

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: November 6, 2017
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #43– October 22 to October 28, 2017

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project for the week of October 22 to October 28, 2017.

A summary of the Notices to Proceed, Minor Project Refinement, and Temporary Extra Workspace Requests are provided in Tables 1, 2, and 3, respectively. A summary of Non-compliance, Project Memoranda and Incidents is provided in Table 4. Daily Inspection Reports are provided in Appendix A.

CPUC/Panorama Environmental Monitors (EMs): Korey Klutz

STAGING YARDS

Summary of Activity:

Stonebridge Staging Yard:

1. Delivering materials and equipment; and maintaining BMPs.

Driving Range Staging Yard:

1. Delivering and removing materials and equipment; and maintaining BMPs.

Vulcan Staging Yard:

1. Maintaining BMPs; delivering materials and equipment; and delivering, sorting, and removing spoil material from night excavations.

Crestmar Point Staging Area:

1. Delivering materials and equipment; and inspecting BMPs.

Underground Transmission Line:

1. Nighttime construction in Segment 5 along Sections 1 through 19 (approximately at Stations 13+00 to 321+00): Saw cutting for trenches and vaults; installing and mandreling conduit; backfilling; painting vaults; laying asphalt; maintaining BMPs; and installing storm drain inlet protection.
2. Daytime construction in Segment 3 in Sections 7 through 15 (approximately at Stations 518+00 to 635+00): Saw cutting for trenches and vaults; excavating trenches; potholing; installing and mandreling conduit; installing cable brackets within vaults; backfilling; laying asphalt; and maintaining BMPs.

Overhead Transmission Line:

1. Cable pole P03: No activity.
2. Cable pole P04: No activity.
3. Cable pole P05: Pouring concrete pole foundations; stripping jigs and concrete forms.
4. Cable pole P06: Installing power pole; hanging cable pole arms and hardware.
5. Cable pole CC MM CP: No activity.

Peñasquitos Substation:

1. Excavating new pad foundations; pouring concrete foundations; and trenching for cable installation within the substation.

Sycamore Substation:

1. Cutting asphalt for cable trench excavation.

Environmental Compliance:

1. All pavement was kept clean during this reporting period. No winds occurred that were higher than 20 mph. All off-road diesel-powered construction equipment met a minimum of EPA Tier 3 standards.
2. Monitoring for special-status species was implemented to avoid and minimize impacts to biological resources. No special-status species were observed during the monitoring period. All project equipment arrived clean and free of mud and/or vegetation.
3. During this reporting period, archaeological, Native American, and paleontological monitoring of vault excavations and trenching occurred in areas of high potential for paleontologically sensitive deposits and archaeological resources. On the west side of the project, the trench excavations were in disturbed soil/fill material where the potential to encounter historical or archaeological resources was low. Spot-checking during backhoe activities and within the trench excavations occurred. Cultural monitoring teams monitored grading activities, drilling, and trenching undertaken for overhead work. Paleontological monitors spot-checked grading activities to verify the soil composition as recommended by a Qualified Paleontologist. Site P-37-033557 (Highway 395) continued to be observed by archaeological monitors along Pomerado Road. The archaeological monitor documented the resource as recommended by the CPUC-approved cultural resources specialist/archaeologist. No other archeological and/or paleontological resources were observed during this reporting period.

