Attachment K

Mitigation Measures Applicable by Construction Link, Segment, and Structures

Sunrise Powerlink Transmission Project

Mitigation Monitoring, Compliance, and Reporting Program





California Public Utilities Commission and Bureau of Land Management U.S. Department of Interior

October 2010

				Mit	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	9	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	Ŋ	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
B-1a: Provide restoration/compensation for impacted sensitive vegetation communities		Γ	х	Х	Х	х	х	x	X	х	Х	Х	Х	Х	Х	Х	Х	Х	Х		х	Х	х			
B-1c: Conduct biological monitoring	Х																									
B-1k: Re-seed disturbed areas after a transmission line–caused fire			Х	Х	Х	Х	Х	Х	х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
B-1I: SDG&E shall continue to work with the USDA Forest Service to minimize impacts to the RCA between Structures 184 and 187								х																		
B-2a: Provide restoration/compensation for impacted jurisdictional areas			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							

				Mit	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sul	Other bstati ogrado	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	ហ	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	Ŋ	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
B-3a: Prepare and implement a Weed Control Plan			Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х			
B-5a: Conduct rare plant surveys, and implement appropriate avoidance/minimization/compensat ion strategies			х	х	х	х	х	х	х	х	х	х	х	Х	Х	Х	Х	Х	Х		х	Х	х			
B-7a: Cover all steep-walled trenches or excavations used during construction to prevent the entrapment of wildlife (e.g., reptiles and small mammals)	Х																									
B-7b: Implement avoidance/mitigation/compensation according to the Flat-Tailed Horned Lizard Rangewide Management Strategy			Х	х																						

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Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
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PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
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Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
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B-7c: Minimize impacts to Peninsular bighorn sheep and provide compensation for loss of critical habitat			х	х	х	х	х																			
B-7d: Conduct burrowing owl surveys, and implement appropriate avoidance/ minimization/compensation strategies			Х																							
B-7e: Conduct least Bell's vireo and southwestern willow flycatcher surveys, and imple-ment appropriate avoidance/ minimization/compensation strategies							x	X		x	Х	х	x	×	×	×	×	x								

				Miti	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
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Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
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PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
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B-7h: Implement appropriate avoidance/ minimization strategies for eagle nests							Х	Х				Х	Х	Х	Х		Х									
B-7i: Conduct Quino checkerspot butterfly surveys, and implement appropriate avoidance/minimization/compensat				Х	Х	х	Х	Х	Х	Х	Х	х	х	Х	Х	Х	Х	Х	х		X	Х	Х			
B-7j: Conduct arroyo toad surveys, and implement appropriate avoidance/ minimization/compensation strategies							х	Х	х	Х	Х	х	Х	Х	х	х	Х	Х	?							
B-7I: Conduct coastal California gnatcatcher surveys, and implement appropriate avoidance/minimization/compensation strategies										Х		х			Х	Х	Х	Х	Х		Х	Х	Х			

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Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	9	51	U I	4A							
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PMRs			1, 2, 3, 4	ڻ ت	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
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B-8a: Conduct pre-construction surveys and monitoring for breeding birds	Х										10															
B-9a: Survey for bat nursery colonies			Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
B-10a: Utilize collision-reducing techniques in installation of transmission lines			Х	х	Х	Х	х	Х	х	Х	Х	х	Х	Х	Х		Х	Х	Х							
B-11a: Prepare and implement a Raven Control Plan			Х	Х																						
B-12a: Conduct maintenance activities outside the general avian			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х		Х	Х	Х			
B-12b: Conduct maintenance when arroyo toads are least active							Х	Х			Х	Х	Х	Х	Х	Х	Х	Х	?							
B-12c: Maintain access roads and clear vegetation in Quino checkerspot butterfly habitat				Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	X	Х			

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Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8 8	8C	8B	8A		7	6	Ŋ	Ŋ	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
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Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5					75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
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BIO-APM-1: Perform any detailed on-the-ground protocol surveys with regard to specific sensitive plant or wildlife species whose habitat would be impacted. Implement with B-1a, B-1b, B-2a, B 5a, B-7d, B-7e, B-7g, B-7i, B-7j, B-k, B-7l, B-7m, and B-7o BIO-APM-2: Train personnel	X																									
regarding the appropriate work practices necessary to effectively	Х																									
BIO-APM-3: Restrict vehicle movement to existing and constructed roads. Implement with B-5a, B-7a, B-8a, B 9a, B-12a, B-12b, and B-12c	Х																									

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PMRs			1, 2, 3, 4	رن ن	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
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BIO-APM-4: Comply with survey vehicles guidelines on existing roads	Х																									
BIO-APM-5: Configure access roads in compliance with hydrological resources guidelines. Implement with B-1a, B-2a, B-5a, and B-8a	Х																									
BIO-APM-6: Comply with all applicable environmental laws and regulations. Implement with B-1a, B-5a, B-8a, and B-12a	Х																									
BIO-APM-7: Littering is not allowed. Implement with B-6a, B-8a, and B-12a	Х																									

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BIO-APM-8: Delineate sensitive plant population boundaries. Implement with B-5a	Х																									
BIO-APM-9: Follow brush clearing guidelines. Implement with B-8a and B-12a	Х																									
BIO-APM-10: No wildlife, including rattlesnakes, may be harmed except to protect life and limb; Firearms shall be prohibited. Implement with B-12a	Х																									
BIO-APM-11: Feeding of wildlife is not allowed. Implement with B-12a	Х																									
BIO-APM-12: Do not bring pets. Implement with B-12a	Х																									

