

**SUNRISE POWERLINK PROJECT USFS SCENERY CONSERVATION PLAN
TRANSMISSION STRUCTURE COLOR ASSIGNMENT REVIEW REQUESTED BY SDG&E**

Michael Clayton & Associates

Revised: July 29, 2009

Revised: December 18, 2009

Revised: March 7, 2010

Revised: December 13–28, 2010 (FINAL)

General Location	Section	Map Sheet (MS)	Structure No.	Height (ft)	Original Color	MC&A Suggested Color	USFS / MC&A Review (7/28/09)	USFS / MC&A Review (12/18/09)	USFS / MC&A Review (March 2010)	USFS / MC&A Review (December 2010)	Notes
North La Posta Valley – I-8 Crossing	9A	MS-68	EP122	108	Dark Gray	Medium Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	<p>MC&A. Transition to medium gray from dark gray (P123-1) one structure location before skylining occurs at structure 121-1. Medium gray is a compromise between the standard light gray galvanized color and the SDG&E dark gray color. While structure 121-1 will skyline as presently located, structures 120-1 and 119-1 will be mostly backdropped by terrain. The compromise results in a consistent color as opposed to switching from one color to another in the same field of view.</p> <p>USFS/MC&A (7/28/09). Kermit Johansson and M. Clayton agree that Structures P118-1 through P120-1 be assigned the Medium-gray color because of the close proximity of public viewers and the possibility of skylining from close viewpoints.</p> <p>USFS/MC&A (12/18/09). No change to North La Posta Valley color assignments as a result of the North La Posta Valley Reroute.</p> <p>USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments.</p>
			EP121A-1	100	Dark Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	
			EP121-3	120	NEW	NEW	NEW	Medium Gray	Medium Gray	Medium Gray	
			EP120-A	130	NEW	NEW	NEW	Medium Gray	Medium Gray	Medium Gray	
			EP120-4	156	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	
South La Posta Valley	8E	MS-69	EP119-2	147	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	<p>MC&A. Medium gray for structures P118-1 through P114 would appear consistent with the towers to the north (P119-1 – P122-1) and represents a reasonable color compromise since structures P114 through P118-1 would be visible both with backdrops (from more distant views) and as skylined structures (from closer views). However, structures P112 and P113 would be visible primarily as skylined structures thus, the recommendation for assignment of light gray to these structures.</p> <p>USFS/MC&A (6/3/09). Kermit Johansson requests that structures P114 through P118-1 be assigned the dark gray color.</p> <p>USFS/MC&A (12/18/09). Color assignments in South La Posta Valley are changed to a consistent Medium Gray partly due to a change in backdrop resulting from a reduction in skylining and partly to eliminate noticeable color transitions.</p> <p>USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments with the exception that the USFS and SDG&E have agreed to make structure EP112-3 a hybrid medium gray (lower structural members will be a darker medium gray and the upper structural members will be a lighter medium gray).</p>
			EP118-2	156	Dark Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	
			EP117-2	151	Dark Gray	Medium Gray	Dark Gray	Medium Gray	Medium Gray	Medium Gray	
			EP116-1	157	Dark Gray	Medium Gray	Dark Gray	Medium Gray	Medium Gray	Medium Gray	
			EP115-1	169	Dark Gray	Medium Gray	Dark Gray	Medium Gray	Medium Gray	Medium Gray	
			EP114-2	169	Dark Gray	Medium Gray	Dark Gray	Medium Gray	Medium Gray	Medium Gray	
			EP113-4	123	Dark Gray	Light Gray	Light Gray	Medium Gray	Medium Gray	Medium Gray	
		EP112A	112	NEW	NEW	NEW	Medium Gray	Medium Gray	Medium Gray		
		MS-70	EP112-3	162	Dark Gray	Light Gray	Light Gray	Medium Gray	Medium Gray	Medium Gray Hybrid	
South La Posta Valley to Cameron Valley	8E	MS-70A MS-71	EP108-2 to EP111-4	-	Dark Gray	Not Addressed by SDG&E	Light Gray	Medium Gray	Medium Gray	Medium Gray	<p>USFS/MC&A (6/3/09). Though not identified as a concern by SDG&E, the light gray structure color should be continued to the point where the structures cease to skyline when viewed from either I-8 or Cameron Valley. This means continuing the light gray color on USFS lands for structures P108 to P111 because these structures extend above the horizon when viewed from I-8 and/or Cameron Truck Trail in Cameron Valley (a rural residential area). Structures P102 to P107 are on non-USFS lands and are already assigned a light gray color.</p> <p>USFS/MC&A (12/18/09). Color assignments from South La Posta Valley through Cameron Valley are changed to a consistent Medium Gray.</p> <p>USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are</p>

