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**PROJECT MEMORANDUM**  
**SCE TRANSMISSION PROJECTS, SEGMENTS 1–11**

**To:** John Boccio, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** March 1, 2016  
**Subject:** Weekly Report 421: February 14 to February 20, 2016

## INTRODUCTION

This report provides a summary of the construction, restoration, and compliance activities associated with the following SCE transmission projects:

1. Antelope-Pardee 500 kV Transmission Project, Segment 1, including Antelope Substation expansion;
2. Antelope Transmission Project, Segments 2, 3A and 3B, including the Windhub and Highwind Substations; and
3. Tehachapi Renewable Transmission Project, Segments 4 through 11, including Whirlwind Substation and the expansion of Vincent Substation.

A summary of the Notices to Proceed with Construction and minor permanent project change requests is provided in Table 1 near the end of this report. Minor temporary project change requests are summarized in Table 2. Finally, a summary of Temporary Extra Workspace and non-compliance activity are provided in Tables 3 and 4, respectively.

**CPUC/Aspen Environmental Monitors (EM):** Jenny Slaughter (Lead Monitor).

## SEGMENTS 1-3: ANTELOPE-PARDEE AND ANTELOPE TRANSMISSION PROJECTS

### Summary of Activity:

1. Construction of Segments 1, 2, 3A, and 3B transmission line has been completed, including the Antelope, Highwind, and Windhub Substations.
2. Restoration on Segment 1 has been ongoing. SCE has been implementing Adaptive Management Plan strategies for restoration. On April 15, 2015, SCE submitted a request to sign-off 18 sites (16 on the ANF, 2 off) for meeting success criteria in accordance with the February 2008 Habitat Restoration and Revegetation Plan (HRRP) following the Year 4 quarterly site visits. Comments for non-ANF restoration sites were provided on July 16. This request is currently under USFS review. Acorn collection was completed by the USFS staff. Approximately 500 acorns were collected and provided to SCE for nursery propagation. SCE and the USFS will determine where the seedlings will be placed during the fall of 2016. The Segment 1 Year 5 3rd Quarter and Annual Report were submitted to the USFS and the CPUC on November 16 and January 6, respectively, and comments were provided on January 14, 2016.
3. Revegetation for Segments 2 and 3A was started in April 2011. Ongoing maintenance activities is documented in reports to the CPUC. The Habitat Restoration Year 3 Final Monitoring Reports for Segments 2 and 3A were submitted on April 10, 2015 and a site visit was conducted on June 30. Comments were provided to SCE on August 19 and SCE submitted responses on October 8. The CPUC issued a letter to SCE on November 17 recommending that continued maintenance take place for sites that have not yet met the success criteria and a reevaluation be conducted in spring 2016.

### Environmental Compliance:

1. The Segment 3B HRRP Addendum is pending.



No Project Memoranda or Non-Compliance Reports were issued for Segment 1-3 activities during the subject period. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (other than CPUC EMs):**

None

**TEHACHAPI RENEWABLE TRANSMISSION PROJECT (TRTP) SEGMENTS 4-11**

The SCE Tehachapi Renewable Transmission Project was evaluated in accordance with CEQA and NEPA requiring the preparation of a Final Environmental Impact Report/Statement (EIR/S) by the CPUC and U.S. Forest Service (USFS). A Certification of Public Convenience and Necessity (CPCN) was granted by the CPUC on December 17, 2009 and the USFS Record of Decision (ROD) was issued on October 4, 2010.

The CPUC and USFS also prepared an SEIR/SEIS for the proposed changes requested in SCE's Petition for Modification of Decision 09-12-044 on the TRTP. The SEIR/SEIS addresses implementation of the FAA's recommendations including: installation of marker balls on 276 transmission line spans; installation of aviation lights on 90 transmission structures; and engineering refinements to reduce the height of 21 structures within Segment 8 between Chino and Mira Loma Substations utilizing a combination of shorter tubular steel poles and specially designed dead-end lattice steel towers, which would result in changing the previously approved structure type for seven structures. The CPUC issued a Final Decision for the FAA related changes on October 31, 2013, for non-ANF lands. A final ROD for the FAA changes on ANF lands was issued by the USFS on October 17, 2014.

**SEGMENTS 4, 5, AND 10 – ANTELOPE VALLEY**

**Summary of Activity**

1. Segment 4: Construction of Segment 4 is complete. This segment was energized on February 7, 2012.
2. Segment 5: Construction of Segment 5 is complete. This segment was energized in December 2012.
3. Segment 10: Construction of Segment 10 is complete. This segment was energized on June 22, 2012.
4. Segment 10 Telecom: Work has been completed.
5. Construction at the Vincent Substation has been completed.
6. Whirlwind Substation: Construction of the Whirlwind Substation has been completed.

**Environmental Compliance:**

1. All Segment 4, 5 and 10 work areas and substation sites disturbed by construction have been hydro-mulched and seeded. SCE filed separate Notices of Termination (NOTs) with the Regional Water Quality Control Board to close the respective SWPPPs and the NOTs have been approved.
2. A final Habitat Mitigation and Monitoring Plan (HMMP) for Segments 4, 5 and 10 for temporary habitat impacts was submitted on July 13, 2015 and approved on August 25. Permanent impacts for Segments 4, 5, 10, and Whirlwind Substation will be accounted for in SCE mitigation land acquisition.

No CPUC Project Memoranda or Non-Compliance Reports were issued for Segments 4, 5, and 10 during this reporting period. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (other than CPUC EMs):**

None

**SEGMENTS 6 AND 11 – ANGELES NATIONAL FOREST & LOS ANGELES COUNTY**

The Final EIS was released by the USFS on September 14, 2010. The USFS Record of Decision (ROD) was issued on October 4, 2010, and Special Use Permit for Segments 6 and 11 was issued on September 21, 2011. As noted above, the CPUC and USFS prepared an SEIR/SEIS for the proposed changes to the TRTP requested in SCE's Petition for Modification of Decision 09-12-044 on the TRTP regarding implementation of FAA required improvements, including lighting and marker balls. The CPUC issued a Final Decision for the FAA lighting on October 31, 2013, for non-ANF lands. The final ROD for FAA changes on ANF lands was issued by the USFS on October 17, 2014.

**Summary of Activity**

**Segment 6A (Constructs 1-35), Segment 6B (Constructs 36-71) and Segment 6C (Constructs 72 –113)**

1. Construction of the Segment 6 transmission line has been completed. The Rio Hondo–Vincent #2 220 kV line was energized on December 20, 2014. Energization of the Mira Loma–Vincent 500 kV line will occur once installation of the 500 kV Underground in Chino Hills is complete.
2. Segment 6 restoration activities (decompaction, recontouring, hydroseeding, planting, and irrigation installation) for this season (Year 2) have been completed (see Exhibit A). Weed abatement, maintenance, irrigation, and monitoring activities will continue throughout the year. As required by Mitigation Measure B-1a, Habitat Mitigation and Monitoring Plans (HMMP) were developed to provide restoration and compensation for impacts to native vegetation communities. After the HMMPs were approved, segment-specific Execution Plans were developed which include each site's specific restoration requirements. Planting seasons generally occur in the fall of each year and are followed by a 120-day Plant Establishment Period (PEP). During the PEP, regular maintenance and monitoring of restoration sites takes place.
3. BMP maintenance was performed throughout Segment 6 at accessible areas.

**Exhibit A: Segments 6 and 11 Restoration Status as of February 25:**

Segment	Planting Season 1			Planting Season 2			Planting Season 3		
	(2014/2015)			(2015/2016)			(2016/2017)		
	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>
<b>Segment 6 - 50 Total Restoration Sites</b>									
Partial Execution Plan Implemented	20	20	40%	20	20	40%	---	---	---
Complete Execution Plan Implemented	11	11	22%	10	10	20%	---	---	---
Short Term Monitoring	0	0	0%	30	30	60%	---	---	---
Long Term Maintenance and Monitoring	31	31	62%	31	31	62%	---	---	---
<b>Segment 11 - 37 Total Restoration Sites</b>									
Partial Execution Plan Implemented	0	0	0%	15	15	41%	---	---	---
Complete Execution Plan Implemented	0	0	0%	18	18	49%	---	---	---
Short Term Monitoring	0	0	0%	33	32	86%	---	---	---
Long Term Maintenance and Monitoring	0	0	0%	0	0	0%	---	---	---

UPDATED 2/18/2016

<sup>1</sup>Total number of Restoration Activity Level (RAL) 2, 3, and 4 sites scheduled for installation activities for the respective Project Season.

<sup>2</sup>Number of sites for each Segment with installation activities currently in-progress for the respective Project Season.

<sup>3</sup>Percentage of total number of sites for each Segment with installation activities currently in-progress for the respective Project Season.

Note: Weed abatement for RAL 1 sites in progress.

**Segment 11A (Goodrich to Mesa Substation), Segment 11B (Gould to Goodrich Substation), and Segment 11C (Vincent to Gould Substation, and Segment 11D (Gould Substation).**

4. Major construction activity on Segment 11 has been completed. The Pardee-Vincent #1 220 kV line was energized on April 10, 2015. The Mesa-Vincent #2 line was energized May 6, 2015. The Eagle Rock–Gould 220 kV line was energized on May 20, 2015. The Pardee-Vincent #2 was energized on May 31, 2015.

5. Segment 11 restoration activities (decompaction, recontouring, hydroseeding, planting, and irrigation installation) for this season (Year 2) have been completed (see Exhibit A). Weed abatement, maintenance, irrigation, and monitoring activities will continue throughout the year.
6. BMP maintenance was performed throughout Segment 11C at accessible areas.

