

**APPENDIX D3 – VISUAL RESOURCE INVENTORY
TABLES**

Table D3-1. VRI – Scenic Quality Rating Units (SQRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class A	Class B	Class C	Non-BLM Land	
Route Group 1: SunZia East Substation to Midpoint Substation	Subroute 1A1 - BLM Preferred Alternative	228.8	Miles of SQRUs Crossed	0	19.8	90.3	118.7	
			Project Corridor Acres in SQRUs	0.0	960.0	4378.2	5755.2	
			Percent in SQRUs	0.0%	8.7%	39.5%	51.88%	
	Subroute 1A – North River Crossing	219.5	Miles of SQRUs Crossed	0	19.8	85.1	114.6	
			Project Corridor Acres in SQRUs	0.0	960.0	4126.1	5556.4	
			Percent in SQRUs	0.0%	9.0%	38.8%	52.21%	
	Subroute 1B – San Antonio Crossing							
	Subroute 1B1	223.3	Miles of SQRUs Crossed	0	8.0	106	109.3	
			Project Corridor Acres in SQRUs	0.0	387.9	5139.4	5314.0	
			Percent in SQRUs	0.0%	3.6%	47.5%	48.95%	
	Subroute 1B2	209.2	Miles of SQRUs Crossed	0	8.8	111.4	89.0	
			Project Corridor Acres in SQRUs	0.0	426.7	5401.2	4320.0	
			Percent in SQRUs	0.0%	4.2%	53.3%	42.54%	
	Subroute 1B3	206.3	Miles of SQRUs Crossed	0	18.7	103.7	83.9	
			Project Corridor Acres in SQRUs	0.0	906.7	5027.9	4073.0	
			Percent in SQRUs	0.0%	9.1%	50.3%	40.67%	
	Local Alternative and Crossover Links for Route Group 1							
	Local Alternative Links for 1A and 1B1 (Gran Quivira)							
	E81	21.7	Miles of SQRUs Crossed	0.0	0.0	0.0	21.7	
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	1052.0	
			Percent in SQRUs	0.00%	0.00%	0.00%	100.00%	
	E82-E84-E85	29.3	Miles of SQRUs Crossed	0.0	0.0	0.0	29.3	
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	1624.0	
			Percent in SQRUs	0.00%	0.00%	0.00%	100.00%	
	E83	10.3	Miles of SQRUs Crossed	0.0	0.0	0.0	10.3	
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	349.0	
			Percent in SQRUs	0.00%	0.00%	0.00%	100.00%	
	Local Alternative Links for 1A, 1B1, 1B2, 1B3							
	A161b	18.6	Miles of SQRUs Crossed	0.0	0.0	8.5	10.1	
			Project Corridor Acres in SQRUs	0.0	0.0	412.1	490.0	
			Percent in SQRUs	0	0.0%	45.7%	54.30%	
A260	28.4	Miles of SQRUs Crossed	0.0	0.0	23.7	4.7		
		Project Corridor Acres in SQRUs	0.0	0.0	1149.1	228.0		
		Percent in SQRUs	0.0%	0.0%	83.5%	16.55%		
A361-A430-A481	48.0	Miles of SQRUs Crossed	0.0	12.6	6.1	29.3		
		Project Corridor Acres in SQRUs	0.0	610.9	295.8	1421.0		
		Percent in SQRUs	0.0%	26.3%	12.7%	61.04%		
Crossover Link s 1B2, 1B3								
A70	7.7	Miles of SQRUs Crossed	0.0	3.2	0.8	3.7		
		Project Corridor Acres in SQRUs	0.0	155.2	38.8	179.0		
		Percent in SQRUs	0	41.6%	10.4%	48.05%		

Table D3-1. VRI – Scenic Quality Rating Units (SQRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class A	Class B	Class C	Non-BLM Land	
Route Group 3: Midpoint Substation to Willow-500 kV Substation	Subroute 3A1 - BLM Preferred Alternative	140.3	Miles of SQRUs Crossed	0	43.3	22.6	74.4	
			Project Corridor Acres in SQRUs	0.0	2099.4	1095.8	3166.0	
			Percent in SQRUs	0.0%	30.9%	16.1%	53.03%	
	Subroute 3A – North	123.5	Miles of SQRUs Crossed	0	33.3	24.8	65.4	
			Project Corridor Acres in SQRUs	0.0	1614.5	1202.4	3166.0	
			Percent in SQRUs	0.0%	27.0%	20.1%	52.96%	
	Subroute 3B – South	128.6	Miles of SQRUs Crossed	0	44.8	11.2	72.6	
			Project Corridor Acres in SQRUs	0.0	2172.1	543.0	3530.0	
			Percent in SQRUs	0.0%	34.8%	8.7%	56.45%	
	Local Alternative and Crossover Links for Route Group 3							
	Crossover Links 3A, 3B							
	B111	6.9	Miles of SQRUs Crossed	0.0	0.0	1.7	5.2	
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	252.0	
			Percent in SQRUs	0.0%	0.0%	24.6%	75.36%	
	B140	8.3	Miles of SQRUs Crossed	0.0	0.0	1.2	7.1	
Project Corridor Acres in SQRUs			0.0	0.0	58.2	344.0		
Percent in SQRUs			0.0%	0.0%	14.5%	85.54%		
Route Group 4: Willow-500 kV Substation to Pinal Central Substation	Subroute 4A – North of Mt. Graham	132.8	Miles of SQRUs Crossed	0	11	0	121.8	
			Project Corridor Acres in SQRUs	0.0	533.3	0.0	5910.0	
			Percent in SQRUs	0.0%	8.3%	0.0%	91.72%	
	Subroute 4B – Sulphur Springs Valley	132.8	Miles of SQRUs Crossed	0	5	0	127.8	
			Project Corridor Acres in SQRUs	0.0	242.4	0.0	6206.0	
			Percent in SQRUs	0.0%	3.8%	0.0%	96.23%	
	Subroute 4C – San Pedro Valley							
	Subroute 4C2c - BLM Preferred Alternative	161.2	Miles of SQRUs Crossed	0	9.8	5	146.4	
			Project Corridor Acres in SQRUs	0.0	475.2	242.4	6642.0	
			Percent in SQRUs	0.0%	6.1%	3.1%	90.82%	
	Subroute 4C1	138.9	Miles of SQRUs Crossed	1.4	3.9	0	133.6	
			Project Corridor Acres in SQRUs	67.9	189.1	0.0	6482.0	
			Percent in SQRUs	1.0%	2.8%	0.0%	96.18%	
	Subroute 4C2	151.3	Miles of SQRUs Crossed	0	9.8	5	136.5	
			Project Corridor Acres in SQRUs	0.0	475.2	242.4	6642.0	
Percent in SQRUs			0.0%	6.5%	3.3%	90.22%		
Subroute 4C3	172.9	Miles of SQRUs Crossed	0	8.1	5.1	159.7		
		Project Corridor Acres in SQRUs	0.0	392.7	247.3	7743.0		
		Percent in SQRUs	0.0%	4.7%	2.9%	92.37%		
Local Alternative and Crossover Links for Route Group 4								
Local Alternative Link for 4A, 4B, 4C1								
C790	8.8	Miles of SQRUs Crossed	0.0	0.0	0.0	8.8		
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	427.0		
		Percent in SQRUs	0.0%	0.0%	0.0%	100.00%		
Local Alternative Links for 4A, 4B, 4C1, 4C2, 4C3								
C860	6.9	Miles of SQRUs Crossed	0.0	0.0	0.0	6.9		
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	335.0		

