrow corridor width around Central, UT.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
113 114 .017	USFS	Dixie National Forest	Washington, UT	Existing infrastructure	MP 49.9 to MP 51.6	GIS Analysis: Multiple projects cross the corridor.	BLM please review spacing and capacity and respond as to whether the corridor can accommodate additional development
113 114 .018	NA	Private and State lands	Iron, UT	Existing structures	MP 65.8 to MP 67.3	GIS Analysis: private land state lands including a community located in undesignated corridor segment.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
113 114 .019	BLM	Dixie National Forest	Washington, UT	Existing infrastructure	MP 26.1 to MP 28.6 and MP 38.7 to MP 39.1	GIS Analysis: Projects cross the corridor at angles.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.
113 114 .020	NA	Private and State lands	Beaver, UT	Existing structures	MP 112 to MP 113	Livestock facility in undesignated corridor segment.	Proposed project siting and colocation alternatives to address impacts would be analyzed during the ROW application process.



REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
113 114 .021	BLM	St. George FO	Washington, UT	Veyo Heat Recovery Project	MP 38.8 to MP 39.0	GIS Analysis: Veyo Heat Recovery Project (8.4 MW) intersects the corridor.	Agencies recommend avoidance or restriction of nonlinear features, such as geothermal and solar energy development, within the Section 368 energy corridors.
LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS							
<i>Air Quality</i>							
<i>Cultural Resources</i>							
113 114 .022		Private land	Washington, UT	Mountain Meadows Historic Site	MP 52	GIS Analysis: property listed on the NRHP intersects undesignated corridor segment.	Due to limited physical availability within the corridor (3 existing transmission lines and 2 natural gas pipelines) and because it is a culturally sensitive area, the corridor may not be able to accommodate additional future development.
<i>Ecology: Special Status Animal Species</i>							
113 114 .023	BLM	Caliente FO, St. George FO	Lincoln, NV and Washington, UT	Desert Tortoise critical habitat	MP 0 to MP 13.6, MP 14.6 to MP 21.3, MP 22.8 to MP 24.3, and MP 24.9 to MP 26.2	GIS Analysis: critical habitat intersects the corridor.	The Ely RMP states that ROWs in desert tortoise habitat should be managed the same as the three desert tortoise ACECs, as avoidance areas. The ACECs will be considered avoidance areas for ROWs and other land use authorizations in the future, but additional ROWs could be authorized subject to environmental impact analysis and Section 7 consultation for specific applications. The St. George RMP states that the desert tortoise habitat is an avoidance area for ROWs. However, new ROWs will be granted in only when feasible alternative routes or designated corridors are not available. Measures to reduce impacts to affected resources will be applied based on site specific analysis.

## REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
113 114 .023	BLM	St. George FO, Caliente FO	Washington, UT and Lincoln, NV	Desert tortoise connectivity areas	MP 0 to MP 28.9	GIS Analysis: Connectivity area intersects the corridor.	While the St. George and Ely RMPs do not specifically address desert tortoise connectivity areas, both RMPs stipulate that desert tortoise habitat needs to be maintained and protected.
113 114 .024	BLM	Caliente FO	Lincoln, NV	Least cost corridor for tortoise connectivity Beaver Dam Slope to Gold Butte Pakoon	MP 1.5 to MP 1.8	GIS Analysis: Least cost corridor intersects the corridor.	While the Ely RMP does not specifically address desert tortoise connectivity areas, the RMP stipulates that desert tortoise habitat needs to be maintained and protected.
113 114 .025	BLM	St. George FO	Washington, UT	Least cost corridor for tortoise connectivity Beaver Dam Slope to Upper Virgin River	MP 17.7 to MP 32.6	GIS Analysis: Least cost corridor intersects the corridor.	While the St. George RMP does not specifically address desert tortoise connectivity areas, the RMP stipulates that desert tortoise habitat needs to be maintained and protected.
113 114 .026	BLM	Cedar City FO, private land	Iron, UT	NVCA GRS G PHMA	MP 92.5 to MP 101	GIS Analysis: GRS G PHMA intersects and is adjacent to the corridor.	The Cedar Beaver Garfield Antimony RMP only mentions a seasonal restriction on transmission line construction in areas of active leks.
113 114 .027	BLM	Cedar City FO	Iron, UT	Utah GRS G GHMA	MP 90.7 to MP 102.6	GIS Analysis: GRS G GHMA intersects the corridor.	The Cedar Beaver Garfield Antimony RMP only mentions a seasonal restriction on transmission line construction in areas of active leks.
<b>Ecology: Wildlife</b>							
<b>Hydrology: Surface Water</b>							
113 114 .028	BLM and USFS	Caliente FO, State and private lands, St. George FO, Dixie National Forest, Cedar City FO	Lincoln, NV and Washington and Iron, UT	Intermittent Streams: Sand Hollow Wash, Beaver Dam Wash, Magotsu Creek, Pinto Creek, Iron Springs Creek, Unknown	MP 7.3 to MP 7.5, MP 14.2 to MP 14.6, MP 41.7 to MP 42.2, MP 44.2 to MP 45, MP 51.5 to MP 53, MP 66.3 to MP 71.8, MP 89.9 to MP 90.3, and MP 96.4 to MP 97.2	GIS Analysis: Intermittent streams intersect designated and undesignated corridor segments.	Linear ROWs can either span intermittent streams or be buried underneath them.
113 114 .029	USFS	Dixie National Forest	Washington, UT	Stream: Magotsu Creek	MP 50.8 to MP 51.5	GIS Analysis: a stream intersects the corridor.	Linear ROWs can either span streams or be buried underneath them.
<b>Lands and Realty: Rights-of-Way and General Land Use</b>							

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
113 114 .030	BLM and USFS	St. George FO, Dixie National Forest, Cedar City FO	Washington, Iron, and Beaver, UT	Land Ownership	Scattered over almost full corridor length (MP 12.6 to MP 127)	GIS Analysis: 98.6 acres, originally designated as part of the corridor, are on private or state land. <sup>2</sup>	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan amendment during future project implementation.
113 114 .031	BLM	St. George FO	Washington, UT	ROW Avoidance	MP 13.4 to MP 21.4, MP 41.7 to MP 42, and MP 44.5	GIS Analysis: ROW avoidance areas intersect and are adjacent to the corridor.	BLM please identify what the avoidance areas are and whether they affect future development in the corridor.
<b>Lands and Realty: Military and Civilian Aviation</b>							
113 114 .032	BLM	Caliente FO, St. George FO	Lincoln, NV and Washington, UT	MTR VR	MP 0 to MP 21	GIS Analysis: VR intersects the corridor.	Adherence to IOP 1 under Project Planning in the WVEC PEIS RODs regarding coordination with DoD would be required.
113 114 .033	BLM	Caliente FO, St. George FO	Lincoln, NV and Washington, UT	MTR IR	MP 0 to MP 14 and MP 17.7 to MP 32.6	GIS Analysis: IR intersects the corridor.	Adherence to IOP 1 under Project Planning in the WVEC PEIS RODs regarding coordination with DoD would be required.
<b>Lands and Realty: Transportation</b>							
<b>Lands with Wilderness Characteristics</b>							
113 114 .034	USFS and BLM	Dixie National Forest, private and State lands, St. George FO	Washington, UT	LWC	MP 12.3 to MP 14.6, MP 17.8 to MP 18.5, MP 26 to MP 30, and MP 41.5 to MP 60.9.	GIS Analysis: LWC intersect and are adjacent to the corridor.	Prior to designating new corridors or prior to conducting surface disturbing activities in areas of designated corridors or recommended corridor revisions, the BLM will be required to follow the procedures as outlined in BLM Manual 6310 (Conducting Wilderness Characteristics Inventory on BLM Lands [Public]).  Neither the Dixie National Forest LRMP nor St. George RMP address LWCs.
<b>Specially Designated Areas</b>							
113 114 .035	USFS	Dixie National Forest	Washington, UT	Atchinson Roadless Area	MP 49.5 to MP 55.3	GIS Analysis: roadless area adjacent to the corridor.	The Dixie National Forest LRMP has no ROW exclusion or avoidance

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
113 114 .036	USFS	Dixie National Forest	Washington, UT	Bull Valley Roadless Area	MP 40.6 to MP 41.1	GIS Analysis: roadless area as close as 0.1 mi northwest of the corridor.	prescriptions for utility corridors located adjacent to or near roadless areas.
113 114 .037	USFS	Dixie National Forest and Private Land	Washington, UT	Cove Mountain Roadless Area	MP 56.4 to MP 63.2 MP 55.3 to MP 56.4	GIS Analysis: roadless area adjacent to corridor on designated and undesignated corridor segments.  GIS Analysis: roadless area as close as 0.2 mi east of the corridor.	The corridor does not cross roadless areas. The roadless areas are near or adjacent to the corridor and would not affect development and management inside of the corridor. <b>USFS review and analysis needed.</b>
113 114 .038	USFS	Dixie National Forest	Washington, UT	Gum Hill Roadless Area	MP 55.5 to MP 58	GIS Analysis: roadless area adjacent to the corridor	
113 114 .039	USFS	Dixie National Forest and private land	Washington, UT	Mogotsu Roadless Area	MP 44.2 to MP 54.4	GIS Analysis: roadless area adjacent to corridor on designated and undesignated corridor segments.	
113 114 .040	USFS	Dixie National Forest	Washington, UT	Moody Wash Roadless Area	MP 41.8 to MP 43.8	GIS Analysis: roadless area as close as 0.1 mi north of the corridor.	
113 114 .041	BLM and USFS	Dixie National Forest, Cedar City FO, State and private lands	Iron and Washington, UT	Old Spanish National Historic Trail	MP 44.4 to MP 44.7, MP 50.9 to MP 76.4	GIS Analysis: OSNHT intersects or is adjacent to designated and undesignated corridor segments.	The OSNHT is a Congressionally designated trail. Adherence to IOPs would be required. Through project specific environmental reviews, impacts would be analyzed in relation to any other alternatives that would be identified.  The Agencies recommend an IOP to address development in Section 368 energy corridors while protecting values in Congressionally designated NHTs.  Neither the Dixie National Forest LRMP nor the Cedar Beaver Garfield Antimony RMP mention the OSNHT.
113 114 .042	BLM	Caliente and St. George FO	Lincoln, NV and	Beaver Dam Slope ACEC	MP 1.3 to MP 6.6, MP 12.8 to MP 13.4,	GIS Analysis: ACEC intersects the corridor.	The ELY and St. George RMPs stipulate that ACECs are avoidance areas for utility ROWs. New ROWs will be

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
			Washington, UT		and MP 14.6 to MP 18.3		granted in these areas only when feasible alternative routes or designated corridors are not available. Measures to reduce impacts to affected resources will be applied based on site specific analyses.
113 114 .043	BLM	Caliente FO	Lincoln, NV	Mormon Mesa ACEC	MP 0.2 to MP 1.2	GIS Analysis: ACEC intersects the corridor.	The ELY RMP stipulates that ACECs are avoidance areas for utility ROWs.
113 114 .044	NA	Private land	Washington, UT	Mountain Meadows Massacre Site National Historic Landmark	MP 52	GIS Analysis: National Historic Landmark 0.5 mi west of designated and undesignated corridor segments.	Due to limited physical availability within the corridor (3 existing transmission lines and 2 natural gas pipelines) and because it is a culturally sensitive area, the corridor may not be able to accommodate additional future development.
113 114 .045	BLM	St. George FO and State land	Washington, UT	Beaver Dam Wash NCA	MP 12.6 to MP 23.6	GIS Analysis: NCA intersects corridor and undesignated corridor segment on State land.	The St. George RMP identifies the Beaver Dam NCA as a ROW avoidance area. New ROWs will be granted in these areas only when feasible alternative routes or designated corridors are not available. Measures to reduce impacts to affected resources will be applied based on site specific analyses.
113 114 .046	USFS	Dixie National Forest	Washington, UT	Atchinson SDA	MP 49.5 to MP 55.3	GIS Analysis: SDA adjacent to the corridor.	The Dixie National Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to SDAs.
113 114 .047	USFS	Dixie National Forest and private land	Washington, UT	Cove Mountain SDA	MP 56.4 to MP 63.2	GIS Analysis: SDA adjacent to designated and undesignated corridor segments.	The Dixie National Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to SDAs.
113 114 .048	USFS	Dixie National Forest	Washington, UT	Bull Valley SDA	MP 40.6 to MP 41.1	GIS Analysis: SDA as close as 0.1 mi northwest of the corridor.	The Dixie National Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near SDAs.
113 114 .049	USFS	Dixie National Forest	Washington, UT	Gum Hill SDA	MP 55.5 to MP 58	GIS Analysis: SDA adjacent to the corridor.	The Dixie National Forest LRMP has no ROW exclusion or avoidance