4. On October 26, 2017, approximately 4 ounces of hydraulic fluid were released onto the street surface at Segment 3, Section 14, near station 631+00. The release occurred when an excavator was being loaded onto a lowboy trailer for demobilization. The release was cleaned up on the same day with absorbent material and pads, which were stored in the hazardous waste storage bins located in the Stonebridge Staging Yard. No other hazardous material spills occurred during this reporting period.
5. All construction activities occurred in accordance with the approved Construction Fire Prevention Plan. All construction vehicles were equipped with the required fire tools. No fire incidents were reported during this reporting period. A Red Flag Warning was issued by the National Weather Service on October 23, 24, and 25, 2017, for Zone 250 which covers the portion of the Project located east of the intersection of Willow Creek Road and Pomerado Road. In accordance with the Fire Plan, construction activities were restricted on October 23, 24, and 25, 2017. Underground and overhead activities were allowed to continue west of the intersection of Willow Creek and Pomerado Road on October 23, 24, and 25, 2017, as this area was not issued a Red Flag Warning.
6. Daytime underground construction activities occurred Monday through Friday, from 8:30 am to 3:30 pm, and on Saturday from 8:00 am to 4:30 pm. Daytime overhead construction activities occurred Monday through Saturday, from 7:00 am to 7:00 pm. Nighttime underground construction activities occurred Sunday through Thursday, from 9:00 pm to 5:00 am.
7. Project personnel parked their personal vehicles within a designated personal vehicle parking area within the project limits within the Stonebridge Staging Yard. Workers parked within the work limits of the Driving Range Staging Yard or parked on the adjacent public street. Traffic Control Permits were obtained from the City of San Diego.
8. The QSP conducted required daily inspections during this reporting period. A vacuum was used to collect excess water, and a street sweeper was used to clean up excess sediment/dust during sawcutting activities. All equipment staged along the ROW, at the overhead sites, and stored in the staging yards, had drip pans or absorbent pads in place to capture oil drips/leaks. Regular BMP installation and maintenance occurred throughout the week. On Oct 25, 2017, the QSP monitor notified the LEI regarding a BMP installation recommendation at the Crestmar Staging Area where an unprotected storm drain inlet was observed near the northeast boundary of the staging area outside of the Project limits. The QSP monitor and the LEI determined that placement of BMPs upslope of the inlet would be beneficial to prohibit unauthorized non-stormwater discharges from entering the inlet. The contractor was notified of the recommendation and additional BMPs were ordered and will be placed to protect the inlet.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,518 project personnel have received the required SEAP training, and 1,414 project personnel have received the UXO training.

- 10. There were no Compliance Level Incidents during this reporting period.
- 11. No complaints were received during this reporting period.

Agency Representatives during Construction (other than CPUC EMs): None

CPUC NOTICES TO PROCEED (NTPs)

Table 1 summarizes the CPUC NTP activity for the SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project to date.

Table 1 CPUC NTPs

NTP #	Date Submitted	Date Issued	Segment #	Description
1	12/05/16	12/29/16	N/A	Mobilize and begin operations at the construction staging yards.
2	01/23/17	02/07/17	Segment B	Construct the underground portion of the Project from Sycamore Substation to Structure P03, and from Structure P05 to Structure CC MM CP.
3	02/03/17	02/27/17	Segment A Segment C	1. Overhead construction from Sycamore Substation to Structure P06 2. Overhead construction from Structure CC MM CP to the Peñasquitos Substation 3. Deepwell AC mitigation installation 4. Construction activities at Sycamore Canyon and Peñasquitos Substations

MINOR PROJECT REFINEMENT & TEMPORARY EXTRA WORKSPACE REQUESTS

Tables 2 and 3 summarize the Minor Project Refinements (MPRs) and Temporary Extra Workspace (TEWS) Requests have been submitted to date.

Table 2 Minor Project Refinement (MPR) Requests

MPR Request	Date Submitted	Date Issued	Segment #	Description
#1	12/06/16	1/11/17	Segment A	Underground 230-kV getaway from Sycamore Substation to Structure P03.
#2	01/17/17	01/24/17	Segment B	Realignment of the 230-kV underground transmission line from Miramar Road north on Black Mountain Road and west on Activity Road.
#3	03/06/17	03/08/17	Segment A	Provides temporary power to the SDG&E trailer at the Stonebridge Staging Yard through the existing power box located outside of the existing Project boundary.

MPR Request	Date Submitted	Date Issued	Segment #	Description
#4	04/18/17	04/20/17	Segment B	Modifies the approved 2.61-acre Vulcan Mine Yard location approximately 884 feet to the west to an approximately 1.71-acre paved area.
#5	07/10/17	07/11/17	Segment B	Establishes staging yards along southern perimeter of Pomerado Road and temporary work spaces north of P05 and P06
#6	08/03/17	08/04/17	Segment B	Establishes staging yards along southern and northern perimeters of Pomerado Road
#7	08/25/17	08/28/17	Segments B, C	Establishes a staging yard at the southwest corner of the intersection of Pomerado Road and Avenue of Nations (previously approved in TEWS #1), and extends the temporary work space surrounding Structure E40
#8	09/12/17	Denied	South of Segment C	Adds temporary work areas around 16 poles and 14 guard structures south of Carroll Canyon Road and east of Interstate 805. The refinement area extends approximately 2 miles south of CC MM CP.
#9	10/06/17	10/11/17	Segment B	Adds a paved, developed area off Crestmar Point for use as a staging area for vehicles and construction equipment.