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		MS-71 MS-73 MS-74	EP102-3 to EP107-3	-	Light Gray		Light Gray	Medium Gray	Medium Gray	Medium Gray	reviewed and approved with no further changes to previous color assignments.	
Vicinity of Chicken Ranch	8C	MS-85	EP63	148	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	<p>MC&A. Medium gray for these structures represents a compromise that will ease the transition from light gray off of forest lands to the east of P58-1 and west of P57-1, while still enabling the structures to blend better with the mottled backdrop visible from vantage points to the north (Corral Canyon, Hauser Wilderness, and Los Piños Mountain).</p> <p>USFS/MC&A (12/18/09). No change in color assignments in this route segment.</p> <p>USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments.</p> <p>MC&A/SDG&E (12/15/10). Structure numbers and heights are updated between EP57-2 and EP53-3.</p>	
			EP62A-1	159	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		
			EP58-2	162	Dark Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		
			EP57-2	130	Dark Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		
		MS-86	EP56-4	175	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		Medium Gray
			EP54-1	136	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		Medium Gray
			EP53-3	124	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		Medium Gray
		MS-87	EP52-1	129	Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray		Medium Gray
EP51-1	169		Light Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray	Medium Gray			
Deerhorn Valley Area	8A	MS-90	EP42	126	Light Gray	Light Gray	Light Gray	Hermes Reroute	Light Gray	Light Gray	<p>MC&A. Structures P39 through P42 primarily appear as skylining structures (extending above the horizon) when viewed from Deerhorn Valley residences. Therefore, it is recommended that the structures be light gray in color.</p> <p>USFS/MC&A (3/7/10). Structures P42 through P39-1 in the Deerhorn Valley area retain skylining characteristics. Therefore, the original 7/28/09 Light Gray color assignments are recommended. The structures of the new Hermes Reroute were not reviewed on 12/18/09 because of the pending Modifications Report.</p> <p>USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments.</p>	
			EP41	166	Light Gray	Light Gray	Light Gray	Hermes Reroute	Light Gray	Light Gray		
		MS-91	EP40-1	91	Light Gray	Light Gray	Light Gray	Light Gray	Hermes Reroute	Light Gray		Light Gray
			EP39-1	153	Light Gray	Light Gray	Light Gray	Light Gray	Hermes Reroute	Light Gray		Light Gray
Lyons Valley – South	8A	Dropped	EP38		Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Dropped	Dropped	<p>MC&A. It is suggested that the structures within Lyons Valley be medium gray in color as a compromise between views of the structures skylining (close-up views) and with backdrops of medium to dark tones (more distant views). The medium gray color would also ease the transition to light gray at structure P39 to the south (Deerhorn Valley). This would also eliminate the color discontinuity that would occur between structures P27 and P31 (Dark Gray to Light Gray to Dark Gray).</p> <p>USS/MC&A (6/3/09). Kermit Johansson suggests that structures P31 through P38 be assigned the dark gray color.</p> <p>USFS/MC&A (3/7/10). With the revised (Hermes) route, structures P32-1 through P27-1 have shifted more to the center of the valley and now have backdrop characteristics similar to those in the northern portion of the valley. The new positions also place these structures in a more open and continuous field view from Lyons Valley Road. With more structures in the same field of view, it is recommend that consistency of color be maintained throughout the valley with the transition to Dark Gray being moved further to the south. Also, with the new alignment, structures P33-1 and P34-1 would skyline across the ridgeline and be within the same field of view as the structures in the southern part of the valley. Therefore, for color consistency and a less conspicuous transition point, it is</p>	
			EP37-2	166	Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Medium Gray	Medium Gray		
		MS-92	EP36-1	165	Dark Gray	Medium Gray	Dark Gray	Dark Gray	Hermes Reroute	Medium Gray		Medium Gray
			EP35-1	120	Dark Gray	Medium Gray	Dark Gray	Dark Gray	Hermes Reroute	Medium Gray		Medium Gray