REGION 3 – CORRIDOR 113 114 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
							prescriptions for utility corridors to be located adjacent to SDAs.
113 114 .050	USFS	Dixie National Forest and private land	Washington, UT	Mogotsu SDA	MP 44.2 to MP 54.4	GIS Analysis: SDA adjacent to designated and undesignated corridor segments.	The Dixie National Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located adjacent to SDAs.
113 114 .051	USFS	Dixie National Forest	Washington, UT	Moody Wash SDA	MP 41.8 to MP 43.8	GIS Analysis: SDA as close as 0.1 mi north of the corridor.	The Dixie National Forest LRMP has no ROW exclusion or avoidance prescriptions for utility corridors to be located near SDAs.
<b>Tribal Concerns</b>							
<b>Visual Resources</b>							
113 114 .052	BLM	St. George FO	Washington, UT	VRM Class III	MP 12.6 to MP 46.7	VRM Class III areas intersect and are adjacent to the corridor.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
113 114 .053	BLM	Cedar City FO	Iron and Beaver, UT	VRM Class IV	Entire length of corridor from MP 63.1 to MP 127.3	VRM Class IV areas intersect the corridor.	While VRM Class IV objectives allow for major modification to occur and management activities may dominate the view, minimizing visual contrast remains a requirement of these VRM class objectives. Ratings are required in areas of high sensitivity or high impact (VRM MS 8400).

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.

<sup>2</sup> According to the 5/12/2015 version of the SMA data.

## Abstract Acronyms and Abbreviations

ACEC = Area of Critical Environmental Concern; AWEA = American Wind Energy Association; BLM = Bureau of Land Management; FO = Field Office; GIS = geographic information system; GHMA = general habitat management area; GRSG = Greater Sage grouse; IOP = Interagency Operating Procedures; IR = instrument route; LRMP = Land and Resource Management Plan; LWC = Lands with Wilderness Characteristics; MP = milepost; MS = Manual Section; MTR = Military Training Route; NCA = National Conservation Area; OSNHT = Old Spanish National Historic Trail; PEIS = Programmatic Environmental Impact Statement; PHMA = Priority habitat management area; ROD = Record of Decision; RMP = Resource Management Plan; ROW = right of way; SDA = Specially Designated Area; SEZ = Solar Energy Zone; SMA = Surface Management Agency; USFS = U.S. Forest Service; VR = visual route; VRM = Visual Resource Management; WWEC = West wide Energy Corridor.

# Corridor 66-259

XXXXX Corridor

## Introduction

Corridor 66 259 (Figures 1 and 2) is located in north central Utah and extends northeast from its junction with Corridors 66 209 and 66 212 and ends south of the Uintah and Ouray Reservation. The corridor spans both Utah County and Wasatch County, Utah. Federally designated portions of this corridor are entirely in the Uinta Wasatch Cache National Forest on USFS administered lands. The nominal width of the corridor is 3,500 feet, but it is restricted by roadless area designations in several places including one pinch point less than 100 feet wide. The corridor is designated multi modal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 18 miles long, with all 18 miles designated on National Forest System lands. The designated area is 7,081.5 acres or 11.1 square miles. The corridor is entirely in Region 3.

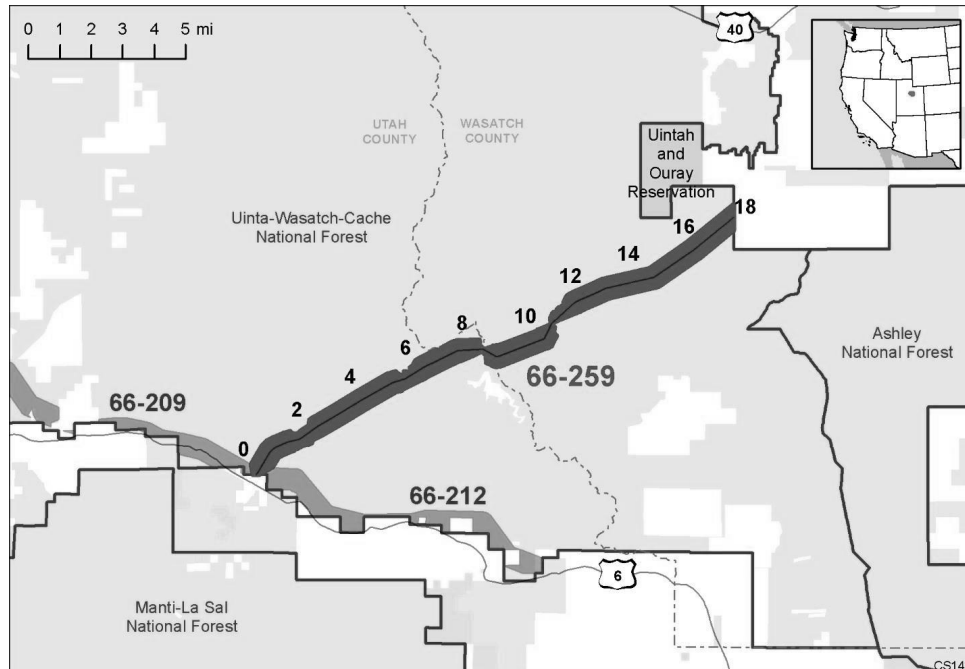
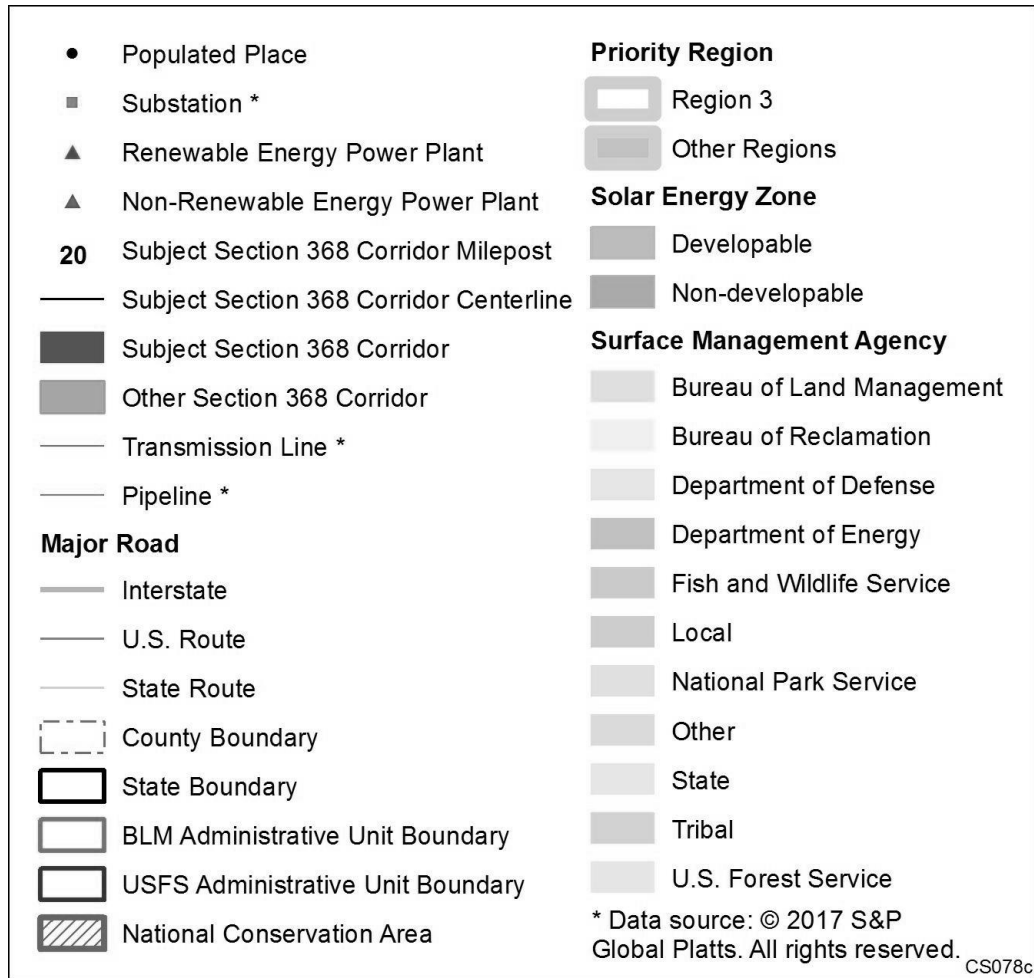


Figure 1. Corridor 66 259





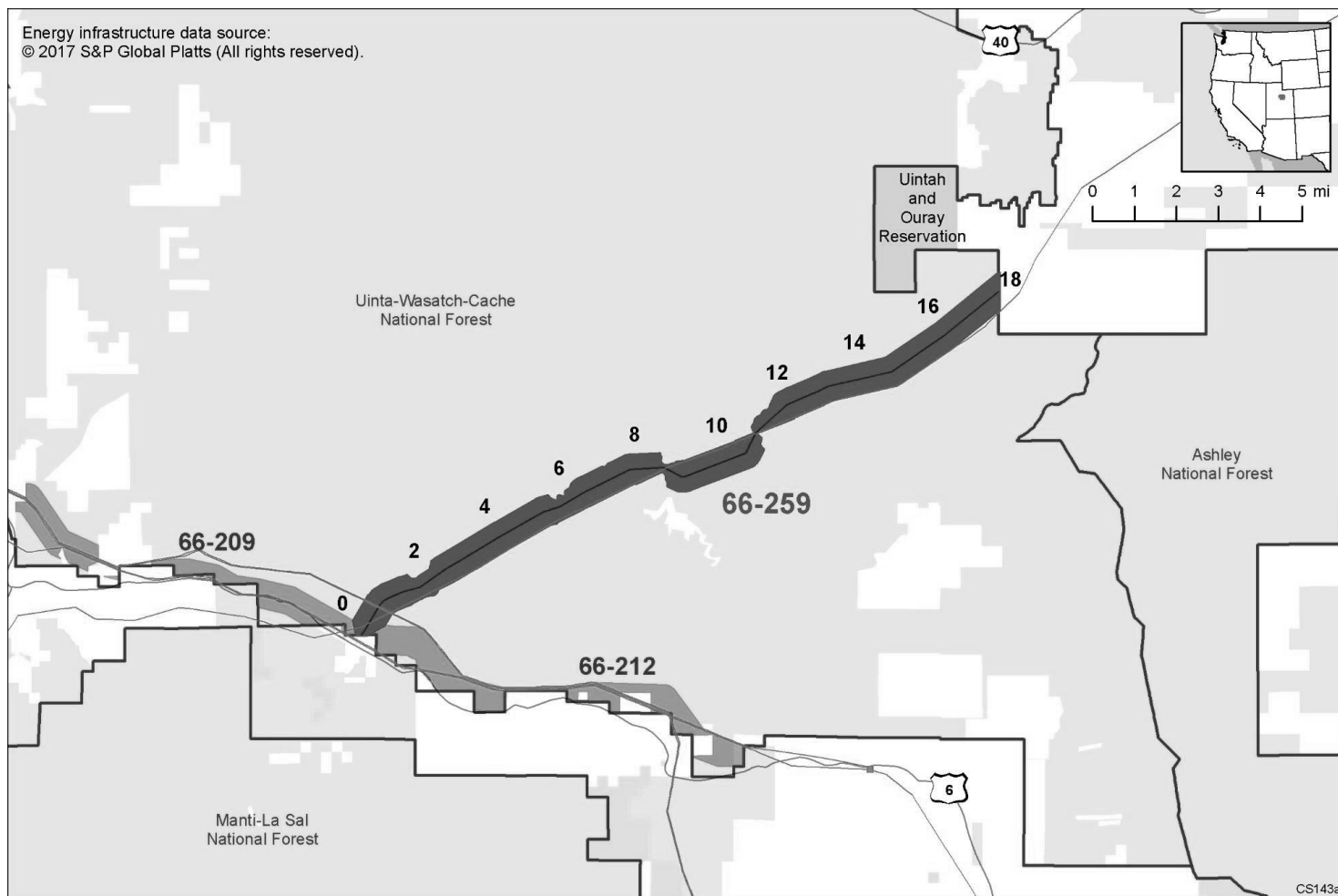


Figure 2. Corridor 66 259, Including Existing Energy Infrastructure

## Corridor Rationale

During scoping for the WWEC PEIS, routes generally following this corridor were suggested by National Grid, PacifiCorp, and the Western Utility Group.