#### **Environmental Compliance:**

1. On January 12, SCE met with ANF Botanist Katie VinZant and the CPUC EM to conduct a field tour of outstanding priority restoration items on Segments 6 and 11. The Forest Botanist is concerned that many areas were not correctly restored (mainly that graded areas were not recontoured). The group also looked at three areas where gates and barriers need to be installed to prevent access to closed areas of the ANF. SCE distributed meeting notes on February 1 and initiated work on these areas February 9th.
2. An Amendment to the Biological Opinion (BO) has been requested in order for crews to complete the repair work during the current California red-legged frog exclusion period at Segment 11 Tower 18. The BO Amendment was issued by the USFWS on February 2. The CPUC EM confirmed that repair work at Tower 18 on Segment 11 had been completed as required (see Figure 1).
3. On December 22, SCE provided a progress report to CPUC and the State/Regional Water Resource Control Boards detailing SWPPP installation and restoration progress throughout Segments 6 and 11. 158 sites were reported for Segment 6 and 88 sites for Segment 11C. Sites on Segments 6 and 11 are being reported as not being under any active construction and stabilized (hydroseed/ planting/hydromulch). For Segment 6, 65 Change of Information (COIs) have been approved by the State Water Resources Control Board transferring the General Permit to SCE, and for Segment 11, 24 COIs have been approved. Nineteen COIs for Segment 6 and one COI for Segment 11 are pending approval. For Segment 6 there are 93 sites under caretaker status and for Segment 11 there are 64.
4. On December 2, SCE submitted the Season 1 Plant Establishment Period (PEP) Letter Report which documents the 2014/2015 physical restoration activities on Segments 6 and 11. Aspen provided comments to SCE on January 25. The PEP Letter Report for Season 2 (2015/2016 restoration efforts) is scheduled for submittal in August 2016. Annual Mitigation Monitoring Reports (AMMRs) for each planting season documenting monitoring results (trends toward success criteria) are scheduled for submittal by September 1 of each year. The AMMRs will also include wildlife data for CDFW 1602 jurisdictional areas. The monthly PEP Report for January was submitted on February 18.

No CPUC Project Memoranda or Non-Compliance Reports were issued for Segments 6 and 11 during this reporting period. Non-Compliance activities for the project to date are summarized in Table 4.

#### **Agency Representatives during Construction (other than CPUC EMs):**

Katie VinZant, USFS.

### **SEGMENTS 7 AND 8 – LOS ANGELES AND SAN BERNARDINO COUNTIES**

#### **Summary of Activity**

In support of the CPUC decision on July 11, 2013 (13-07-018) to remove the already constructed overhead towers in Chino Hills and place the circuit underground (500 kV Underground), Notice to Proceed (NTP) #38 was issued by CPUC on August 23, 2013 (see Table 1) for tower and foundation removal which has been completed. NTP #40 for vegetation removal and temporary fence installation was issued on May 30, 2014, NTP #41 (revised) for the underground installation was issued on September 19, 2014, and NTP #42 (revised) for the Eastern and Western Transition Stations was issued on February 10, 2015 (see Table 1). Final Engineering Concurrences (FEC) requests have been submitted for 500 kV Underground related substation and telecom modifications (see Table 1). An FEC request for permanent fencing will be submitted in the future.

**Segments 7 and 8 66 kV:**

1. No 66 kV work occurred during the subject period.

**Segment 7**

2. Major Segment 7 construction is complete with 100% of structures and conductor having been installed. The Rio Hondo–Vincent #2 220 kV line was energized on December 20, 2014. Energization of the Mira Loma–Vincent 500 kV line will occur once the 500 kV Underground portion in Chino Hills is completed. A Change of Information (COI) was filed on May 6 with the State Water Resources Control Board transferring the General Permit to SCE.
3. H&M crews continued civil work at Tower M27-T3 and conducted grounding in the Segment 7 right-of-way.
4. Segment 7 restoration activities including hydroseeding, container planting, weed abatement, and irrigation installation have been completed (see Exhibit B). Maintenance and monitoring of restoration areas are ongoing. As required by Mitigation Measure B-1a, Habitat Mitigation and Monitoring Plans (HMMP) were developed to provide restoration and compensation for impacts to native vegetation communities. After the HMMPs were approved, segment-specific Execution Plans were developed which include each site’s specific restoration requirements. Planting seasons generally occur in the fall of each year and are followed by a 120-day Plant Establishment Period (PEP). During the PEP, regular maintenance and monitoring of restoration sites takes place. On January 5<sup>th</sup>, SCE received a Cease and Desist letter from USACE for any further Segment 7 restoration activities on federal lands (Whittier Narrows Flood Control Basin and the Santa Fe Dam).
5. BMP maintenance and restoration maintenance activities occurred throughout Segment 7 with the exception of on USACE lands.

**Exhibit B: Segments 7 and 8 Restoration Status as of February 25:**

TRTP RESTORATION - NUMBER OF RESTORATION SITES BY PHASE AS OF 2/25/2016

Segment	Planting Season 1 (2014/2015)			Planting Season 2 (2015/2016)			Planting Season 3 (2016/2017)		
	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>	Total # of Sites for Season <sup>1</sup>	# of Sites In-Progress <sup>2</sup>	Percentage of Total # of Sites <sup>3</sup>
	<b>Segment 7 - 21 Total Restoration Sites</b>								
Partial Execution Plan Implemented	21	21	100%	0	0	0%	---	---	---
Complete Execution Plan Implemented	0	0	0%	21	21	100%	---	---	---
Short Term Monitoring	0	0	0%	21	21	100%	---	---	---
Long Term Maintenance and Monitoring	21	21	100%	21	21	100%	---	---	---
<b>Segment 8 - 88 Total Restoration Sites</b>									
Partial Execution Plan Implemented	11	11	13%	0	0	0%	---	---	---
Complete Execution Plan Implemented	0	0	0%	88	38	43%	---	---	---
Short Term Monitoring	0	0	0%	88	34	39%	---	---	---
Long Term Maintenance and Monitoring	11	11	13%	11	11	13%	---	---	---

UPDATED 2/25/2016

<sup>1</sup>Total number of Restoration Activity Level (RAL) 2, 3, and 4 sites scheduled for installation activities for the respective Project Season.

<sup>2</sup>Number of sites for each Segment with installation activities currently in-progress for the respective Project Season.

<sup>3</sup>Percentage of total number of sites for each Segment with installation activities currently in-progress for the respective Project Season.

Note: Weed abatement for RAL 1 sites in progress.

**Segment 8 Overhead; Phase 1 (57 Freeway to Chino Substation), Phase 2 and Phase 3 (Chino Substation to Mira Loma Substation), and Phase 4 (San Gabriel Junction to 57 Freeway).**

6. 0.75 inches of rain was documented on the right-of-way during a storm event that occurred on February 17 and 18.
7. Major construction is complete in all phases with 100% of structures and conductor having been installed. Both 220 kV circuits of Segment 8 Phase 2 (Chino–Mira Loma #1 and #2) were energized

in June 2011. The Phase 3 (Chino–Mira Loma #3) circuit was energized to 220 kV on May 1, 2015. Segment 8 Phases 1 and 4 will be energized once the 500 kV Underground portion is completed.

8. Remaining work includes erosion repairs, grounding, road work, restoration, weeding, and various telecom/distribution relocations.
9. H&M crews continued erosion repair grading at Tower M49-T1. H&M crews also continued civil work at Tower M43-T3.
10. H&M crews conducted grounding in the Segment 8 right-of-way.
11. BMP maintenance restoration maintenance activities occurred throughout Segment 8 with the exception of on USACE lands.
12. Segment 8 restoration activities including weed abatement and hydroseeding were conducted at temporary disturbed areas along Segment 8 Phase 4 (see Exhibit B).

***500 kV Underground, Chino Hills*** (see Exhibit C)

1. 0.75 inches of rain was documented on the right-of-way during a storm event that occurred on February 17 and 18.
2. Trench-vault tie-ins continued at Vault Cluster (VC) #11.
3. Proofing conduit and cleaning manholes occurred at various locations.
4. At the Horizontal Directional Drill (HDD) long bore location, pilot drilling continues for the first of the Circuit 2 bores; drilling began on February 6th. Three bores have been completed for Circuit 1 (with conduit installed-no cable). The remaining two Circuit 2 HDD bores have yet to be started.
5. Restoration grading continued between VC #3 and VC #2.
6. Permanent BMP installation occurred between VC #1 and VC #2.
7. Cable installation occurred between VC #2 and VC #4 (see Figure 3).
8. Trench work continued at the Eastern Transition Station (ETS) and Western Transition Station (WTS).
9. Associated 500 kV Underground control cable pulling, wiring, and structural steel activities occurred at the Mira Loma Substation.
10. Cable reels for the 500 kV Underground Project are being stored at the Mira Loma Yard.
11. BMP crews worked at various locations installing, maintaining, and repairing erosion control materials.
12. Street sweeping took place along paved public roadways adjacent to the right-of-way.



**Exhibit C: 500 kV Underground Construction Status as of February 18, 2016.**



**Environmental Compliance:**

1. On January 5<sup>th</sup>, SCE received a Cease and Desist letter from USACE for any further restoration activities on federal lands (Whittier Narrows Flood Control Basin and Santa Fe Dam) on Segments 7 and 8. SCE was in the process of installing container plants and hydroseed in temporarily disturbed areas, and are currently unable to complete or maintain these sites. Of the 21 Segments 7 and 8 restoration sites located on USACE lands, 14 have had the prescribed restoration activities completed, 3 have partial installation, and 4 sites have not had any restoration treatments. SCE is in the process of obtaining approval to resume restoration activities with the USACE.
2. On February 1, SCE provided a progress report to CPUC detailing SWPPP installation and site stabilization progress throughout Segments 7 and 8. 81 sites were reported for Segment 7 and 237 sites for Segment 8 overhead. Sites on Segments 7 and 8 overhead are being reported as not being under any active construction and stabilized (hydroseed/planting/hydromulch). For Segment 7, 72 Change of Information (COIs) have been approved by the State Water Resources Control Board for removal from General Permit coverage due to stabilization criteria having been met, and for Segment 8 overhead, 137 similar COIs have been approved. Four COIs for Segment 7 and seven COIs for Segment 8 are pending approval. For Segment 7 there are 4 sites under caretaker status and for Segment 8 overhead there are 62.
3. SCE is preparing weekly maintenance/notification logs for SWPPP compliance for the Underground project. During the subject week, five corrective action and fifty-eight maintenance observations were reported. Four corrective actions and thirty-seven maintenance observations were completed during the subject weeks. Six corrective actions and thirty maintenance observations are pending onsite action. 0.75 inches of rain was reported along project areas during the week.
4. On December 2, SCE submitted the Season 1 Plant Establishment Period (PEP) Letter Report which documents the 2014/2015 physical restoration activities on Segments 7 and 8 overhead. Aspen provided comments to SCE on January 25. The PEP Letter Report for Season 2 (2015/2016 restoration efforts) is scheduled for submittal in August 2016. Annual Mitigation Monitoring Reports (AMMRs) for each planting season documenting monitoring results (trends toward success criteria) are scheduled for submittal by September 1 of each year. The AMMRs will also include wildlife data

for CDFW 1602 jurisdictional areas. The monthly PEP Report for January was submitted on February 18.

