



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-2285
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

PROJECT MEMORANDUM
SCE BANDUCCI SUBSTATION PROJECT

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 31, 2017
Subject: Monitoring Report #4: September 24 to October 28, 2017

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) Banducci Substation Project.

A summary of the Notices to Proceed (NTPs) for construction is provided below. A summary of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 2.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite September 29 and October 24-26, 2017.

Work Schedule: Construction at the Banducci Substation Site is being conducted Monday-Friday between 7:00 am and 7:00 pm, with occasional work on Saturdays. Telecom work is being conducted Monday-Thursday 7:00 am to 5:00 pm.

CPUC NTPs

Table 1 summarizes the NTPs for the Banducci Substation Project.

Table 1 - NTPs
(Updated 10/31/17)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	11/22/16	01/19/17	Banducci Substation and Subtransmission	Construction of the Banducci Substation and the associated 69 kV subtransmission features located on Pelliser Road near the town of Tehachapi.
NTP #2	07/31/17	08/31/17	Telecommunications	Telecommunications related components of the Banducci Substation (see MPC #1, Table 2).
NTP #3	02/07/17	03/29/17	12 kV Distribution Getaways and a Portion of the Telecommunication Route #1	Construction of the distribution getaways and a portion of Telecommunication Route #1 along Pelliser and Highline Roads.

Construction & Compliance

Summary of Construction Activity: Please see Exhibit A

Banducci Substation Construction

1. Construction activities are being performed by Henkels and McCoy (H&M) and Professional Electrical Construction Services, and construction management is being conducted by TRC. Construction activities started on July 26, 2017.



2. Civil preparation work at the Banducci Substation has been completed. H&M crews conducted cable trenching, and ground grid and conduit installation at the substation site.
3. Two transformers were installed (see Figure 1).
4. Vertical steel erection for substation components was conducted once foundations were completed (see Figure 2).
5. Professional Electrical crews continued building forms for foundations, set foundations, and delivered materials for the perimeter wall and above-ground substation components.
6. Construction of the perimeter wall was conducted (see Figure 3).
7. V-ditches were graded for drainage on the south side of the substation.
8. Erosion control BMPs were inspected and maintained at the Banducci Substation site.
9. Construction crews are trucking in non-potable water for dust control and compaction from an approved hydrant located near Highline Road.

12 kV Distribution Work

10. H&M crews conducted trench and vault excavation, vault placement, conduit installation, and backfilling activities along Pellisier and Highline Roads (see Figure 4).
11. Boring operations were completed and casing was filled with slurry.

66 kV Subtransmission

12. Foundations for the subtransmission poles were installed inside the substation boundary and pole sections were installed.

Telecommunication Upgrades

13. H&M crews began work on Routes 1 and 2 of the Telecommunication work on September 27.
14. Two crews conducted telecom cable installation, one on each route. Overhead cable was installed between the Highwind Yard and the Cummings Substation of Route 1 and underground fiber was installed on Route 2 between Monolith Substation and S. Curry Street (see Figure 5).

Environmental Compliance

1. Paleontological monitoring is taking place on a spot-check basis, consistent with approved plans. To date, no paleontological resources have been identified.
2. Manual street sweeping is taking place as needed along Pellisier Road.
3. Traffic control is in place during trenching and vault installation along Pellisier and Highline Roads.
4. Excavations and trenches are covered or wildlife escape ramps are installed after work is completed.
5. Work was suspended at the substation on October 9 due to high winds. Work on the Telecom routes were suspended on October 24 and 25 due to a Red Flag Warning in the area.
6. One Level B on-compliance incident were reported by SCE during the subject period. H&M crews used a disturbed area outside of the approved work limits to set up equipment for vault placement along Pellisier Road on October 6.

7. Compliance concerns identified by the CPUC EM during the subject period included leaking equipment, microtrash, trackout, and uncovered haul trucks (see Figure 6). Once reported to the site construction manager, all incidents were resolved in a timely manner.