*Existing Infrastructure:* The corridor follows a 345 kV electric transmission line operated by Deseret Generation & Transmission Coop for the entire length of the corridor. Significant pinch points limit corridor width. There are five substations within 5 miles of the corridor.

*Potential Future Development:* The Platts data do not show any planned projects near this corridor. During interviews for the Corridor Study, Agencies indicated that there were no pending ROW applications within the corridor.

## Corridor of Concern Status

Corridor 66 259 was identified as a corridor of concern in the settlement agreement. Concerns regarding access to coal plant and impacts to USFS Inventoried Roadless Areas were identified in the Settlement Agreement. These issues are highlighted in yellow in the Corridor Analysis table below.

## Conflict Map Analysis

The map depicted in Figure 3 uses conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help the Agencies identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WWEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). In general, Corridor 66 259 is adjacent to but not located within areas of high conflict.

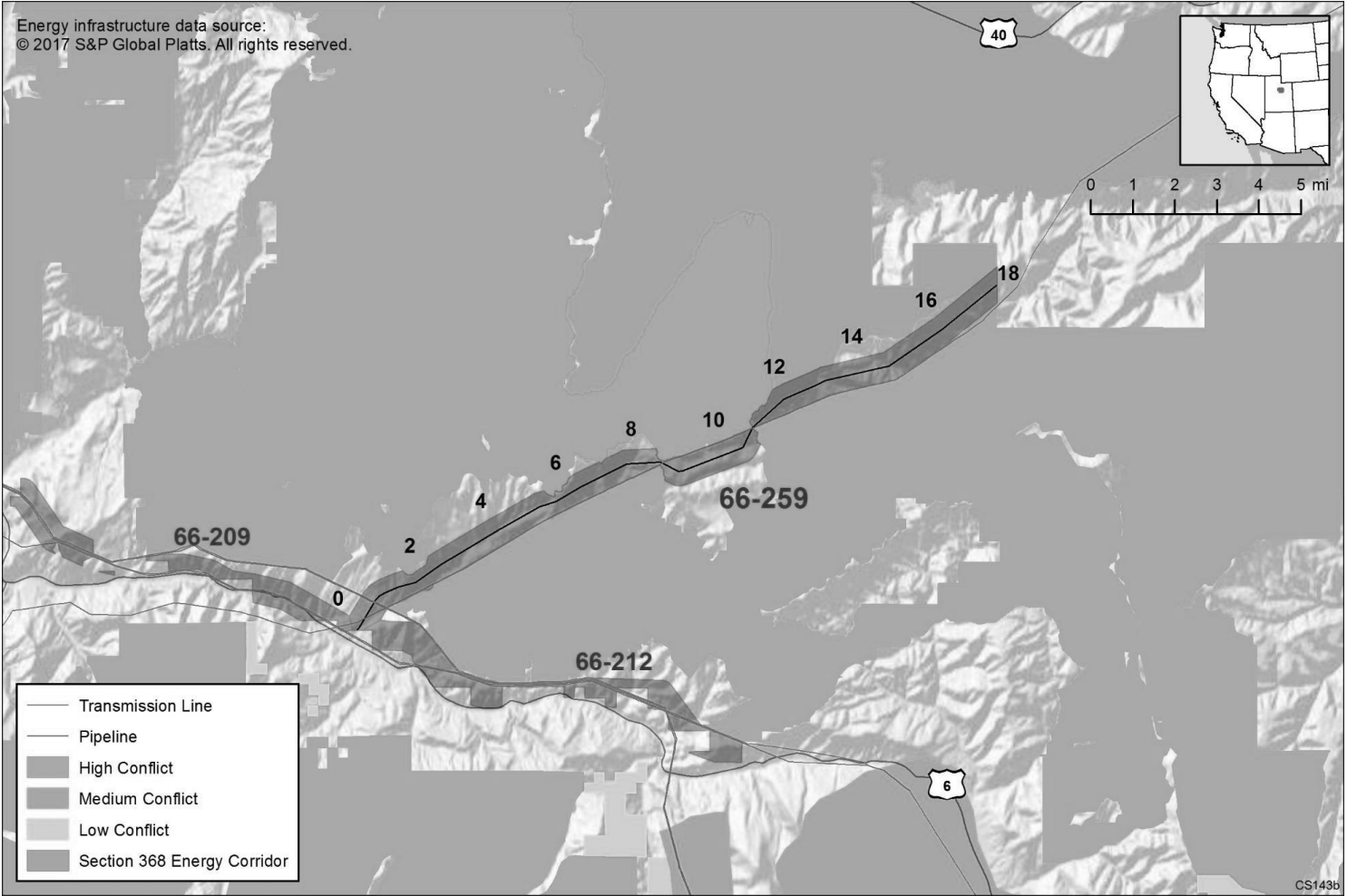


Figure 3. Mapping of Conflict Areas in Vicinity of Corridor 66 259

## Corridor Analysis

The corridor analysis table below identifies concerns affecting Corridor 66 259, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

☒ **Energy Planning Opportunities**

☐ **Energy Planning Concerns**

- ☐ Physical barrier
- ☐ Jurisdictional concern
- ☐ Corridor alignment and spacing
- ☐ Transmission and pipeline capacity concern

☒ **Land Management Responsibilities and Environmental Concerns**

- ☐ Air quality
- ☐ Cultural resources
- ☒ Ecological resources
- ☐ Environmental justice
- ☐ Hydrological resources
- ☒ Lands and realty
- ☐ Lands with wilderness characteristics
- ☐ Livestock grazing

- ☐ Paleontology
- ☐ Public access and recreation
- ☐ Socioeconomics
- ☐ Soils/erosion
- ☒ Specially designated areas
- ☐ Tribal concerns
- ☒ Visual resources
- ☐ Wild horses and burros

☐ **Interagency Operating Procedures**

**REGION 3 – CORRIDOR 66 259 – ANALYSIS TABLE**

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
66 259 .001	USFS	Uinta Wasatch Cache National Forest	Utah and Wasatch, UT	Dairy Fork, Red Narrows, Tap (2), and Snake Creek (Heber) Substations	MP 0 and MP 6.9	GIS Analysis: five substations within 5 mi of corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission.
66 259 .002				Access to coal plant		Settlement Agreement. RFI: Re route to ensure connection to renewable energy development.	Need response.
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
<i>Corridor Alignment and Spacing</i>							
<b>LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS</b>							
<i>Air Quality</i>							

## REGION 3 – CORRIDOR 66 259 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>Cultural Resources</b>							
<b>Ecology: Special Status Animal Species</b>							
66 259 .003	USFS	Uinta Wasatch Cache National Forest	Wasatch, UT	GRSG Priority Habitat	MP 12 and MP 13	Settlement Agreement. RFI: Re route or exclude new infrastructure ROWs and avoid all new energy infrastructure development within GRSG PACs (53% overlap). Use full mitigation hierarchy to avoid, minimize, and compensate for impacts within four miles of important sage grouse breeding areas. Consult closely with state fish & game agencies and WGA to implement the full mitigation hierarchy of avoidance, minimization, and compensation for CHAT resources at "Very High" risk.  GRSG Proposed Priority Habitat is 1 mi from corridor	The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for GRSG Proposed Priority Habitat not located within a utility corridor. The only prescriptions related to transmission lines and GRSG are for areas not crossed by or located near the corridor.
<b>Ecology: Vegetation</b>							
<b>Hydrology: Surface Water</b>							
<b>Lands and Realty: Rights of Way and General Land Use</b>							
66 259 .004	NA	Private	Utah and Wasatch, UT	Land Ownership	MP 0 and MP 18	GIS Analysis: 0.1 acres, originally designated as part of this corridor, are on private land. <sup>2</sup>	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan amendment during future project implementation.

REGION 3 – CORRIDOR 66 259 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<i>Lands and Realty: Military and Civilian Aviation</i>							
<i>Lands and Realty: Transportation</i>							
<i>Lands with Wilderness Characteristics</i>							
<i>Specially Designated Areas</i>							
66 259 .005	USFS	Uinta Wasatch Cache National Forest	Utah and Wasatch, UT	418008 Roadless Area/Chipman Creek	MP 8 to MP 12	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor	The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for transmission corridors located adjacent to roadless areas. The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed.
66 259 .006	USFS	Uinta Wasatch Cache National Forest	Wasatch, UT	418009 Roadless Area/Willow Creek	MP 10.8 to MP 18	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor	The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for transmission corridors located adjacent to roadless areas. The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed.
66 259 .007	USFS	Uinta Wasatch Cache National Forest	Utah and Wasatch, UT	418015 Roadless Area/Strawberry Ridge	MP 5.6 to MP 6.4 and MP 7.1 to MP 7.3  MP 4.1 to MP 5.6, MP 6.4 to MP 7.1, and MP 7.3 to MP 8	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area.  GIS Analysis: roadless area adjacent to corridor	The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for transmission corridors located adjacent to roadless areas. The roadless area is adjacent to the corridor and would not affect development and management inside

## REGION 3 – CORRIDOR 66 259 – ANALYSIS TABLE

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
66 259 .008	USFS	Uinta Wasatch Cache National Forest	Utah, UT	418016 Roadless Area/Diamond Fork	MP 1.8 to MP 2.5 MP 0.5 to MP 1.8 and MP 2.5 to MP 5	GIS Analysis: roadless area as close as 0.2 mi north of corridor Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area. GIS Analysis: roadless area adjacent to corridor GIS Analysis: roadless area as close as 0.1 mi north of corridor	of the corridor. USFS review and analysis needed. The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for transmission corridors located adjacent to roadless areas. The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed.
66 259 .009	USFS	Uinta Wasatch Cache National Forest	Utah and Wasatch, UT	418017 Roadless Area/Tie Fork	MP 0.8 to MP 8.7	Settlement Agreement. RFI: Re route to avoid impacts to USFS Inventoried Roadless Area. GIS Analysis: roadless area adjacent to corridor	The Uinta National Forest LRMP has no ROW exclusion or avoidance prescriptions for transmission corridors located adjacent to roadless areas. The roadless area is adjacent to the corridor and would not affect development and management inside of the corridor. USFS review and analysis needed.
<b>Tribal Concerns</b>							
<b>Visual Resources</b>							

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.<sup>2</sup>According to the 5/12/2015 version of the SMA data.