5. The stream diversion between VC #2 and Canon Drive has been removed.
6. SCE reported that two wetland compliance incidents occurred during the subject week.
  - On the 500 kV Underground, the biologist observed sediment at the VC #2 Stream Diversion within Jurisdictional Drainage ID (JDID) 8-39a-W-4. The incident was observed on February 18 and was within a 500' buffer for least Bell's vireo occupied habitat. The area affected, within southern arroyo willow riparian habitat, was surveyed and was completely inside approved disturbance limits. Approximately 30% of a 10' by 20' area was affected.
  - On Segment 8 Phase 4, the biologist observed sediment outside of disturbance limits and within JDID 8-20-S-400. The incident was observed at Segment 8 near the Tower M49-T1 access road on February 19 and was not in any listed species habitat. The area affected, approximately 15 feet by 20 feet, was surveyed and was completely outside approved disturbance limits, within ruderal grassland habitat. The sediment deposit flowed through a v-ditch before entering the jurisdictional drainage.
7. SCE reported that construction material (pvc pipe supports) were left in JDID 8-43-S-ND1 (Chino Creek flood control channel) for a period of more than 24 hours.
8. SCE reported two incidents of track out from 500 kV Underground work areas during the subject week.
9. During the rain event, the CPUC noted several instances of offsite sedimentation onto public roads (see Figures 5, 6, and 7).
10. No spills were reported during the subject week.
11. Paleontological Monitors were present as appropriate during the reporting period to monitor construction activities along Segments 7 and 8.
12. There were no San Diego desert woodrat midden relocations conducted during the subject period.
13. Several new bird's nests were identified by project biologists during the week.
14. Vermillion flycatcher, Cooper's hawk and peregrine falcon were among the special-status species observed on the Segment 8 and 500 kV Underground projects during the subject week by SCE Biological Monitors.

No CPUC Non-Compliance Reports or Project Memorandum were issued for Segments 7-8 during subject reporting period. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (other than CPUC EMs):**

None.

**CPUC NOTICES TO PROCEED (NTPS) & ANF PERMITTING**

Table 1 summarizes the CPUC Notice to Proceed and minor permanent project change review, to date. In addition, ANF permitting activity for Segments 1, 6, and 11 is provided as well.



**TABLE 1**  
**CPUC NTPs & ANF PERMITTING**  
(Updated 03/01/16)

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
CPUC NTPs, Segments 1-3				
<i>For CPUC NTP and Addendum activity on Segments 1-3 prior to 2010, please see Table 1 in Weekly Reports 106, 107.</i>				
#26	12/18/09	01/05/10	1	Expansion of Antelope Substation
CPUC Addendum	12/21/09	01/19/10	1	Permanent AR 19 and access road to Const 34A
CPUC Addendum	12/21/09	01/19/10	1	Permanent refueling basin at Hydrant Yard
#27	12/23/09	01/05/10	3B	Oak Peak Communication Site
CPUC Addendum	01/25/10	02/01/10	2	Reclassification of two temporary roads to permanent and relocation of transposition poles
Revised CPUC Addendum	02/10/10	02/19/10	2	Relocate two previously approved transposition towers from Const 110 to Const 105
#28	02/10/10	02/18/10	3B	Highwind Marshaling Yard
#28 MOD	05/21/12	05/30/12	Highwind Yard	Entrance road and fence relocation.
#29	02/10/10	03/02/10	1	Relocation of the Sagebrush Transmission Line at the Antelope Substation expansion area
CPUC Addendum	03/17/10	03/26/10	3A	Vertical mulching, capping of a portion of the existing roadway, and making this overland route a permanent access for SCE operations and maintenance to Const 43
CPUC Addendum	04/06/10	04/27/10	3B	Elimination of transposition towers in Segment 3B
CPUC Addendum	04/16/10	04/22/10	1	Installation of fiber optics surrounding the Antelope Expansion
CPUC Addendum	05/25/10	06/04/10	1	Permanent overland travel routes for Operation and Maintenance inspections
CPUC Addendum	05/25/10	06/04/10	2	Permanent overland travel routes for Operation and Maintenance inspections
CPUC Addendum	11/23/10	12/14/10	Windhub Substation	Place additional riprap at the channel outlet at Windhub Substation, to mitigate for downstream erosion resulting from 2009/2010 rains
#30	12/01/11	02/21/12	3B	Construction of Segment 3B Towers 1-14
#30 MOD	03/21/12	03/26/12	3B	Use of alternate existing access road and change of road improvement designation.
#31	01/16/12	03/05/12	Highwind Substation	Construction of Highwind Substation, Kern County
Final Engineering	06/22/12	07/12/12	Highwind Substation	Relocation of telecommunication tower @ Monolith Substation.
Final Engineering	10/11/12	10/18/12	Highwind Substation	Extension of 12 kV line into Highwind Substation.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
Final Engineering	02/04/15 revised 03/23/15	04/14/15	Highwind Substation	Installation of a perimeter wall, gate design change, and drainage improvements.
#32	12/01/11	03/23/12	3B	Construction of Segment 3B Towers 15-75
CPUC Addendum	12/02/11	03/14/12	3B	Installation of cathodic protection for neighboring pipelines.
#32 MOD	05/11/12	05/25/12	3B	Road changes to Segment 3B Towers 15-78 and shift in Tower 39.
Final Engineering	Resubmit 06/15/12	07/12/12	3B	Gas pipeline cathodic protection changes.
Final Engineering	06/22/12	07/12/12	3B	Telecommunication equipment at Monolith Substation.
Final Engineering	06/12/12	08/13/12	3B	Gas pipeline cover. Data request sent 06/12/12. Additional data submitted to CPUC 08/06/12.
Final Engineering	08/03/12	09/10/12	3B	Road and grading changes and storm drain installation. Additional information requested 08/23/12.
Final Engineering	09/06/12	10/09/12	3B	Use of existing roads for stringing and gradient control mat.
Final Engineering	09/28/12	10/18/12	3B	AC mitigation ground rod testing and relocation of test site.
Final Engineering	10/19/12	11/01/12	3B	Additional AC mitigation zinc ribbons and ground rods.
Final Engineering	12/13/13	1/27/14	3B	Additional gradient control mats for pipeline protection.
Final Engineering	09/05/14	12/16/14	3B	Permanent O&M access roads and work areas.
Final Engineering	04/07/15	04/28/15	3B	PG&E pipeline AC mitigation.
MOD to Final Engineering	06/12/15	06/16/15	3B	Modification to Final Engineering Request for relocation of one ground rod.
Final Engineering	05/25/15	06/09/15	3B	Burial of high pressure gas pipeline for additional cathodic protection.
CPUC NTPs Segments 4-11				
#1	01/13/10	02/11/10	4, 5, 10	Yard 28
#2	01/28/10	03/10/10	9	Vincent Substation Expansion
Final Engineering	09/18/14	10/07/14	9	Vincent Substation upgrades associated with 500 kV Underground.
#3	03/09/10	04/01/10	7,8	Rancho Vista Yard
CPUC Addendum	04/09/10	04/19/10	9	Changes to Substation components
#4	01/27/10	04/26/10	7, 8	Segment 7 and 8 Cell Sites
#5	01/27/10	04/30/10	7	Segment 7 Telecom
#6	03/29/10	05/12/10	7,8	Mesa Materials Storage Yard

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#7	05/12/10	05/28/10	8	Segment 8 telecommunications
#7 Mod	08/20/10	08/20/10	8	Minor re-routes to Segment 8 Telecom
#8	04/27/10	06/04/10	8	Segment 8 Contractor Yards
#9	07/21/10	07/29/10	7	Segment 7 Contractor Yards
#10	04/08/10	08/03/10	7, 8	66 kV re-route and relocation
#10 Mod	01/28/11	02/04/11	7/8 66 kV	Replace 14 existing wooden H-frames poles with steel H-frame poles in order to support the double 66 kV circuit
#10 Mod	12/03/10	Retracted by SCE	7/8 66 kV	Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending.
#10 Mod	03/15/11	03/22/11	7/8 66 kV	Removal and replacement of 21 wood poles with lightweight steel poles within Rio Hondo Substation
#10 Mod	04/22/11	04/29/11	7/8 66 kV	Underground telecom
#10 Mod	04/22/11	05/03/11	7/8 66 kV	Chino pole removals
#10 Mod	05/23/11	06/02/11	7/8 66 kV	Realignment of approximately 500 feet of 66 kV underground transmission line
#10 Mod	07/20/11	07/25/11	7/8 66 kV	Dusty underground connection
#10 Mod	08/26/11	09/01/11	7/8 66 kV	New Fiber Optic Underground trench
#10 Mod	08/29/11	09/08/11	66 kV	Insulator replacement in Montebello Hills
#10 Mod	09/28/11 additional information submitted 10/11/11	10/21/11	66 kV	Additional work areas and poles
#10 Mod	10/31/11	11/04/11	7, 8 66 kV	Additional underground trenching near Edison Avenue
#10 Mod	11/02/11	11/09/11	66 kV	Pole removal along Siphon Road
#10 Mod	12/13/11	12/22/11	7/8 66 kV	San Gabriel Dip extra work space and vault shift
#10 Mod	01/31/12	03/01/12	7/8 66 kV	Removal and installation activities at Pole No. 1431134E
Final Engineering	08/06/12	08/13/12	7/8 66 kV	Structure Installation, various reframing, installation of ground and guy wire, and shift activities.
Final Engineering	08/06/12	08/13/12	7/8 66 kV	Removal of Structures and performing sag adjustment activities.
Final Engineering	12/09/13	12/18/13	7/8 66 kV	Additional duct bank installation and work areas for telecom relocation in Chino.
Final Engineering	11/18/14	12/04/14	7/8 66 kV	New underground duct bank and rerouting of telecom line in Chino.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#11	05/08/10	08/12/10	8	Segment 8 Transmission Line, Chino Hills, Phase I
#11 Mod	09/07/11	09/12/11	8	Increased grading limits for access road to towers M57-T1 and M24-T1A
#11 Mod	01/03/12	01/05/12	8	Relocation of a distribution pole and use of associated disturbance areas
#11 Mod	12/19/11	01/17/12	8	Structure additions or modifications, and associated structure work areas/access
Final Engineering	05/28/13	06/18/13	8	Modification of access road from Everest Drive to M59-T2.
Final Engineering	10/21/14	10/28/14	8	Permanent grading changes to access road to Tower M59-T3.
#12	07/28/10	08/20/10	4, 5, 10	Segment 4, 5, 10 Contractor Yards
#13	07/19/10	08/24/10	8	Segment 8 Transmission Line, Phase 2 and 3
Final Engineering	06/22/12	07/23/12	8	Addition of Towers M0-T9A and M66-J8, Segment 8 Phase 3.
Final Engineering	01/31/13	04/30/13	8	Access road and structure shifts.
Final Engineering	02/20/15	04/10/15	8	66k V, Distribution, and Telecommunications Line Relocation and Lowering in the City of Ontario.
#14	08/25/10	09/03/10	4	Partial Transmission Line work associated with an LADWP outage
#15	08/13/10	09/10/10	5	Segment 5 Transmission Line
#15 Mod	03/08/11	03/14/11	5	Modification of FOC alignment
#15 Mod	06/16/11	06/21/11	5	Additional disturbance areas for grading limits in 5 locations
#15 Mod	06/16/11	06/24/11	5	Temporary additional workspace near Tower 20
#15 Mod	10/18/11	10/25/11	5	Relocate CT 68 and associated extra work space
#15 Mod	03/23/12	03/30/12	5	Additional disturbance areas for drainage drain installation.
#15 Mod	03/14/12	04/18/12	5	Installation of two H-frame structures within the Sagebrush alignment to allow of clearance or TRTP conductor
Final Engineering	07/27/12	08/13/12	5	Installation of guard rails at Tower 19.
Final Engineering	09/17/12	09/17/12	5	Fencing for retaining wall at Construct 42.
Final Engineering	06/25/14	07/17/14	5	Additional MacCarthy drain installation at four locations.
#16	08/30/10	09/13/10	4	Segment 4 Transmission Line
Final Engineering	11/15/12	11/20/12	4	Installation of a transition pole outside of Whirlwind Substation.
#17	08/10/10	09/24/10	7	Segment 7 Transmission Line
#17 Mod	01/13/11	02/25/11	7	Segment 7 66 kV wreck-outs