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Section			10B	10B 10A	10A 9C	90	9В	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		8.26 90.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
BIO-APM-13: Plant or wildlife species may not be collected for pets or any other reason. Implement with B-5a and B-12a	X																									
BIO-APM-14: Comply with removal of wildlife and transportation guidelines. Implement with B-7a	Х																									
BIO-APM-15: Follow APMs during emergency repairs. Implement with B-1a and B-2a	Х																									
BIO-APM-16: Follow sensitive tree trimming guidelines. Implement with B-1a, B-2a, B-8a, and B-12a	Х																									

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	lı C	500 k nper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	other station grades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24 25
PMRs			1, 2, 3, 4	51	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	2	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
BIO-APM-17: Permanently close any new access roads or spur roads constructed as part of the project that are not required as permanent access. Implement with B-1a	х																								
BIO-APM-18: Design access roads to minimize impacts to sensitive features. Implement with B-2a and B-5a, B-8a, and B-9a	Х																								
BIO-APM-19: Implement restoration and habitat enhancement and mitigation measures developed during the consultation period with the BLM	Х																								

				Miti	igati	on N	/leas	ure	s Ap	plica	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı (500 k mper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe ubsta pgrad	tion
Section			10B	10B 10A	10A 9C	90	9В	9A 8E	8E	d8	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	ڻ.	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54	39.7 to 52.5	53.54 to 63.07	63.07 to 67.5	67.5 to	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
BIO-APM-20: Leave vegetation in place in construction areas where recontouring is not required. Implement with B-1a	х																									
BIO-APM-21: Comply with "Suggested Practices for Raptor Protection on Power Lines" (Raptor Research Foundation, Inc., 1981). Implement with B-10a	Х																									
BIO-APM-22: Salvage may include removal and stockpiling for replanting. Implement with B-5a	Х																									

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D	iego	Lin	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	other estation	on
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	A8		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03		39.7 to 52.5		63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
BIO-APM-23: Remove only the minimum amount of vegetation necessary for the construction of structures and facilities. Implement with B-1a and B-3a	х	Γ									N															
BIO-APM-24: Prevent livestock or wildlife from falling through covers. Implement with B-7a	Х																									
BIO-APM-25: Revegetate disturbed soils. Implement with B-1a and B-3a	Х																									
BIO-APM-26: Excavations shall be sloped on one end to provide an escape route for small mammals and reptiles. Implement with B-7a	Х																									

				Miti	gati	on N	lleas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	Ir C	500 k nper Coun Link	ial ty	S Di	o kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	kV OH Li	nk 5	Sycamore Sub	Re	condu	ctors	Sub	Other ostation grades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	ហ	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15												89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
BIO-APM-27: Remove all existing raptor nests from structures that would be affected by Project construction. Implement with B-8a BIO-APM-28: Remove potential	X																								
BIO-APM-29: Reduce construction night lighting on sensitive habitats. Implement with B-7a and B-9a	X																								
Visual Resources V-1a: Reduce visibility of construction activities and equipment	Х																								
V-1b: Reduce construction night lighting impacts	Х																								

				Mit	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	Ir C	500 k nper Coun Link	ial ty	S Die	kV an ego ik 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bsta ograd	tion
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	8C	8B	А8		7	9	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03					67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
V-2a: Reduce in-line views of land scars		Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х		Х					
V-2b: Reduce visual contrast from unnatural vegetation lines		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х					
V-2c: Reduce color contrast of land scars on non-Forest lands		Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Χ					
V-2d: Construction by helicopter		Χ			<u> </u>	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	X	X				Х		Χ				_	
V-2f: Reduce land scarring and vegetation clearance impacts on USFS-administered lands								Х	Х	Х	Χ	Х	Х		Х											
V-3a: Reduce visual contrast of towers and conductors			X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х		Х	Х	Х							
V-7a: Reduce visual contrast associated with ancillary facilities		Х												Х						Х				Х		X
V-7b: Screen ancillary facilities		Χ												Х						Х				Χ	Χ	Χ
V-21a: Reduce night lighting impacts														Χ												

				Miti	gati	on N	leas	sures	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	Ir C	500 k' nperi Count Link	al y	S	kV an ego k 1	500	kV S	an D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	onduc	ctors	Subs	ther station rades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	4 25
PMRs			1, 2, 3, 4	Δı	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03			53.54 to 63.07		67.5 to 70.66		75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
V-45a Prepare and implement Scenery Conservation Plan								Х	Х	Х	Х	Х	Х		Х									Т	\Box
V-66a: Reduce structural prominence and visual contrast associated with the Interstate 8/Chocolate Canyon transition structures V-68a: Eliminate skylining of ridgeline towers and conductors																	X	×							
VR-APM-1: Place structures at the maximum feasible distance from highway, canyon, and trail crossings. (Need SDG&E input)			Х	Х	Х	Х	Х	Х			Х					Х	Х	Х							

				Miti	igati	on N	l leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı (500 k nper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors		Othe ubsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33	75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
VR-APM-2: Use dulled metal finish on transmission structures and non specular conductors in visually sensitive areas. Implement with V-3b											2															
VR-APM-3: Match the spacing of structures where the line parallels existing transmission lines			Х	х	Х	Х			Х	х	Х	х	Х													
VR-APM-4: No paint or permanent discoloring agents will be applied to rocks or vegetation to indicate survey or construction activity limits. Implement with V-1c	Х																									