## Abstract Acronyms and Abbreviations

CHAT = Crucial Habitat Assessment Tool; GIS = geographic information system; GRSG = Greater Sage grouse; LRMP = Land and Resource Management Plan; MP = milepost; NEPA = National Environmental Policy Act; PEIS = Programmatic Environmental Impact Statement; ROW = right of way; USFS = U.S. Forest Service; VRM = Visual Resource Management; WWEC = West wide Energy Corridor.

# Corridor 114-241

## Alternate Name

## Introduction

Corridor 114 241 (Figures 1a, b and 2a, b) begins at its junction with Corridors 113 114 and 110 114, near the town of Milford, in Beaver County, Utah and extends north, ending just outside of the town of Rush Valley in Tooele County, Utah. Federally designated portions of this corridor are entirely on BLM administered lands. Corridor 114 241 is multimodal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 174 miles long and 3,500 feet wide with 134.4 miles (needs to be adjusted for Fillmore and Salt Lake Field Offices) designated on d BLM administered lands. The designated area is 56,660.1 acres or 88.5 square miles. Corridor 114 241 is not designated on the Uinta Wasatch Cache National Forest in the USFS Record of Decision although it does intersect a small segment of a unit of the Uinta Wasatch Cache National Forest. **The corridor is not designated in the Fillmore Field Office or the Salt Lake Field Office.** The following footnote concerning Corridor 114 241 in the BLM Fillmore and Salt Lake Field Offices appears in the BLM Record of Decision for Section 368 corridors: "This plan cannot be amended at this time due to restrictions to plan amendments imposed by Section 2815(d) of Public Law 106 65, the — National Defense Authorization Act for Fiscal Year 2000|| (October 5, 1999). Should these restrictions be lifted, the amendments to this plan would become effective and the BLM would provide public notice of the effective date of the amendments." This corridor is in Beaver, Juab, Millard, and Tooele Counties in Utah. Portions of Corridor 114 241 are under the jurisdiction of the BLM Cedar City Field Office. This corridor is entirely in Region 3.

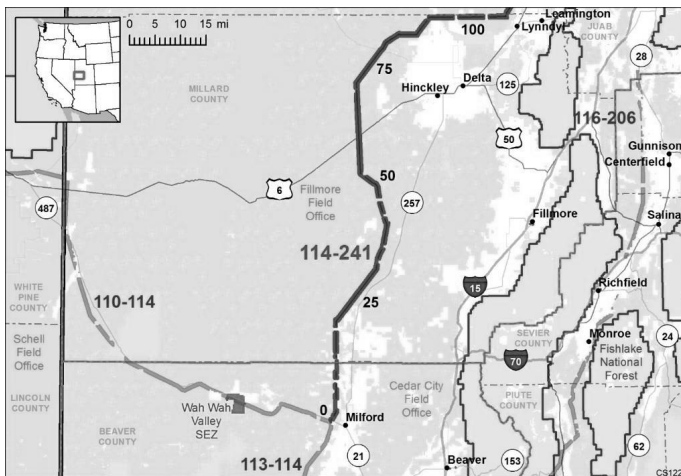


Figure 1a. Southern Portion of Corridor 114-241

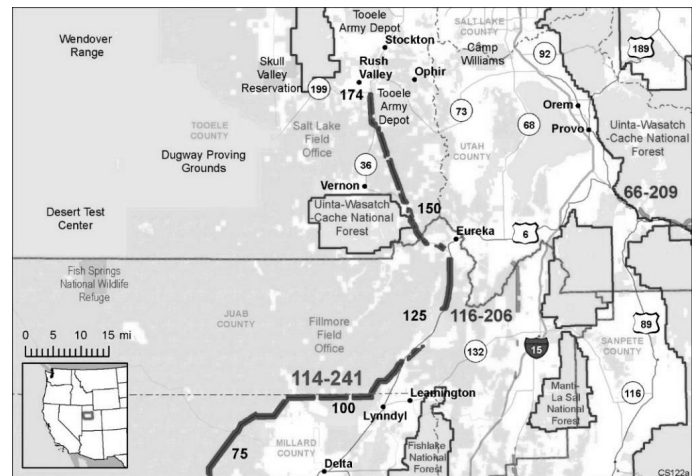
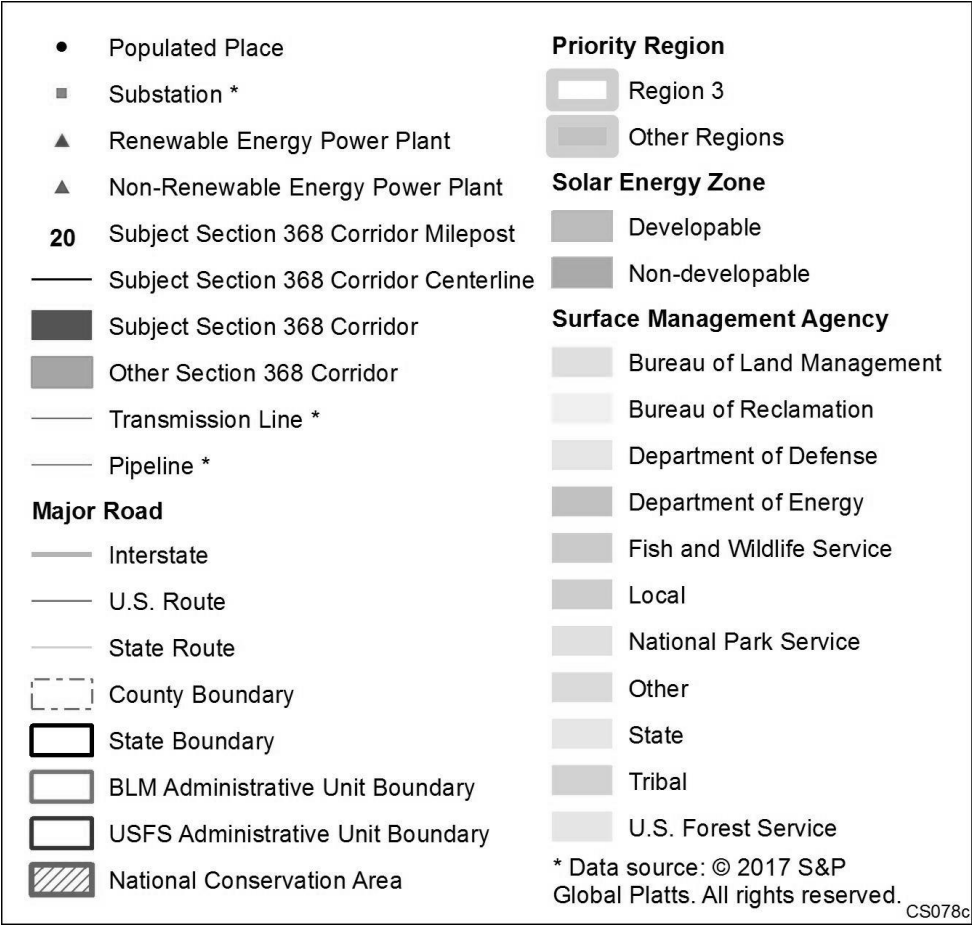


Figure 1b. Northern Portion of Corridor 114-241



Key

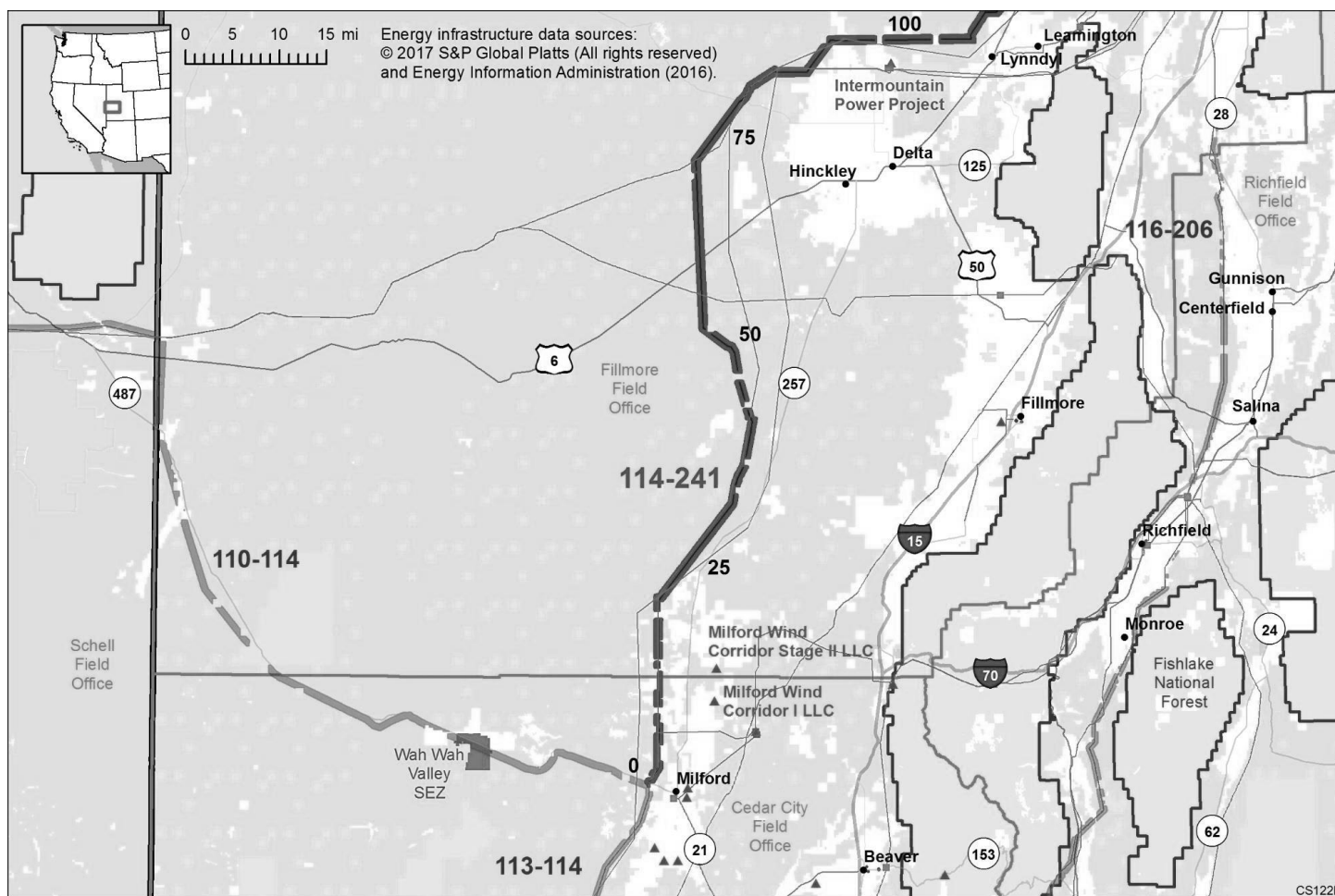


Figure 2a. Southern Portion of Corridor 114-241, Including Existing Energy Infrastructure