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#17 Mod	07/06/11	07/19/11	7	Access road additions, modifications, grading limit modifications, and OPGW splice sites
#17 Mod	07/15/11	07/19/11	7	Removal of existing overhead ground wire and skywrap and replacement with fiber optical ground wire
#17 Mod	02/24/12	03/01/12	7	Extra work space at M32-T4
Final Engineering	03/12/13	03/20/13	7	Recreational trail reroute at Towers M39-T4 and M39-T5.
Final Engineering	07/08/13	08/07/13	7	Expansion of grading area to construct access road to Tower M27-T3 in Duarte.
Final Engineering	09/10/13	09/25/13	7	Access roads to three locations in Segment 7.
Final Engineering	12/18/13	01/17/14	7	Changes to permanent grading impacts at M27-T2.
Final Engineering	06/06/14	06/20/14	7	Erosion repairs on access road to tower M27-T3.
Final Engineering	01/27/15	01/30/15	7	USACE give back roads.
Final Engineering	09/02/15	10/14/15	7	Erosion repairs and permanent grading.
#18	10/13/10	10/15/10	7	Potrero Grande Contractor Yard
#19	10/29/10	11/12/10	4, 5, 10	Avenue F Contractor Yard
#20	10/08/10	11/30/10	10	Segment 10 Telecom
#20 Mod	04/19/11	05/06/11	10 Telecom	Changes to telecom route. ITP/BO acreage confirmation pending
#20 Mod	06/17/11	06/24/11	10 Telecom	Additional trenching and vault placement along Oak Creek Road
#21	11/18/10	12/09/10	6 & 11	Vincent North Material Yard
#21 Mod	06/10/11	06/24/11	Vincent North MY	Telephone and IT installation at Vincent North Material Yard
Final Engineering	04/06/15	07/07/15	Vincent North MY	Retain improvements within Yard.
#22	11/18/10	12/09/10	6 & 11	Vincent South Material Yard
CPUC Addendum	11/22/10	12/14/10	Vincent Substation	Section of road widening and riprap extension for the Vincent Substation expansion
#23	12/22/10	01/11/11	6 & 11	Material Yard 75
#24	11/10/10	01/13/11	8	Segment 8 West, Phase 4 Transmission Line
#24 Mod	06/15/11	06/20/11	8	Access road to M3-T3A and M48-T1, Segment 8 Phase 4
#24 Mod	11/14/11	11/17/11	8	Lower 66 kV line at I-605 shoofly
#24 Mod	11/30/11	12/15/11	8	Shift in M52-T2 structure location and associated extra work space and access roads

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#24 Mod	03/20/12	04/16/12	8	Segment 8, Phase 4 Access road and structure additions and modifications.
#24 Mod	04/03/12	04/24/12	8	Access roads on Rose Hills and Sanitation District roads.
#24 Mod	04/11/12	04/24/12	8	Permanent access road to M49-T1 and M2-T4a
#24 Mod	05/22/12	06/05/12	8	Curve widening along access roads between M49-T2 and M51-T5.
Final Engineering	11/28/12	12/06/12	8	Final Engineering for permanent access road leading to M49-T2.
Final Engineering	03/05/13	05/07/13	8	M43-T3/M8-T1A access road.
Final Engineering	02/11/13 Additional information submitted 05/28/13	06/05/13	8	Two Phase 4 turnout expansions.
Final Engineering	05/16/13	06/11/13	8	Access road at M44-T3/M7-T2B.
Final Engineering	01/17/14	Partial approval 01/30/15	7 & 8	USACE give back roads.
Final Engineering	04/15/14	05/14/14	8	Changes to grading and contractor work limits at M43-T3.
Final Engineering	09/02/15	10/14/15	8	Erosion repairs, access roads, and permanent grading.
Final Engineering	10/02/15	11/03/15	8	USACE give back area.
Final Engineering	12/24/15	Under Review	8	Erosion repairs at M43-T3.
#25	11/19/10	01/13/11	8	Fullerton (1) and Tonner Canyon (2) Contractor Yards. USFWS/CDFG survey requirements for Tonner Canyon required. Only Fullerton CY approved under NTP #25.
#26	06/22/10	01/14/11	9	Whirlwind Substation
#27	01/03/11	03/08/11	10	Segment 10 Transmission Line
#27 Mod	10/13/11	10/21/11	10	Relocation of Tower 39, in line shift
#27 Mod	11/01/11	11/10/11	10	Additional guard pole and turning radii locations
#27 Mod	11/14/11	11/21/11	10	Modify road near CT 25
CPUC Addendum	03/01/11	03/17/11	9	Bridge construction to access Whirlwind Substation
#28	04/22/11	05/06/11	6, 11	Construction Yard 58
#29	05/06/11	05/13/11	6, 11	San Gabriel Yard
#30	05/16/11	06/07/11	4, 5	Modifications to the Midway Vincent #3 T/L



NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#31	06/24/11	06/30/11	11A	Segment 11A Transmission Line Goodrich to Mesa (off ANF)
#32	09/12/11 09/14/11 10/13/11	11/09/11	6A	Construction of Towers 1-35 on private (non-ANF) lands
#32 Mod	01/18/12	02/08/12	6A	Additional work areas outside of ANF lands
Final Engineering	08/28/12	09/11/12	6A	Rev 4 engineering changes, non-ANF.
Final Engineering	02/21/13	03/29/13	6A	Gate replacement/installation.
Final Engineering	05/05/14	05/14/14	6A	Gate replacement/installation.
#33	12/02/11	01/13/12	6B	Construction of Towers 35-72 on private (non-ANF) lands
#34	01/24/12	02/13/12	11D	Gould and Goodrich Substations
#35	01/26/12	05/16/12	6C	Construction of Towers 72-113 on private (non-ANF) lands
Final Engineering	07/15/13	08/05/13	6C	Modifications to grading area near Tower 113 off ANF lands.
Final Engineering	04/08/14	04/11/14	6C	McCarthy drain near Const 113.
Final Engineering	07/30/14	08/12/14	6C	Additional McCarthy drain installation near Const 113.
#36	07/25/12	07/30/12	8	Geotechnical investigations in Chino Hills.
#37	07/20/12 revised 01/09/13	04/25/13	11B	Construction of Segment 11B, Gould to Goodrich (off ANF). Pending FAA concurrence.
#38	08/01/13	8/23/13 (revised)	8	Chino Hills Underground: removal of existing towers and foundations.
#39	08/14/13	10/10/13	11C	Construction of Segment 11C between Vincent and Gould Substations.
Final Engineering	01/07/14	03/21/14	11C	Engineering Changes at M0-T1, CT 2 and 5.
	10/16/13	Comments to SCE 10/29/13 & 11/01/13	8	Chino Hills Underground: underground conduit installation. <i>This NTP request is being replaced (see below).</i>
#40	04/15/14	05/30/14	8	Chino Hills Underground: vegetation clearing and temporary fence installation.
#41	06/02/14	09/19/14 (Revision 2)	8	Chino Hills Underground: conduit installation. Additional maps provided 10/25/14 for vault engineering changes.
Final Engineering	05/20/15	06/02/15	8	New underground telecom duct bank.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#42	11/17/14	02/10/15 (Revision 1)	8	Eastern and Western Transition Station construction, Chino Hills.
Final Engineering	03/05/15	03/25/15	8	Telecom and distribution connections to Transition Stations.
Final Engineering	03/08/15	05/22/15	8	Equipment upgrades at Mira Loma Substation.
Yards (NTPs 1, 6, 9, 12, 18, 19, 23, & 29)	07/17/15	12/15/15	All	Retain improvements at ten TRTP material and contractor yards (Rodeo North, Racetrack, Avenue F, Yard 28, Yard 75 South, San Gabriel, Huntington Drive, Potrero Grande, Strawberry Field, and Mesa). The request does not include yards being used for 500 kV underground work.
ANF PERMITTING – Segment 1, 6 & 11				
	11/29/07	12/14/07	1	Radio Repeater – installation of a temporary radio repeater site on Sierra Pelona Ridge to provide communication during construction activities tied to the project. Improvement installation began Jan. 11
	09/27/07	12/14/07	1	Geotechnical testing – 23 geotechnical borings are authorized on National Forest lands to provide additional information that will be used in the design of the transmission towers. Notice to proceed was signed Jan 31 to begin work the week of Feb. 3
		07/14/08	1	Removal of the 66 kV conductor within the ANF, from Tower 7-3 (near southern Forest boundary) to 16-3 (near Bouquet Reservoir) Phase I
		09/23/08	1	Removal of the 66 kV conductor within the ANF, Phase II
		10/23/08	1	Construction of the 500 kV transmission line and wreck-out of the 66 kV towers in the ANF, Section 2
SUP		09/21/11	6	Construction of Segment 6 towers
NTP		11/07/11	6A	Authorization to start construction of Towers CT1-CT35
NTP		01/11/12	6B	Authorization to start construction of Towers CT35-CT72
NTP		05/14/12	6C	Authorization to start construction of Towers CT73-CT113.
NTP		04/23/13	11B	Authorization to start construction of Segment 11B.
NTP	07/29/13	08/22/13	8	Removal of towers and foundations from Chino Hills Underground alignment.
Change Request #1	01/05/12	01/09/12	6	Radio repeater station locations allowed under SUP
Change Request #2	01/20/12	01/31/12	6	Use of Turnaround, water tank, and Rincon Red Truck Trail
Change Request #3	01/12/12	01/31/12	6	Engineering changes to reduce soil cut volume and minimize stockpile locations
Change Request #4	02/12/12	05/11/12	6	Engineering changes to 6C
Change Request #5	02/23/12	02/23/12	6	Redbox 16 kV Shoofly near Tower 71