				Mit	igati	on N	/leas	ures	s Ap	plic	able	Ву	Con	structio	n Link,	Segme	nt and S	tructure	es							
Construction Links		IV Sub	Ir C	500 k mper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	iego	Lin	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	kV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	CI	Ŋ	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03					67.5 to 70.66					89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
VR-APM-5: Transmission line structures will not be installed directly in front of residences or in direct line-of-sight from a residence. Implement with V-3c			х	х	х	х	х	х	х	х	х	Х	х	х	х	х	Х	х	х		х	Х	Х			
VR-APM-6: In scenic view areas place structures to avoid sensitive features and/or allow conductor to clearly span the features. (Need SDG&E input)	L																									
Land Use L-1a: Prepare Construction Notification Plan	X																									
L-1c: Coordinate with MCAS Miramar																			Х	Х	Х	Х	Х			
L-2b: Revise project elements to minimize land use conflicts	Х						Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							

				Mit	igati	on N	Meas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı C	500 k mper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D)iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othouse of the contract of the	ation
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	38	8B	8A		7	6	5	Ŋ	44							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	σ	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03					67.5 to 70.66		75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
LU-APM-1: Provide advance notice to residents, property owners, and tenants within 300 feet of construction activities and SDG&E will appoint a public affairs officer to address public concerns or questions. Implement with L-1d	X																									
LU-APM-2: Place new transmission structures more than 330 feet from an existing residence. Implement with L-1d						Х	Х	х	x	Х	х	Х	х	x	х	х	x	x	x							
LU-APM-4: Notify property owners and tenants in advance of construction activities. Provide alternative access if feasible. Implement with L-1e	Х																									

				Mit	igati	on N	l leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe ubsta pgrae	ation
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	8C	8B	A8		7	9	5	Ŋ	44							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5						78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
LU-APM-5: Coordinate construction activities with appropriate water management representatives. (Need SDG&E input). Implement with L-1a			х	x	х	х	х	x	х	х	Х	х	х	х	х	х	Х	х	х	Х	X	Х	х	х	x	Х
LU-APM-6: Flag ROW boundary and limits of construction activity inside and outside the ROW in environmentally sensitive areas to alert construction personnel that those areas should be minimize or avoided. Implement with L-1f			Х	х	Х	Х	х	Х	Х	х	х	х	х	×	×	×	х	х	х	х	х	Х	х	Х	х	×
LU-APM-7: Install project facilities along the edges or borders of private property, open space parks, and recreation areas			Х	x	x	Х	x	Х	Х	х	х	х	x	Х	Х	Х	Х	х	х							

				Miti	gati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nperi Count Link	ial ty	S: Die	kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	ondu	ctors	Sub	Other ostation grade	on
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	Ŋ	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
LU-APM-8: Continue coordination efforts with the Counties of Imperial and San Diego General Plan Updates and the City of San Diego General Plan Updates to include the Proposed Project in their respective General Plans. LU-APM-9: Obtain all necessary and/or appropriate ministerial land																										
use permits LU-APM-10: Match structure locations with existing transmission facilities. (Need SDG&E input) Wilderness and Recreation			X	х	х	х			х	х	Х	х	х													

				Mit	igati	on N	l leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	Ir C	500 k nper Coun Link	ial ty	S Di	o kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sul	Othe bstat	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	80	8B	A8		7	6	5	5	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
WR-1a: Coordinate construction schedule and activities with the authorized officer for the recreation area		Γ	Х	Х	Х	Х	х	Х		х	Х					Х	Х	Х	Х	Х	х	Х	х			
WR-1b: Provide temporary detours for trail users			Х	Х	Х	Х	Х	Х		Х	Х					Х	Х	Х	Х		Х					
WR-1c: Coordinate with local agencies to identify alternative recreation areas			Х	Х	Х					Х	Х					Х	Х	Х	Х	Х	Х	Х	Х			
WR-2a. Develop a reroute for the BCD Alternative Revision to reduce effects on recreation							Х																			
WR-2b: Evaluate and Implement PCT Route Revision			_							Х	Х				_											
WR-3a: Coordinate tower and road locations with the authorized officer for the recreation area.			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	Х							

				Mit	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı C	500 k mper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D)iego	Lii	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	κV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bsta pgra	ation
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	ڻ.	U I	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP3:	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
R-APM-2a: Provide advance notice of restriction of conflicts with access routes to recreational use areas. Implement with WR-1a		Γ	Х	Х	х	х	х	Х	Х	х	X	Х	х		Х	Х	Х	Х	Х	Х	Х	Х	х			
R-APM-2b: No construction that affects trail use will be conducted in that area on federal holidays. Implement with WR-1a			Х	Х	х	Х	Х	Х	Х	Х	х	Х	х		Х	Х	Х	х	х	Х	Х	Х	х			
R-APM-2c: Coordinate all construction activities, including temporary trail closures, affecting the parklands and trail systems of San Diego and Imperial Counties with the counties' Parks and Recreation Department. Implement with WR-1a										Х						Х	х	х	х	×	Х	Х	х			

				Miti	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	lı C	500 k nper Coun Link	ial ty	S: Die	kV an ego k 1	500	kV S	San D)iego	Li	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V ОН Li	nk 5	Sycamore Sub	Red	conduc	ctors	Suk	Other estation grades
Section			10B	10B 10A	10A 9C	90	9В	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25
PMRs			1, 2, 3, 4	ű	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		9.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
R-APM-2d: Post signs directing vehicles to alternative park access and parking in the event construction temporarily obstructs parking areas near trailheads. Implement with WR-1a			Х					x	Х	х	X	X	х			х	X	х	Х	х	x	Х	Х		
R-APM-2e: Post signs advising recreation users of construction activities and directing them to alternative trails or bikeways on both sides of all trail intersections. Implement with WR-1a			х					Х	х	х	Х	х	х			X	Х	х	Х	X	X	Х	Х		