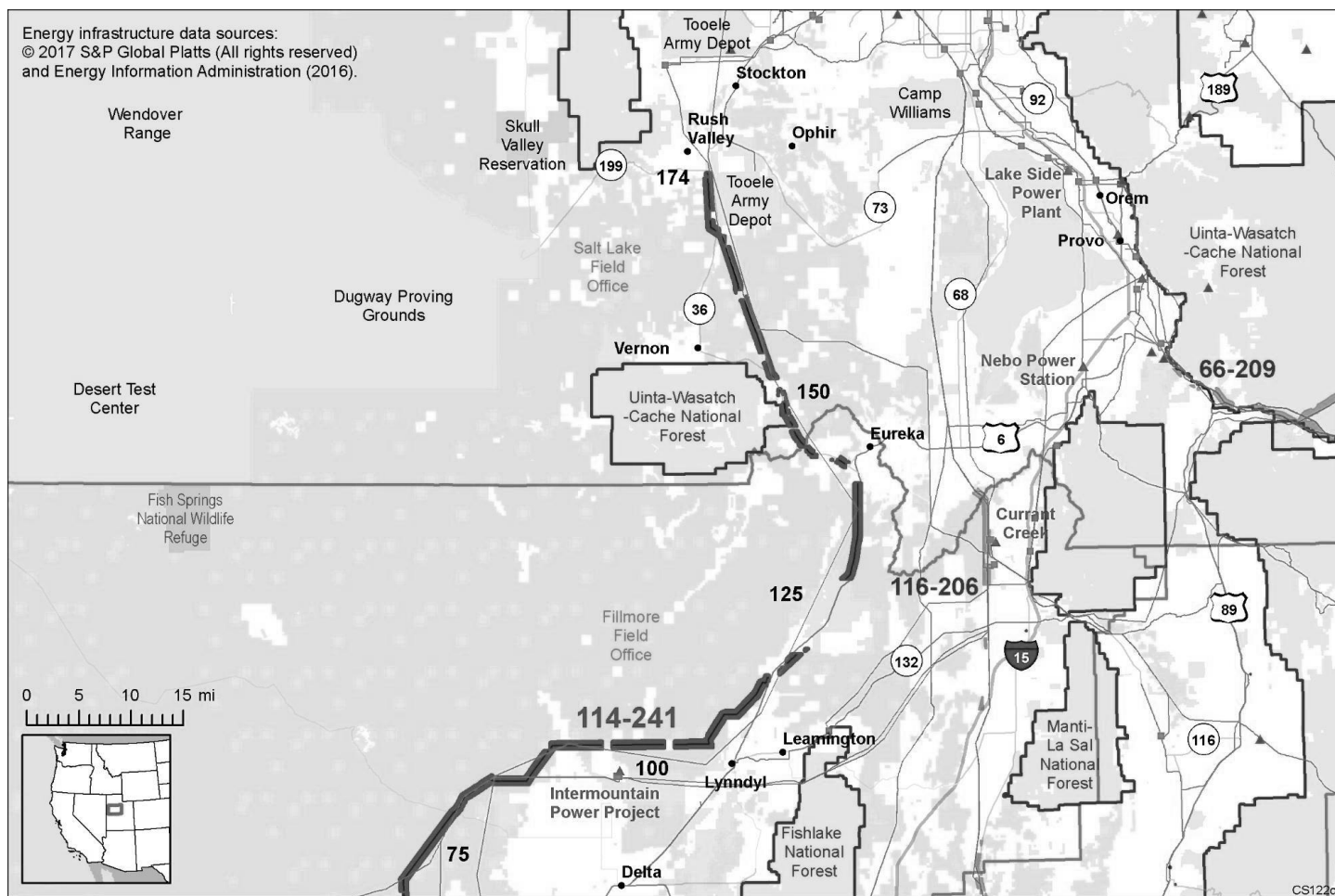


Figure 2b. Northern Portion of Corridor 114-241, Including Existing Energy Infrastructure

## Corridor Rationale

During scoping for the WWEC PEIS, routes generally following this corridor were suggested by AWEA, the Frontier Line, National Grid, the Rocky Mountain Area Transmission Study, the Seams Steering Group Western Interconnection, and the Western Utility Group.

*Existing Infrastructure:* Portions of the corridor are occupied or crossed by several electric transmission lines including a 1000 kV line operated by Intermountain Power Agency from MP 0 to MP 42.7 and MP 79.2 to MP 88.7, a 345 kV line operated by PacifiCorp from MP 0 to MP 5.9, a 230 kV line operated by Intermountain Power Agency from MP 79.2 to MP 88.7, and two 500 kV lines operated by PacifiCorp from MP 157.8 to MP 174.0. The corridor also generally follows the path a refined product pipeline operated by Holly Energy. There is one substation within the corridor and 19 substations within 5 miles of the corridor. There are also two solar power plants and one coal fired power plant within 5 miles of the corridor.

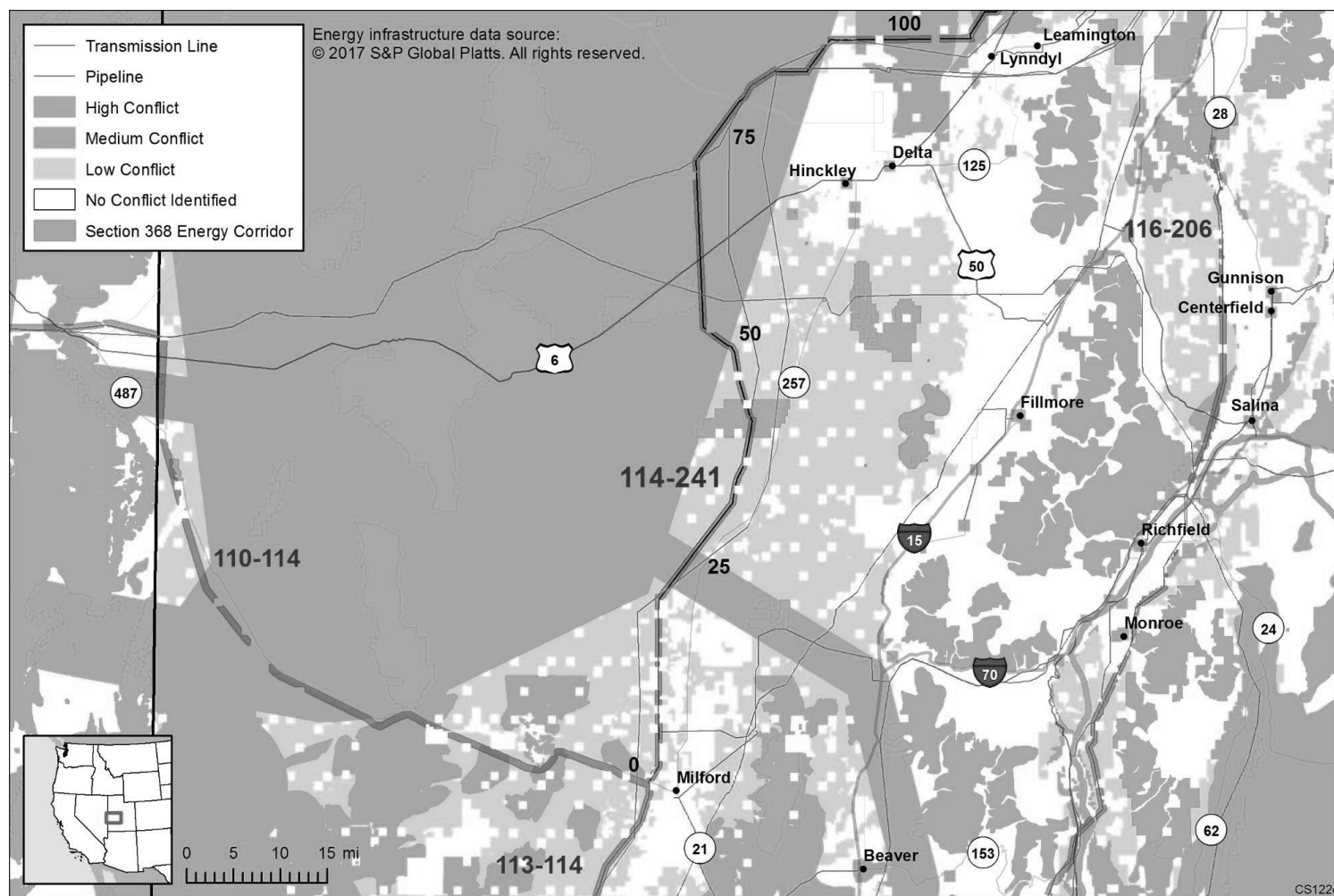
*Potential for Future Development:* The Platts data indicate a proposed two 500 kV electric transmission lines proposed by PacifiCorp and Duke Energy and American Transmission Co. that generally follows the path of the corridor. During interviews for the Corridor Study, Agencies indicated that a UNEV pipeline ROW was granted.

## Corridor of Concern Status

This corridor was not identified in the Settlement Agreement as a corridor of concern.

## Conflict Map Analysis

The maps depicted in Figures 3a and 3b use conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help the Agencies identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WWEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). Corridor 114 241 follows existing pipeline and transmission line infrastructure and is mostly in areas of medium conflict. However, the corridor crosses an area of high conflict between about MP 40 to MP 43.4.







## Corridor Analysis

The corridor analysis table below identifies concerns affecting Corridor 114 241, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

☒ **Energy Planning Opportunities**

☒ **Energy Planning Concerns**

- ☐ Physical barrier
- ☒ Jurisdictional concern
- ☒ Corridor alignment and spacing
- ☐ Transmission and pipeline capacity concern

☒ **Land Management Responsibilities and Environmental Concerns**

- ☐ Air quality
- ☒ Cultural resources
- ☒ Ecological resources
- ☐ Environmental justice
- ☒ Hydrological resources
- ☒ Lands and realty
- ☐ Lands with wilderness characteristics

- ☐ Livestock grazing
- ☐ Paleontology
- ☒ Public access and recreation
- ☐ Socioeconomics
- ☐ Soils/erosion
- ☒ Specially designated areas
- ☐ Tribal concerns
- ☒ Visual resources

☐ **Interagency Operating Procedures**

**REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE**

ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
114 241 .001		Private land	Millard, UT	Intermountain Power Project (Coal Power Plant)	MP 98.8	GIS Analysis: Intermountain Power Project (1800 MW) is as close as 2.1 mi south of corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission.
114 241 .002	BLM & DoD	Private and State lands, Fillmore FO, and Tooele Army Depot	Beaver, Millard, Utah, Juab, and Tooele, UT	Milford Sub., Links Solar Center, Blue Mountain Biogas, Clear Lake, Cricket, Energy Capital Group Utah Solar 1 Project, Intermountain Generating 1, Intermountain Generating, Unknown (6), Lynndy1, Eureka, Rush Valley, Silverado, and Tap Substations	MP 0, MP 1, MP 1.3, MP 50, MP 97.9 to MP 99.6, MP 107.3, MP 139.2, MP 140, and MP 170.7 to MP 174	GIS Analysis: nineteen substations within 5 mi of corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission.

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
114 241 .003	BLM	Fillmore FO	Millard, UT	Continental Lime Substation	MP 38.3	GIS Analysis: one substation within corridor.	
114 241 .004	NA	Private land	Beaver, UT	Granite Peak Solar Power Plant	MP 0	GIS Analysis: Granite Peak Solar Power Plant (3 MW) is as close as 3.5 mi east of corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
114 241 .005	NA	Private land	Beaver, UT	Milford 2 Solar Power Plant	MP 0	GIS Analysis: Milford 2 Solar Power Plant (3 MW) is as close as 3.9 mi southeast of beginning of corridor.	The power plant provides an opportunity for the corridor to accommodate additional transmission tied to renewable energy.
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
114 241 .006	DoD	Tooele Army Depot	Tooele, UT	Tooele Army Depot	MP 168.2 to MP 174	GIS Analysis: Army depot adjacent to corridor	Coordination with DoD for projects adjacent to the Army Depot.
114 241 .007	NA	State and private lands	Tooele, Juab, Millard, and Beaver, UT	State and private lands in undesignated corridor segments	Entire Corridor	GIS Analysis: state and private lands in undesignated corridor segments	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
<i>Corridor Alignment and Spacing</i>							
114 241 .008	BLM	Fillmore FO	Millard, UT	Continental Lime Substation	MP 38.3	GIS Analysis: one substation within corridor.	A substation within the corridor reduces space for future development of transmission and pipelines. Agencies recommend avoidance or restriction of future non linear features within the Section 368 energy corridors.
114 241 .009	BLM	Fillmore FO	Juab, UT	US Highway 6	MP 117.4 to MP 139.7	GIS Analysis: US Highway 6 is parallel and adjacent to corridor.	Consistent with BLM ROW regulations, notification to adjacent ROW holders would be provided..
114 241 .010	BLM	Fillmore FO and Salt Lake FO	Juab and Tooele, UT	Utah State Highway 36	MP 141 to MP 153.3	GIS Analysis: Utah State Highway 36 follows corridor centerline.	Consistent with BLM ROW regulations, notification to adjacent ROW holders would be provided.
114 241 .011	BLM and USFS	Fillmore FO, Salt Lake FO and Uinta Wasatch Cache	Juab and Tooele, UT	Railroad	MP 141.1 to MP 148.8	GIS Analysis: a railroad is within the corridor and parallels the corridor centerline.	Consistent with BLM ROW regulations, notification to adjacent ROW holders would be provided.