Table D3-1. VRI – Scenic Quality Rating Units (SQRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class A	Class B	Class C	Non-BLM Land
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C870	0.2	Miles of SQRUs Crossed	0.0	0.0	0.0	0.2
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	10.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C890	2.8	Miles of SQRUs Crossed	0.0	0.0	0.0	2.8
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	136.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1							
	C692	4.8	Miles of SQRUs Crossed	0.0	0.0	0.0	4.8
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	233.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C2 – Winchester and Tortolita Substations							
	C260-C261-C201	31.0	Miles of SQRUs Crossed	0.0	0.0	0.0	31.0
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	1503.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C680	26.1	Miles of SQRUs Crossed	0.0	2.0	0.0	24.1
			Project Corridor Acres in SQRUs	0.0	97.0	0.0	1168.0
			Percent in SQRUs	0.0%	7.7%	0.0%	92.34%
	C815	0.9	Miles of SQRUs Crossed	0.0	0.9	0.0	0.0
			Project Corridor Acres in SQRUs	0.0	43.6	0.0	0.0
			Percent in SQRUs	0.0%	100.0%	0.0%	0.00%
	C814	1.0	Miles of SQRUs Crossed	0.0	1.0	0.0	0.0
			Project Corridor Acres in SQRUs	0.0	48.5	0.0	0.0
			Percent in SQRUs	0.0%	100.0%	0.0%	0.00%
	C816	0.2	Miles of SQRUs Crossed	0.0	0.1	0.0	0.1
			Project Corridor Acres in SQRUs	0.0	4.8	0.0	0.0
			Percent in SQRUs	0.0%	50.0%	0.0%	50.00%
	C812	3.3	Miles of SQRUs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	160.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C813	0.5	Miles of SQRUs Crossed	0.0	0.5	0.0	0.0
			Project Corridor Acres in SQRUs	0.0	24.2	0.0	0.0
			Percent in SQRUs	0.0%	100.0%	0.0%	0.00%
	C810	2.0	Miles of SQRUs Crossed	0.0	0.1	0.0	1.9
			Project Corridor Acres in SQRUs	0.0	4.8	0.0	92.0
			Percent in SQRUs	0.0%	5.0%	0.0%	95.00%
	C810a	1.7	Miles of SQRUs Crossed	0.0	0.0	0.0	1.7
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	82.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C817	1.8	Miles of SQRUs Crossed	0.0	1.1	0.0	0.7
			Project Corridor Acres in SQRUs	0.0	53.3	0.0	34.0
			Percent in SQRUs	0.0%	61.1%	0.0%	38.89%
Local Alternative Links for 4C3							
	F40b-F51-F60a	11.1	Miles of SQRUs Crossed	0.0	0.0	0.0	11.1
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	538.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%

Table D3-1. VRI – Scenic Quality Rating Units (SQRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class A	Class B	Class C	Non-BLM Land
	F81a-F81b	32.2	Miles of SQRUs Crossed	0.0	0.0	0.0	32.2
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	1561.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
	C812	3.3	Miles of SQRUs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in SQRUs	0.0	0.0	0.0	160.0
			Percent in SQRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1, 4C2, 4C3							
C72-C90-C121-C211	24.4	Miles of SQRUs Crossed	0.0	0.0	0.0	24.4	
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	1,188.0	
		Percent in SQRUs	0.0%	0.0%	0.0%	100.0%	
Crossover Links for 4A, 4B, 4C1							
C500	5.1	Miles of SQRUs Crossed	0.0	0.0	0.0	5.1	
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	247.0	
		Percent in SQRUs	0.0%	0.0%	0.0%	100.00%	
C501	4.8	Miles of SQRUs Crossed	0.0	0.0	0.0	4.8	
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	233.0	
		Percent in SQRUs	0.0%	0.0%	0.0%	100.00%	
C502	3.9	Miles of SQRUs Crossed	0.0	0.1	0.0	3.8	
		Project Corridor Acres in SQRUs	0.0	4.8	0.0	184.0	
		Percent in SQRUs	0.0%	2.6%	0.0%	97.44%	
C174	3.1	Miles of SQRUs Crossed	0.0	0.0	0.0	3.1	
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	150.0	
		Percent in SQRUs	0.0%	0.0%	0.0%	100.00%	
Crossover Links for 4A, 4B, 4C1, 4C2							
C671	7.9	Miles of SQRUs Crossed	0.0	0.0	0.0	7.9	
		Project Corridor Acres in SQRUs	0.0	0.0	0.0	383.0	
		Percent in SQRUs	0.0%	0.0%	0.0%	100.0%	

*The ground disturbance is based on Option B and C which have the same (maximum) amount of potential temporary and permanent disturbance estimated for the two proposed 500 kV (AC and DC) transmission lines.