				Miti	igati	on N	lleas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	Ir C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Re	condu	ctors	Su	Othe bsta pgrad	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8B	8C	8B	8A		7	6	Ŋ	ហ	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
R-APM-2f: Post signs advising equestrians of construction timeframes where helicopters are used for construction, at all equestrian trail-access points within the vicinity of the flight paths.			х					х	х	х	Х	х	х			х	Х	Х	Х	Х	х	Х	х			
R-APM-3a: Construction-related traffic shall be restricted to routes approved by the authorized agencies	Х																									
Agriculture																										
AG-1a: Avoid interference with agricultural operations						Х	Х	Х	Х	Х	Х		Х			X	Χ	Χ	Х							
AG-1b: Restore compacted soil					 	Х	Х	Χ	Х	Х	Х	1	Х			Х	X	X	Х				 		 	
AG-1c: Coordinate with grazing					 	X	X	X	X	X	Х		X			X	X	X	X							
AG-3b: Consult with and inform aerial applicators						Х	X	Х	Х	Х	Х		X			Х	X	X	X							

				Miti	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	Structure	es							
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	Diego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	ondu	ctors	Su	Othe bstat	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8 8	8C	8B	8A		7	6	ហ	СЛ	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5				70.66 to 75.33	75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
LU-APM-3: Compensate farmers for losses of crops along ROW. Implement with L-1d						Х	х	Х	Х	Х	Х		Х				Х									
Cultural Resources C-1a: Inventory and evaluate cultural resources in Final Area of Potential Effect (APE)		Г	Х	Х	Х	Х	Х	X	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х							
C-1b: Avoid and protect potentially significant resources			Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
C-1c: Develop and implement Historic Properties Treatment Plan			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
C-1d: Conduct data recovery to reduce adverse effects			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
C-1e: Monitor construction at known ESAs			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
C-1f: Train construction personnel	Χ																									

				Mit	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bsta	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5ī	5	4 A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	ű	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03					67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
C-1g Avoid and protect Old Highway 80 (P-37-024023)		Г									10					Х										
C-2a: Properly treat human remains	Х																									
C-3a: Monitor construction in areas of high sensitivity for buried resources			Х	х	Х	Х	Х	Х	х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х							
C-4a: Complete consultation with Native American and other Traditional Groups			Х	х	Х	Х	Х	Х	х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х							
C-5a: Protect and monitor NRHP- and/or CRHR-eligible properties			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
C-6a: Reduce adverse visual intrusions to historic built environment properties						Х	Х	Х																		
C-6e: Reduce adverse visual intrusions to portions of Old Highway 80						Х	Х	Х																		

				Miti	igati	on N	leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı (500 k mper Coun Link	ial ty	S: Die	kV an ego k 1	500	kV S	San D	iego	Lii	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors		Othe ubsta pgrae	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03					67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
C-6f: Reduce adverse visual intrusions to the Desert View Tower viewshed						Х																				
CR-APM-1: Instruct construction personnel on the protection and avoidance of cultural resources. Implement with PAL-1e	X																									
CR-APM-2: Flag archeological sites that are eligible or potentially eligible for the National Register			Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	X	X	X	X	X							
CR-APM-3: Report any previously unidentified cultural resource (historic or prehistoric site or object) discovered			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	Х							

				Mit	igati	on N	l leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D)iego	Lii	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	⟨V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bsta pgra	tion
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	38	8B	88		7	6	5	5	44							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03					67.5 to 70.66		75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
CR-APM-4: Conduct maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation, and reconstruction of a historical resource consistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines																										
CR-APM-5: Follow the guidance described for: Preservation in-place for mitigating impacts to archaeological sites, and	X																									
CR-APM-6: Avoid, fence, or barricade historic properties, contributing portions and sensitive features for protection			Х	Х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х							

				Miti	igati	on N	leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	Sa Die	kV an ego k 1	500	kV S	San D	iego	Lii	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	Other ostation grades	
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 2	5
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
CR-APM-7: Control erosion, sedimentation, or indirect displacement. Implement with C-2a, C-3a, C-4a, and C-5a			х	х	х	х	х	Х	х	х	Х	Х	х	Х	х	Х	Х	Х	Х							
CR-APM-8: Avoid and protect elements of the landscape that are essential to the historic setting of the property			X	х	х	х	Х	Х	х	х	Х	Х	х	Х	Х	Х	Х	Х	Х							
CR-APM-9: Install permanent fencing or barriers; or control/restrict access to the historic property			Х	Х	х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	Х	Х							

				Mit	igati	on N	l leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe ibsta pgra	ation
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	Ŋ	CI	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	ر ت	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03					67.5 to 70.66			78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
CR-APM-10: Locate project structures so that conductors span linear historic properties; underground placement of pipelines and conductors will be bored under linear properties to avoid disturbance or intrusion			х	х	х	х	х	x	х	х	х	х	x	x	x	x	x	x	х							
CR-APM-11: Implement standard practices for cultural and paleontological resources on private lands						Х	х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	х	х							
CR-APM-12: Conduct cultural surveys for staging areas that have not yet been identified	х		L																							
Paleontological Resources PAL-1a: Inventory and evaluate paleontological resources in Final APE		Х	Х	Х	Х	Х	Х	Х		X	X		X	Х	Х	Х	Х	Х	Х							