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
		National Forest					
114 241 .012	NA	Private and State lands	Beaver, UT	Existing structures	MP 4.8 to MP 5.1 and MP 6.8 to MP 8.9	GIS Analysis: gravel pit occupies half of corridor width; PV solar installations in line with corridor in undesignated corridor segment.	Response needed.
LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS							
Air Quality							
Cultural Resources							
114 241 .013		Private land	Juab, UT	Diamond Cemetery	MP 137	GIS Analysis: property listed on NRHP is as close as 1.6 mi east of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
114 241 .014	NA	Private land	Juab, UT	Silver City Cemetery	MP 138.5	GIS Analysis: property listed on NRHP is as close as 0.2 mi east of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
114 241 .015	NA	Private land	Juab, UT	Sunbeam Mine; Eagle and Blue Bell Mine	MP 139 MP 139.3	GIS Analysis: two properties listed on NRHP is as close as 1.4 mi east of undesignated corridor segment.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
114 241 .016	NA	Private land	Juab, UT	Tintic Smelter Site  Knight Grain Elevator	MP 139.5  MP 142.8	GIS Analysis: two properties listed on NRHP intersect undesignated corridor segment.	Potential conflict since the properties are within the corridor. Section 106 process would be followed to identify any possible impact of development.
114 241 .017	NA	Private land	Juab, UT	Union Pacific Railroad Depot	MP 139.6	GIS Analysis: property listed on NRHP is as close as 2 mi east of undesignated corridor segment.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
114 241 .018	NA	Private land	Juab, UT	Mammoth Historic District; Eureka Lilly Headframe; Grand Central Mine; Fitch Cemetery; Eureka City Cemetery	MP 138.5 to 140.7	GIS Analysis: six properties listed on NRHP are as close as 0.2 mi northeast of undesignated corridor segment.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
114 241 .019	NA	Private land	Tooele, UT	Davis, David E. House	MP 174	GIS Analysis: property listed on NRHP is as close as 1.2 mi west of corridor.	Section 106 process would be followed to identify any possible impact of development. (If none can delete, but need agency review)
<b>Ecology: Special Status Animal Species</b>							
114 241 .020	BLM	Fillmore FO and Salt Lake FO	Juab and Tooele, UT	GRSG PHMA	MP 140.9 to MP 173.5	RFI: Re route or exclude new infrastructure ROWs and avoid all new energy infrastructure development within Greater Sage grouse PACs (16% overlap).  GIS Analysis: GRSG PHMA intersects corridor.	The House and Pony Express RMPs have no ROW exclusion or avoidance prescriptions for utility corridor development within Greater Sage grouse habitat areas. The Pony Express RMP recommends that ROWs not be located within 0.5 mile of Greater Sage grouse strutting grounds if the disturbance would adversely affect the effectiveness of the lek.
114 241 .021	BLM	Fillmore FO.	Juab, UT	GRSG GHMA	MP 114.5 to MP 141.2 and MP 172.4 to MP 174	RFI: Re route or exclude new infrastructure ROWs and avoid all new energy infrastructure development within GRSG PACs (16% overlap).  GIS Analysis: GRSG GHMA intersects corridor.	The House and Pony Express RMPs have no ROW exclusion or avoidance prescriptions for utility corridor development within Greater Sage grouse habitat areas. The Pony Express RMP recommends that ROWs not be located within 0.5 mile of Greater Sage grouse strutting grounds if the disturbance would adversely affect the effectiveness of the lek.
<b>Ecology: Vegetation</b>							
<b>Hydrology: Surface Water</b>							
114 241 .022	BLM	Fillmore FO, Salt Lake FO, and State land	Millard, Juab, and Tooele, UT	Intermittent Streams: Sevier River, Unknown (2), Tanner Creek, Boulder Creek, Sabie Creek	MP 53.1 to MP 65, MP 110.8 to MP 113.5, MP 146.2 to MP 157.7	GIS Analysis: Intermittent streams intersect designated and undesignated corridor segments.	Linear ROWs can either span intermittent streams or be buried underneath them.  The House and Pony Express RMPs have no ROW exclusion or avoidance prescriptions for utility corridors to intersect intermittent streams.
<b>Lands and Realty: Rights of Way and General Land Use</b>							

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
114 241 .023	BLM	Cedar City FO, Fillmore FO, and Salt Lake FO	Beaver, Millard, Juab, and Tooele, UT	Land Ownership	Scattered over full corridor length	GIS Analysis: 100.3 acres, originally designated as part of this corridor, are on private or State land. <sup>2</sup>	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan amendment during future project implementation.
114 241 .024	BLM	Fillmore FO and private land	Millard and Juab, UT	ROW Avoidance	MP 95.1 to MP 105.8, MP 110.3 to MP 116.8, MP 124.6 to MP 130.4, and MP 141.2 to MP 141.6	GIS Analysis: ROW avoidance areas intersect and are adjacent to corridor.	BLM identify the avoidance area and whether it could affect future development in the corridor
114 241 .025	BLM	Fillmore FO	Millard, UT	NSO	MP 40.3 to MP 44.4 and MP 56.4 to MP 57.4	GIS Analysis: NSO areas intersect corridor.	BLM identify the NSO areas and whether it could affect future development in the corridor.
<b>Lands and Realty: Military and Civilian Aviation</b>							
114 241 .026	BLM	Fillmore FO	Millard, UT	MTR VR	MP 22 to MP 26.6	GIS Analysis: VR intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
114 241 .027	BLM	Fillmore FO	Millard, UT	MTR IR	MP 50.9 to MP 63.5	GIS Analysis: IR intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
114 241 .028	BLM	Fillmore FO	Millard, UT	DoD Special Use Airspace MOA	MP 50.6 to MP 92.4	GIS Analysis: MOA intersects corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
114 241 .029	BLM	Salt Lake FO	Tooele, UT	DoD Special Use Airspace Temporary Reserved Airspace	MP 169 to MP 170.5	GIS Analysis: Temporary reserved airspace intersects and is adjacent to corridor.	Adherence to IOP 1 under Project Planning in the WWEC PEIS RODs regarding coordination with DoD would be required.
<b>Lands and Realty: Transportation</b>							
<b>Lands with Wilderness Characteristics</b>							
114 241 .030				CPW	Not specified.	RFI: Cat Canyon, Cricket Mtn., Little Sage Valley	Wilderness inventory would be taken during the project. NEPA and BLM would consider citizen proposed wilderness during that time. If there is

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
							existing transmission, the existing lines would not be included in lands with wilderness characteristics but could be a boundary to wilderness inventory areas.
<b>Public Access and Recreation</b>							
<b>Specially Designated Areas</b>							
114 241 .031	BLM	Salt Lake FO	Tooele, UT	Pony Express Trail National Back Country Byway	MP 163.1	GIS Analysis: back country byway intersects corridor on BLM land	The Pony Express RMP makes no mention of the byway.  Does the byway have a management plan?
114 241 .032	BLM	Salt Lake FO	Tooele, UT	Pony Express NHT	MP 163	GIS Analysis: NHT intersects corridor	The Pony Express RMP makes no mention of the historic trail. The trail and the corridor cross perpendicularly minimizing the adverse effect, but the impact cannot be avoided if the corridor follows its intended path to the north.  The Pony Express NHT is a Congressionally designated trail. Adherence to IOPs would be required. Through project specific environmental reviews, impacts would be analyzed in relation to any other alternatives that would be identified. The Agencies recommend an IOP to address development in Section 368 energy corridors while protecting values in Congressionally designated NHTs.
114 241 .033	BLM	Salt Lake FO	Tooele, UT	Four Trails Feasibility Study Trail	MP 163	GIS Analysis: study trail intersects corridor	The Pony Express RMP makes no mention of the study trail.  The Agencies have identified the need for an IOP to address development in

REGION 3 – CORRIDOR 114-241 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
							Section 368 energy corridors while protecting values in Congressionally designated NSTs, NHTs, and trails under study for potential designation under the National Trail System.
<b>Tribal Concerns</b>							
<b>Visual Resources</b>							
114 241 .034	BLM	Fillmore FO	Juab, UT	VRM Class II	MP 108.9 to MP 121.9 and MP 127.8 to MP 137.2	VRM Class II areas are as close as 0.3 mi east and west of designated and undesignated corridor segments.	The House RMP has no ROW exclusion or avoidance prescriptions for utility corridors that intersect or are located near VRM Class II and Class III areas. However, ROWs must comply with applicable VRM class guidelines.
114 241 .035	BLM	Fillmore FO	Millard and Juab, UT	VRM Class III	MP 107.3 to MP 141.5	VRM Class III areas intersect corridor.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
114 241 .036	BLM	Cedar City FO, Fillmore FO, and Salt Lake FO	Beaver, Millard, Juab, and Tooele, UT	VRM Class IV	MP 0 to MP 109.1, MP 116.1 to MP 116.8, and MP 140.8 to MP 174	VRM Class IV areas intersect corridor.	While VRM Class IV objectives allow for major modification to occur and management activities may dominate the view, minimizing visual contrast remains a requirement of these VRM class objectives. Ratings are required in areas of high sensitivity or high impact (VRM MS 8400).
114 241 .037	BLM	Fillmore FO	Juab, UT	VRM Class IV	MP 111.9 to MP 116.1, MP 116.8 to MP 123.2, and MP 126.8 to MP 140.8	VRM Class IV areas are as close as 0.2 mi east and west of designated and undesignated corridor segments.	

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.

<sup>2</sup> According to the 5/12/2015 version of the SMA data.

## Abstract Acronyms and Abbreviations

AWEA = American Wind Energy Association; BLM = Bureau of Land Management; CPW = Citizens' Proposed Wilderness; DoD = Department of Defense; FO = Field Office; GIS = geographic information system; IOP = Interagency Operating Procedure; IR = Instrument Route; LRMP = Land and Resource Management Plan; MP = milepost; MOA = Military Operations Area; MS = Manual Section; MTR = Military Training Route; NEPA = National Environmental Policy Act; NHT = National Historic Trail; NRHP = National Register of Historic Places; NSO = No Surface Occupancy; PAC = Priority Areas for Conservation; PEIS = Programmatic Environmental Impact Statement; RFI = request for information; RMP = Resource Management Plan; ROD = Record of Decision; ROW = right of way; USFS = U.S. Forest Service; VR = Visual Route; VRM = Visual Resource Management; WWEC = West wide Energy Corridor.