Table D3-2. VRI – Sensitivity Level Rating Units (SLRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land	
Route Group 1: SunZia East Substation to Midpoint Substation	Subroute 1A1 - BLM Preferred Alternative	228.8	Miles of SLRUs Crossed	48.9	33.3	27.9	118.7	
			Project Corridor Acres in SLRUs	2370.9	1614.5	1352.7	5755.2	
			Percent in SLRUs	21.4%	14.6%	12.2%	51.88%	
	Subroute 1A – North River Crossing	219.5	Miles of SLRUs Crossed	45.1	28	31.8	114.6	
			Project Corridor Acres in SLRUs	2186.7	1357.6	1541.8	5556.4	
			Percent in SLRUs	20.5%	12.8%	14.5%	52.21%	
	Subroute 1B – San Antonio Crossing							
	Subroute 1B1	223.3	Miles of SLRUs Crossed	46.3	22.7	45	109.3	
			Project Corridor Acres in SLRUs	2244.8	1100.6	2181.8	5314.0	
			Percent in SLRUs	20.7%	10.2%	20.2%	48.95%	
	Subroute 1B2	209.2	Miles of SLRUs Crossed	46.3	25.1	48.8	89.0	
			Project Corridor Acres in SLRUs	2244.8	1217.0	2366.1	4320.0	
			Percent in SLRUs	22.1%	12.0%	23.3%	42.54%	
	Subroute 1B3	206.3	Miles of SLRUs Crossed	46.3	30.3	45.8	83.9	
			Project Corridor Acres in SLRUs	2244.8	1469.1	2220.6	4073.0	
			Percent in SLRUs	22.4%	14.7%	22.2%	40.67%	
	Local Alternative and Crossover Links for Route Group 1							
	Local Alternative Links for 1A and 1B1 (Gran Quivira)							
	E81	21.7	Miles of SLRUs Crossed	0.0	0.0	0.0	21.7	
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	1052.0	
			Percent in SLRUs	0.00%	0.00%	0.00%	100.00%	
	E82-E84-E85	29.3	Miles of SLRUs Crossed	0.0	0.0	0.0	29.3	
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	1624.0	
			Percent in SLRUs	0.00%	0.00%	0.00%	100.00%	
	E83	10.3	Miles of SLRUs Crossed	0.0	0.0	0.0	10.3	
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	349.0	
			Percent in SLRUs	0.00%	0.00%	0.00%	100.00%	
	Local Alternative Links for 1A, 1B1, 1B2, 1B3							
	A161b	18.6	Miles of SLRUs Crossed	0.0	5.0	3.5	10.1	
			Project Corridor Acres in SLRUs	0.0	242.4	169.7	490.0	
Percent in SLRUs			0	26.9%	18.8%	54.30%		
A260	28.4	Miles of SLRUs Crossed	15.9	5.6	2.2	4.7		
		Project Corridor Acres in SLRUs	770.9	271.5	106.7	228.0		
		Percent in SLRUs	56.0%	19.7%	7.7%	16.55%		
A361-A430-A481	48.0	Miles of SLRUs Crossed	0.0	7.3	11.4	29.3		
		Project Corridor Acres in SLRUs	0.0	353.9	552.7	1421.0		
		Percent in SLRUs	0.0%	15.2%	23.8%	61.04%		
Crossover Links 1B2, 1B3								
A70	7.7	Miles of SLRUs Crossed	0.0	2.1	1.9	3.7		
		Project Corridor Acres in SLRUs	0.0	101.8	92.1	179.0		
		Percent in SLRUs	0	27.3%	24.7%	48.05%		

Table D3-2. VRI – Sensitivity Level Rating Units (SLRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land	
Route Group 3: Midpoint Substation to Willow-500 kV Substation	Subroute 3A1 - BLM Preferred Alternative	140.3	Miles of SLRUs Crossed	20.3	13.8	31.8	74.4	
			Project Corridor Acres in SLRUs	984.2	669.1	1541.8	3166.0	
			Percent in SLRUs	14.5%	9.8%	22.7%	53.03%	
	Subroute 3A – North	123.5	Miles of SLRUs Crossed	11.1	6.4	40.6	65.4	
			Project Corridor Acres in SLRUs	538.2	310.3	1968.5	3166.0	
			Percent in SLRUs	9.0%	5.2%	32.9%	52.96%	
	Subroute 3B – South	128.6	Miles of SLRUs Crossed	23.7	10.4	21.9	72.6	
			Project Corridor Acres in SLRUs	1149.1	504.2	1061.8	3530.0	
			Percent in SLRUs	18.4%	8.1%	17.0%	56.45%	
	Local Alternative and Crossover Links for Route Group 3							
	Crossover Links 3A, 3B							
	B111	6.9	Miles of SLRUs Crossed	1.7	0.0	0.0	5.2	
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	252.0	
			Percent in SLRUs	24.6%	0.0%	0.0%	75.36%	
	B140	8.3	Miles of SLRUs Crossed	1.2	0.0	0.0	7.1	
Project Corridor Acres in SLRUs			58.2	0.0	0.0	344.0		
Percent in SLRUs			14.5%	0.0%	0.0%	85.54%		
Route Group 4: Willow-500 kV Substation to Pinal Central Substation	Subroute 4A – North of Mt. Graham	132.8	Miles of SLRUs Crossed	3.9	7.1	0	121.8	
			Project Corridor Acres in SLRUs	189.1	344.2	0.0	5910.0	
			Percent in SLRUs	2.9%	5.3%	0.0%	91.72%	
	Subroute 4B – Sulphur Springs Valley	132.8	Miles of SLRUs Crossed	3.9	1.1	0	127.8	
			Project Corridor Acres in SLRUs	189.1	53.3	0.0	6206.0	
			Percent in SLRUs	2.9%	0.8%	0.0%	96.23%	
	Subroute 4C – San Pedro Valley							
	Subroute 4C2c - BLM Preferred Alternative	161.2	Miles of SLRUs Crossed	0.6	9.8	4.4	146.4	
			Project Corridor Acres in SLRUs	29.1	475.2	213.3	6642.0	
			Percent in SLRUs	0.4%	6.1%	2.7%	90.82%	
	Subroute 4C1	138.9	Miles of SLRUs Crossed	4.2	0	1.1	133.6	
			Project Corridor Acres in SLRUs	203.6	0.0	53.3	6482.0	
			Percent in SLRUs	3.0%	0.0%	0.8%	96.18%	
	Subroute 4C2	151.3	Miles of SLRUs Crossed	0.6	9.8	4.4	136.5	
			Project Corridor Acres in SLRUs	29.1	475.2	213.3	6642.0	
Percent in SLRUs			0.4%	6.5%	2.9%	90.22%		
Subroute 4C3	172.9	Miles of SLRUs Crossed	0.6	8.2	4.4	159.7		
		Project Corridor Acres in SLRUs	29.1	397.6	213.3	7743.0		
		Percent in SLRUs	0.3%	4.7%	2.5%	92.37%		
Local Alternative and Crossover Links for Route Group 4								
Local Alternative Link for 4A, 4B, 4C1								
C790	8.8	Miles of SLRUs Crossed	0.0	0.0	0.0	8.8		
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	427.0		
		Percent in SLRUs	0.0%	0.0%	0.0%	100.00%		
Local Alternative Links for 4A, 4B, 4C1, 4C2, 4C3								
C860	6.9	Miles of SLRUs Crossed	0.0	0.0	0.0	6.9		
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	335.0		