				Mit	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segme	nt and S	tructure	es						
Construction Links		IV Sub	Ir C	500 k nper Coun _ink	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	Other estation grades
Section			10B	10B 10A	10A 9C	90	9В	9A 8E	8E	8D	8C	8B	8A		7	9	СI	ڻ.	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP3	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
PAL-1b: Develop Paleontological Monitoring and Treatment Plan	Г	Х	Х	Х	Х	Х	Х	Х		Х	X	Ų	Х	Х	Х	Х	Х	Х	Х					П	\top
PAL-1c: Monitor construction for paleontology		Х	Х	Х	Х	Х	Х	Х		Х	Х		Х	Х	Х	Х	Х	Х	Х						
PAL-1d: Conduct paleontological data recovery		Х	X	Х	Х	Х	Х	Х		Х	Х		Х	Х	Х	Х	Х	Х	Х						
PAL-1e: Train construction personnel		Х	X	Х	Х	Х	Х	X		Х	Х		Х	Х	Х	X	X	Х	Х						
GEO-APM-9: Implement appropriate mitigation efforts if paleontological resources are encountered. Implement with PAL-1d Noise		Х	х	х	х	х	х	х	х	х	х	х	х	Х	X	Х	Х	Х	Х						
N-1a: Implement Best Management Practices for construction noise	Х																								

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	other station grades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	80	8B	A8		7	6	5	5	44						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15		24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
N-2a: Avoid blasting where damage to structures could occur (SDG&E to define blasting)			Γ					Γ		Х	Х				Х	Х			х					П	
N-3a: Respond to complaints of corona noise		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х						
NOI-APM-1: Provide notice by mail to all sensitive receptors and residences within 300 feet of construction sites, staging areas, and access roads; and establish a toll free telephone number for receiving questions/complaints. Implement with L-1a	Х																								
Transportation and Traffic T-1a: Restrict lane closures			Х	Х	X	X	X	Х	Х	Х	Х	Х	Х		X	X	X	Х	Х		Х	X	Х	T	
T-4a: Ensure pedestrian and bicycle circulation and safety.			Х	Х			X			Х					X	X	X	X	X		Х	X	Х		

				Mit	igati	on N	Meas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bsta pgra	ation
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5								89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
T-5a: Repair roadways damaged by construction activities	Х																									
T-7a: Notify public of potential short term elimination of parking spaces			Х	Х	Х	Х			Х	Х	Х	Х	Х		Х	Х	Х	Х	Х		Х	Х	Х			
T-9a: Prepare Construction Transportation Management Plan	Х																									
T-11b: Consult with and inform U.S. Customs and Border Patrol			Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
T-APM-2a: Obtain required permits for temporary lane closures	Х																									
T-APM-2b: Submit detour plans. Implement with T-1b	Х																									
T-APM-4a: Coordinate in advance with emergency service providers to avoid restricting movements of emergency vehicles.	Х																									

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segme	nt and S	tructur	es							
Construction Links		IV Sub	lı (500 k mper Coun Link	ial ty	S Die	0 kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe ibsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	ڻ.	CI	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15							67.5 to 70.66			78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
T-APM-5a: Consult with County Education Offices, School Districts to coordinate construction activities adjacent to school bus stops	х																									
T-APM-6a: Comply with county parking ordinances or approved		Х	Х	Х	Х																					
T-APM-6b: Prohibit parking on San Diego County-maintained roads and highways unless otherwise noted at specific locations; comply with the County of San Diego Department of Public Works Traffic Guidelines, 2001 whenever possible, or an approved traffic control plan						х	х	Х	х	х	х	х	х	Х	X	X	X	Х	X	Х	Х	×	Х	х	х	Х

				Miti	gati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	Ir C	500 k nper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	ther station grades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	V8		7	9	5	5	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
T-APM-8a: Obtain required permits for entering railroad ROW			Х	Х		Х			Х		10	•												Т	
T-APM-9a: Underground all new or relocated utility facilities within 1,000 feet of an Officially Designated Scenic Highway. (Need SDG&E input)																									
T-APM-10a: Provide the ability to quickly lay a temporary steel plate trench bridge upon request in order to ensure access to properties when not actively constructing the	Х																								
Public Health and Safety P-1a: Implement Environmental				I	1				I	I															
Monitoring Program	Х																Х								
P-1b: Maintain emergency spill supplies and equipment	Х																								

				Mit	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı C	500 k nper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	other station grades	
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	A8		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 2	5
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	#	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP3	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
P-2a: Test for residual pesticides/herbicides on currently or historically farmed land	Г		Г			х	Х	х	Х	х	X	Х	х				Х							П		1
P-3a: Appoint individuals with correct training for sampling, data review, and regulatory coordination	Х																									
P-3b: Documentation of compliance with measures for encountering unknown contamination	Х																									
P-7a: Evaluate contaminated sites HS-APM-1: Train personnel involved in using hazardous materials. Develop a Hazardous Communication Plan. Implement with P-1a	Х		X			X	X	X	X	X			X			X	X	Х								

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lı (500 k mper Coun Link	ial ty	S Di	0 kV an ego nk 1	500) kV (San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sul	Other bstat grad	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	51	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	#	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
HS-APM-2: Train personnel in refueling vehicles. Implement with P-1a	Х																									
HS-APM-3: Develop applicable environmental safety plans associated with hazardous materials. Implement with P-1a	Х																									
HS-APM-4: Develop a site specific blasting plan of tower footing																			Х							
HS-APM-5: Investigate all Government Code §65962.5 sites or other known contamination sites along the transmission line ROW.	Х																									