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		MS-93	EP34-1	115	Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Medium Gray	Medium Gray	recommended that, if there is to be a color transition, it occur between structures P34-1 (Medium Gray) and P35-1 (Dark Gray). However, with the elimination of structure P38, only three dark structures remain. Therefore, it is recommended that Medium Gray be continued until the transition to Light Gray at Structure P39-1. The structures of the new Hermes Reroute were not reviewed on 12/18/09 because of the pending Modifications Report. USFS/MC&A (12/13/10) . Final color samples from Dubai manufacturer are reviewed and approved. USFS/SDGE/MC&A (12/28/10) . Following approval of final color samples, Kermit Johansson and Michael Clayton reviewed the color assignments for structures EP19-1 to EP32-1 in Lyons Valley. Ongoing discussions between the USFS and SDG&E have resulted in no change to the structure color assignments in the southern portion of Lyons Valley.
			EP33-1	129	Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP32-1	165	Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Medium Gray	Medium Gray	
		MS-94	EP31-1	166	Dark Gray	Medium Gray	Dark Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP30-2	157	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
		MS-96	EP29-2	163	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP28-3	121	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP27-1	169	Dark Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
Lyons Valley – North	8A	MS-96	EP26-1	157	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	MC&A . It is suggested that the structures within Lyons Valley be medium gray in color as a compromise between views of the structures skylining (close-up views) and with backdrops of medium to dark tones (more distant views). The medium gray color would also eliminate the color discontinuity that would occur between structures P23-1 and P27 (dark gray to light gray to dark gray). Furthermore, the medium gray color is generally recommended over the dark gray color for all non-Light Gray situations. USFS/MC&A (3/7/10) . Revised structures P26-1 through P20-2 (south to north) in north Lyons Valley (Hermes Re-route) retain backdrop characteristics sufficiently similar to the original route to maintain 7/28/09 color assignments. The structures of the new Hermes Reroute were not reviewed on 12/18/09 because of the pending Modifications Report. USFS/MC&A (12/13/10) . Final color samples from Dubai manufacturer are reviewed and approved. USFS/MC&A (12/21/10) . Following approval of final color samples, Kermit Johansson and Michael Clayton reviewed the color assignments for structures EP19-1 to EP32-1 in Lyons Valley. Ongoing discussions between the USFS and SDG&E have resulted in no change to the structure color assignments in the northern portion of Lyons Valley.
		MS-97	EP25-2	145	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP24-1	165	Light Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP23-2	165	Dark Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
		MS-98	EP22-1	114	Dark Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
			EP21-1	168	Dark Gray	Medium Gray	Medium Gray	Hermes Reroute	Medium Gray	Medium Gray	
					EP20-2	150	Dark Gray	Medium Gray	Medium Gray	Hermes Reroute	

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North of Lyons Valley to Southeast of Star Valley	7, 8A	MS-98 to MS-108	EP19-1	159					Dark Gray	Medium Gray	USFS/MC&A (12/21/10). Following approval of final color samples, Kermit Johansson and Michael Clayton reviewed the color assignment for structure EP19 and revised the color assignment from dark gray to medium gray due to structure skylining.	
			EP18 to EP14-1	-	Dark Gray			Dark Gray	Dark Gray	Dark Gray	Medium Gray	USFS/MC&A (6/3/09). Kermit Johansson suggests that all structures between P20-1 and P102 be assigned the dark gray color. USFS/MC&A (12/18/09). No change in color assignments in this route segment. USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved. USFS/MC&A (12/28/10). Following approval of final color samples, Kermit Johansson and Michael Clayton reviewed the color assignments for structures EP18 to EP8-2 through the Carveacre residential area and Japatul Valley area. Following additional consultations with SDG&E, the color assignments for structures EP18 to EP14-1 were revised as shown to account for structure skylining and the close, foreground views available to nearby residents.
			EP13-3 to EP1-3	-	Dark Gray	Not Addressed by SDG&E		Dark Gray	Dark Gray	Dark Gray	Dark Gray	
			CP102 to CP105	-	Dark Gray			Dark Gray	Dark Gray	Dark Gray	Dark Gray	
			CP106 to CP111	-	Light Gray			Dark Gray	Dark Gray	Dark Gray	Dark Gray	
Star Valley Area	7	MS-109	CP103-2	166	Dark Gray		Medium Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	MC&A. With the exception of P102-1, which would be medium gray in order to ease the transition of light gray (P101) to dark gray P103-1), the remaining structures are recommended to be light gray due to the predominance of skylining (extending above the horizon) that will occur when viewed from the Star Valley Road residences. The light gray color would blend better with the light color of the background sky. USFS/MC&A (6/3/09). Kermit Johansson suggests that all structures between P20-1 and P102 be assigned the dark gray color. USFS/MC&A (12/18/09). No change in color assignments in this route segment. USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments. MC&A/SDG&E (12/15/10). Structure numbers are updated between CP103-2 and CP69-2.
			CP101	160	Dark Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	
			CP100-1	142	Dark Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	
			CP99-2	142	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	
			CP98-1	126	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	
			CP96-1	158	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	
El Monte Park Area	5	MS-120	CP69-2	173	Dark Gray	Not Reviewed	Not Reviewed	Light Gray	Light Gray	Light Gray	USFS/MC&A (12/18/09). Color assignment for structure P69-1 is Light Gray to maintain color consistency and avoid conspicuous color transition. USFS/MC&A (12/13/10). Final color samples from Dubai manufacturer are reviewed and approved with no further changes to previous color assignments. MC&A/SDG&E (12/15/10). Structure numbers are updated between CP103-2 and CP69-2.	

Note: All other structures on the Cleveland National Forest not accounted for in this table are required to be Dark Gray in color.