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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 19, 2016
Subject: Monitoring Report #4: August 28 to September 10, 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 and Temporary Extra Workspace (TEWS) approvals is provided below.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite August 30–September 01, 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.
2. Patriot crews continued with site preparation activities, including BMP installation and perimeter fence installation.
3. Demolition and removal of the buried foundation was completed during the subject period (see Figures 1 and 2). The debris from the demolition was hauled off site on a daily basis.
4. Crews removed the existing fencing along the railroad right-of-way and constructed a temporary perimeter fence. Railway safety flaggers were present during the fence installation (see Figure 3).
5. Site grading began once the buried foundation removal was completed.
6. On August 31, an accidental release of approximately 100-gallons of hydrant water occurred when the water truck on site drove off while the hose was still connected to a hydrant located immediately outside of the site fence along Kettner Boulevard. The hydrant valve was shut off as soon as personnel could access the hydrant. Some hydrant water pooled along the sidewalk and



shoulder of Kettner Boulevard, and also ran off onto the substation site. Additionally, much of the water had flowed down Kettner Boulevard onto Vine Street, and into a protected storm drain inlet (see Figures 4 and 5).

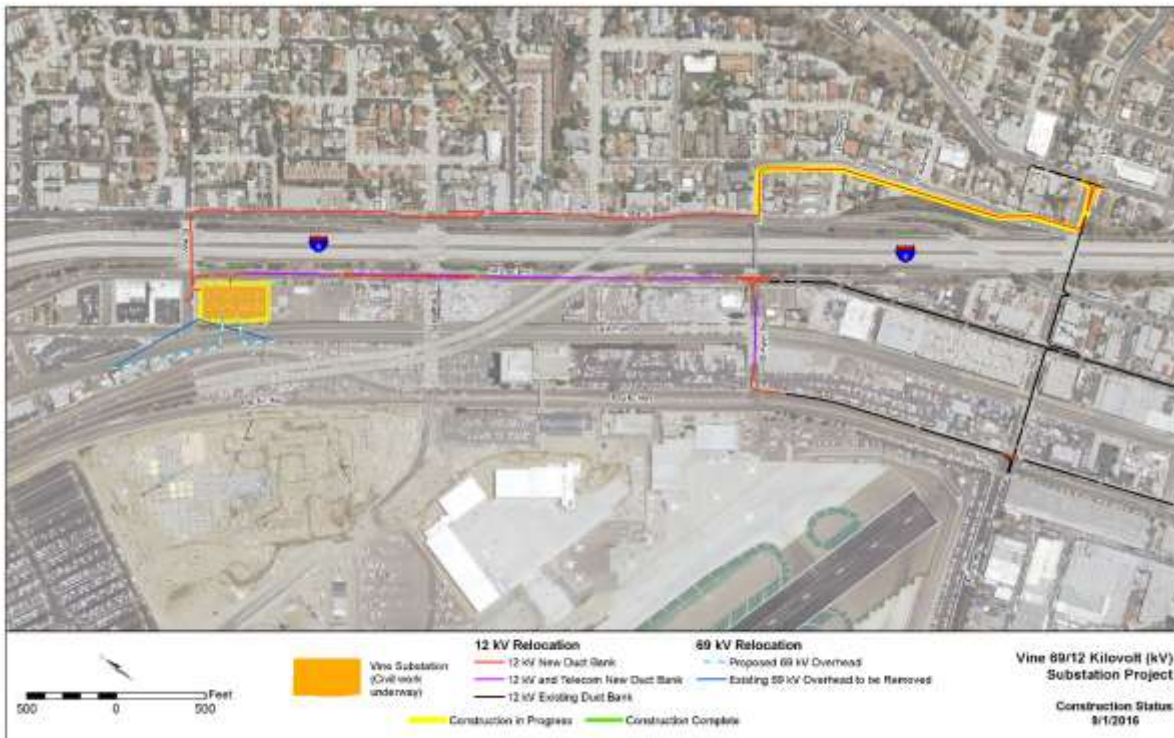
7. During vegetation clearing activities along the southwest boundary, crews found a water filled hole. The City of San Diego was notified and determined that it did not originate from a nearby waterline. The Storm Water division was notified and will investigate the origin.
8. On September 7 and 8, fossilized shells were identified during grading operations at the Vine Substation site. The shells were collected, but were found in non-native fill material.

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

Summary of Activity:

9. No activity took place along the Columbia Segment during the subject period. Cable installation and final paving has been scheduled to begin September 19 and are expected to take approximately 6 days.
10. During the subject period, no TEWS and one Minor Project Change was requested for the continued use of two staging areas previously approved under TEWS. See Table 2 for approved TEWS and MPC to date.

Exhibit A – Construction Status



Environmental Compliance

As required by project mitigation measures, a preconstruction bird and bat survey was conducted prior to site disturbance at the Vine Substation site. Results were provided to the CPUC prior to construction.

The following concerns were reported by SDG&E during the subject period.

1. **Air Quality AQ-3-** Dust was visible during concrete foundation demolition and loading into haul trucks. This was reported to the site Environmental Inspector (EI) and the crew sprayed down the debris pile to control the dust (see Figure 6).
2. **Air Quality AQ-3-** The CPUC EM observed a haul truck leaving the site without a cover. The EI was notified and the crews were reminded to cover haul loads.
3. **SWPPP WM-9-** The CPUC EM noted that the port-a-potty was staged at the discharge point of the site, approximately 25-feet from a storm drain inlet. Temporary sanitary facilities should be located away from drainage facilities, watercourses, and from traffic circulation. The EI was made aware of the observation and the port-a-potty was moved.

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 09/19/16)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
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 – Demolition of the concrete foundation identified at the Vine Substation site.



Figure 2 – The foundation was crushed into pieces and hauled offsite for disposal.



Figure 3 – Temporary fence installation along the railroad right-of-way.



Figure 4 – Water from an accidental release of hydrant water pooled up along Kettner Boulevard.



Figure 5 – The hydrant water flowed into a storm drain along Vine Street and also flowed onto the substation site.



Figure 6 – Water was applied to the debris pile to minimize dust from the demolition and hauling operations.