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
Change Request #6	02/27/12	02/29/12	6	Extension to complete wire removal work within Arroyo toad restriction area up to March 3
Change Request #7	03/16/12	03/16/12	6	Barley Flats Repeater
Change Request #8	05/10/12	Additional information requested 06/01/12	6, 11	Modification of Construction Work Plan to describe Helicopter Assembly Yard (HAY) development activities.
Change Request #9	06/08/12	06/22/12	6, 11	AQ-1d Use of wire pullers with pre 2006 engines
Change Request #10	08/02/12	09/06/12	6	Temporary Work areas for guy wire staking.
Change Request #11	08/14/12	09/04/12	6	Civil engineering changes to Segment 6B.
Change Request #12	08/22/12	Denied	6	Helicopter removal of 4 wreck-out towers in 6B.
Change Request #13	08/22/12	09/04/12	6	Additional work space at Construct 35.
Change Request #14	08/23/12	09/10/12	6	Additional work spaces in Segment 6A.
Change Request #15	08/29/12	11/15/12	6, 11	Addition of repeater to Mount Sally.
Change Request #16	09/08/12	09/17/12	6, 11	BMP maintenance in arroyo toad areas during restricted season.
Change Request #17	09/10/12	01/25/13	6	Foot trail and landing zone changes.
Change Request #18	09/11/12	09/20/12	6, 11	Use of pullouts along Big Tujunga for water tank storage.
Change Request #19	09/16/12	09/18/12	6	Using soil from off ANF (near Tower 5) at Construct 8.
Change Request #20	11/19/12	01/26/13	6	Installation of McCarthy drain at Construct 44.
Change Request #21	11/19/12	01/26/13	6	Installation of McCarthy drain at 59B.
Change Request #22	11/30/12	01/26/13	6	Installation of McCarthy drain at 192.
Change Request #23	12/03/12	05/21/13	6	Temporary work area at M31-T2.
Level 2 Change Request #24	11/30/12	01/08/13	6, 11	Allow overnight storage of jet fuel at Chilao Summit Helicopter Assembly Yard.
Change Request #25	12/18/12	01/26/13	6	Installation of a pipe gate at Gold Queen Mine near Tower 29.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
Change Request #26	01/04/13	01/26/13	6	Repair of access road using Hilfiker wall near Tower 78.
Change Request #27	01/19/13	01/26/13	6	Removal of rock on Alder Creek Road.
Change Request #28	02/04/13	02/14/13	6	Arroyo toad work completion.
Change Request #29	02/26/13	05/21/13	6	Trail landing zone 91.
Change Request #30	02/11/13	05/21/13	6	Placement of cut vegetation along access roads.
Change Request #31	03/19/13	05/21/13	6	Installation of gates on access roads to Mill Creek, and Constructs 68-70.
Change Request #32	04/29/13	06/11/13	6	Installation of a double McCarthy drain near Construct 79, Segment 6C.
Change Request #33	05/20/13	06/28/13	6	Removal of telecom wire removal near Tower 95, Segment 6C.
Change Request #34	08/14/13	08/14/13	6	Sunday work at Cogswell HAY during August and September 2013.
Change Request #35	08/28/13	No longer needed	11	Installation of radio repeater at Mt. Vetter.
Change Request #36	10/15/13	12/04/13	6, 11	Leveling of high/low spots in HAYs located on the ANF to reduce the amount of wood blocking used for tower assembly.
Change Request #37	12/10/13	01/15/14	11	Additional McCarthy drain at Construct 6.
Change Request #38	12/25/13	07/24/14	11	Engineering changes near towers 9X, 14, 23, and 25.
Change Request #39	11/21/13	01/29/14	11	Change from Conventional ground based tower removal to Helicopter based removal of 10 wreck-out towers on the ANF.
Change Request #40	02/05/14	06/24/14	11	Approval to use Stringing equipment with pre-2006 engines and blanket approval for use of this type of equipment.
Change Request #41	02/13/14	06/11/14	11	Use of a road/turnaround near Construct 18.
Change Request #42	06/19/14	07/30/14	6	Use of fill from Littlerock quarry for import to Tower 60.
Change Request #43	06/19/14	Denied 07/30/14	6	Use of fill from pull site 5/6 for import to Tower 60.
Change Request #44	08/15/14	10/02/14	11C	Additional Wire Area for Wire Stringing at Construct 31.
Change Request #45	09/05/14	10/02/14	6C	Additional McCarthy drain at Civil ID 324 near Construct 74.

## VARIANCE & MINOR TEMPORARY WORK CHANGE REQUESTS

Variance and Minor Temporary Work Change requests submitted to date are summarized in Table 2.

**TABLE 2**  
**VARIANCE REQUESTS**  
 (Updated 03/01/16)

Variance Request	Date Requested	Date Issued	Segment	Description
<i>For Variance Request activity on Segments 1-3 prior to 2010, please see Table 2 in Weekly Reports 106, 107.</i>				
Variance Requests, Segments 1-3				
VR #66	01/11/10	01/19/10	1	Modify the requirements of Mitigation Measure B-1a (Provide Restoration/Compensation for Impacts to Native Vegetation Communities) to fulfill a request from the property owner
VR #67	01/15/10	01/19/10	3A	Modify requirements of Mitigation Measure B-27b and APMs BIO-2 and BIO-7 to preserve cut Joshua trees onsite instead of off-site disposal to the extent possible for habitat creation purposes
VR #68	04/09/10	04/12/10	1	Release restoration requirements on road to wreck-out Tower 20-4 in Section 3
VR #69	05/04/10	05/07/10	1	Contractor Yards surrounding Antelope Substation
VR #69 MOD	07/29/10	08/02/10	1	Additional space for storage at Antelope Substation for material being delivered for Antelope, Vincent and Whirlwind substations
VR #70	06/02/10	06/04/10	1	Additional disturbance areas adjacent to the pole erections for the 220 kV Sagebrush relocation work around the Antelope Substation
VR #71	06/22/10	06/23/10	1	Change in construction work hours for work on the Sagebrush 220 kV transmission line
VR #71 MOD #1	06/24/10	06/25/10	1	Expansion of construction hours for Sagebrush 220 kV T/L and foundation installation work at Antelope Substation
VR #71 MOD #2	07/08/10	07/09/10	1	Further expansion of construction hours for Antelope Substation construction
VR #71 MOD #3	11/18/10	11/19/10	1	Further expansion of construction hours for Antelope Substation construction
VR #72	02/07/12 Revised 06/06/12	08/08/12	1	Exemption of restoration requirements in areas where livestock grazing has occurred.
VR #73	03/07/14	03/24/14	3B	Increase gradient mat work areas @ 2 locations.
#74	07/30/14	08/29/14	1	Exemption of restoration requirements for selected locations of Segment 1.
Variance Requests, Segments 4-11				
VR #1	03/25/10	03/26/10	9-Vincent	Expand grading area of Vincent substation by 15 feet for temporary turnaround areas for equipment
VR #2	05/25/10	05/27/10	7	Relocation of helicopter landing zone for Segment 7 telecommunications work

Variance Request	Date Requested	Date Issued	Segment	Description
VR #3	06/08/10	06/10/10	7	Clarification of Segment 7 Telecom construction operating hours and to work the weekend dates of June 12, 13, 19, and 20, within the City of Irwindale
VR #4	08/11/10	08/13/10	9-Vincent	Utilize a fire hydrant along an unpaved spur road and also place two 10,000-gallon elevated water storage tanks adjacent to the hydrant
VR #5	08/20/10	08/20/10	7	Night work for Segment 7 Telecom
VR #6	08/26/10	08/26/10	8	Work on weekends for Segment 8 Telecom
VR #7	09/10/10	09/16/10	8	New wire setup and pull sites for Segment 8 Phase 1
VR#8	09/16/10	09/16/10	8	Clarification of construction hours for Segment 8 Phase 1
VR #9	09/14/10	09/20/10	Yard 28 & Rancho Vista Yard	Hotwork (welding and cutting) at Yard 28 and Rancho Vista Yard
Verbal	10/08/10	10/08/10	8, Phases 2 & 3	Wire sites for construction on Sunday, October 10
VR #10	10/08/10	10/13/10	8	Additional Phase 2 & 3 wire sites
VR #11	10/01/10	10/15/10	8	Relief from focused biological survey requirements because of restricted property access, Phase I
VR #12	10/06/10	10/15/10	8	Additional Phase I wire sites
VR #13	11/09/10	11/17/10	5	Additional wire stringing sites
VR #14	11/17/10	11/19/10	8	Additional Shoofly pole in Tonner Canyon, Segment 8, Phase 1
VR #15	11/18/10	11/19/10	5	Additional guard poles between Highway 14 and Sierra Highway
VR #16	11/12/10	11/19/10	5	Realign an existing access road at the southeastern corner of the Vincent Substation 500 kV expansion area to allow for the construction of the Segment 5 T/L
VR #17	Revised 11/17/10	11/22/10	8	Additional 66 kV material storage near Rio Hondo and Chino Substations
VR #18	11/24/10	12/01/10	5	Continue use of two existing access roads that are approved under a TEWS
VR #19	Revised 11/23/10	12/01/10	5	Additional wire stringing sites
VR #20	11/30/10	12/02/10	8	Revised alignment of an access road for safer access to tower sites
VR #21	12/03/10	12/03/10	7/8	Remove fabric on chain-link fence surrounding Mesa MY because of graffiti
VR#22	11/22/10	12/07/10	7	Additional wire stringing sites
VR #23	12/03/10	12/09/10	7	Ten additional access roads
VR #24	12/17/10	12/20/10	8	Use of an existing concrete parking area/pad in Tonner Canyon as a helicopter landing zone and equipment staging and parking area, Segment 8, Phase I



