



30423 Canwood Street, Suite 215, Agoura Hills, CA 91301-4316  
Tel. 818-597-3407, Fax 818-597-8001, [www.aspeneg.com](http://www.aspeneg.com)

**PROJECT MEMORANDUM**

**ANTELOPE PARDEE PROJECT, SEGMENT 1**

**To:** John Boccio, Project Manager, CPUC  
Marian Kadota, Project Manager, ANF  
**From:** Vida Strong, Aspen Project Manager  
**Date:** April 11, 2008  
**Subject:** Weekly Report #12, March 30-April 5, 2008

The Antelope-Pardee Project, Segment 1, is comprised of three sections:

- Section 1: Pardee Substation to the ANF boundary.
- Section 2: ANF
- Section 3: ANF Boundary to the Antelope Substation

During the subject week, construction activity continued under Notice to Proceed (NTP) #5 for the construction of the Shoofly in Section 1, and NTP #2 for construction of the Antelope Substation in Section 3. No work was conducted in Section 2, on the Angeles National Forest. Equipment, materials, and office trailers are being staged in the various approved construction yards.

**SECTION 1, SHOOFLY**

**CPUC/Aspen Environmental Monitor (EM):** Jenny Slaughter was onsite April 1<sup>st</sup>, and April 3<sup>rd</sup> and 4<sup>th</sup>.

**Summary of Activity:**

The Shoofly portion of the Antelope Pardee Transmission Line Project involves the installation of a temporary bypass line, or Shoofly, in order to maintain service along the existing 220 kV transmission lines. Construction of the Shoofly is taking place within an existing SCE transmission line right-of-way (ROW) in the City of Santa Clarita and Los Angeles County and involves the construction of 18 new structures to hold the Shoofly line, while the original structures holding the line are replaced to accommodate the new 500 kV line. Construction activity under NTP #5 and Modifications #1 to NTP #5 consisted of the following activities.

1. Conductor stringing took place between Shoofly structures 2-13. A helicopter was used to fly in the wire “sockline” into travelers in each phase of the Shoofly poles (see Figure 1). The lowest phase of line was installed first, followed by the other two phases. Lastly, a fiber line was flown in and attached to the top of each pole. Once the sockline was installed, it was attached to the conductor wire on reel trucks. A pulling machine set up at the opposite end of the stringing, then pulled the sockline back until the conductor was installed.
2. Road crews have completed road construction on the Shoofly. During the subject week, a new temporary road was constructed in order to access Shoofly pole structure 18 (see Figure 2). This work was approved under Variance #1, for changing the access from overland travel to temporary road construction. Because of bird nesting activity within 300-feet of this construction, CDFG concurrence was required. Documentation of the CDFG concurrence was provided to the CPUC via email.
3. Drilling for the permanent 500 kV tower footings (included in the Shoofly request) was completed and crews installed rebar cages into the footing holes in preparation for concrete. Construction of tower 25 will be completed once the adjacent 220 kV tower is dismantled.



4. Pole setting was completed at Shoofly pole locations 15-18 during the subject week. All temporary Shoofly poles have been set onto place.
5. Hauling of material from the permanent tower site 25 has been completed. At the request of the landowner, the material was deposited and formed into berms to block out views of the nearby trailer park since the property is used for movie filming purposes. Also at the landowners request, the berms will be revegetated by the contractor. CDFG biologist Dan Blankenship has indicated that the City of Santa Clarita may be able to provide the contractor with an appropriate seed mix for this area to be revegetated.
6. SCE submitted a request (NTP # 5 Mod 2) for a portion of 66 kV line removal at the north end of Section 1. The work was scheduled to take place during an outage of a nearby line on March 28<sup>th</sup>, however this outage was cancelled and the work is on hold.

**Environmental Compliance:**

1. Because nesting bird surveys within a 500-foot buffer of project areas were not included in the original pre-construction biological survey report dated March 7, project biologists are conducting pre-construction biological sweep surveys (including a breeding bird survey within 500-feet) in advance of construction activity in order to comply with Mitigation Measure B-6 on the Shoofly. SCE's Biological Monitors are relying on construction personnel to give them advance notice when moving into a new area that has not been recently surveyed.
2. New active bird nests were identified along the Shoofly during the week and reported to the CPUC EM. Near Shoofly pole 18, several swallow and finch nests were observed on a steep cliff. Also on this cliff, a raptor nest was located; it appears that this nest is not being used so far. As requested in a letter to SCE on March 17<sup>th</sup>, 2008, CDFG recommended that new nests found in the project area be identified, mapped, and submitted on a weekly basis. In addition, the maps would be provided to field monitoring staff during construction of the Shoofly. Maps of identified nests were submitted on April 10.
3. The Encroachment permit from the City of Santa Clarita was submitted to the CPUC on March 12<sup>th</sup>. SCE is expecting Encroachment (for guard pole installation) and Grading (for new road construction) permits from Los Angeles County. The CPUC EM has requested copies of these when they are approved by the County.

No CPUC Non-Compliance Reports (NCR) or Project Memoranda (PM) were issued during the subject week.

