



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-2285
Tel. 818-597-3407, Fax 818-597-8001, 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: July 18, 2017
Subject: Monitoring Report #15: June 11 to July 8, 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 5-6, 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 Street 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. Transformers were filled with oil from a temporary storage tank.
3. Kearney crews conducted control shelter and yard wiring, and circuit breakers were delivered.
4. Conduit and forms were installed for a capacitor bank pad (see Figure 1).



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

Summary of Activity:

5. Construction of the 12 kV underground portion resumed on May 8 at the Palm Street railroad crossing. Underground distribution work is being conducted by NPL.
6. Backfilling of open trenches took place along Palm Street near the jack and bore area was completed during the subject period.
7. 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 (see Figure 2).
8. On June 15 at approximately 12:16 am, SDG&E reported that NPL trenching crews working along India Street struck and ruptured a 2-inch diameter gas mainline. The gas line was marked and potholed prior to trenching. SDG&E first responder and emergency crews arrived and controlled the gas leak. Eleven customers experienced a gas outage as a result of the incident. No injuries occurred. In order to conduct the repairs, traffic control had to remain in place until approximately 9:00 am, outside of approved hours under the Traffic Control Permit. SDG&E provided the CPUC with an incident report documenting the line rupture on June 16.
9. 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. Archaeological and paleontological monitoring took place during excavation work along India and Palm when excavations took place in native soils. No resources were identified during the subject time period.
2. SDG&E reported separate Level B compliance incidents on June 13, 16, and 19 for the contractor's storage of steel plates along India Street between the hours of 5:00 am and 9:00 pm.
3. SDG&E reported a Level B compliance incident on June 15 when traffic control remained in place outside of the approved Traffic Control Permit. The extended closure was due to emergency repairs taking place from the gas mainline leak which occurred during construction the night before.
4. SDG&E reported a Level B compliance incident on June 20 for inadequate sediment controls around soil stockpiles stored at the Kettner Staging Yard. SDG&E's Environmental Inspector verified that the required measures were installed on June 23.
5. SDG&E reported a Level B compliance incident on June 20 for the storage of two shoring boxes within public parking spaces along West Redwood Street.

6. SDG&E reported a Level B compliance incident on June 23 for an uncovered soil stockpile at the Kettner Staging Yard.
7. The CPUC EM documented a Level B compliance incident on July 6 for an excavator stored within the Vine Street TEWS area without secondary containment (see Figure 3). An SDG&E Level B compliance incident was issued on July 6 for the same incident.
8. The CPUC EM documented a Level B compliance incident on July 6 for an uncovered and overflowing trash can located at the Sassafras TEWS area after work had ended (see Figure 4). An SDG&E Level B compliance incident was issued on July 6 for the same incident.
9. SDG&E reported a Level B compliance incident on July 7 for the same trash issue at the Sassafras TEWS area.

Public Involvement

1. On June 7, SDG&E received a complaint from a customer living near the India Street 12 kV work. The resident was upset that the work was being conducted during the night and keeping him awake. SDG&E arranged for the resident to be relocated temporarily to a nearby hotel during construction near the residence.
2. On June 14, SDG&E received a complaint from a business located on India Street concerned about the no parking signs for the 12 kV construction and the potential impact on their customer parking. Contact was made with the business manager and to answer and address their questions and concerns.

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 07/18/17)

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

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – Kearney crews continued with component installation at the Vine Substation.



Figure 2 – NPL crews working within traffic control areas along India Street.

Trenching, conduit installation, backfilling, and paving is occurring between 9:00 pm and 5:00 am.



Figure 3 – The CPUC EM found an excavator used by NPL crews stored after work without the necessary drip pan.



Figure 4 – The CPUC EM observed an uncovered and overflowing trash can used by the NPL crews staged near India Street after their work shift had ended.