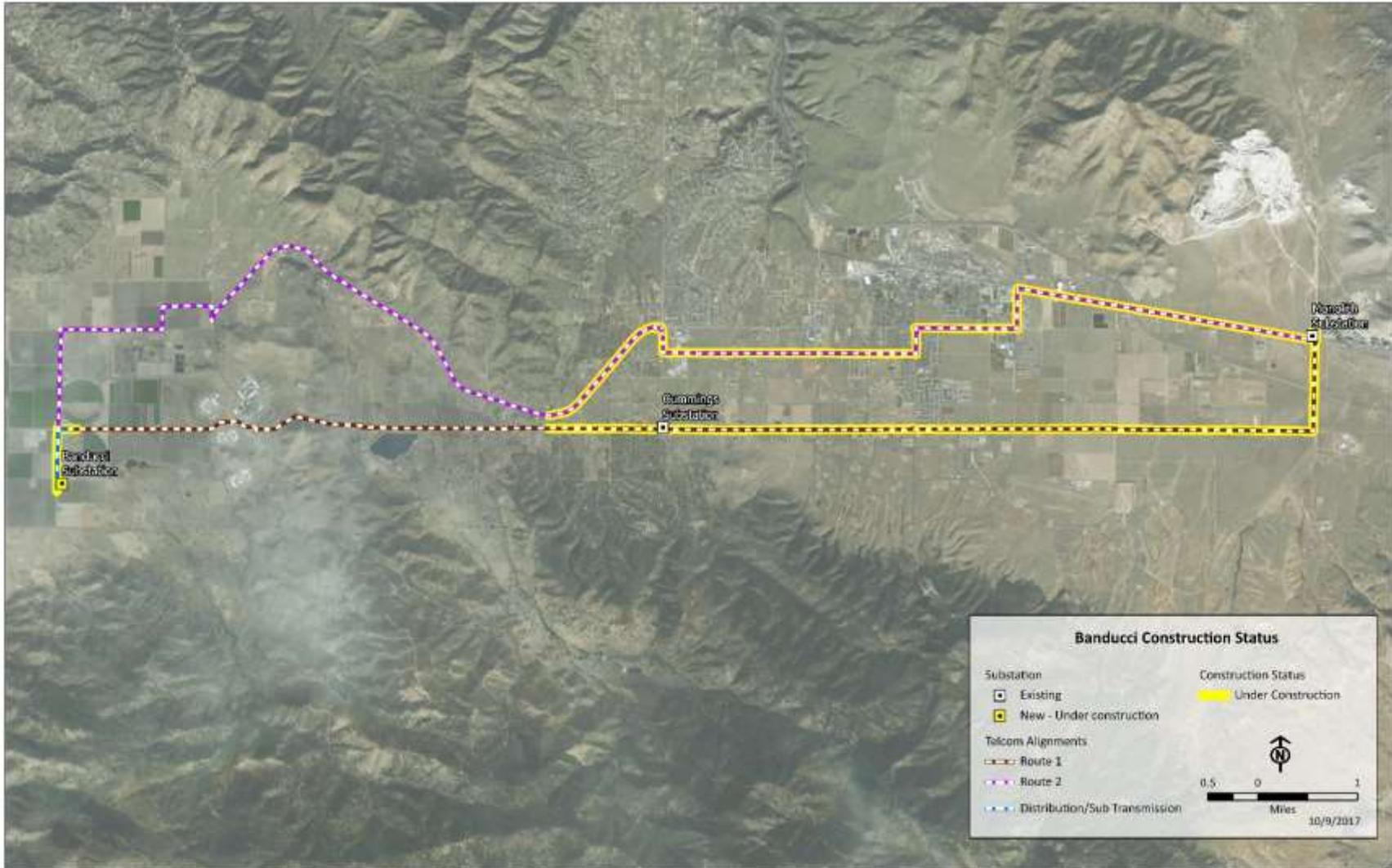
Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

Table 2 summarizes the TEWS and MPCs for the Banducci Substation Project.

Table 2
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
 (Updated 10/31/17)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #1	07/20/17	07/24/17	Substation	Use of a non-potable water source located outside of the approved work area.
MPC #1	07/31/17	08/31/17	Telecom	Changes to Telecommunication Routes #1 and #2 (see NTP #2, Table 1).
MPC #2	08/09/17	08/11/17	12 kV	Relocation of 12 kV distribution infrastructure to avoid an existing, unmarked utility.
MPC #3	08/21/17	08/25/17	All	Use of water source approved under TEWS #1 for more than 60 days.
MPC #4	10/25/17	Under Review	Telecom	Modify Telecom route at S. Curry and Valley due to City road construction moratorium.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – Construction crews delivered and installed two transformers to the Banducci Substation site.



Figure 2 – Vertical steel infrastructure was erected at the Banducci Substation once foundations were completed.



Figure 3 – Block wall installation surrounding the Banducci Substation.



Figure 4 – Conduit installation along Pellisier Road outside of the Banducci Substation.



Figure 5 – Telecom installation on existing overhead wood poles took place along Highline Road near the Cummings Substation.



Figure 6 – Microtrash observed after the work shift had ended at the Banducci Substation.