Table D3-2. VRI – Sensitivity Level Rating Units (SLRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C870	0.2	Miles of SLRUs Crossed	0.0	0.0	0.0	0.2
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	10.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C890	2.8	Miles of SLRUs Crossed	0.0	0.0	0.0	2.8
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	136.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1							
	C692	4.8	Miles of SLRUs Crossed	0.0	0.0	0.0	4.8
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	233.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C2 – Winchester and Tortolita Substations							
	C260-C261-C201	31.0	Miles of SLRUs Crossed	0.0	0.0	0.0	31.0
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	1503.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C680	26.1	Miles of SLRUs Crossed	0.0	2.0	0.0	24.1
			Project Corridor Acres in SLRUs	0.0	97.0	0.0	1168.0
			Percent in SLRUs	0.0%	7.7%	0.0%	92.34%
	C815	0.9	Miles of SLRUs Crossed	0.0	0.9	0.0	0.0
			Project Corridor Acres in SLRUs	0.0	43.6	0.0	0.0
			Percent in SLRUs	0.0%	100.0%	0.0%	0.00%
	C814	1.0	Miles of SLRUs Crossed	0.0	1.0	0.0	0.0
			Project Corridor Acres in SLRUs	0.0	48.5	0.0	0.0
			Percent in SLRUs	0.0%	100.0%	0.0%	0.00%
	C816	0.2	Miles of SLRUs Crossed	0.0	0.1	0.0	0.1
			Project Corridor Acres in SLRUs	0.0	4.8	0.0	0.0
			Percent in SLRUs	0.0%	50.0%	0.0%	50.00%
	C812	3.3	Miles of SLRUs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	160.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C813	0.5	Miles of SLRUs Crossed	0.0	0.5	0.0	0.0
			Project Corridor Acres in SLRUs	0.0	24.2	0.0	0.0
			Percent in SLRUs	0.0%	100.0%	0.0%	0.00%
	C810	2.0	Miles of SLRUs Crossed	0.0	0.1	0.0	1.9
			Project Corridor Acres in SLRUs	0.0	4.8	0.0	92.0
			Percent in SLRUs	0.0%	5.0%	0.0%	95.00%
	C810a	1.7	Miles of SLRUs Crossed	0.0	0.0	0.0	1.7
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	82.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C817	1.8	Miles of SLRUs Crossed	0.0	1.1	0.0	0.7
			Project Corridor Acres in SLRUs	0.0	53.3	0.0	34.0
			Percent in SLRUs	0.0%	61.1%	0.0%	38.89%
Local Alternative Links for 4C3							
	F40b-F51-F60a	11.1	Miles of SLRUs Crossed	0.0	0.0	0.0	11.1
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	538.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%

Table D3-2. VRI – Sensitivity Level Rating Units (SLRU)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land
	F81a-F81b	32.2	Miles of SLRUs Crossed	0.0	0.0	0.0	32.2
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	1561.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
	C812	3.3	Miles of SLRUs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in SLRUs	0.0	0.0	0.0	160.0
			Percent in SLRUs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1, 4C2, 4C3							
C72-C90-C121-C211	24.4	Miles of SLRUs Crossed	0.0	0.0	0.0	24.4	
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	1,188.0	
		Percent in SLRUs	0.0%	0.0%	0.0%	100.0%	
Crossover Links for 4A, 4B, 4C1							
C500	5.1	Miles of SLRUs Crossed	0.0	0.0	0.0	5.1	
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	247.0	
		Percent in SLRUs	0.0%	0.0%	0.0%	100.00%	
C501	4.8	Miles of SLRUs Crossed	0.0	0.0	0.0	4.8	
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	233.0	
		Percent in SLRUs	0.0%	0.0%	0.0%	100.00%	
C502	3.9	Miles of SLRUs Crossed	0.1	0.0	0.0	3.8	
		Project Corridor Acres in SLRUs	4.8	0.0	0.0	184.0	
		Percent in SLRUs	2.6%	0.0%	0.0%	97.44%	
C174	3.1	Miles of SLRUs Crossed	0.0	0.0	0.0	3.1	
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	150.0	
		Percent in SLRUs	0.0%	0.0%	0.0%	100.00%	
Crossover Links for 4A, 4B, 4C1, 4C2							
C671	7.9	Miles of SLRUs Crossed	0.0	0.0	0.0	7.9	
		Project Corridor Acres in SLRUs	0.0	0.0	0.0	383.0	
		Percent in SLRUs	0.0%	0.0%	0.0%	100.0%	

*The ground disturbance is based on Option B and C which have the same (maximum) amount of potential temporary and permanent disturbance estimated for the two proposed 500 kV (AC and DC) transmission lines.