**Agency Representatives:**

Dan Blankenship (CDFG) toured the Shoofly area on April 3<sup>rd</sup> with Brian Arnold (Burns and McDonnell) to review new bird nesting locations and some anticipated extra workspace areas.

**SECTION 2, ANF & ADJACENT YARDS**

**ANF Representatives:** Marian Kadota  
**CPUC/Aspen Environmental Monitor (EM):** Jenny Slaughter

**Summary of Activity:**

No construction activity took place on the ANF during the subject week.

**Environmental Compliance:**

No Non-Compliance Reports were issued by the ANF during the subject week.

No CPUC Non-Compliance Reports (NCR) or Project Memoranda (PM) were issued during the subject week.

### **SECTION 3, ANTELOPE SUBSTATION & ADJACENT YARDS**

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

Aspen EM Jenny Slaughter toured the Antelope Substation on April 4<sup>th</sup>.

#### **Summary of Activity:**

Construction activity under NTP #2 at the Antelope Substation consisted of the following activities.

1. The installation of erosion control measures as identified in the SWPPP began and is being conducted by an SCE subcontractor. All personnel working on the Antelope Substation under NTP #2 are given Environmental Training in the office trailers and a log of trained personnel is kept on site.
2. Construction of the Mechanical Electrical Equipment Room (MEER) continued. Crews are working on the sub-floor and walls. Excavation for the building foundation has been completed. The Paleontological Monitor is no longer required during construction activities because the Paleontological Plan has been approved.
3. For the 66-kV subtransmission line relocation, foundations have been completed and steel placement continued.
4. The substation expansion area is on hold until SCE secures the adjacent land.
5. The Burns and McDonnell construction yard has been set up adjacent to the substation. Two office trailers have been brought to the site and are being set up for operation. The entire site has been graveled and straw wattles have been placed surrounding the yard.
6. PAR Construction has also set up office trailers in an area immediately adjacent to the Burns and McDonnell yard.

#### **Environmental Compliance:**

The CPUC EM observed that work activities were in compliance with NTP #2, the certified FEIR/S, and other permit requirements.

No Non-Compliance Reports (NCR) or Project Memoranda (PM) were issued during the subject week.

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

Table 1 summarizes the CPUC Notice to Proceed and ANF permitting activity for the Antelope-Pardee Project, Segment 1, to date.

**TABLE 1**  
**CPUC NTPs & ANF PERMITTING**  
 (Updated 04-11-08)

NTP #/ Permit	Date Requested	Date Issued	Description
<b>CPUC NTPs</b>			
#1	Oct 10, 2007	Oct 16, 2007	Mojave Marshalling Yard. Per the request, the yard will primarily be used to store construction equipment and materials for the project.
#2	Nov 16, 2007	Dec 10, 2007	Antelope Substation construction and expansion, as well as the use of two adjacent contractor laydown yards.
#2 Mod	Dec 21, 2007	Jan 2, 2008	Allow grading activity at the Antelope site/yards and replacement of an existing 80-foot microwave tower with a new 120-foot tower immediately outside of the communications room within the fenced area of the Antelope Substation.
#3	Jan 10, 2008	Jan 16, 2008	Use of five contractor laydown yards as named Pumpkin Yard, Pottery Yard, Pardee Substation Yard, Mechanics Yard and Avenue I Yard.
#4	Jan 29, 2008	Feb 4, 2008	Use of the Racetrack Marshalling Yard.
#5	Feb 19, 2008	Feb 28, 2008	Shoofly Construction, Section 1.
#5 Mod #1	March 11, 2008	March 19, 2008	Use of a new soil disposal site for the Shoofly construction, Section 1.
#5 Mod #2	March 24, 2008	March 26, 2008	Removal of the 66 kV conductor on the Del Sur-Saugus line during the outage scheduled for March 27, 2008.
#6	March 19, 2008	March 29, 2008 (Rodeo Yard not approved- pending further resource investigation)	Use of three additional construction yards, Rodeo, Blue Cloud, and Pumpkin expansion.
#7	April 3, 2008	Under review	Section 1 construction.
#8	April 3, 2008	Under review	12 kV line relocation, Section 3.
<b>ANF PERMITTING</b>			
	Nov. 29, 2007	Dec. 14, 2007	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
	Sept. 27, 2007	Dec. 14, 2007	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

**VARIANCE REQUESTS**

One Variance Requests was submitted on April 1<sup>st</sup> for temporary road construction to access Shoofly pole 18. The Variance was approved by the CPUC on April 3rd.

## PROJECT PHOTOGRAPHS - SHOOFLY



**Figure 1:** The installation of conductor wire between Shoofly poles 2-13 was completed using a helicopter. Once the sockline pulling cable was installed into each phase, the conductor wire was pulled back through the section and clipped in to each phase of the Shoofly pole.



**Figure 2:** A new temporary road was constructed in order for pole setting equipment to safely access the Shoofly pole site 18. A Variance was approved by the CPUC for the change in road construction on April 3<sup>rd</sup>.