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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 2, 2016
Subject: Monitoring Report #1: July 18 to July 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 Notices to Proceed (NTPs) for construction and Temporary Extra Work Spaces (TEWS) are provided in Tables 1 and 2.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite July 18-20 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 on for the entirety of the Vine 69/12-kV Substation Project (see Table 1 below).

Construction & Compliance

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

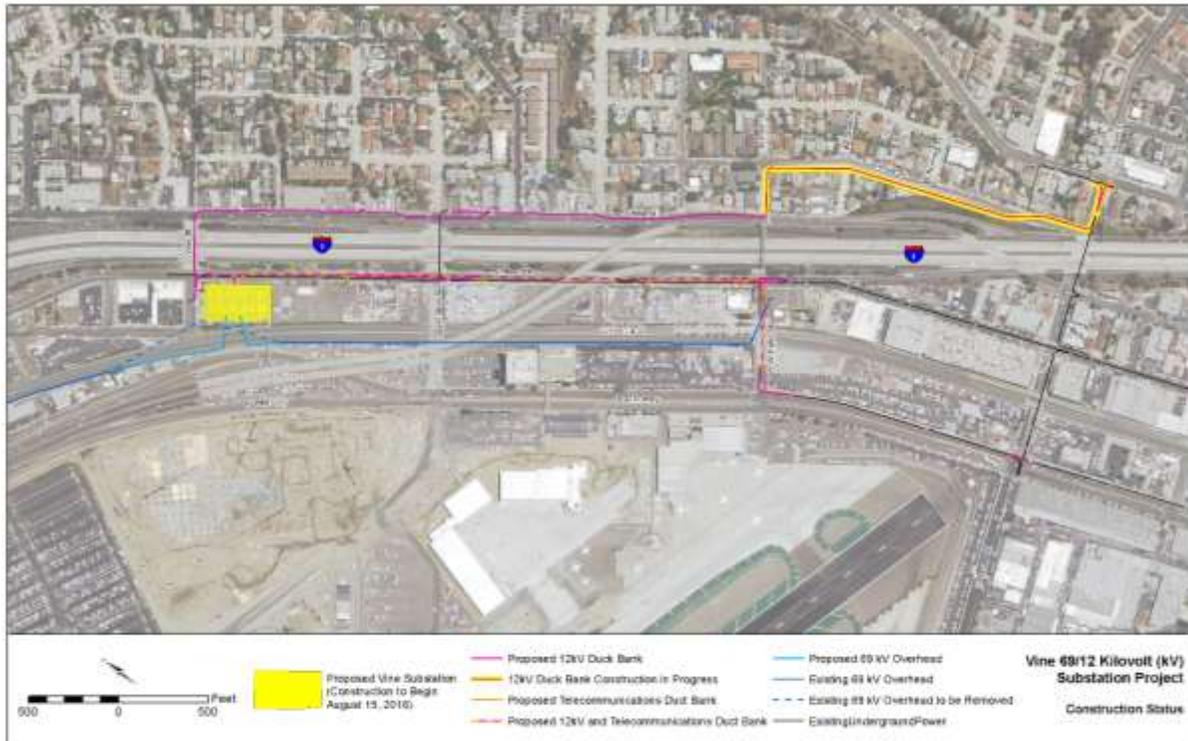
Summary of Activity: Please see Exhibit A

1. Utility potholing, saw-cutting of asphalt, excavation of trenches and vaults took place along Laurel Street and Columbia Street (see Figures 1 and 2). Excavated soils were hauled offsite. Excavations were covered at the end of the work day using steel plates. NPL is the contractor conducting the 12-kV installation.
2. Three vaults were installed during the subject period. There are a total of five vaults in the Columbia Segment. During vault excavations, an unanticipated cultural discovery was found at the vault excavation on Laurel Street. The archaeological monitor halted work while the find could be evaluated. SDG&E completed the necessary consultation and investigations and work was allowed to resume at this location. At another vault excavation location on Columbia Street, two utility pipes were encountered (see Figure 3). Excavation was halted until it could be determined that the pipes were abandoned. The pipes were cut off and removed and excavation continued.
3. Condit installation occurred between vaults and concrete was used to backfill the trenches.
4. Material and equipment storage took place along Columbia Street and at the Vine Substation Site.
5. 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 (see Figure 4).



6. BMPs were installed and maintained as needed to protect storm drain inlets.
7. Archaeological and Paleontological monitoring took place on a daily basis.
8. During the subject period, three Temporary Extra Workspace (TEWS) requests were reviewed for contractor staging areas. Two TEWS were approved and one did not meet the criteria outlined in the MMCRP. See Table 2 for approved TEWS.
9. SDG&E received confirmation of extended allowable work hours along Columbia street between 8:30am and 3:30pm Monday-Friday.

Exhibit A – Construction Status



Environmental Compliance

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

1. **Traffic** - On July 18, several pieces of equipment and material was left overnight in public parking spaces along Columbia Street. In one case, an excavator was parked partially on the curb and did not have a drip pan placed underneath (see Figure 5). The CPUC EM raised concerns that the construction equipment left overnight could conflict with City permits and that parking was being taken away from local residents. On July 19, the construction equipment was taken to the Vine Substation site.
2. **Traffic** - On July 19, crews were observed installing traffic controls prior to the approved 8:30 am start time along Laurel Street. SDG&E reported a Level B non-compliance when crews did not complete work by 3:30pm on July 21 due to a shoring jack malfunction. In that case, traffic controls were left in place until 4:30 while NPL stabilized the excavation.

3. **SWPPP** - Cold mix was observed on July 18 being stored on Columbia without the necessary containment (see Figure 6). This was reported to the Project Environmental Inspector (EI) and the material was placed on containment the following day.

Vine Substation Construction

Summary of Activity

1. No work occurred. Construction of the Vine Substation is expected to begin August 15, 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.

Notice to Proceed #1

Table 1 summarizes Notices to Proceed #1 for the Vine Substation Project.

Table 1
Notices to Proceed (NTPs)
(Updated 07/29/16)

NTP	Date Requested	Date Issued	Phase	Description
NTP #1	06/02/16	06/08/16	Vine 69/12 kV Substation Project	Construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades (entire project).

Temporary Extra Workspaces (TEWS)

Table 2 summarizes the Temporary Extra Workspaces for the Vine Substation Project.

Table 2
Temporary Extra Workspaces (TEWS)
(Updated 07/29/16)

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.

PROJECT PHOTOGRAPHS



Figure 1 – Crews saw-cutting along Columbia Street in advance of trenching crews.



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



Figure 3 – Abandoned utility pipes found during vault excavations along Columbia Street.



Figure 4 – Signage in place along Columbia Street for the 12 kV distribution relocation work.



Figure 5 – NPL's excavator parked on Columbia Street overnight.



Figure 6 – Cold mix stored directly on the street along Columbia Street.