Table D3-3. VRI – Distance Zones (DZ)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land	
Route Group 1: SunZia East Substation to Midpoint Substation	Subroute 1A1 - BLM Preferred Alternative	228.8	Miles of DZs Crossed	0.0	0.0	110.1	118.7	
			Project Corridor Acres in DZs	0.0	0.0	5338.2	5755.2	
			Percent in DZs	0.0%	0.0%	48.1%	51.88%	
	Subroute 1A – North River Crossing	219.5	Miles of DZs Crossed	0.0	0.0	104.9	114.6	
			Project Corridor Acres in DZs	0.0	0.0	5086.1	5556.4	
			Percent in DZs	0.0%	0.0%	47.8%	52.21%	
	Subroute 1B – San Antonio Crossing							
	Subroute 1B1	223.3	Miles of DZs Crossed	0.0	0.0	114.0	109.3	
			Project Corridor Acres in DZs	0.0	0.0	5527.3	5314.0	
			Percent in DZs	0.0%	0.0%	51.1%	48.95%	
	Subroute 1B2	209.2	Miles of DZs Crossed	0.0	0.0	120.0	89.2	
			Project Corridor Acres in DZs	0.0	0.0	5818.2	4320.0	
			Percent in DZs	0.0%	0.0%	57.4%	42.64%	
	Subroute 1B3	206.3	Miles of DZs Crossed	0.0	0.0	122.4	83.9	
			Project Corridor Acres in DZs	0.0	0.0	5934.5	4073.0	
			Percent in DZs	0.0%	0.0%	59.3%	40.67%	
	Local Alternative and Crossover Links for Route Group 1							
	Local Alternative Links for 1A and 1B1 (Gran Quivira)							
	E81	21.7	Miles of DZs Crossed	0.0	0.0	0.0	21.7	
			Project Corridor Acres in DZs	0.0	0.0	0.0	1052.0	
			Percent in DZs	0.00%	0.00%	0.00%	100.00%	
	E82-E84-E85	29.3	Miles of DZs Crossed	0.0	0.0	0.0	29.3	
			Project Corridor Acres in DZs	0.0	0.0	0.0	1624.0	
			Percent in DZs	0.00%	0.00%	0.00%	100.00%	
	E83	10.3	Miles of DZs Crossed	0.0	0.0	0.0	10.3	
			Project Corridor Acres in DZs	0.0	0.0	0.0	349.0	
			Percent in DZs	0.00%	0.00%	0.00%	100.00%	
	Local Alternative Links for 1A, 1B1, 1B2, 1B3							
	A161b	18.6	Miles of DZs Crossed	0.0	1.5	7.0	10.1	
			Project Corridor Acres in DZs	0.0	72.7	339.4	490.0	
			Percent in DZs	0	8.1%	37.6%	54.30%	
	A260	28.4	Miles of DZs Crossed	0.0	0.0	23.7	4.7	
Project Corridor Acres in DZs			0.0	0.0	1149.1	228.0		
Percent in DZs			0.0%	0.0%	83.5%	16.55%		
A361-A430-A481	48.0	Miles of DZs Crossed	0.0	0.0	18.7	29.3		
		Project Corridor Acres in DZs	0.0	0.0	906.7	1421.0		
		Percent in DZs	0.0%	0.0%	39.0%	61.04%		
Crossover Links 1B2, 1B3								
A70	7.7	Miles of DZs Crossed	0.0	0.0	4.0	3.7		
		Project Corridor Acres in DZs	0.0	0.0	193.9	179.0		
		Percent in DZs	0	0.0%	51.9%	48.05%		

Table D3-3. VRI – Distance Zones (DZ)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land	
Route Group 3: Midpoint Substation to Willow-500 kV Substation	Subroute 3A1 - BLM Preferred Alternative	140.3	Miles of DZs Crossed	0.0	0.0	65.9	74.4	
			Project Corridor Acres in DZs	0.0	0.0	3195.2	3166.0	
			Percent in DZs	0.0%	0.0%	47.0%	53.03%	
	Subroute 3A – North	123.5	Miles of DZs Crossed	0.0	0.0	58.1	65.4	
			Project Corridor Acres in DZs	0.0	0.0	2817.0	3166.0	
			Percent in DZs	0.0%	0.0%	47.0%	52.96%	
	Subroute 3B – South	128.6	Miles of DZs Crossed	0.0	0.0	56.0	72.6	
			Project Corridor Acres in DZs	0.0	0.0	2715.2	3530.0	
			Percent in DZs	0.0%	0.0%	43.5%	56.45%	
	Local Alternative and Crossover Links for Route Group 3							
	Crossover Links 3A, 3B							
	B111	6.9	Miles of DZs Crossed	0.0	0.0	1.7	5.2	
Project Corridor Acres in DZs			0.0	0.0	0.0	252.0		
Percent in DZs			0.0%	0.0%	24.6%	75.36%		
B140	8.3	Miles of DZs Crossed	0.0	0.0	1.2	7.1		
		Project Corridor Acres in DZs	0.0	0.0	58.2	344.0		
		Percent in DZs	0.0%	0.0%	14.5%	85.54%		
Route Group 4: Willow-500 kV Substation to Pinal Central Substation	Subroute 4A – North of Mt. Graham	132.8	Miles of DZs Crossed	0.0	0.1	10.9	121.8	
			Project Corridor Acres in DZs	0.0	4.8	528.5	5910.0	
			Percent in DZs	0.0%	0.1%	8.2%	91.72%	
	Subroute 4B – Sulphur Springs Valley	132.8	Miles of DZs Crossed	0.0	0.1	4.9	127.8	
			Project Corridor Acres in DZs	0.0	4.8	237.6	6206.0	
			Percent in DZs	0.0%	0.1%	3.7%	96.23%	
	Subroute 4C – San Pedro Valley							
	Subroute 4C2c - BLM Preferred Alternative	161.2	Miles of DZs Crossed	0.0	0.0	14.8	146.4	
			Project Corridor Acres in DZs	0.0	0.0	717.6	6642.0	
			Percent in DZs	0.0%	0.0%	9.2%	90.82%	
	Subroute 4C1	138.9	Miles of DZs Crossed	0.0	0.2	5.1	133.6	
			Project Corridor Acres in DZs	0.0	9.7	247.3	6482.0	
			Percent in DZs	0.0%	0.1%	3.7%	96.18%	
	Subroute 4C2	151.3	Miles of DZs Crossed	0.0	0.0	14.8	136.5	
			Project Corridor Acres in DZs	0.0	0.0	717.6	6642.0	
Percent in DZs			0.0%	0.0%	9.8%	90.22%		
Subroute 4C3	172.9	Miles of DZs Crossed	0.0	0.0	13.2	159.7		
		Project Corridor Acres in DZs	0.0	0.0	640.0	7743.0		
		Percent in DZs	0.0%	0.0%	7.6%	92.37%		
Local Alternative and Crossover Links for Route Group 4								
Local Alternative Link for 4A, 4B, 4C1								
C790	8.8	Miles of DZs Crossed	0.0	0.0	0.0	8.8		
		Project Corridor Acres in DZs	0.0	0.0	0.0	427.0		
		Percent in DZs	0.0%	0.0%	0.0%	100.00%		
Local Alternative Links for 4A, 4B, 4C1, 4C2, 4C3								
C860	6.9	Miles of DZs Crossed	0.0	0.0	0.0	6.9		
		Project Corridor Acres in DZs	0.0	0.0	0.0	335.0		