Variance Request	Date Requested	Date Issued	Segment	Description
VR #25	12/17/10	12/20/10	8	Revision to the Structure Work Area for Tower M73-T2, Segment 8, East (Phase III)
VR #26	01/06/11	01/06/11	7	Revised disturbance areas in Montebello Hills
VR #27	01/12/11	01/13/11	7	Relocation of interset tower M54-T3a
VR #28	01/14/11	01/19/11	Yard	Grading at Vincent South Material Yard
VR #29	01/14/11	01/19/11	Yard	Additional parking areas at Rodeo North and South Contractor Yards
VR #30	01/28/11	01/28/11	Yard	Grading at Vincent North Material Yard
VR #31	02/04/11	02/04/11	7, 8	Revised 66 kV underground alignment along Edison Avenue in the City of Chino
VR #32	02/04/11	02/07/11	Whirlwind	Temporary offsite equipment loading/unloading and parking area
VR #33	02/08/11	02/10/11	8	Access route to Tower M0-T6
VR #34		02/11/11	Whirlwind	Temporary concrete slab within work area (VR #32)
#35	02/14/11	02/14/11	8	Access to additional wire setup sites between Oaks Avenue and Tower M46-T7b
#36	02/14/11	02/15/11	10 Telecom	Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road
#37	02/19/11	02/24/11	6	Modification to Yard 75 boundaries
#38	02/23/11	02/25/11	8	Expansion of wire site for Phase 4 work
#39	03/01/11	03/03/11	All Yards	Replace fence fabric screening with slats for safety reasons during high wind events
#40	03/02/11	03/03/11	5	Additional access road to Construct 29
#41	03/04/11	03/08/11	5	Additional access road improvements
#42	03/04/11	03/08/11	4	Additional access road improvements
#43	03/03/11	03/10/11	8	Additional access to Tower M2-T2
#44	03/16/11	03/18/11	8	Tower M2-T5 and access road shift within SCE ROW
#45	03/22/11	03/25/11	5	Soil Stockpile areas at three locations
#46	03/25/11	04/04/11	7	Temporary disturbance areas for underground disturbance, 66 kV
#47	04/05/11	04/06/11	8	Wire Setup Sites for Tower M2-T2
#48	04/06/11	04/08/11	5,8	Start of construction prior to Los Angeles County Public Works grading permit issuance
#49	04/06/11	04/08/11	8	Extended work hours on Segment 8, Phase 2
#50	04/05/11	04/13/11	8	Turnouts along Sanome Mountain Way
#51	03/29/11	04/13/11	8	Water bar repair and construction
#52	04/11/11	04/14/11	7	Additional access to Intersect M54-T3A
#53	04/05/11	04/15/11	5, 8	Permission to build slope stabilization Towers prior to L.A. County Public Works Permit
#54	04/14/11	04/18/11	5	Soil stockpile area near Tower 27

Variance Request	Date Requested	Date Issued	Segment	Description
#55	04/12/11	04/20/11	4	Relocate two towers and associated access roads and disturbance areas within ROW
#56	04/13/11	04/20/11	Yards	Installation of temporary power poles to provide power to Vincent North and Vincent South Material Yards
#57	04/07/11	04/25/11	7	Additional improvements to Van Tassel Motorway
#58	05/02/11	05/05/11	8	Tower M48-T4 access road
#59	05/06/11	05/09/11	8	Segment 8 Phase 1, M49-T1 and M59-T2 additional parking, staging and turn-around areas
#60	04/25/11	05/13/11	7	Wire Setup Site expansions
#60 Mod	04/25/11	06/06/11	7	Additional Wire Setup Site 7.1a
#61	05/11/11	05/13/11	5	Additional access off Godde Hill Road
#62	05/12/11	05/18/11	7	Soil stockpile area near M27-T3
#63	05/19/11	05/23/11	8	Change to previously approved access road at M61-T1, Segment 8 Phase 1
#64	05/23/11	06/06/11	8	Extra work space to accommodate wire tagging areas
#65	05/25/11	06/06/11	8	Extra parking, staging and turnaround at Tower M48-T3
#66	05/26/11	06/06/11	5	Elizabeth Lake access road
#67	05/27/11	06/06/11	8	Additional workspace near M23-T2A in Segment 8 Phase 1
#68	05/10/11 Revised 06/14/11	06/24/11	All	Allow continued use of approved TEWS access roads if nesting birds subsequently move in
#69	06/14/11	CPUC Review	All	Variance to MM AQ-1d
#70	06/14/11	06/30/11	5	Change in pulling site locations at CT 22, 43, 51a & 57
#71	06/27/11	07/06/11	8	Extra workspace at M57-T2 and M57-T3
#72	07/01/11	07/08/11	8	Additional workspace at the I-605 Shoofly area
#73	06/01/11	07/08/11	10	Shift in Tower 43 Wire Setup Site. Additional information provided 07/07.
#74	07/22/11	07/28/11	11A	Modification of guard pole sites along Segment 11A
#75	07/25/11	08/03/11	11A	Equipment AQ-1d compliance
#76	07/18/11 Revised 07/25/11	08/03/11	5	Relocation of a Wire Stringing Site near Tower 34. Inquiry sent 07/27
#77	07/27/11	08/03/11	4	Two additional Wire Stringing Sites near Towers 35 and 51. Inquiry sent 08/01
#78	08/03/11	08/04/11	8	Relief from focused biological survey requirements because of restricted property access, Phase I. CDFG approval provided
#79	08/06/11	08/11/11	4	Guard pole site near Tower 52
#80	08/10/11	08/12/11	10	Roadway reclassification and modifications near Tower 83

Variance Request	Date Requested	Date Issued	Segment	Description
#81	08/12/11	08/18/11	10	Roadway reclassification and modifications near Towers 48 and 49.
#82	08/18/11	08/30/11	4	Wire setup site (WSS) relocations and new WSS and overland travel routes. Inquiry sent 08/22; response submitted 08/26
#83	07/26/11	08/30/11	8	MA1-T2 and MA1-T4 access road
#84	08/30/11	09/01/11	8	M54-T1 and M54-T2 Access road and staging area
#85	07/15/11	09/12/11	8	Additional guard structure sites at Fullerton Road and WSS at M51-T2, M51-T3, M50-T1, M45-T4 and M6-T2. Gnatcatcher acreages pending.
#86	09/02/11	09/12/11	4	Two guard pole sites
#87	09/09/11	09/12/11	10	Use of existing roads between 90th Street west and Tower 6
#88	09/15/11	09/20/11	4, 5 & 10	Allow for the use of six water trucks that don't meet the requirements of MM AQ-1d
#89	09/15/11	09/22/11	10	Increased turning radii @ CT 67 & 68 and road improvement at CT 74
#90	09/26/11	10/03/11	5	Extra work space for CT 30
#91	09/28/11	10/03/11	5	Addition of mats @ CT 45
#92	10/01/11	10/03/11	4	Segment 4 access road use near Tower 31
#93	09/30/11	10/05/11	5	Additional Disturbance area near Tower 55A
#94	09/28/11	10/12/11	8	Widen the curve of an access road leading to Structure M56-T4
#95	09/30/11	10/12/11	5	Additional disturbance areas at Towers 19, 22, and 25
#96	10/12/11	10/17/11	8	Guard structure site and access road to Structure MA1-T3
#97	10/06/11	10/21/11	8	Telecom wire sites at Rose Hills
#98	10/22/11	11/04/11	4	Additional turning radii and road reclassification associated with Tower M73-T3AX
#99	10/20/11	11/01/11	8	Extra Workspace for topsoil salvage at M56-T3
#100	09/28/11	11/04/11	8	Twenty-four staging and turnaround areas
#100 MOD	09/05/14	09/17/14	8	Addition of helicopter landing at pre-approved sites.
#100 MOD	11/26/14	12/02/14	8	Additional temporary road widening to access WSS.
#100 MOD	12/09/14	01/13/15	8	Use of approved staging area as helicopter landing zone near Tower M49-T4.
#101	11/02/11	11/04/11	5	Additional work space at CT 30, 51a and 61
#102	11/02/11	11/09/11	5	Extra Workspace near Tower 18
#103	11/04/11	11/09/11	5	Additional guard pole sites
#104	11/02/11	11/09/11	8	Use of 605 Shoofly as Contractor Yard
#105	11/06/11	11/14/11	5	Additional workspace at CT 6, 28B, 44, 68 and M113-T3
#106	11/09/11 & 11/10/11	11/17/11	5	Additional workspace and roadways at CT30

