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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: August 10, 2017
Subject: Monitoring Report #16: July 9 to August 5, 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): Jenny Slaughter was onsite July 25-26, 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 9:00 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. Circuit breaker delivery continued and 69 kV rack installation took place.
3. Kearney crews continued control shelter and yard wiring.
4. Installation of artificial ivy continued.

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

Summary of Activity:

5. NPL crews continued the underground work along India Street. Potholing, saw cutting, trenching, backfilling, and vault installation took place between the hours of 9:00 pm and 5:00 am, Sunday through Thursday.



6. NPL crews conducted trenching and conduit installation, followed by backfilling and paving, along Vine Street. Potholing for utilities took place along Kettner Boulevard.
7. Underground distribution cable installation was conducted along India Street. Cable installation activities are being conducted by Henkels and McCoy during the hours of 9:00 pm an 5:00 am, Sunday through Thursday.
8. NPL crews are staging equipment and material at the Kettner Yard.

69 kV Loop In

Summary of Activity

No activity took place during the subject period.

Telecom System Upgrades

Summary of Activity

No activity took place during the subject period.

Environmental Compliance

1. On the night of July 20, NPL crews conducted potholing activities along portions of Kettner Boulevard to verify the location of subsurface, historic trolley tracks. This work was conducted without a cultural resource monitor present. In accordance with APM CUL-1, an archaeological monitor must be present during initial ground-disturbing activities associated with the underground 12 kV distribution line along Kettner Boulevard. SDG&E documented this incident as a Level B compliance incident. Because of this incident and other recent, chronic, compliance incidents (not related to cultural resources-but demonstrating a trend in increased, non-compliance activity) a CPUC Project Memorandum (PM) was issued to SDG&E on July 27, 2017 (see Table 2). Corrective actions included in the PM intended to provide better communication between crews and monitors. Since the incident, SDG&E has conducted retraining for the construction crews, added additional environmental oversight monitoring, and distributed daily lookahead schedules with better construction activity details.
2. On August 3, SDG&E reported that an archaeological feature was discovered during potholing activities along Kettner Boulevard. 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.

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 08/10/17)

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.
TEWS #4	06/21/17	06/22/17	12 kV Underground	Use of three areas for equipment storage near the India Street Underground.
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 08/10/17)

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, July 25, 2017.

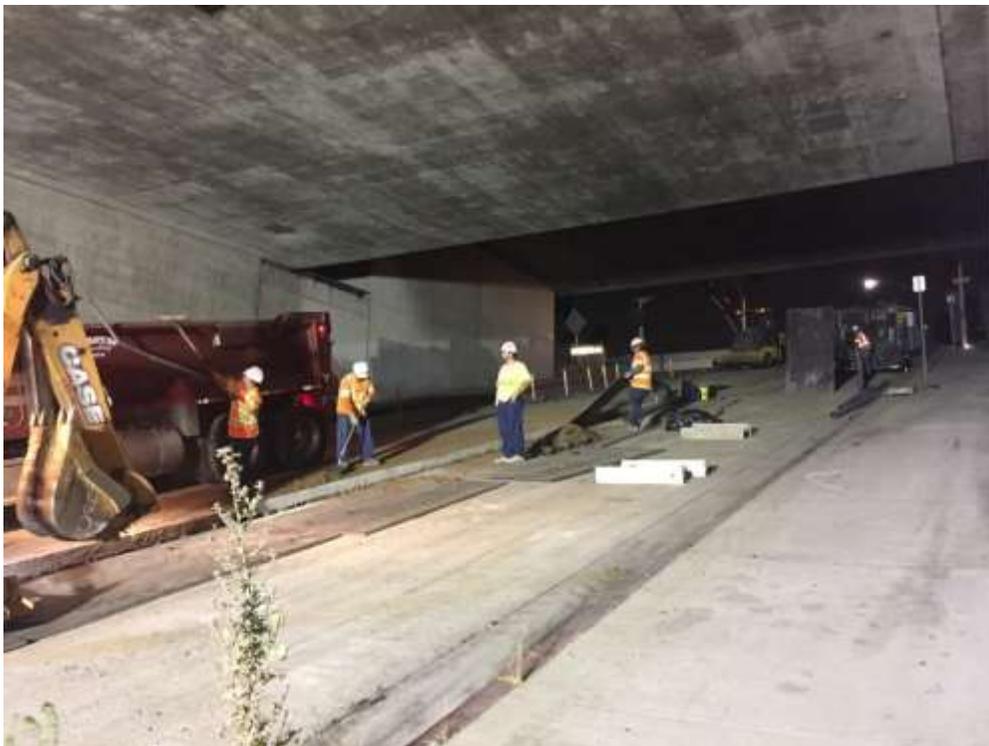


Figure 2 – NPL crews working within traffic control areas along Vine Street, July 25, 2017.