Table D3-3. VRI – Distance Zones (DZ)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C870	0.2	Miles of DZs Crossed	0.0	0.0	0.0	0.2
			Project Corridor Acres in DZs	0.0	0.0	0.0	10.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C890	2.8	Miles of DZs Crossed	0.0	0.0	0.0	2.8
			Project Corridor Acres in DZs	0.0	0.0	0.0	136.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1							
	C692	4.8	Miles of DZs Crossed	0.0	0.0	0.0	4.8
			Project Corridor Acres in DZs	0.0	0.0	0.0	233.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C2 – Winchester and Tortolita Substations							
	C260-C261-C201	31.0	Miles of DZs Crossed	0.0	0.0	0.0	31.0
			Project Corridor Acres in DZs	0.0	0.0	0.0	1503.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C680	26.1	Miles of DZs Crossed	0.0	0.0	2.0	24.1
			Project Corridor Acres in DZs	0.0	0.0	97.0	1168.0
			Percent in DZs	0.0%	0.0%	7.7%	92.34%
	C815	0.9	Miles of DZs Crossed	0.0	0.0	0.9	0.0
			Project Corridor Acres in DZs	0.0	0.0	43.6	0.0
			Percent in DZs	0.0%	0.0%	100.0%	0.00%
	C814	1.0	Miles of DZs Crossed	0.0	1.0	0.0	0.0
			Project Corridor Acres in DZs	0.0	48.5	0.0	0.0
			Percent in DZs	0.0%	100.0%	0.0%	0.00%
	C816	0.2	Miles of DZs Crossed	0.0	0.1	0.0	0.1
			Project Corridor Acres in DZs	0.0	4.8	0.0	0.0
			Percent in DZs	0.0%	50.0%	0.0%	50.00%
	C812	3.3	Miles of DZs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in DZs	0.0	0.0	0.0	160.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C813	0.5	Miles of DZs Crossed	0.0	0.0	0.5	0.0
			Project Corridor Acres in DZs	0.0	0.0	24.2	0.0
			Percent in DZs	0.0%	0.0%	100.0%	0.00%
	C810	2.0	Miles of DZs Crossed	0.0	0.0	0.1	1.9
			Project Corridor Acres in DZs	0.0	0.0	4.8	92.0
			Percent in DZs	0.0%	0.0%	5.0%	95.00%
	C810a	1.7	Miles of DZs Crossed	0.0	0.0	0.0	1.7
			Project Corridor Acres in DZs	0.0	0.0	0.0	82.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C817	1.8	Miles of DZs Crossed	0.0	0.0	1.1	0.7
			Project Corridor Acres in DZs	0.0	0.0	53.3	34.0
			Percent in DZs	0.0%	0.0%	61.1%	38.89%
Local Alternative Links for 4C3							
	F40b-F51-F60a	11.1	Miles of DZs Crossed	0.0	0.0	0.0	11.1
			Project Corridor Acres in DZs	0.0	0.0	0.0	538.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%

Table D3-3. VRI – Distance Zones (DZ)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		High	Moderate	Low	Non-BLM Land
	F81a-F81b	32.2	Miles of DZs Crossed	0.0	0.0	0.0	32.2
			Project Corridor Acres in DZs	0.0	0.0	0.0	1561.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
	C812	3.3	Miles of DZs Crossed	0.0	0.0	0.0	3.3
			Project Corridor Acres in DZs	0.0	0.0	0.0	160.0
			Percent in DZs	0.0%	0.0%	0.0%	100.00%
Local Alternative Links for 4C1, 4C2, 4C3							
C72-C90-C121-C211	24.4	Miles of DZs Crossed	0.0	0.0	0.0	24.4	
		Project Corridor Acres in DZs	0.0	0.0	0.0	1,188.0	
		Percent in DZs	0.0%	0.0%	0.0%	100.0%	
Crossover Links for 4A, 4B, 4C1							
C500	5.1	Miles of DZs Crossed	0.0	0.0	0.0	5.1	
		Project Corridor Acres in DZs	0.0	0.0	0.0	247.0	
		Percent in DZs	0.0%	0.0%	0.0%	100.00%	
C501	4.8	Miles of DZs Crossed	0.0	0.0	0.0	4.8	
		Project Corridor Acres in DZs	0.0	0.0	0.0	233.0	
		Percent in DZs	0.0%	0.0%	0.0%	100.00%	
C502	3.9	Miles of DZs Crossed	0.0	0.0	0.1	3.8	
		Project Corridor Acres in DZs	0.0	0.0	4.8	184.0	
		Percent in DZs	0.0%	0.0%	2.6%	97.44%	
C174	3.1	Miles of DZs Crossed	0.0	0.0	0.0	3.1	
		Project Corridor Acres in DZs	0.0	0.0	0.0	150.0	
		Percent in DZs	0.0%	0.0%	0.0%	100.00%	
Crossover Links for 4A, 4B, 4C1, 4C2							
C671	7.9	Miles of DZs Crossed	0.0	0.0	0.0	7.9	
		Project Corridor Acres in DZs	0.0	0.0	0.0	383.0	
		Percent in DZs	0.0%	0.0%	0.0%	100.0%	

*The ground disturbance is based on Option B and C which have the same (maximum) amount of potential temporary and permanent disturbance estimated for the two proposed 500 kV (AC and DC) transmission lines.

