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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 15, 2016
Subject: Monitoring Report #2: July 30 to August 12, 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 1-3, 2016.

Work Schedule: Construction was conducted Monday-Friday between 8:30-3:30.

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

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

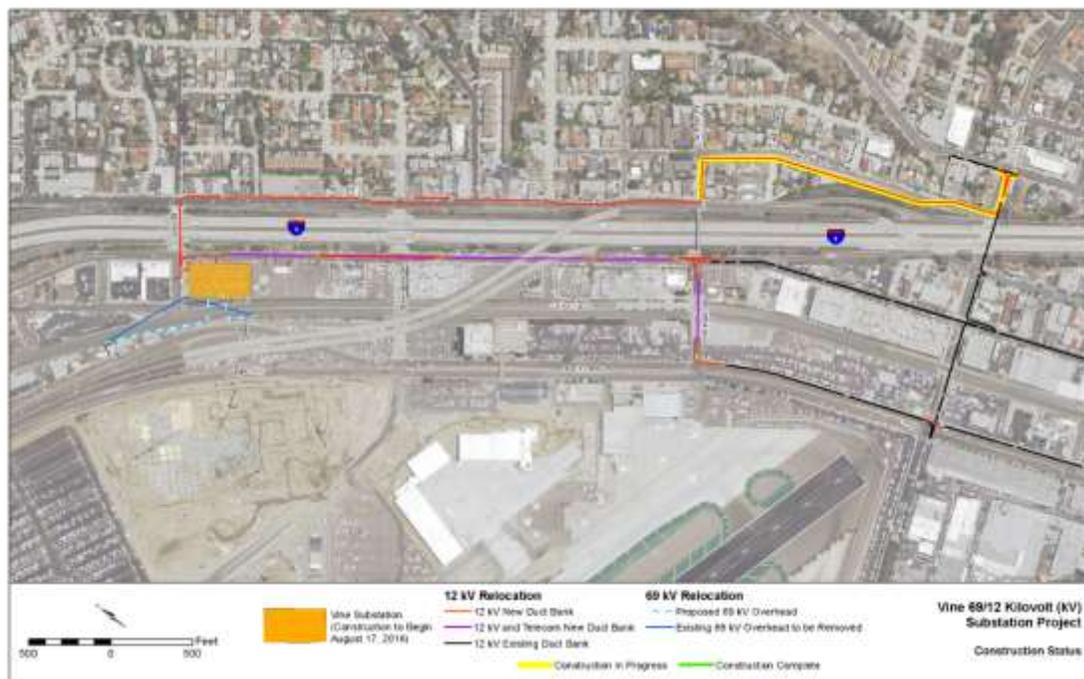
Summary of Activity: Please see Exhibit A

1. Utility potholing, saw-cutting of asphalt, and excavation of trenches took place along W. Laurel and Columbia Streets (see Figure 1). Excavated soils were hauled offsite. Excavations were covered at the end of the work day using steel plates (see Figure 2). NPL is the contractor conducting the 12-kV relocation.
2. During trenching on August 8, an unanticipated cultural discovery was found consisting of train rails. SDG&E's archaeological specialists halted work at the location until the find was evaluated. SDG&E completed the necessary consultation and investigations, and work was allowed to resume at this location.
3. No vaults were installed during the subject period. There are a total of five vaults in the Columbia Segment. Four of five vaults have been installed and the remaining vault located on India Street will be installed once the Caltrans encroachment permit has been secured.
4. Conduit installation occurred between vaults and concrete was used to backfill the trenches (see Figures 3 and 4).



5. Material and equipment storage took place at the Vine Substation site and at the approved TEWS parking area off of W. Laurel Street.
6. Traffic controls were installed where needed and were removed at the end of each work day. Portions of both Laurel and Columbia Streets are closed during the construction of the 12-kV Underground.
7. BMPs were installed and maintained as needed to protect storm drain inlets.
8. Archaeological and Paleontological monitoring took place on a daily basis.
9. During the subject period, no TEWS or Minor Project Changes were requested. See Table 2 for approved TEWS to date.
10. SDG&E received confirmation of extended allowable work hours along Columbia street between 8:30am and 3:30pm Monday-Friday. The approval from the City was provided to the CPUC.

Exhibit A – Construction Status



Environmental Compliance

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

1. **Air Quality** - On August 2, the CPUC EM observed that the NPL contractors were using a street sweeping attachment which was not in compliance with local air quality rules (see Figure 5). This information was communicated to the SDG&E Environmental Inspector (EI). The CPUC EM provided the applicable rule information to SDG&E. SDG&E reported that NPL had obtained a certified street sweeper consistent with the local air quality rules.
2. **Air Quality** - NPL has two pieces of Tier 2 equipment in use on the Project. In accordance with Mitigation Measure AQ-1, both were used for less than 10 days and were removed from the Project on August 5.

3. **Hazardous Materials** - On August 2, the CPUC EM toured the Vine Substation area where NPL’s materials and equipment were staged. A motorized trailer was observed to be leaking onto the pavement and no drip pan had been placed underneath the motor (see Figure 6). This was reported to SDG&E’s EI. Absorbent material was used to remove as much material as possible and a drip pan was placed under the engine.
4. **SWPPP** - The CPUC EM observed uncontained construction waste being stored at the Vine Substation site. No dumpsters were located at the site. According to SDG&E, NPL planned to dispose of all of the material offsite.

