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5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-2285  
Tel. 818-597-3407, Fax 818-597-8001, [www.aspeneg.com](http://www.aspeneg.com)

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

**To:** Eric Chiang, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** November 1, 2016  
**Subject:** Monitoring Report #7: October 09 to October 29, 2016

## 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):** Jenny Slaughter was onsite October 11-12, 2016.

**Work Schedule:** Construction at the Vine Substation Site was conducted Monday-Friday between 7:00am and 3:00pm.

## CPUC NTPs

### 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. Construction activities are being conducted by Patriot Engineering. The civil, below grade portion of the substation construction is scheduled to be completed in January 2017.
2. Major grading at the substation site was not conducted during the subject period.
3. Chain link fencing was removed along the southern perimeter and temporary fencing was installed (see Figure 1).
4. Form and rebar installation for the perimeter wall footing took place, followed by concrete pouring (see Figure 2).
5. Cable trenching took place from Kettner Boulevard into the substation. Cultural and Paleontological monitors were present for this activity.

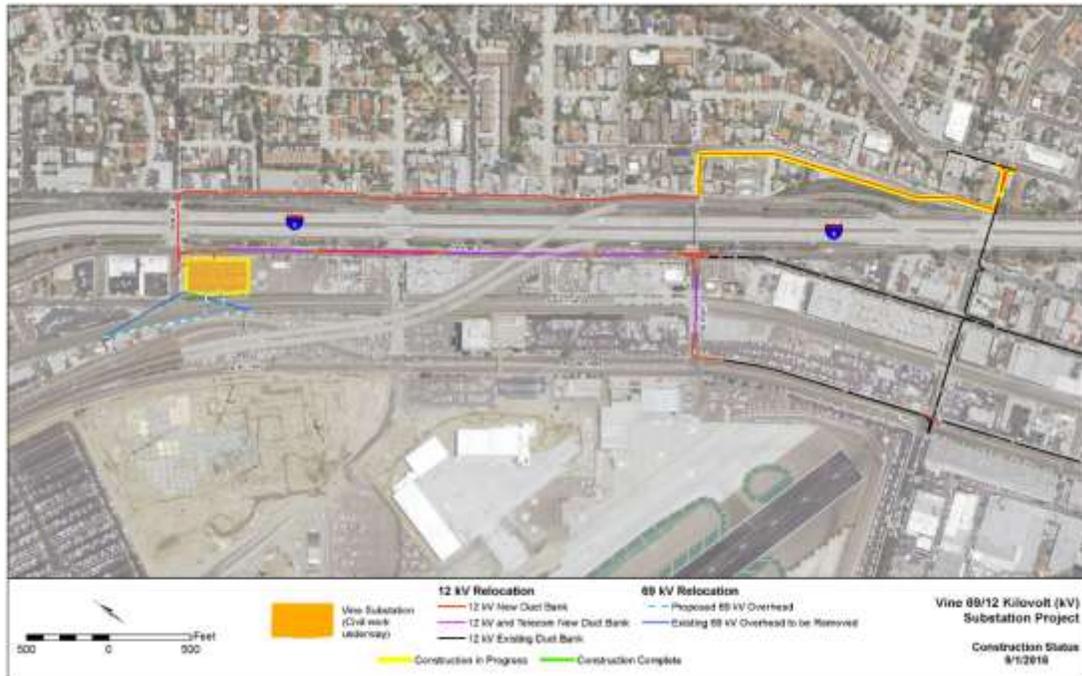


## 12-kV Relocation (Columbia Segment – 12 kV Underground)

### Summary of Activity:

6. Cable splicing took place along the Columbia Segment and was conducted by Henkels and McCoy crews.
7. Final paving along the Columbia Segment was completed on October 3. One small section remains to be completed along Palm Street.

### Exhibit A – Construction Status



### Environmental Compliance

1. No concerns were reported by SDG&E during the subject period.
2. APM-HAZ 01; On October 11, the CPUC EM observed a small generator and a fuel container placed onto the ground without secondary containment. The Construction Site Representative and Environmental Inspector were both notified immediately and directed the crews to place the items on drip pans. (see Figures 3 and 4).

### 69 kV Loop In

#### Summary of Activity

No work occurred.

## Telecom System Upgrades

### Summary of Activity

No work occurred.

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

Table 1 summarizes the TEWS for the Vine Substation Project.

**Table 1**  
**Temporary Extra Workspaces (TEWS)**  
(Updated 11/01/16)

<b>TEWS / MPC</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</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.
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.

## PROJECT PHOTOGRAPHS



Figure 1 – New temporary fencing surrounds the Vine Substation site along Kettner Boulevard.



Figure 2 – Form construction and rebar installation for the perimeter wall footing.



Figure 3 – Generator and gas can observed by the CPUC EM on October 11 directly on ground surface.



Figure 4 – Crews placed the generator and gas can on top of a drip pan to avoid any contamination to the ground.