Table 3 Temporary Extra Workspace (TEWS) Requests

TEWS Request	Date Submitted	Date Issued	Segment #	Description
#1	06/29/17	07/05/17	B	Additional staging area located at the southwest corner of the intersection of Pomerado Road and Avenue of Nations
#2	07/19/17	07/19/17	B	Addition to approved temporary work area on Pomerado Road.
#3	09/02/17	09/04/17	C	New location for temporary guard structure 06 in a paved parking lot at the intersection of Lusk Blvd. and Wateridge Circle.

NON-COMPLIANCES, PROJECT MEMORANDA & INCIDENTS

There were no non-compliances, memoranda or incidents reported during this reporting period.

Table 4 Non-Compliances, Project Memoranda, and Other Incidents

Type	Date	Location	Description
Level 1	04/12/2017	Segment B	Potable water was used in a street sweeper

Type	Date	Location	Description
Memoranda	04/19/2017	Segment B	Traffic incident at Driving Range Staging Yard
Level 1	04/24/2017	Segment B	Presence of trash along the project alignment
Level 1	05/01/2017	Segment B	Working outside of City-approved hours
Memoranda	05/03/2017	Segment B	Traffic incident at Snapple/7-Up Plant
Memoranda	05/18/2017	Segment B	Traffic incident at Station 169+89
Memoranda	05/23/2017	Segment B	Unauthorized non-stormwater discharge
Level 1	06/08/2017	Segment B	Non-adherence to approved Fire Plan
Level 2	06/15/2017	Segment B	Non-adherence to approved Fire Plan
Memoranda	07/06/2017	Segment B	Traffic incident at Carroll Canyon Road
Level 1	07/20/2017	Segment B	Non-adherence to approved Fire Plan
Memoranda	07/20/2017	Segment B	Traffic incident at Miralani Drive
Memoranda	08/03/2017	Segment B	Traffic incident at Pomerado Road
Memoranda	08/10/2017	Segment B	Unauthorized non-stormwater discharge
Level 1	08/16/2017	Segment B	Staging equipment outside of approved limits
Level 3	08/28/2017	Segment B	Non-adherence to approved Fire Plan Non-adherence to SEAP training requirement Working outside of approved limits
Level 1	08/29/2017	Segment C	Driving equipment on non-approved access road
Memoranda	09/07/2017	Segment B	Unauthorized non-stormwater discharge
Memoranda	09/14/2017	Segment B	Spot fire on Pomerado Road caused by grinding activity spark

ATTACHMENT A INSPECTION REPORTS

2017-10-26 AM Inspection Report

SDG&E Sycamore- Peñasquitos 230-kV Transmission Line Project: Daily Inspection Report

Inspection Date	2017-10-26
Start Time	10:00:00
End Time	14:44:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Work was active from Trade Street East to P03. Cable work included two areas: one on Trade Street and one on Trade Place. Pomerado Road work included cement backfill, conduit installation, and trenching/excavation. On Stonebridge Pkwy. there was potholing and pavement cutting. Overhead work included sag/wire work on P03 and cement work for pole installation at P04.
Summary of Compliance Activities	LEI, EI and monitors were onsite actively ensuring compliance. Traffic control measures were implemented as approved. An excavator sprang a leak on Stonebridge Pkwy. but the EI and work crews properly dealt with spill.
Were any issues encountered?	No

Photo Log

Photo



Caption Eastern edge of work on Pomerado Road.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 13:04:01 GMT-0700 (PDT)
Coordinates: 32.914195, -117.071702
View Direction: West

Photo



Caption Clean up of hydraulic spill on Stonebridge Pkwy.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 12:50:12 GMT-0700 (PDT)
Coordinates: 32.921251, -117.057173
View Direction: South

Photo



Caption P05 concrete work for tower.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 12:41:58 GMT-0700 (PDT)
Coordinates: 32.922389, -117.040214
View Direction: Northwest

Photo



Caption Overhead line sag work at P04.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 12:23:40 GMT-0700 (PDT)
Coordinates: 32.922235, -117.039726
View Direction: Southeast

Photo



Caption Concrete backfill on Pomerado Road.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 11:32:06 GMT-0700 (PDT)
Coordinates: 32.905967, -117.080737
View Direction: West

Photo



Caption Trench work on Pomerado Road west of Fairbrook Road.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 11:24:36 GMT-0700 (PDT)
Coordinates: 32.907452, -117.076813
View Direction: West

Photo



Caption Western edge of work on Pomerado Road.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 11:15:03 GMT-0700 (PDT)
Coordinates: 32.904787, -117.085550
View Direction: East

Photo



Caption Vault mandrelling.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 10:53:37 GMT-0700 (PDT)
 Coordinates: 32.889171, -117.154777
 View Direction: South

Photo



Caption CC MM CP pole site, no active work.