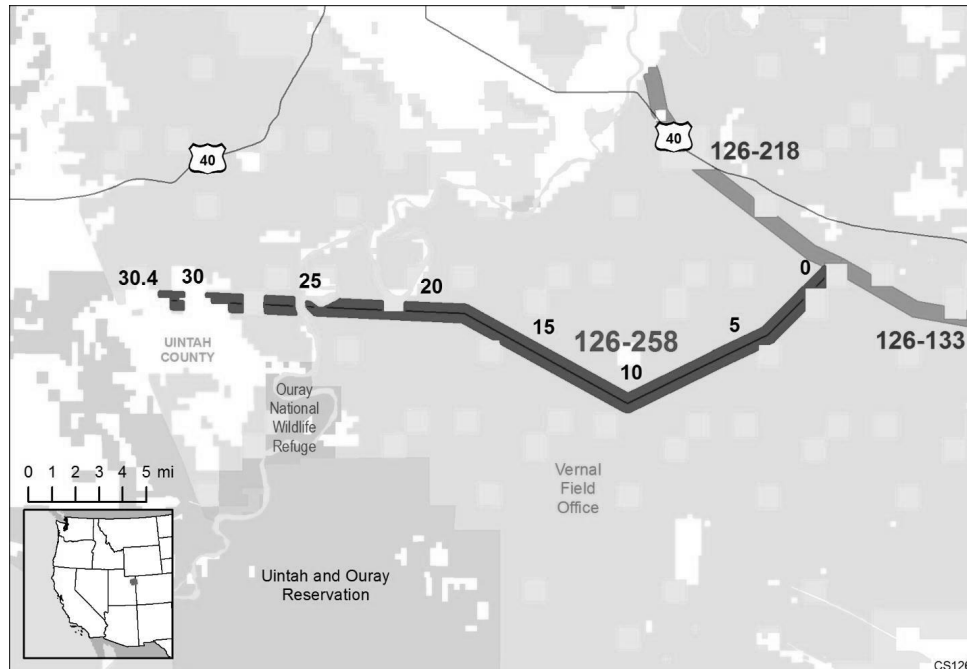


# Corridor 126-258

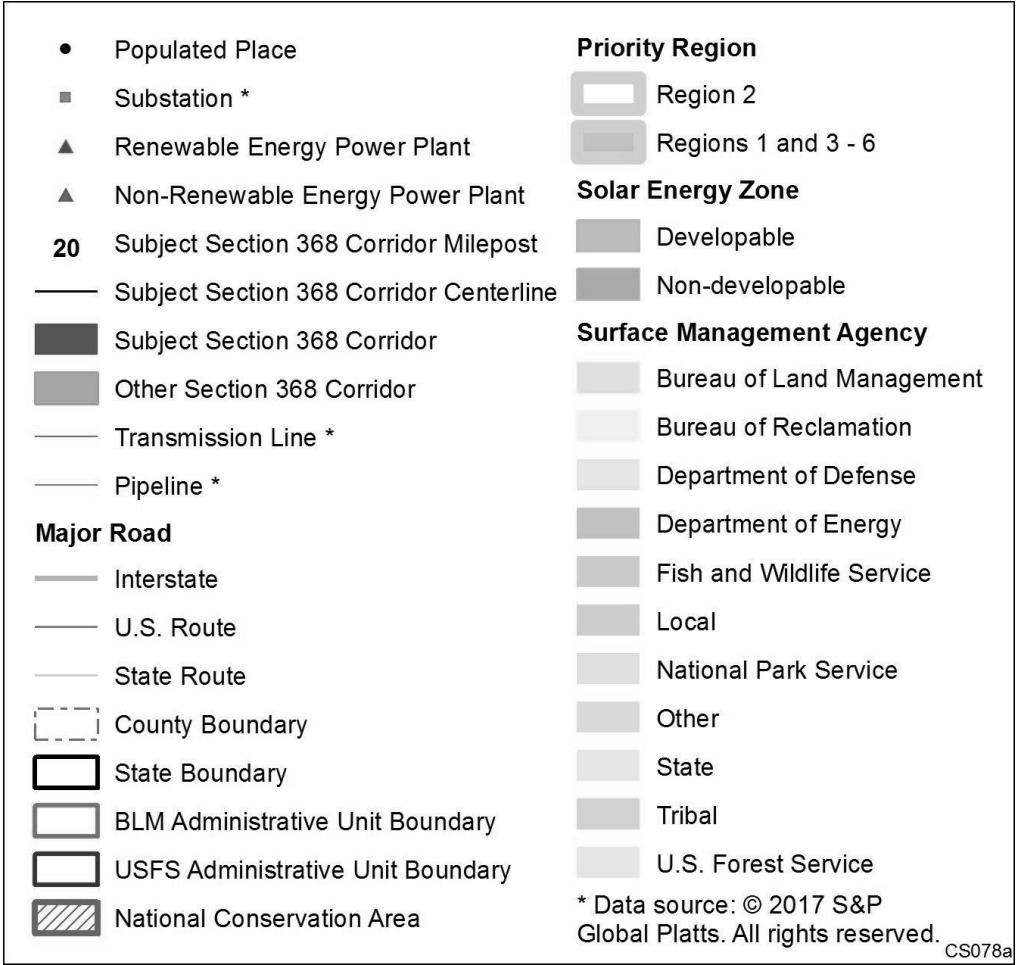
## Alternate Name

### Introduction

Corridor 126 258 (Figures 1 and 2) begins at the intersection of Corridor 126 218 and Corridor 126 133, runs southwest for 10 miles, and then continues northwest for 20 miles before ending in checkerboard land ownership that includes private lands and the Uintah and Ouray Reservation. Federally designated portions of this corridor are entirely on BLM administered lands. Corridor 126 258 is multi modal and can therefore accommodate both electrical transmission and pipeline projects. The corridor is 30.4 miles long and 3,500 feet wide with 24.3 miles designated on BLM administered lands. The designated area is 10,690.6 acres or 16.7 square miles. This corridor is in Uintah County in Utah under the jurisdiction of the BLM Vernal Field Office. This corridor is entirely in Region 3.



**Figure 1. Corridor 126 258**



Key

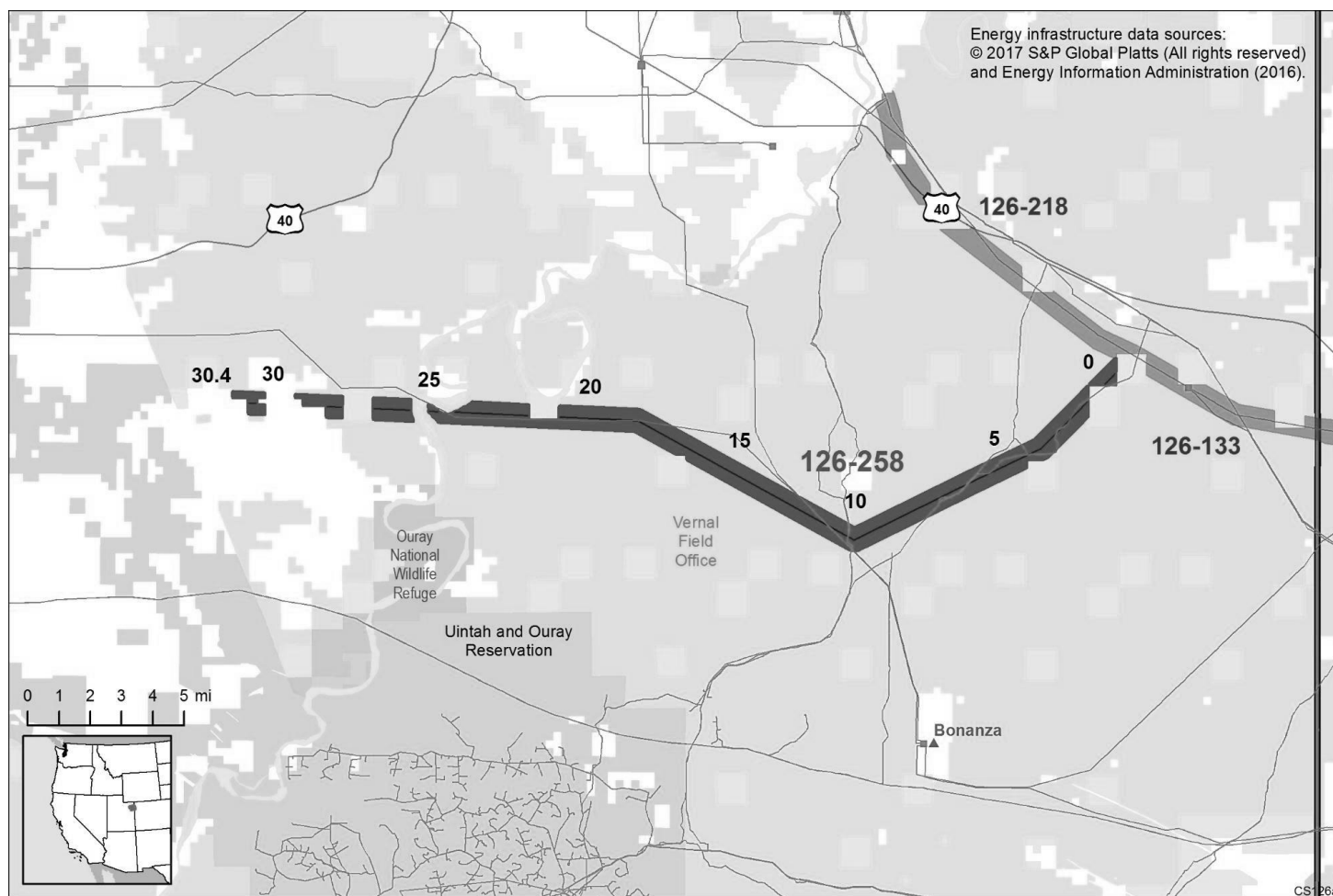


Figure 2. Corridor 126 258, Including Existing Energy Infrastructure

## Corridor Rationale

During scoping for the WWEC PEIS, routes generally following this corridor were suggested by Chevron, National Grid, and PacifiCorp.

*Existing Infrastructure:* The corridor follows a refined product pipeline operated by Enterprise Products Partners from MP 0 to MP 7.1 and a 345 kV electric transmission line operated by Deseret Generation & Transmission Coop and a 138 kV electric transmission line operated by PacifiCorp from MP 10.1 to MP 24.6.

*Potential for Future Development:* During interviews for the Corridor Study, Agencies indicated that the corridor was considered for the TransWest Express 600 kV, Gateway South 500 kV, and Zephyr 500 kV transmission lines. Platts data indicate three 500 kV electric transmission lines proposed by Duke Energy and American Transmission Co. and PacifiCorp that generally follow the path of the corridor.

## Corridor of Concern Status

This corridor was identified in the Settlement Agreement as a corridor of concern. Concerns regarding access to coal plants were identified in the Settlement Agreement. This issue is highlighted in yellow in the Corridor Analysis table below.

## Conflict Map Analysis

The map depicted in Figure 3 uses conflict criteria to depict areas where the corridor intersects low, medium, and high conflict areas to help the Agencies identify where a corridor intersects environmentally sensitive areas. The conflict criteria can be found on the WWEC Information Center at [www.corridoreis.anl.gov](http://www.corridoreis.anl.gov). Corridor 126 258 crosses a high conflict area at MP 25, otherwise it is in medium conflict areas for its entire length and contains existing infrastructure in portions of the corridor. There is no opportunity in the vicinity of the corridor to entirely avoid this high conflict area.

