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PROJECT MEMORANDUM
SCE BANDUCCI SUBSTATION PROJECT

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: November 27, 2017
Subject: Monitoring Report #5: October 29 to November 17, 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 November 7-8, 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 11/27/17)

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 ground grid installation and steel placement at the substation site.
3. The MEER building was delivered and installed.
4. Professional Electrical crews continued concrete placement and construction of the perimeter v-ditch (see Figure 1).
5. Erosion control BMPs were inspected and maintained at the Banducci Substation site.
6. 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

7. H&M crews conducted trenching, conduit installation, and backfilling activities along Pellisier and Highline Roads (see Figure 2).

66 kV Subtransmission

8. Sections of Tubular Steel Poles (TSPs) were installed.

Telecommunication Upgrades

9. H&M crews began work on Routes 1 and 2 of the Telecommunication work on September 27.
10. Two crews conducted telecom cable installation, one on each route. Overhead cable was installed between the Cummings Substation and the California Correctional Facility on Route 1, and on Route 2 from Cherry Lane to Woodford Tehachapi Road at the interface of Highway 202 (see Figure 3). Telecom installation along the Caltrans right-of-way is pending the issuance of encroachment permits.

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. The CPUC EM observed smoke coming from the substation site on November 8. Upon closer inspection, a cement pump trailer in use for the v-ditch pour was observed to be malfunctioning (see Figure 4). The crews halted work and another pump trailer was brought to the site.
3. Manual street sweeping is taking place as needed along Pellisier Road at the substation entrance.
4. Traffic control is in place during trenching and vault installation along Pellisier and Highline Roads.
5. Excavations and trenches are covered or wildlife escape ramps are installed after work is completed.
6. Work on the Telecom routes were suspended on October 31 due to a Red Flag Warning in the area.
7. No non-compliances were reported by SCE and none were observed by the CPUC EM.
8. Weekly SWPPP inspections are taking place at both the substation and telecom work sites. Minor concerns noted were trash dumpsters that were full and maintenance to a concrete wash out (see Figure 5).

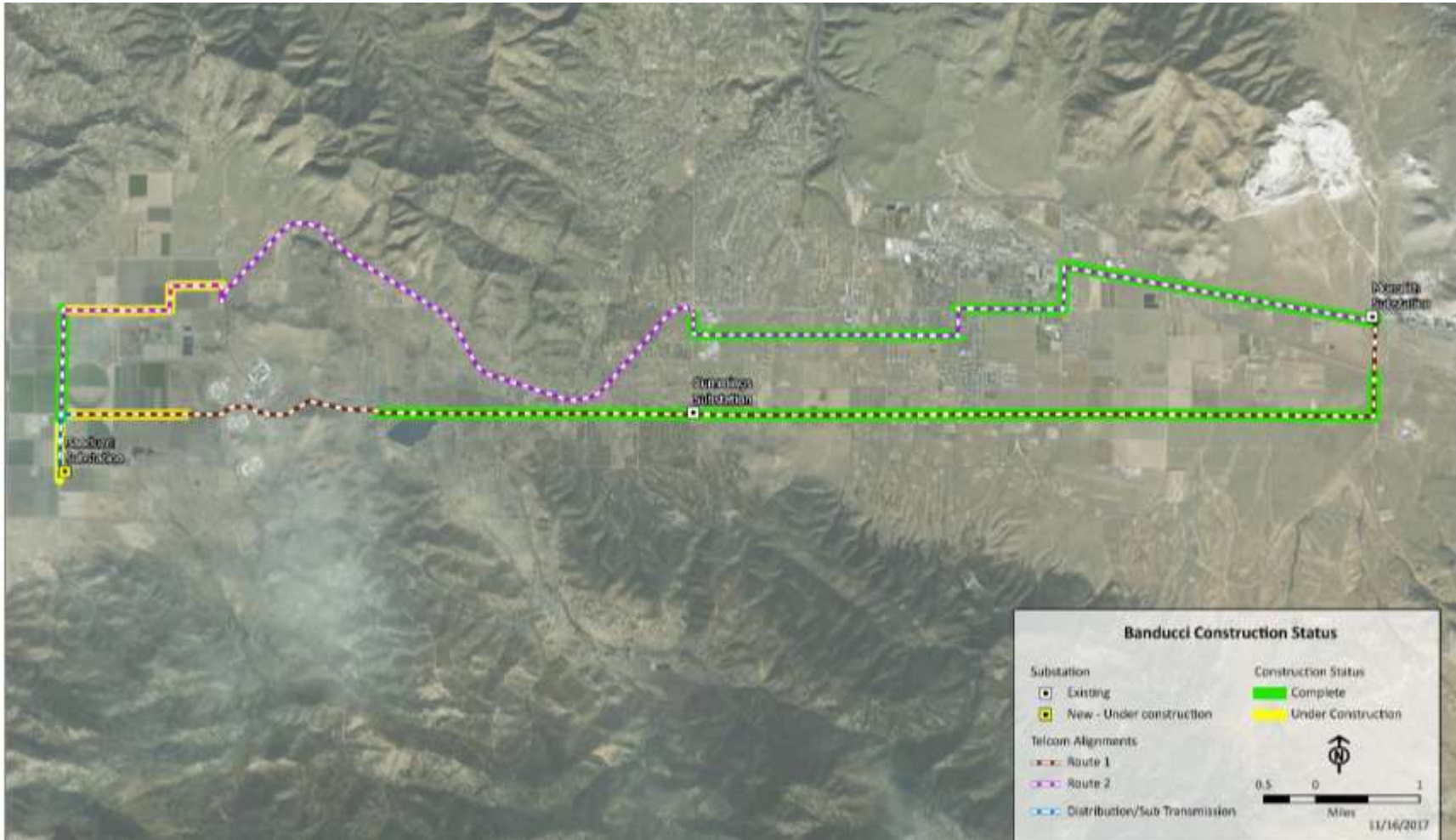
Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

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

Table 2
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
 (Updated 11/27/17)

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	11/09/17	Telecom	Modify Telecom route at S. Curry and Valley due to City road construction moratorium.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – Professional Construction crews graded and poured the concrete v-ditch surrounding the Banducci Substation site.



Figure 2 Trenching and vault tie in occurred along Pellisier Road.



Figure 3 – Telecom crews installed fiber on Route 2 near the Banducci Substation.



Figure 4 – Smoke coming from the Banducci Substation due to a malfunctioning cement pump.



Figure 5 – Trash dumpster needing service at the Banducci Substation.