				Miti	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Di	kV an ego nk 1	500	kV S	San D	iego	Lii	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V ОН Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sul	Othe bstat ograd	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	Ŋ	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	2	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
HS-APM-6: Investigate any known or potential areas for Unexploded Ordinance (UXO) used by the military along the ROW			Х	Х	х						10								Х	Х	Х	Х	Х			
HS-APM-7: Train personnel involved in excavation and grading or for ROW clearing to recognized UXO and/or potential soil, surface water, and groundwater potential contamination sites	х																									
HS-APM-8: Assign an Environmental Field Representative and/or General Contractor for Health & Safety. Implement with P-1a	Х																									

				Miti	gati	on N	<i>l</i> leas	ure	s Ap	plica	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	Ir C	500 k nper Coun Link	ial ty	S: Die	kV an ego k 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	Other estation	on
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 2	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
HS-APM-9: Contact airport representative and/or Federal Aviation Administration Authorities regarding work within all existing and proposed transmission line	Х																									
HS-APM-10: Store and dispose of hazardous waste and solid waste in accordance with federal, State, and local regulations. Implement with P-1a	х																									
HS-APM-11: Develop Fire Prevention and Response Plan (FPRP). Assign a project Fire Marshal to enforce all provisions of the FPRP HS-APM-12: Develop a Traffic	X																									

				Mit	igati	on N	Meas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Di	0 kV an ego nk 1	500	kV S	San D	iego	Lin	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	Other estation	on
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	A8		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24 2	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03		39.7 to 52.5		63.07 to 67.5		70.66 to 75.33	75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	2	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP3	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
HS-APM-14: Construction workers shall undergo environmental training regarding potential exposure	Х										N														T	
HS-APM-15: Stop work and notify Health and Safety Officer if during excavation soil or groundwater contamination is suspected	Х																									
HS-APM-16: Terminate and conrdone off work if soil or groundwater contamination is suspected	Х																									
HS-APM-17: Notify regulatory agency if the sample testing determines that contamination is found above regulatory limits	Х																									

				Miti	igati	on N	/leas	sure	s Ap	plica	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	230	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bsta pgrad	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	d8	8C	8B	A8		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	#	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP3	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
PS-1a: Limit the conductor surface electric gradient	Х	Г	Г								_	ų.														
PS-1b: Document and resolve electronic interference complaints		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
PS-2a: Implement grounding measures	Х																									
Air Quality									T																	
AQ-1a: Suppress dust at all work or staging areas and on public roads	Х																									
AQ-1b: Use low-emission construction equipment	Х																									
AQ-1h: Obtain NOx and particulate matter emission offsets	Х																									
AQ-4a: Offset construction-phase greenhouse gas emissions with carbon credits	Х																									

	Mitigation Measures Applicable By Construction Link, Segment and Structures 500 kV 500 kV _ ω Β Β														es											
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bsta	tion
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	رن د	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
AQ-4b: Offset operation-phase greenhouse gas emissions with	Х										10															
AQ-4c: Avoid sulfur hexafluoride emissions	Х																									
AQ-APM-1: Comply with ICAPCD Rule 800 (Fugitive Dust Requirement for Control of Fine Particulate Matter [PM10]). File a		Х	Х	Х	x																					
AQ-APM-2: Control fugitive dust	Χ																									
AQ-APM-3: Minimize mud and dust from being transported onto paved roadway surfaces, pave, and gravel	Y																									
AQ-APM-4: Carpool to the job site AQ-APM-5: Minimize unnecessary construction vehicle and idling time																										

				Miti	igati	on N	<i>l</i> leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bstat	ion
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	8C	8B	88		7	9	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03						70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
Hydrology and Water Resources																										
H-1a: Prepare Substation Grading and Drainage Plan; construct during the dry season H-1a (CC):Construct during the dry														Х			X									
H-1b: Construction in Los Peñasquitos Canyon Preserve to be in the dry season; SWPPP to be reviewed and approved by San H-1k: Comply with Forest Service																			Х							
conditions H-1I: Construction on Forest Service land to be subject to an approved. site-specific SWPPP								X	X	X	X		X		X	X	X									
H-2d: Maintain vehicles and equipment	Х																									

	Mitigation Measures Applicable By Construction Link, Segment and Structures 500 kV 500 kV 600 kV 80 80 80 80 80 80 80 80 80 80 80 80 80														es											
Construction Links		IV Sub	lı (500 k mperi Count Link	ial ty	S: Die	kV an ego k 1	500	kV S	San D	iego	Lin	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	ហ	ហ	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
H-4b: Avoid blasting where damage to groundwater wells or springs could occur	Х																									
H-5a: Install substation runoff control														Х												
H-6a: Scour protection to include avoidance of bank erosion and effects to adjacent property			Х	Х	Х	Х	Х	Х	х	Х	Х	х	Х		Х	Х	Х	Х	Х							
H-7a: Develop Hazardous Substance Control and Emergency Response Plan for project operation	X													Х						Х				Х	Х	Х
H-8a: Bury power line below 100- year scour depth																Х										

			Mitigation Measures Applicable By Construction Link, Segment and Structures																							
Construction Links		IV Sub	lr C	500 k nperi Count Link	al ty	S: Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Sul	Other bstati ograd	ion
Section			10B	10B 10A	10A 9C	9С	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
WQ-APM-1: Minimize disturbance to riparian/wetland vegetation, drainage channels, and intermittent and perennial stream banks	Х																									
WQ-APM-2: Place structures so as to avoid sensitive features such as watercourses, or to allow conductors to clearly span the features, within limits of safety and standard structure design	Х																									
WQ-APM-3: Clearly mark where construction equipment and vehicles are not allowed on-site; and train personnel	Х																									