Table D3-4. VRI – VISUAL RESOURCE INVENTORY CLASSES (VRIC)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class I	Class II	Class III	Class IV	Non-BLM Land	
Route Group 1: SunZia East Substation to Midpoint Substation	Subroute 1A1 - BLM Preferred Alternative	228.8	Miles of VRICs Crossed	0.0	3.3	50.3	56.5	118.7	
			Project Corridor Acres in VRICs	0.0	160.0	2,438.8	2,686.1	5,808.5	
			Percent in VRICs	0.0%	1.4%	21.9%	24.2%	52.3%	
	Subroute 1A – North River Crossing	219.5	Miles of VRICs Crossed	0.0	3.3	46.5	54.8	114.9	
			Project Corridor Acres in VRICs	0.0	160.0	2,254.5	2,657.0	5,551.5	
			Percent in VRICs	0.0%	1.5%	21.2%	25.0%	52.3%	
	Subroute 1B – San Antonio Crossing								
	Subroute 1B1	223.3	Miles of VRICs Crossed	0.0	3.3	46.1	64.3	109.6	
			Project Corridor Acres in VRICs	0.0	160.0	2,235.2	3,117.6	5,314.0	
			Percent in VRICs	0.0%	1.5%	20.6%	28.8%	49.1%	
	Subroute 1B2	209.2	Miles of VRICs Crossed	0.0	3.3	46.9	69.7	89.3	
			Project Corridor Acres in VRICs	0.0	160.0	2,273.9	3,379.4	4,320.0	
			Percent in VRICs	0.0%	1.6%	22.4%	33.3%	42.7%	
	Subroute 1B3	206.3	Miles of VRICs Crossed	0.0	3.3	54.2	64.6	84.2	
			Project Corridor Acres in VRICs	0.0	160.0	2,627.9	3,132.1	4,073.0	
			Percent in VRICs	0.0%	1.6%	26.3%	31.3%	40.8%	
	Local Alternative and Crossover Links for Route Group 1								
	Local Alternative Links for 1A and 1B1 (Gran Quivira)								
	E81	21.7	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	21.7	
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	1,052.0	
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%	
	E82-E84-E85	29.3	Miles of VRICs Crossed	0.0	0.0	0.0	1.1	28.2	
			Project Corridor Acres in VRICs	0.0	0.0	0.0	53.3	1,367.1	
			Percent in VRICs	0.0%	0.0%	0.0%	3.8%	96.2%	
	E83	10.3	Miles of VRICs Crossed	0.0	0.0	0.0	0.2	10.1	
			Project Corridor Acres in VRICs	0.0	0.0	0.0	9.7	489.7	
			Percent in VRICs	0.0%	0.0%	0.0%	1.9%	98.1%	
	Local Alternative Links for 1A, 1B1, 1B2, 1B3								
	A161b	18.6	Miles of VRICs Crossed	0.0	0.0	1.4	7.0	10.2	
			Project Corridor Acres in VRICs	0.0	0.0	67.9	339.4	490.0	
Percent in VRICs			0.0%	0	7.5%	37.6%	54.9%		
A260	28.4	Miles of VRICs Crossed	0.0	0.0	15.9	7.8	4.7		
		Project Corridor Acres in VRICs	0.0	0.0	770.9	378.2	228.0		
		Percent in VRICs	0.0%	0.0%	56.0%	27.5%	16.5%		
A361-A430-A481	48.0	Miles of VRICs Crossed	0.0	0.0	6.7	12.3	29.0		
		Project Corridor Acres in VRICs	0.0	0.0	324.8	596.4	1,421.0		
		Percent in VRICs	0.0%	0.0%	14.0%	25.6%	60.4%		
Crossover Links 1B2, 1B3									
A70	7.7	Miles of VRICs Crossed	0.0	0.0	2.2	1.9	3.6		
		Project Corridor Acres in VRICs	0.0	0.0	106.7	92.1	179.0		
		Percent in VRICs	0.0%	0	28.6%	24.7%	46.7%		

Table D3-4. VRI – VISUAL RESOURCE INVENTORY CLASSES (VRIC)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class I	Class II	Class III	Class IV	Non-BLM Land	
Route Group 3: Midpoint Substation to Willow-500 kV Substation	Subroute 3A1 - BLM Preferred Alternative	140.3	Miles of VRICs Crossed	0.0	12.4	17.9	35.3	74.7	
			Project Corridor Acres in VRICs	0.0	601.2	867.9	1,711.5	3,621.8	
			Percent in VRICs	0.0%	8.8%	12.7%	25.2%	53.2%	
	Subroute 3A – North	123.5	Miles of VRICs Crossed	0.0	10.9	2.9	44.3	65.4	
			Project Corridor Acres in VRICs	0.0	528.5	140.6	2,147.9	3,166.0	
			Percent in VRICs	0.0%	8.8%	2.3%	35.9%	53.0%	
	Subroute 3B – South	128.6	Miles of VRICs Crossed	0.0	14.5	19.1	22.1	72.9	
			Project Corridor Acres in VRICs	0.0	703.0	926.1	1,071.5	3,530.0	
			Percent in VRICs	0.0%	11.3%	14.9%	17.2%	56.6%	
	Local Alternative and Crossover Links for Route Group 3								
	Crossover Links 3A, 3B								
	B111	6.9	Miles of VRICs Crossed	0.0	0.0	1.6	0.0	5.3	
Project Corridor Acres in VRICs			0.0	0.0	77.6	0.0	252.0		
Percent in VRICs			0.0%	0.0%	23.2%	0.0%	76.8%		
B140	8.3	Miles of VRICs Crossed	0.0	0.0	1.2	0.0	7.1		
		Project Corridor Acres in VRICs	0.0	0.0	58.2	0.0	344.0		
		Percent in VRICs	0.0%	0.0%	14.5%	0.0%	85.5%		
Route Group 4: Willow-500 kV Substation to Pinal Central Substation	Subroute 4A – North of Mt. Graham	132.8	Miles of VRICs Crossed	0.0	3.7	7.3	0.0	121.8	
			Project Corridor Acres in VRICs	0.0	179.4	353.9	0.0	5,910.0	
			Percent in VRICs	0.0%	2.8%	5.5%	0.0%	91.7%	
	Subroute 4B – Sulphur Springs Valley	132.8	Miles of VRICs Crossed	0.0	3.7	1.3	0.0	127.8	
			Project Corridor Acres in VRICs	0.0	179.4	63.0	0.0	6,206.0	
			Percent in VRICs	0.0%	2.8%	1.0%	0.0%	96.2%	
	Subroute 4C – San Pedro Valley								
	Subroute 4C2c - BLM Preferred Alternative	161.2	Miles of VRICs Crossed	0.0	0	10.5	4.3	146.4	
			Project Corridor Acres in VRICs	0.0	0	509.1	208.5	7,098.2	
			Percent in VRICs	0.0%	0.0%	6.5%	2.7%	90.8%	
	Subroute 4C1	138.9	Miles of VRICs Crossed	0.0	5.0	0.2	0.0	133.7	
			Project Corridor Acres in VRICs	0.0	242.4	9.7	0.0	6,482.0	
			Percent in VRICs	0.0%	3.6%	0.1%	0.0%	96.3%	
	Subroute 4C2	151.3	Miles of VRICs Crossed	0.0	0.0	10.5	4.3	136.5	
			Project Corridor Acres in VRICs	0.0	0.0	509.1	208.5	6,642.0	
			Percent in VRICs	0.0%	0.0%	6.9%	2.8%	90.3%	
	Subroute 4C3	172.9	Miles of VRICs Crossed	0.0	0.0	8.7	4.4	159.8	
			Project Corridor Acres in VRICs	0.0	0.0	421.8	213.3	7,743.0	
Percent in VRICs			0.0%	0.0%	5.0%	2.5%	92.5%		
Local Alternative and Crossover Links for Route Group 4									
Local Alternative Link for 4A, 4B, 4C1									
C790	8.8	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	8.8		
		Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	427.0		
		Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%		
Local Alternative Links for 4A, 4B, 4C1, 4C2, 4C3									
C860	6.9	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	6.9		
		Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	335.0		