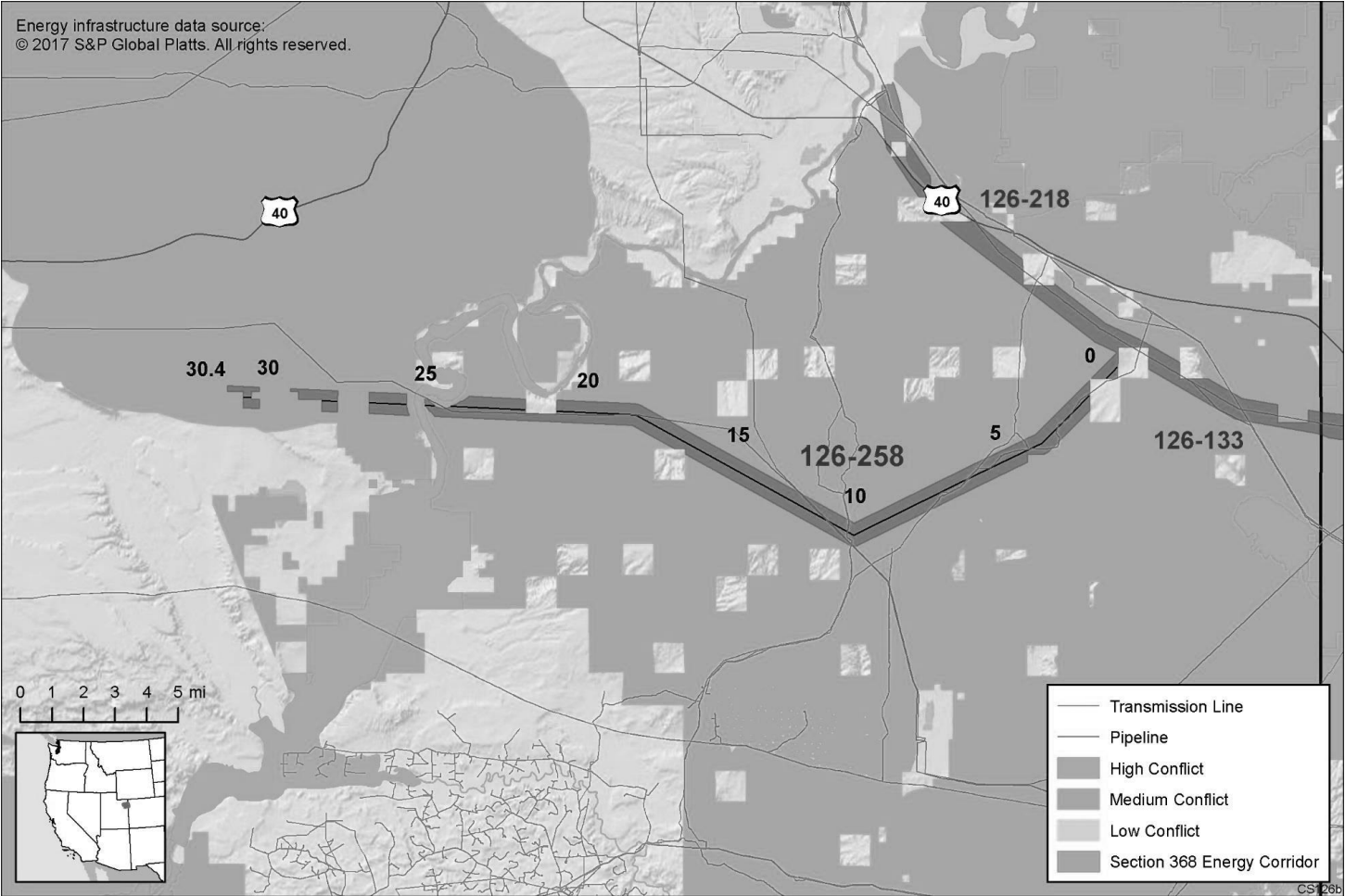


Figure 3. Mapping of Conflict Areas in Vicinity of Corridor 126 258

## Corridor Analysis Table

The corridor analysis table below identifies concerns affecting Corridor 126 258, the location of the concerns within the corridor, and the results of the analysis of the concerns by the Agencies. Concerns are checked if they are known to apply to the corridor.

☒ **Energy Planning Opportunities**

☒ **Energy Planning Concerns**

- ☐ Physical barrier
- ☒ Jurisdictional concern
- ☐ Corridor alignment and spacing
- ☐ Transmission and pipeline capacity concern

☒ **Land Management Responsibilities and Environmental Concerns**

- ☐ Air quality
- ☐ Cultural resources
- ☒ Ecological resources
- ☐ Environmental justice
- ☒ Hydrological resources
- ☒ Lands and realty
- ☒ Lands with wilderness characteristics

- ☐ Livestock grazing
- ☐ Paleontology
- ☐ Public access and recreation
- ☐ Socioeconomics
- ☐ Soils/erosion
- ☐ Specially designated areas
- ☐ Tribal concerns
- ☒ Visual resources

☐ **Interagency Operating Procedures**

REGION 3 – CORRIDOR 126 258 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING OPPORTUNITIES</b>							
126 258 .001	BLM	Vernal FO, private land	Uintah, UT	Artesia and Unknown (2) Substations	MP 0, MP 9.1, and MP 20.1	GIS Analysis: there are three substations within 5 mi of corridor.	Nearby substations provide an opportunity for the corridor to accommodate additional transmission.
126 258 .002	NA			Access to coal		Settlement Agreement, RFI: re route to ensure connection to renewable energy resources.	Response needed. Is there any recent renewable energy development or interest in this area?

REGION 3 – CORRIDOR 126 258 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>ENERGY PLANNING CONCERNS</b>							
<i>Jurisdictional Concern</i>							
126 258 .003	NA	State and private land	Uintah, UT	State and private land In undesignated corridor segments	Entire corridor	GIS Analysis: state and private lands in undesignated corridor segments.	BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies.
126 258 .004	BIA	Uintah and Ouray Reservation and private lands	Uintah, UT	Tribal lands	MP 30.4	GIS Analysis: corridor ends at private lands but is directly in line with tribal lands.	Corridor ends in line with tribal lands of the Uintah and Ouray Reservation. The Agencies would consult with the Ute Tribe as required regarding any proposed project in the corridor. BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies. The proponent would have to work with the Ute Tribe to obtain a tribal resolution consenting to the grant of a ROW by BIA. BIA cannot grant ROWs without tribal consent.
<i>Corridor Alignment and Spacing</i>							
<b>LAND MANAGEMENT RESPONSIBILITIES AND ENVIRONMENTAL CONCERNS</b>							
<i>Air Quality</i>							
<i>Cultural Resources</i>							
<i>Ecology: Special Status Plant Species</i>							
<i>Ecology: Special Status Animal Species</i>							
126 258 .005	NA	State land	Uintah, UT	Yellow billed Cuckoo critical habitat	MP 24.7 to MP 25	GIS Analysis: critical habitat intersects undesignated corridor segment.	Critical habitat is not present on BLM land within the corridor. The Vernal RMP has no ROW exclusion or avoidance prescriptions for undesignated utility corridor segments that intersect Yellow billed Cuckoo critical habitat.

REGION 3 – CORRIDOR 126 258 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
126 258 .006	NA	State land	Uintah, UT	Colorado Pikeminnow critical habitat	MP 24.7 to MP 25	GIS Analysis: critical habitat intersects undesignated corridor segment.	Critical habitat is not present on BLM land within the corridor. The Vernal RMP has no ROW exclusion or avoidance prescriptions for undesignated utility corridor segments that intersect Colorado Pikeminnow critical habitat.
126 258 .007	NA	State land	Uintah, UT	Razorback Sucker critical habitat	MP 24.7 to MP 25	GIS Analysis: critical habitat intersects undesignated corridor segment.	Critical habitat is not present on BLM land within the corridor. The Vernal RMP has no ROW exclusion or avoidance prescriptions for undesignated utility corridor segments that intersect Razorback Sucker critical habitat.
126 258 .008	BLM	Vernal FO	Uintah, UT	Utah GRSG GHMA	MP 3.2 to MP 9.5 and MP 25.8 to MP 30.4	GIS Analysis: GRSG GHMA intersects corridor.	The Vernal RMP has a NSO stipulation in 0.25 mile zone around Greater sage grouse leks. No permanent facilities or structures will be allowed within two miles when possible. No surface disturbing activities within two miles of active Greater sage grouse leks will be allowed from March 1 through June 15.
<b>Ecology: Vegetation</b>							
<b>Ecology: Terrestrial Wildlife, Big Game, Birds, and Aquatic Biota</b>							
<b>Environmental Justice</b>							
<b>Hydrology</b>							
126 258 .009	NA	State land	Uintah, UT	Green River	MP 23.6 to MP 25	GIS Analysis: Green River intersects undesignated corridor segment.	Linear ROWs can either span rivers or be buried underneath them.
126 258 .010	BLM	Vernal FO	Uintah, UT	Intermittent Streams: Unknown (5)	MP 3.1 to MP 18.2	GIS Analysis: intermittent streams intersect corridor.	Linear ROWs can either span intermittent streams or be buried underneath them.
<b>Lands and Realty: Rights of Way and General Land Use</b>							



REGION 3 – CORRIDOR 126 258 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
126 258 .011	BLM	Vernal FO	Uintah, UT	Land ownership	Scattered over full corridor length	GIS Analysis: 0.2 acres, originally designated as part of this corridor, are on private or state land <sup>2</sup> .	BLM would consider adjusting the corridor designation in future land use plans to be consistent with the current jurisdiction, possibly through plan amendment during future project implementation.
<b>Lands and Realty: Military and Civilian Aviation</b>							
<b>Lands and Realty: Transportation</b>							
<b>Lands with Wilderness Characteristics</b>							
126 258 .012	BLM	Vernal FO	Uintah, UT	LWC	MP 0 to MP 30.4	GIS Analysis: LWC intersect the corridor.	Prior to designating new corridors or prior to conducting surface disturbing activities in areas of designated corridors or recommended corridor revisions, the BLM will be required to follow the procedures as outlined in BLM Manual 6310 (Conducting Wilderness Characteristics Inventory on BLM Lands [Public]).
<b>Public Access and Recreation</b>							
<b>Socioeconomics</b>							
<b>Specially Designated Areas</b>							

REGION 3 – CORRIDOR 126 258 – ANALYSIS TABLE							
ID	Agency	Agency Jurisdiction	County	Primary Concern/ Opportunity	Corridor Location (by Milepost [MP])	Source: Context	Agency Review and Analysis <sup>1</sup>
<b>Tribal Concerns</b>							
126 258 .013	BIA	Uintah and Ouray Reservation	Uintah, UT	Tribal lands	MP 30.4	GIS Analysis: corridor ends at private lands but is directly in line with tribal lands.	Corridor ends in line with tribal lands of the Uintah and Ouray Reservation. The Agencies would consult with the Ute Tribe as required regarding any proposed project in the corridor. BLM can only authorize projects on BLM administered lands. Development on undesignated segments would require coordination outside of the Agencies. The proponent would have to work with the Ute Tribe to obtain a tribal resolution consenting to the grant of a ROW by BIA. BIA cannot grant ROWs without tribal consent.
<b>Visual Resources</b>							
126 258 .014	BLM	Vernal FO	Uintah, UT	VRM Class III	MP 0 to MP 2, MP 12.7 to MP 15.7, and MP 24.9 to MP 30.4	GIS Analysis: VRM Class III areas intersect designated and undesignated corridor segments.	VRM class objectives are binding land use plan decisions. Transmission facilities must demonstrate that they will conform to the VRM decisions in the land use plan through a hard look visual impact analysis outlined in BLM VRM Contrast Rating Handbook H 8431 1 (VRM Manual Section (MS) 8400, BLM 1986). Minimizing visual contrast remains a requirement of applicable VRM class objectives even when the proposed action is in conformance with these VRM class objectives (VRM MS 8400).
126 258 .015	BLM	Vernal FO	Uintah, UT	VRM Class III	MP 18.6 to MP 24.9	GIS Analysis: VRM Class III areas are as close as 0.5 mi north and south of corridor.	
126 258 .016	BLM	Vernal FO	Uintah, UT	VRM Class IV	MP 1.7 to MP 24.9 and MP 30.4	GIS Analysis: VRM Class IV areas intersect designated and undesignated corridor segments.	While VRM Class IV objectives allow for major modification to occur and management activities may dominate the view, minimizing visual contrast remains a requirement of these VRM class objectives. Ratings are required in areas of high sensitivity or high impact (VRM MS 8400).

<sup>1</sup> Impacts would be analyzed and mitigated as part of the project specific environmental review required under the ROW application process.

<sup>2</sup> According to the 5/12/2015 version of the SMA data.

## Abstract Acronyms and Abbreviations

BLM = Bureau of Land Management; FO = Field Office; GIS = geographic information system; LWC = Lands with Wilderness Characteristics; MP = milepost; MS = Manual Section; NA = not applicable; PEIS = Programmatic Environmental Impact Statement; RFI = request for information; ROW = right of way; SMA = Surface Management Agency; VRM = Visual Resource Management; WWEC = West wide Energy Corridor.