Variance Request	Date Requested	Date Issued	Segment	Description
#107	11/16/11	11/18/11	8	Use of Contractor yard previously approved as TEWS, in Chino
#108	11/18/11	11/22/11	5	Extra work space near CT 50, 51a, and 55
#109	12/22/11	01/04/12	4	Additional wire stringing site outside of Antelope Substation
#110	01/13/12	01/10/12	8	Widen road near M55-T2 and M56-T1 in Phase 1
#111	01/11/12	01/17/12	5	Additional vehicle parking and equipment staging near Tower 25
#112	01/12/12	01/17/12	8	Permanent removal of the fabric screening surrounding the Mira Loma Contractor yard
#113	01/11/12	01/27/12	7	Addition of structure work areas in Montebello Hills
#114	01/24/12	02/03/12	5	Additional disturbance areas at Tower 86
#115	02/07/12	02/09/12	7	Expansion of Wire Sites and Guard Pole Structures
#116	01/27/12	03/01/12	8	Additional guard pole sites at M64-T4 and M64-T5
#117	02/24/12	03/01/12	7	Wire setup site expansions near Structures M33-T1 and M41-T4
#118	03/05/12	03/07/12	7	Access road near M42-T6 & WSS 7.75
#119	03/01/12	03/13/12	7	Snub site between M32-T3 and M32-T4
#120	03/02/12	03/15/12	6, Vincent Yard	Access for pedestrian gate at Vincent North Yard
#121	03/16/12	03/20/12	5	Additional work area near Tower 19
#122	02/22/12	03/30/12	8	Running Branch Road staging area
#123	03/27/12	03/30/12	7	Additional parking areas at M39-T1 through M39-T3.
#124	03/26/12	03/30/12	5	Additional disturbance areas near M18-T5.
#125	03/27/12	04/06/12	6, Vincent Yard	Additional power and associated disturbance areas needed at Vincent yards.
#126	04/17/12	04/20/12	7	Additional area for WSS 7.15 on Segment 7
#127	04/04/12	04/23/12	8	Use of existing roads in Rose Hills & Sanitations District.
	03/30/12	Rescinded	6A	Corral relocation near Tower 12.
#128	05/03/12	05/14/12	7	Changes to wire sites and access roads between M30-T1 and M29-T3.
#129	05/01/12	Denied 05/16/12	8	Relief from focused biological survey requirements because of restricted property access, Rose Hills, Phase 4.
#130	06/05/12	06/12/12	6	Use of additional access road near Towers 11 and 12.
#131	06/03/12	06/06/12	6	Placement of 2 generators and additional road use in Aliso Canyon to provide power during distribution line outage.
#132	06/20/12	07/22/12	8	Curve widening along existing access roads, modified wire set up site and access, at structures M45-T4/M6-T2 and M45-T5 in Segment 8 Phase 4.

Variance Request	Date Requested	Date Issued	Segment	Description
#133	07/18/12	08/07/12	6A and 6C off ANF	Guy wire staking outside of disturbance areas to provide stability of suspended loads.
#134	08/24/12	08/29/12	8	Landfill access to tower M45-T1.
#135	08/22/12	09/12/12	8	Construct M45-T5 access road curve widening and pull-outs.
#136	09/25/12	10/04/12	7	Extra work space and drainage crossing at Construct M31-T2.
#137	11/02/12	11/06/12	7	Additional work area for Tower M38-T4.
#138	10/29/12	11/20/12	6, 11	Expansion of Vincent South Material yard.
#139	01/09/13	01/11/13	5	Road Change designation from minimum to medium improvement near Tower 54.
#140	12/10/12	02/07/13	7	Additional wire sites and access road additions.
#141	01/30/13	02/13/13	66 kV	Access to Pole 1723533 along Durfee Avenue.
#142	02/11/13 Additional information submitted 05/28/13	06/05/13	8	Additional work areas and access roads, Segment 8 Phases 1 and 4.
#143	05/23/13	06/05/13	8	Additional access roads, guard poles, and distribution clearances in Phase III.
#144	07/17/13	08/07/13	11B	Pedestrian access to distribution line via trails.
#145	08/15/13	08/23/13	8	Extra work space near Tower M57-T2 in Tonner Canyon.
#146	09/09/13	09/26/13	8	Use of two pull-outs for parking equipment near Towers M44-T3 and M43-T3.
#147	10/09/13	10/17/13	6A	Use of existing access roads for equipment staging.
#148	10/26/13	11/07/13	8	Additional parking areas near M57-T1 in Tonner Canyon.
#149	02/22/12 resubmitted 09/27/13	11/12/13	8	Extra work space @ Tower M60-T1.
#150	11/20/13	12/11/13	11C	Additional work areas near Tower 5.
#151	03/27/14	04/03/14	8	Temporary use of existing access road to M7-T1.
#152	03/31/14	04/09/14	7	Additional extra work space for wire setup near M30-T2 and WSS 713.
#153	04/07/14	04/09/14	8	Additional space for wire stringing in Rose Hills Cemetery.
#154	04/07/14	04/11/14	8	Additional space for wire stringing near Tower M55-T1.
#155	06/03/14	06/20/14	11C	Use of additional spur roads and pull outs.
#156	06/17/14	07/17/14	8	Additional wire set up site east of M53-T3.
#157	06/27/14	07/17/14	8	Additional wire set up site near WSS 8-4.22.

Variance Request	Date Requested	Date Issued	Segment	Description
#158	07/01/14	07/17/14	8	Use of alternative access road to M70-T3/T4; currently approved under TEWS.
#159	07/31/14	08/15/14	7	Guard structure at Tower M35-T4.
#160	08/04/13	08/05/14	7	Additional wire stringing site at Tower M36-T2.
#161	08/14/14	08/29/14	7	Expansion of a guard structure location north of the 60 freeway.
#162	08/20/14	08/29/14	7	Additional wire stringing site near Tower M37-T3.
#163	10/02/14	10/02/14	7	Additional guard pole sites near M40-T5.
#164	09/02/14	10/10/14	8	Helicopter Landing Zone near Tower M69-T2.
#165	11/06/14	11/12/14	7	Additional guard pole site near Mesa Substation.
#166	10/31/14	11/18/14	8	Temporary area for water tanks in two locations for 500 kV Underground.
#167	02/06/15	02/20/15	8	Temporary water pipeline for 500 kV Underground.
Minor Temporary Work Changes, Segments 4-11				
#1	10/09/15	10/27/15	8	Additional Wire Set Up Sites east of the 71 Freeway.
#2	11/23/15	11/24/15	8	Wire Setup Sites, Distribution Pole Work Area, and Access Road near Structure M57-T2.
#3	12/07/15	12/15/15	8	Additional wire setup site (WSS) north of Structure M65-T3 in Segment 8 T/L Phase I.
#4	12/24/15	1/05/16	8	Installation of temporary waterline along Cork Ave.
#5	02/10/16	02/16/16	8	Foot traffic access to removed foundation at 66 kV wreck-out tower near 42-2.

## TEMPORARY EXTRA WORKSPACE REQUESTS

Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Table 3.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 03/01/16)

TEWS Request	Date Requested	Date Approved	Segment	Description
TEWS, Segments 1-3				
<i>For TEWS activity on Segments 1-3 prior to 2010, please see Table 3 in Weekly Reports 106, 107.</i>				
TEWS, Segments 4-11				
#1	09/30/10	09/30/10	7	Re-phasing work at a tower not previously identified on Rio Hondo–Amador-Jose-Mesa 66 kV
#2	10/08/10	10/08/10	4	Park a boom truck on LADWP access road during the outage
#3	10/12/10	10/12/10	8	Use a wire setup site not previously identified on Chino–Mira Loma No. 1



TEWS Request	Date Requested	Date Approved	Segment	Description
#4	10/20/10	10/20/10	5	Extra space from wire truck parking near Vincent Substation
#5	10/21/10	10/21/10	7	Use a site not previously identified for staging of equipment and materials at Tower M54-T3a
#6	11/01/10	11/01/10	5	Use of an existing SCE access road
#7	11/01/10	11/03/10	5	Use of an existing road (Parkwood Drive)
#8	11/02/10	11/02/10	8	Use a site not previously identified for vehicle parking and as a helicopter landing zone
#9	11/30/10	12/01/10	5	Use 8 existing spur roads as extra parking and turnaround areas
#10	12/02/10	12/02/10	7	Additional access road for on Rio Hondo–Anita No. 2 66 kV
#11	12/08/10	12/08/10	5	Use an existing spur road near Tower 29, north of Elizabeth Lake Road
#12	12/09/10	12/09/10	7	Additional access road near Towers M41-T1 through M41-T3
#13	12/14/10	12/14/10	8	Access road to Tower M0-T6
#14	01/10/11	01/10/11	8	Access road to Tower M2-T5
#15	01/11/11	01/11/11	8	Additional parking area in Tonner Canyon
#16	01/17/11	01/17/11	5	Additional parking and turnaround area near Tower 54
#17	01/18/11	01/18/11	7	Use of a dirt road for access to M41-T4 wire sites
#18	02/04/11	02/04/11	7	Additional access road to Tower M54-T3a
#19	02/11/11	02/11/11	5	Extension for use of mudpit road north of Elizabeth Lake Road
#20	02/15/11	02/25/11	7	Crane parking on Brookridge Road in the City of Duarte
#21	03/02/11	03/02/11	8	Additional parking within Tonner Canyon adjacent to M57-T1
#22	03/03/11	03/03/11	8	Additional parking within Tonner Canyon adjacent to M57-T3
#23	03/03/11	03/03/11	7	Additional parking for a crane along Greenbank and Brookridge Roads in the City of Duarte
#24	03/25/11	03/25/11	8	Additional space within Chino Sub for wire stringing
#25	03/31/11	03/31/11	5	Additional parking on SCE roads near Tower 50
#26	04/11/11	04/11/11	8	Additional access within Pathfinder Park to Tower M9-T1B
#27	04/12/11	04/14/11	8	Mid-span access between M3-T5 and M4-T1 to install sleeves.
#28	04/07/11	04/07/11	5	Additional parking/staging area adjacent to Tower 54; original TEWS had expired
#29	04/07/11	04/07/11	5	Use of private dirt road so that Woodward Brothers could remove their drill; cannot cross Amargosa Creek due to flow