Vine Substation Construction

Summary of Activity

1. No work occurred. Construction of the Vine Substation is expected to begin August 17, 2016, subject to issuance of the grading permit by the City.

69 kV Loop In

Summary of Activity

No work occurred.

Telecom System Upgrades

Summary of Activity

No work occurred.

Temporary Extra Workspaces (TEWS)

Table 1 summarizes the TEWS for the Vine Substation Project.

Table 1
Temporary Extra Workspaces (TEWS)
(Updated 08/16/16)

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.

PROJECT PHOTOGRAPHS



Figure 1 – Trenching continued along Columbia Street. Excavated materials are being hauled offsite.

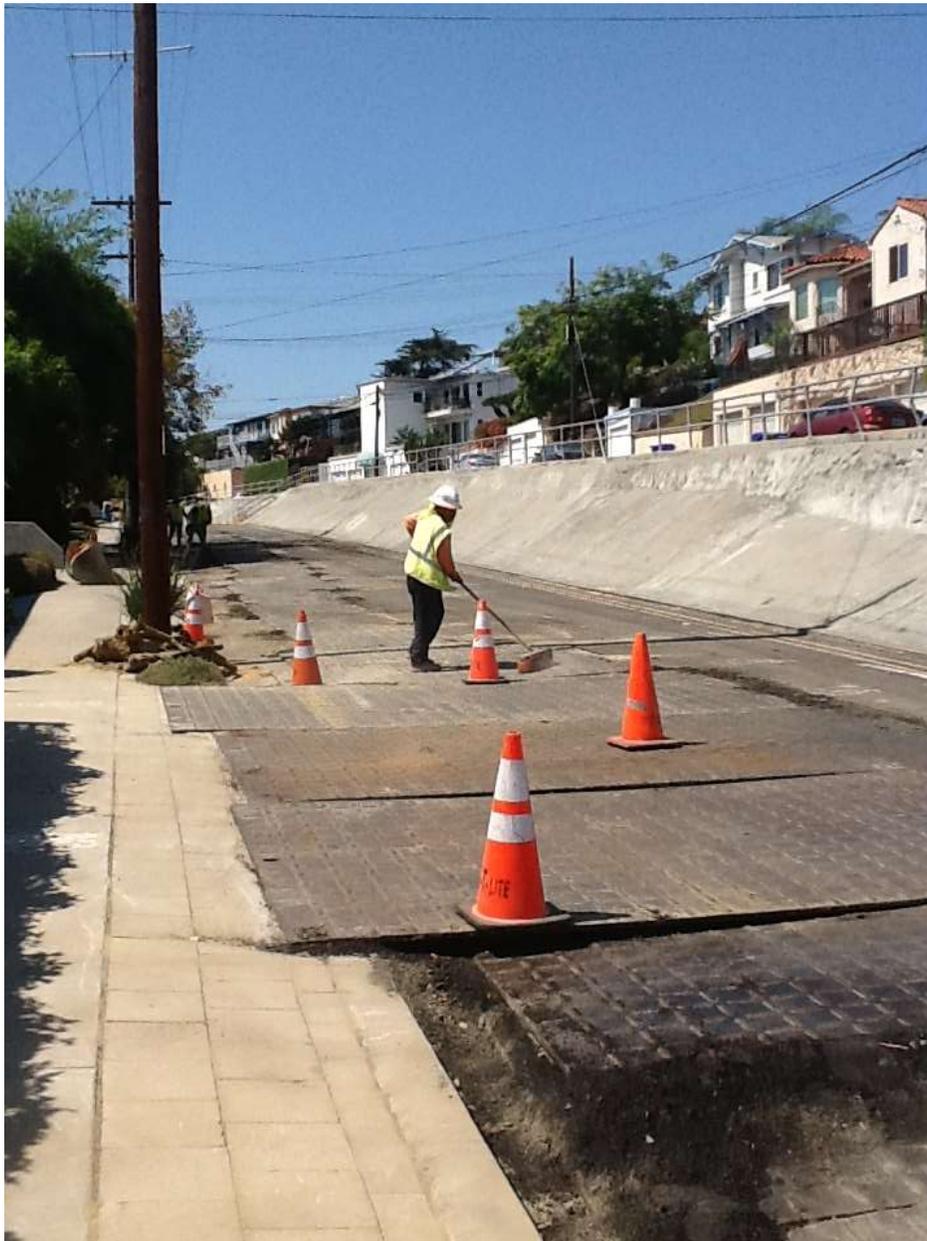


Figure 2 – Steel plate placement over the trenchline at the end of the day along Columbia Street.



Figure 3 – Conduit installation in the trench along Columbia Street.



Figure 4 – Concrete backfilling of the trench after conduit installation along Columbia Street.



Figure 5 – NPL’s street sweeper was not on the SCAPCD approved list of sweepers.



Figure 6 – Leaking equipment at the Vine Substation yard without secondary containment.