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PROJECT MEMORANDUM
SCE BANDUCCI SUBSTATION PROJECT

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: December 21, 2017
Subject: Monitoring Report #6: November 18 to December 16, 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 28-29, 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 12/21/17)

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 placed pull boxes in the 66 kV rack.
3. Disconnects were installed in the 12 kV rack.
4. Professional Electrical crews continued concrete placement and construction of the perimeter v-ditch.
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 1).
8. Backfilling of the bore pit was completed.

66 kV Subtransmission

9. H&M crews conducted ground grid installation and placed pull boxes in the 66 kV rack.

Telecommunication Upgrades

10. H&M crews began work on Routes 1 and 2 of the Telecommunication work on September 27.
11. One crew conducted telecom installation on Highline Road and another inside the prison property (see Figures 2 and 3). Cross arm installation and rope (to be used to pull fiber cable) was installed.
12. Placement of the underground component into the Cummings Substation took place. A slight shift in the manhole placement had to be undertaken due to an unmarked, fiberoptic line in the immediate area.
13. Telecom installation along the Caltrans right-of-way is pending the issuance of encroachment permits.

Environmental Compliance

1. Paleontological monitoring took place December 4-7 during the underground work outside of the Cummings Substation. To date, no paleontological resources have been identified.
2. Manual street sweeping is taking place as needed along Pellisier Road at the substation entrance.
3. Traffic control is in place during trenching and vault installation along Pellisier and Highline Roads.
4. Soil stockpiles located inside the substation were covered to prevent erosion (see Figure 4).
5. Excavations and trenches are covered or wildlife escape ramps are installed after work is completed.
6. Work placing concrete was called off on November 27 due to a rain event.
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 did not have functioning covers and a broken drip pan.

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 12/21/17)

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.

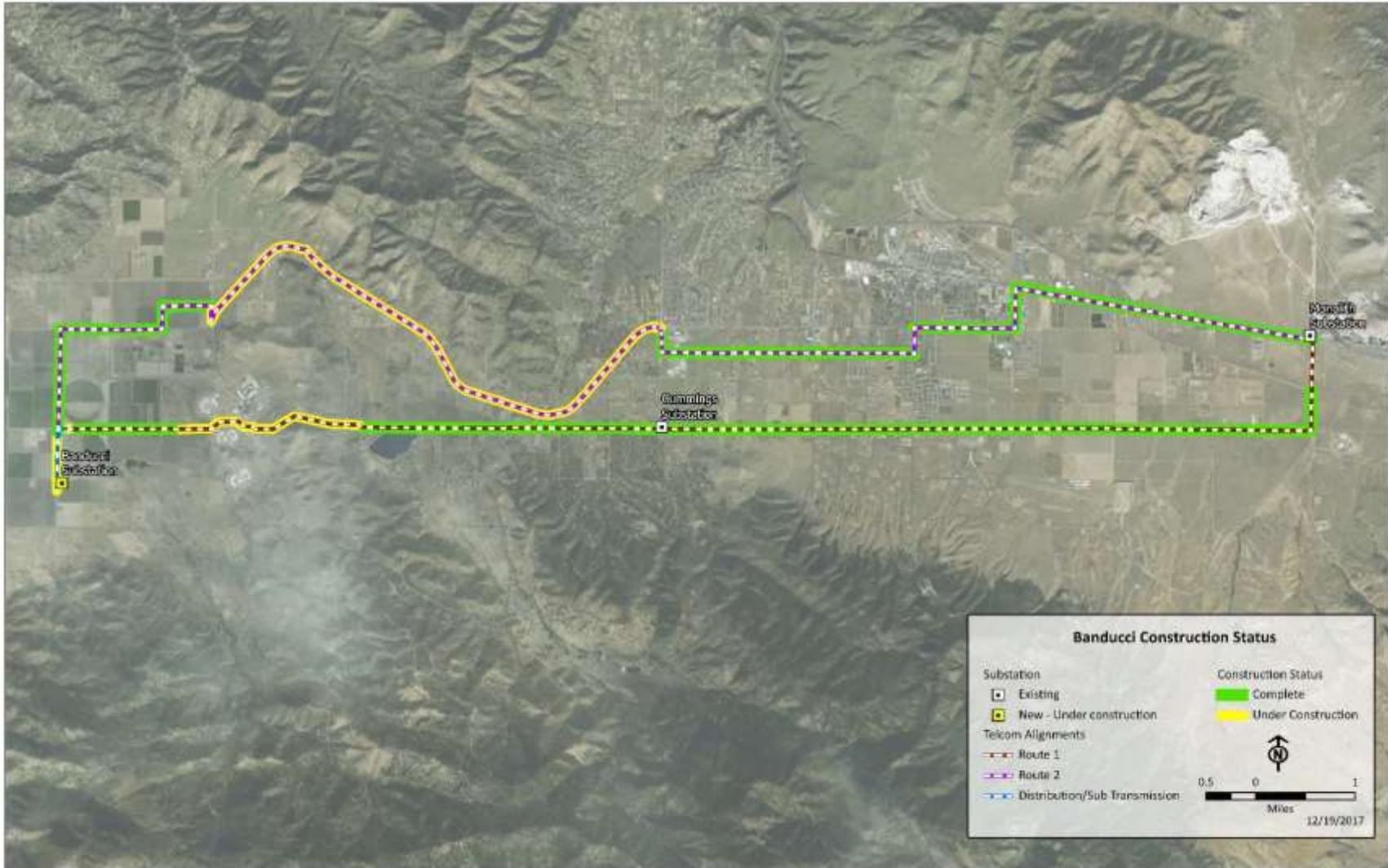
CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Project Memoranda and Non-Compliance Reports
 (Updated 12/21/17)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level B Incident	MM AG-1	07-19-17	Banducci Substation	Crews began construction related activities within 30 days of the notification of agricultural operators.
Level B Incident	MM B-9	07-19-17	Banducci Substation	Construction related activities began without the required nesting bird surveys being conducted.
Level B Incident	CPUC NTP	07-19-17	Banducci Substation	Documentation was not provided to the CPUC prior to construction.
Level B Incident	MMCRP	07-19-17	Banducci Substation	Timely notification of the start of construction was not provided to the CPUC EM.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – Henkels and McCoy continue with trenching and conduit placement along Pellisier Road.



Figure 2 - Telecom crews installing fiber on existing poles along Highline Road, Route 1.



Figure 3 – Telecom crews installed cross arms on existing poles on the prison property, Route 1.



Figure 4 – Soil stockpile covered at the Banducci Substation to prevent erosion.