				Mit	igati	on N	l leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D)iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Subs	ther station rades
Section			10B	10B 10A	10A 9C	90	B6	9A 8E	8E	8D	38	8B	8A		7	6	5	Ŋ	44						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	4 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5			67.5 to 70.66			78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
WQ-APM-4: Maintain adequate distance from stream banks and beds; use existing bridges to cross major streams and culverts in most dry intermittent streams; Span surface water, riparian areas and floodplains; prepare and implement a Storm Water Pollution Prevention Plan (SWPPP)	x																								
WQ-APM-5: Construct any stream crossings at low flow periods; and if necessary, develop a site-specific mitigation and restoration plan	Х																								
WQ-APM-6: Avoid designated surface water protection areas	Х																								

	Mitigation Measures Applicable By Construction Link, Segment and Structures																									
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S: Die	kV an ego nk 1	500	kV S	San D	iego	Lit	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe ibsta pgra	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	Ŋ	Ŋ	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	ر ت	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15			41.77 to 53.54				67.5 to 70.66			78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	🛱	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
WQ-APM-8: Obtain and comply with required permits for any groundwater discharged to surface waters or storm drains	Х																									
WQ-APM-9: Prohibit storage of fuels and hazardous materials within 200 feet of groundwater supply wells and within 400 feet of community or municipal wells	Х																									
WQ-APM-10: At locations where the project would cross below or pass adjacent to streams with erodible bed or banks, comply with burial depth requirements. Implement with H-6a	Х																									
WQ-APM-11: Test groundwater levels along underground portion of the project drilling pilot borings																Х										

				Miti	gati	on N	lleas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es						
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	kV OH Li	nk 5	Sycamore Sub	Re	condu	ctors	Sub	Other ostation grades
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	Si Si	CI	4A						
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)						
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1						
Mileposts from at a glance table 033110		0	0 to 19.15				39.7 to 52.5					75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00						
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99. 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP30	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1						
WQ-APM-13: Do not disposed of hazardous materials onto the ground, the underlying groundwater, or any surface water	Х																								
WQ-APM-14:Secure required General Permit for Storm Water Discharges Associated with Construction Activity (NPDES permit) authorization	Х																								
WQ-APM-15: Construct access roads to avoid streambeds	Х																								
WQ-APM-16: Conduct site-specific assessments for each affected site	Х																								
Geology, Minerals, and Soils			V	I v	l v	V			ı	T	ı	ı	T											Ī	
G-2a: Protect desert pavement			Χ	Χ	Χ	Χ																			

				Miti	gati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nperi Count Link	al ty	Sa Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	condu	ctors	Su	Othe bstat	tion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
G-3a: Conduct geotechnical studies for soils to assess characteristics and aid in appropriate foundation design	Х																									
G-4a: Reduce effects of groundshaking			Х	Х	Х		Х	Х								Х	Х	Х								
G-4b: Conduct geotechnical investigations for liquefaction			X	Х	Х		Х	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	Х							
G-5a: Minimize project structures within active fault zones			Х																							
G-6a: Conduct geotechnical surveys for landslides and protect against slope instability			Х	Х	Х		Х	Х	х	х	Х	Х	Х		Х	Х	Х	Х	Х							
G-9a: Coordinate with quarry operations			Х	Х														Х								

				Miti	igati	on N	<i>l</i> leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego nk 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	Other ostati grade	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03				63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
GEO-APM-1: No widening or upgrading of existing access roads will be undertaken where soils are very sensitive to disturbance, except repairs, widening or upgrades necessary to make roads passable	Х																									
GEO-APM-2: Comply with soil disturbance guidelines	Х																									
GEO-APM-3: Avoid placing structures in areas of high shrink/swell potential	Х																									
GEO-APM-4: Place structures in geologically stable areas, avoiding fault lines, brittle surface rock and bedrock	Х																									

				Miti	igati	on N	/leas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nper Coun Link	ial ty	S Die	kV an ego k 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V ОН Li	nk 5	Sycamore Sub	Red	conduc	ctors	Sub	Other ostat grad	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5		70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
GEO-APM-5: Avoid or minimize new disturbance, erosion on manufactured slopes, and off-site degradation from accelerated sedimentation	Х																									
GEO-APM-6: Conduct surface restoration for erosion control and	Х																									
GEO-APM-8: Remove or stabilize boulders uphill of structures that pose potentially high risk of landslide damage; and position structures to span over potential landslide areas Socioeconomics	Х																									
S-2a: Notify public of utility service interruption			Х	Х	Х	Х									Х	Х	Х	Х	Х							

				Miti	gati	on N	<i>l</i> leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k' nperi Count _ink	al ty	S: Die	kV an ego ik 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bstat	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33				89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39 1	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
S-2b: Protect underground utilities			Х	Х	Х	Х									Х	Х	Х	Х	Х							
S-3a: Recycle construction waste	Χ																									
S-3b: Use reclaimed water	Χ																									
PSU-APM-1: Coordinate with all																										
utility providers with facilities																										
located within or adjacent to ensure	Х																									
that design does not conflict with																										
other facilities				-	-					-		-	}											\vdash		
PSU-APM-2: Notify Underground Service Alert a minimum of 48																										
hours in advance of earth-	Χ																									
disturbing activities in order to	^																									
identify any buried utility lines																										
nuclinity arry buriou utility lines				<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		L	1													

