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**PROJECT MEMORANDUM**  
**SDG&E VINE 69/12-kV SUBSTATION PROJECT**

**To:** Eric Chiang, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** September 12, 2017  
**Subject:** Monitoring Report #17: August 6 to September 9, 2017

## Introduction

This report provides a summary of the construction and compliance activities associated with San Diego Gas and Electric's (SDG&E) Vine 69/12-kV Project.

A summary of the Notice to Proceed (NTP) for construction is provided below. The status of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 1.

**CPUC Environmental Monitor (EM):** Jamie Miner was onsite September 6-7, 2017.

**Work Schedule:** Construction at the Vine Substation site was conducted Monday-Friday between 7:00 am and 3:30 pm. Underground trenching for the distribution work along India and Vine Streets, and along Kettner Boulevard is occurring between 7:00 pm and 5:00 am Sunday through Thursday.

## CPUC NTP

### NTP #1: Construction of the Vine 69/12-kV Substation Project

NTP #1 was issued by CPUC on June 8, 2016 for the entirety of the Vine 69/12-kV Substation Project, including construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades.

## Construction & Compliance

### Vine Substation Construction

**Summary of Activity: Please see Exhibit A**

1. Construction began at the Vine Substation site on August 17, 2016. Civil construction activities are being conducted by Patriot Engineering. The below grade structural portion of the substation construction was conducted by DCX. Above ground construction is being performed by Kearney (SDG&E). Patriot has completed the majority of the civil work and will return at a later time to complete final construction elements including rock placement, driveways, and sidewalks.
2. 69 kV rack installation took place. Wire was pulled under the 69 kV rack (see Figure 1).
3. Kearney crews continued control shelter wiring.

### 12-kV Relocation (India Segment – 12 kV Underground)

**Summary of Activity:**

4. NPL crews continued the underground work along Kettner Boulevard. Potholing, saw cutting, trenching, conduit installation, backfilling, and vault installation took place between the hours of 7:00 pm and 5:00 am, Sunday through Thursday (see Figure 2).



- Underground distribution cable installation was conducted along India Street. Cable installation activities are being conducted by Henkels and McCoy.
- NPL crews are staging equipment and material at the Kettner Yard (see Figure 3).

### 69 kV Loop In

#### Summary of Activity

- Surveying, staking, and potholing for an existing water line took place.

### Telecom System Upgrades

#### Summary of Activity

No activity took place during the subject period.

### Environmental Compliance

- On August 9, SDG&E reported that an archaeological feature was discovered during trenching activities along Vine Street. All Mitigation Measures and notification protocols were followed after the discovery (i.e., halt construction in the area, contact SDG&E’s Cultural Resource Specialist/Environmental Project Manager, and discuss the significance of the resource). Notifications were also made to the CPUC. The find was determined not to be significant and construction activities were allowed to resume.
- Two Level B incidents were reported by SDG&E on August 23 and 24 for crews not finishing work and having traffic control in place after the city permit allowable time of 5:00 am.

### Public Involvement

No complaints were received during the subject period.

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

Table 1 summarizes the TEWS and MPCs for the Vine Substation Project.

**Table 1**  
**Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)**  
 (Updated 09/12/17)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
<b>Temporary Extra Workspaces (TEWS)</b>				
TEWS #1	07/20/16	07/20/16	12 kV Underground	Requests the use of an existing graveled portion of the Witherby Substation for equipment and materials staging.
TEWS #2	07/21/16	07/21/16	12 kV Underground	The use of a paved, private parking area along Laurel Street for the large excavator.
TEWS #3	08/15/16	08/16/16	12 kV Underground	Use of paved, private parking lot (currently empty) for Underground contractor’s equipment and materials storage.
TEWS #4	06/21/17	06/22/17	12 kV Underground	Use of three areas for equipment storage near the India Street Underground.

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #5	08/29/17	08/29/17	12 kV Underground	Use of staging area at dead end of Redwood Street.
<b>Minor Project Changes (MPCs)</b>				
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.
MPC #2	04/24/17	05/12/17	66 kV Loop in	Replacement of wood pole with TSP

**Table 2**  
**CPUC Project Memoranda and Non-Compliance Reports**  
(Updated 09/12/17)

TEWS / MPC	Date Issued	Phase	Description
PM #1	07/27/17	12 kV Underground	Potholing along Kettner without the required monitors and a general trend in non-compliance incidents.

### Exhibit A – Construction Status



## PROJECT PHOTOGRAPHS



Figure 1 – Kearney crews continued with component installation at the Vine Substation.



Figure 2 – NPL crews working along Kettner Boulevard encountered abandoned rail segments. These sections are put aside for recycling and for collection by the Pacific Southwest Railway Museum.



Figure 3 – NPL crews store construction equipment and materials at the Kettner Yard.