TEWS Request	Date Requested	Date Approved	Segment	Description
#30	05/22/11	05/26/11	5	Mat placement to protect drainage pipes along access road at Parkwood Drive
#31	06/08/11	06/09/11	8	Additional access at the 605 Shoofly
#32	05/23/11	06/06/11	5	Use of spur road near Tower 26
#33	06/07/11	06/09/11	5	Extended original TEWS for spur road near Tower 54
#34	06/13/11	06/14/11	11	Additional parking outside of San Gabriel Yard
#35	06/28/11	06/28/11	5	Additional staging near Tower 44
#36	07/08/11	07/11/11	5	Additional staging area near Tower 51
#37	07/20/11	07/20/11	8	Additional access at Rooks Road
#38	07/20/11	07/20/11	8	Additional stage area at M60-T1
#39	07/27/11	07/27/11	8	Additional staging and turnaround between M54-T1 and M54-T2
#40	08/01/11	08/01/11	5	Use of spur road for additional parking and staging near Tower 52.
#41	08/08/11	08/12/11	5	Use of disturbed area for parking and equipment staging near Tower 30.
#42	08/10/11	08/10/11	8	New access to Tower MA1-T3
#43	08/12/11	08/12/11	8	Additional guard pole site on Fullerton Road
#44	08/12/11	08/12/11	11	Extra space at guard pole site on Del Mar Avenue
#45	08/12/11	08/12/11	8	Access to distribution poles along Archibald Avenue
#46	08/08/11	08/12/11	5	Use of disturbed area for parking and staging of equipment and vehicles.
#47	08/18/11	08/18/11	8	Additional parking at M64-T4
#48	08/19/11	08/19/11	11	Overland access to Tower M14-6
#49	10/13/11	10/13/11	8	Contractor yard, turning area and staging for 66 kV underground work in Ayala Park.
#50	11/07/11	11/14/11	5	Use of three existing spur roads for additional parking near Tower 68
#51	11/22/11	11/22/11	8	Use of an existing, paved road for additional access on Segment 8, Phase 3.
#52	12/29/11	12/29/11	8	Additional access roads within Rose Hills cemetery.
#53	01/04/11	01/04/11	7	Additional parking and staging area within Legg Lake.
#54	01/11/12	01/18/12	5	Additional parking and staging area near CT 48.
#55	01/18/12	01/18/12	5	Additional parking and staging area near CT 56.
#56	01/23/12	01/27/12	5	Additional parking and staging area near CT 42.
#57	01/30/12	01/30/12	8	Additional parking and staging area on Running Branch Road near M55-T1.
#58	01/30/12	01/30/12	8	Additional access road within Tonner Canyon.
#59	02/02/12	02/03/12	8	Additional parking and staging off of Frame Avenue.
#60	02/10/12	02/16/12	7	Extension of a wire setup site on Segment 7

TEWS Request	Date Requested	Date Approved	Segment	Description
#61	02/22/12	02/22/12	7	Road to access a wire setup site on Segment 7
#62	02/27/12	02/27/12	11	Access road at Goodrich substation.
#63	02/29/12	02/29/12	5	Access road to tower M18-5
#64	10/07/12	10/10/12	5	Edison Rd SE of Godde Hill RD.
#65	10/08/12	10/10/12	5	Distribution access road off of guard pole access road south of Godde Hill
#66	10/07/12	10/16/12	5	Shoulder of Elizabeth Lake Road.
#67	10/11/12	10/16/12	5	Shoulder of Elizabeth Lake Road.
#68	10/19/12	10/23/12	5	Additional access to M18-T5.
#69	11/30/12	12/02/12	5	Access Road to M111-T1 near Construct 60
#70	11/30/12	12/02/12	5	Access Road to M112-T1 near Construct 63
#71	11/30/12	12/03/12	5	Additional Parking area in vacant lot at Mountain Springs Road and Sierra Highway
#72	01/15/13	01/16/13	7	Installation of caution tape within Whittier Narrows Park to exclude the public from wire stringing areas.
#73	01/18/13	Unable to process as TEWS	8	Landing area for skywrap installation, could not approve as TEWS because location was within designated critical habitat for coastal California gnatcatcher.
#74	06/13/13	06/14/13	8	Overland travel access to a splice site in Segment 8 Phase 3.
#75	06/28/13	07/01/13	8	Additional 200 by 200-foot area for splicing associated with TEWS #74.
#76	07/01/13	07/01/13	8	Use of paved/graveled road between Mira Loma Yard and Substation.
#77	07/31/13	08/01/13	8	Crew access to adjacent tower to install grounds.
#78	08/01/13	08/05/13	6A	Utilize dirt access road for wire pulling activities.
#79	08/08/13	08/08/13	8	Extra workspace to access Tower M1-T5.
#80	08/13/13	08/13/13	11	Additional access to Yard 58.
#81	08/16/13	08/17/13	11	Additional parking area at Pasadena College parking lot.
#81	09/05/13	09/05/13	11	Extra space for guard structure set up, Eaton Dam.
#82	09/10/13	09/13/13	8	Access to existing manhole in Chino.
#83	09/10/13	09/13/13	8	Extra work space east of M2-T5, Segment 8 Phase 3.
#84	10/03/13	10/03/13	8	Use of disturbed area for extra work space near M60-T1 in Chino Hills.
#85	01/28/14	02/11/14	11	Use of existing road to access Construct 3.
#86	02/21/14	02/24/14	7	Use of additional space for wire set up site near M37-T3.
#87	05/02/14	05/02/14	7	Use of existing access road to M29-T4.
#88	05/27/14	05/28/14	8	Use of an existing access road to M70-T3.
#89	05/29/14	05/30/14	8	Use of an existing access road to M73-T3.
#90	05/30/14	05/30/14	7	Use of extra work space for guard structures.

TEWS Request	Date Requested	Date Approved	Segment	Description
#91	05/30/14	06/01/14	7	Use of two existing roads for traffic control during stringing operations.
#92	06/06/14	06/06/14	8	Guard pole and access road work area expansion.
#93	06/19/14	06/19/14	7	Landing zone at M34-T4.
#94	06/20/14	06/20/14	8	Use of existing access road at M70-T1.
#95	07/14/14	07/17/14	7	Use of paved parking lot for wire set up site expansion.
#96	07/23/14	07/24/14	7	Use of parking area within nursery near Royal Oaks Drive for wire stringing equipment.
#97	08/29/14	09/04/14	7	Use of a parking lot as a guard pole site, south of 60 freeway.
#98	08/29/14	09/03/14	8	Expanded access to Tower M71-T5, Phase 3.
#99	08/29/14	09/04/14	7	Use of paved area within storage facility for guard pole site.
#100	09/12/14	09/12/14	7	Use of existing access road near Legg Lake.
#101	09/17/14	SCE to resubmit.	8	Use of previously approved work area for Helicopter landing.
#102	09/19/14	09/23/14		Extension of WSS 7.59a.
#103	09/25/14	09/25/14	8	Use of access road to WSS 8-3.12.
#104	10/01/14	Denied	7	Use of parking lot adjacent to designated critical habitat for helicopter landing.
#105	10/03/14	10/07/14	8	Use of additional area near WSS 8.3-6b.
#106	10/08/14	10/21/14	8	Use of additional area near WSS 8-3.18.
#107	10/10/14	10/10/14	7	Additional area for wire stringing site near M43-T2.
#108	10/21/14	10/21/14	8	Use of 66 kV work area as LZ.
#109	10/22/14	10/27/14	8	Use of previously approved staging area as LZ.
#110	10/27/14	10/27/14	8, 500 kV UG	Temporary waterline placement along Eucalyptus Ave.
#111	07/24/15	07/28/15	8, 500 kV UG	Temporary aboveground pipeline along Cork Drive.
#112	11/16/15	Denied	8 Phase 1	Temporary use of contractor laydown area and access road. (Site did not meet criteria for TEWS approval)

## NON-COMPLIANCES & INCIDENTS

Table 4 provides a summary of CPUC Non-Compliance Reports and Project Memorandums.

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
 (Updated 03/01/16)

Type	Date	Location	Description
<b>NON-COMPLIANCE REPORTS &amp; PROJECT MEMORANDA, SEGMENTS 1-3</b>			
<i>For CPUC Non-Compliance Reports &amp; Project Memoranda activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106, 107.</i>			
<b>NON-COMPLIANCE REPORTS &amp; PROJECT MEMORANDA, SEGMENTS 1-11</b> (January 2010 thru the present)			
CPUC Non-Compliance Reports (NCR):			
NCR #1	Issued 02/24/11 Withdrawn 03/24/11	Project-wide	No notification of wildlife entrapment/mortality from bird deterrent netting.
NCR #2	09/13/11	Segment 7 66 kV	TRTP construction activity occurring in the San Gabriel Junction area prior to the installation of exclusionary staking for sensitive resource areas and without resource monitoring
NCR #3	08/15/12	Segment 8, Phase 4	Paleontological (paleo) monitoring not in compliance with PRMP.
NCR #4	03/07/14	Segments 6 and 11 off ANF	Failure to correct SWPPP items outlined in Project Memo #10, BMP failure resulting in multiple discharges off project sites.
NCR #5	07/18/14	Segment 8	Staging TRTP materials and equipment outside of approved work areas in Tonner Canyon.
CPUC Project Memoranda (PM)			
PM #1	04/27/10	Segment 3A	Delivery of equipment to Tower 43 within an ESA without monitors present
PM #2	06/23/10	Segment 8 West CY	Vegetation clearing without preconstruction biological or clearance surveys within TRTP right-of-way
PM #3	02/16/11	Project-wide	No notification provided on 10 separate Level 0 incidences
PM #4	02/16/11	Segment 7	Construction crews entered area prior to sweep being field validated by CPUC EM
PM #5	09/07/11	Segment 7	Use of unapproved area for staging material near Greenwood and Saturn Ave, Monterey Park
PM #6	12/09/11	Segment 7 66 kV	Use of unapproved areas for soil disposal
PM #7	Issued 12/09/11 Retracted 02/03/12	Segment 5	Non-reporting of special status species found during focused surveys in areas under construction
PM #8	04/20/12	Segment 7	Encroachment on a red-tailed hawk buffer by spacer cart.
PM #9	03/14/13	Segment 6	Track-out at Vincent Material Yard and Loop Road L.
PM #10	11/05/13	Segment 6	Outstanding SWPPP repairs on Segment 6.

<b>Type</b>	<b>Date</b>	<b>Location</b>	<b>Description</b>
PM #11	01/20/14	Segment 6	Equipment staging outside of approved work areas.
PM #12	02/27/14	4-11	Incident Reporting for TRTP.
PM #13	01/15/15	500 kV Underground	Failure to install wildlife escape ramps at WTS.
PM#14	01/15/15	500 kV Underground	Insufficient equipment washout, unprotected storm drain inlet, and uncovered stockpile during rain.



## PROJECT PHOTOGRAPHS



Figure 1: Restoration of graded roadway at Tower 18,  
Segment 11.



Figure 2: Site of stream diversion near VC #2 after diversion materials have been removed, 500 kV Underground.



Figure 3: Cable pulling operations at VC #2, 500 kV Underground.





Figure 4: Cross section of electrical cable placed in underground vaults and conduit.



Figure 5: Runoff from project right-of way onto public streets, 500 kV Underground.



Figure 6: Runoff from project right-of way onto public streets, 500 kV Underground.



Figure 7: Runoff from project right-of way onto public streets, 500 kV Underground.





Figure 8: Same area as in Figure 7 after storm event.