				Mit	igati	on N	lleas	sure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k mper Coun Link	ial ty	S Die	o kV an ego nk 1	500	kV S	San D	iego	Lir	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V ОН Li	nk 5	Sycamore Sub	Red	condu	ctors	Sub	Other ostation grades	
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	A8		7	6	5	5	4A							
Segments	AII	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 25	5
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33		78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
PSU-APM-3: Coordinate construction schedules, lane closures, and other activities with installation of the project with emergency and police services to ensure that disruption to response times and access is minimized	х																									
F-1a: Develop and implement a			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	X	Х	Х	X	Х	X	Х	П	Т	
Construction Fire Prevention Plan F-1b: Amend and implement Sempra Utilities Wildland Fire Prevention and Fire Safety Guide (2007)			X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X					
F-1c: Ensure coordination for emergency fire suppression F-1d: Remove hazards from the			X	X		X	X	X	X	X	X		X	X	X	X	X	X X	X		X					

				Miti	igati	on N	/leas	ure	s Ap	plic	able	Ву	Con	structio	n Link,	Segmer	nt and S	tructure	es							
Construction Links		IV Sub	lr C	500 k nperi Count Link	ial ty	Sa Die	kV an ego k 1	500	kV S	San D	iego	Liı	nk 2	Suncrest Link 3	230KV OH Link 5	230kV UG Link 4	2301	«V OH Li	nk 5	Sycamore Sub	Red	conduc	ctors	Su	Othe bstat ograd	ion
Section			10B	10B 10A	10A 9C	90	9B	9A 8E	8E	8D	8C	8B	8A		7	6	5	5	4A							
Segments	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PMRs			1, 2, 3, 4	5	5, 6	7, 8, 9, 10, 11,	12, 13, 14, 15	15, 16, 17	18, 20	20, 21	22, 23	23, 24	24, 25, 26, 27,		30, 31, 32	33	34, 35	35, 36, 37, 38	39, 40, (41?)							
Mileposts of Segments from 02/09		0	0 to 19.15	19.15 to 23.2	23.2 to 30.3	30.3 to 39.7	39.7 to 52.5	52.5 to 61.3	61.3 to 65.4	65.4 to 70.9	70.9 to 74.8	74.8 to 77.6	77.6 to 90.0		90.0 to 92.8	92.80to 99.0	99.0 to 105.5	105.5 to 112.7	112.7 to 118.1							
Mileposts from at a glance table 033110		0	0 to 19.15	24.50 to 19.15	24.50 to 31.03	41.77 to 53.54			63.07 to 67.5	67.5 to 70.66	70.66 to 75.33	75.33 to 78.16	78.16 to 89.03		89.03 to 91.79	91.79 to 98.00	98.00 to 103.14	103.14 to 111.8	111.80 to 117.00							
Structures			EP363-1 to EP301	EP301 to EP276-1	EP276-1 to EP252-1	EP252-1 to EP206-1	EP206-1 to EP141	EP141 to EP99- 2	EP99-2 to EP79	EP79 to EP67	EP67 to EP47-2	EP47-2 to EP39	EP39-1 to SSDE4		SSDE3 to CP95-1		CP88-1 to CP64-2	CP64-2 to CP31-2	CP31-2 to SSDE1							
F-1e: Contribute to defensible space grants fund			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		Х					
F-2a: Establish and maintain adequate line clearances			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
F-2b: Install existing conductors on steel poles									Х	Х	Х	Х	Х	Х	Х				Х							
F-2c: Perform climbing inspections						Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х							
F-3a: Contribute to Powerline Firefighting Mitigation Fund						Х				Х	Х	Х	Х						Х							
F-3b: Prepare and implement a Multi-agency Fire Prevention MOU						Х				Х	Х	Х	Х						Х							

Segment	Description	Location	Dates
1	Imperial Valley Substation	Imperial Valley Substation	Oct-09
2	Imperial Valley Sub to Pyramid Mining	MP0 to MP19.2	Aug-10
3	Pyramid Mining to Mountain Springs Grade	MP19.2 to MP23.2	Aug-10
4	Mountain Springs Grade to Jade	MP23.2 to MP30.3	Oct-09
5	Jade to I-8 (McCain Valley)	MP30.3 to MP39.7	Oct-09
6	I-8 (McCain Valley) to USFS	MP39.7 to MP52.5	Oct-10
7	USFS East	MP52.5 to MP61.3	Aug-10
8	USFS East to Cameron Substation	MP61.3 to MP65.4	Aug-10
9	Section 8D	MP65.4 to MP70.9	Feb-11
10	Section 8C	MP70.9 to MP74.8	Jul-10
11	Section 8B	MP74.8 to MP77.6	Nov-10
12	Section 8A	MP77.6 to MP90.0	Jul-10
13	Suncrest Substation (Modified Route D Substation)	Suncrest Substation	Jun-10
14	Section 7	MP90.0 to MP92.8	Sep-10
15	Section 6 (Alpine Blvd. UG)	MP92.8 to MP99.0	Jun-10
16	Puetz Valley thru El Monte Valley	MP99.0 to MP105.5	Sep-10
17	El Monte Valley to Hwy 67	MP105.5 to MP112.7	Sep-10
18	Hwy 67 to Sycamore Canyon Substation	MP112.7 to MP118.1	Sep-10
19	Sycamore Canyon Substation	Sycamore Canyon Substation	Nov-09
20	Sycamore to Elliot 69kV Reconductor	Sycamore to Elliott	Sep-09
21	Sycamore to Scripps 69kV Reconductor	Sycamore to Scripps	Sep-09
22	Sycamore to Pomerado 69kV Reconductor	Sycamore to Pomerado	Aug-09
23	South Bay Substation Upgrades	South Bay Substation	Oct-11
24	Encina Substation Upgrades	Encina Substation	Oct-10
25	San Luis Rey Substation Upgrades	San Luis Rey Substation	Aug-10