Table D3-4. VRI – VISUAL RESOURCE INVENTORY CLASSES (VRIC)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class I	Class II	Class III	Class IV	Non-BLM Land
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C870	0.2	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	0.2
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	10.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C890	2.8	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	2.8
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	136.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
Local Alternative Links for 4C1								
	C692	4.8	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	4.8
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	233.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
Local Alternative Links for 4C2 – Winchester and Tortolita Substations								
	C260-C261-C201	31.0	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	31.0
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	1,503.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C680	26.1	Miles of VRICs Crossed	0.0	0.0	2.0	0.0	24.1
			Project Corridor Acres in VRICs	0.0	0.0	97.0	0.0	1,168.0
			Percent in VRICs	0.0%	0.0%	7.7%	0.0%	92.3%
	C815	0.9	Miles of VRICs Crossed	0.0	0.0	0.9	0.0	0.0
			Project Corridor Acres in VRICs	0.0	0.0	43.6	0.0	0.0
			Percent in VRICs	0.0%	0.0%	100.0%	0.0%	0.0%
	C814	1.0	Miles of VRICs Crossed	0.0	0.0	1.0	0.0	0.0
			Project Corridor Acres in VRICs	0.0	0.0	48.5	0.0	0.0
			Percent in VRICs	0.0%	0.0%	100.0%	0.0%	0.0%
	C816	0.2	Miles of VRICs Crossed	0.0	0.0	0.1	0.0	0.1
			Project Corridor Acres in VRICs	0.0	0.0	4.8	0.0	0.0
			Percent in VRICs	0.0%	0.0%	50.0%	0.0%	50.0%
	C812	3.3	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	3.3
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	160.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C813	0.5	Miles of VRICs Crossed	0.0	0.0	0.5	0.0	0.0
			Project Corridor Acres in VRICs	0.0	0.0	24.2	0.0	0.0
			Percent in VRICs	0.0%	0.0%	100.0%	0.0%	0.0%
	C810	2.0	Miles of VRICs Crossed	0.0	0.0	0.1	0.0	1.9
			Project Corridor Acres in VRICs	0.0	0.0	4.8	0.0	92.0
			Percent in VRICs	0.0%	0.0%	5.0%	0.0%	95.0%
	C810a	1.7	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	1.7
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	82.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C817	1.8	Miles of VRICs Crossed	0.0	0.0	1.1	0.0	0.7
			Project Corridor Acres in VRICs	0.0	0.0	53.3	0.0	34.0
			Percent in VRICs	0.0%	0.0%	61.1%	0.0%	38.9%
Local Alternative Links for 4C3								
	F40b-F51-	11.1	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	11.1
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	538.0

Table D3-4. VRI – VISUAL RESOURCE INVENTORY CLASSES (VRIC)

**Acres of project corridor based on 400' total ROW*

Route Group	Alternative Subroute	Length (miles)		Class I	Class II	Class III	Class IV	Non-BLM Land
	F60a		Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	F81a-F81b	32.2	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	32.2
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	1,561.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C812	3.3	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	3.3
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	160.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
Local Alternative Links for 4C1, 4C2, 4C3								
	C72-C90-C121-C211	24.4	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	24.4
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	1,188.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
Crossover Links for 4A, 4B, 4C1								
	C500	5.1	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	5.1
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	247.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C501	4.8	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	4.8
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	233.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
	C502	3.9	Miles of VRICs Crossed	0.0	0.1	0.0	0.0	3.8
			Project Corridor Acres in VRICs	0.0	4.8	0.0	0.0	184.0
			Percent in VRICs	0.0%	2.6%	0.0%	0.0%	97.4%
	C174	3.1	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	3.1
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	150.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%
Crossover Links for 4A, 4B, 4C1, 4C2								
	C671	7.9	Miles of VRICs Crossed	0.0	0.0	0.0	0.0	7.9
			Project Corridor Acres in VRICs	0.0	0.0	0.0	0.0	383.0
			Percent in VRICs	0.0%	0.0%	0.0%	0.0%	100.0%

*The ground disturbance is based on Option B and C which have the same (maximum) amount of potential temporary and permanent disturbance estimated for the two proposed 500 kV (AC and DC) transmission lines.