Photo Attributes Capture Date/Time: Thu Oct 26 2017 10:38:50 GMT-0700 (PDT)
 Coordinates: 32.889969, -117.203377
 View Direction: South

Daily Checklist

Q1 – General Avoidance and Minimization: (a) Were the limits of work areas and access roads clearly marked? (b) Were construction activities limited to CPUC-approved work areas?

Met Requirements

Q1 Notes

All work was done in approved work areas.

Q2 – Air Quality/GHG: (a) Were dust avoidance and minimization requirements implemented and monitored adequately? (b) Was dust generation below required thresholds? (c) Were equipment

Met Requirements

and vehicles maintained and operated in a manner to limit emissions? (d) Was organic waste collected and separated from non-organic waste for appropriate composting or recycling, as appropriate?

Q3 – Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?

N/A

Q4 – Wildlife (Non-Avian): Were impact avoidance and minimization requirements for wildlife implemented adequately (e.g., avoiding sensitive areas, covering excavations, and inspecting equipment/trenches)?

Met Requirements

Q5 – Nesting and Burrowing Birds: (a) Were active nests and occupied burrows identified and monitored during applicable seasons, as required? (b) Were impact avoidance and minimization requirements for any active nests or occupied burrows implemented adequately?

N/A

Q6 – Water Features and Aquatic Habitat: Were water features avoided?

Met Requirements

Q7 – Stormwater, Erosion, and Sediment Control: (a) Were erosion and sediment control BMPs in place and functioning properly? (b) Were inactive or completed work areas stabilized and/or restored adequately?

Met Requirements

Q8 – Invasive Weed Control: Were procedures to prevent the spread of invasive weeds implemented adequately?

Met Requirements

Q9 – Hazardous Materials and Waste Management: (a) Were hazardous materials stored and labeled properly? (b) Was hazardous material waste disposed of appropriately? (c) Were any spills or leaks addressed adequately? (d) Was solid waste collected and disposed of adequately?

Met Requirements

Q9 Notes

Small 4oz hydraulic spill from an excavator on Stonebridge Pkwy. Spill was properly dealt with and materials were removed from ROW.

Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?

Met Requirements

Q10 Notes

Fire tools were onsite and the fire management measures implemented per the approved management plan.

Q11 – Cultural, Paleontological, and Tribal Resources: (a) Were cultural, paleontological, and tribal resources monitoring and impact avoidance occurring as required? (b) If potential resources or human remains were inadvertently discovered, were response procedures and protocols implemented as required?

Met Requirements

Q11 Notes

Monitors were onsite.

Q12 – Construction Noise: (a) Were noise minimization measures in place, as required? (b) If noise complaints were received, were they documented and addressed, as required?

Met Requirements

Q13 – Maintain Access: (a) Was access to driveways (e.g., businesses, schools, residences) maintained as required? (b) Was access to recreational areas maintained and appropriate signage installed? (c) Was pedestrian and bicycle access maintained, or were detours clearly defined?

Met Requirements

Q14 – Traffic Control (a) Were flaggers present at all times? (b) Were barriers, cones, and signs in place? (c) Were detours clearly marked?

Met Requirements

Q15 – Helicopter Use (a) Were helicopter use restrictions implemented adequately? (b) Were helicopter take-off and landing sites within prescribed limits?

N/A

Q16 – Worker Training and Communication: Have all workers on site received the required environmental trainings for the project?

Met Requirements

Q17 – MMCRP Implementation: (a) Were project activities consistent with the approved project as defined in the EIR and subsequent CPUC authorizations? (b) Were MMCRP procedures implemented adequately?

Met Requirements

2017-10-28 AM Inspection Report

SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project: Daily Inspection Report

Inspection Date	2017-10-28
Start Time	08:09:00
End Time	10:15:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Work was conducted at vault locations west of the I-15, vault prep west of Ave Magnifica, trench work on Pomerado Road, overhead work at P05 and P06, and vault work on Stonebridge Pkwy.
Summary of Compliance Activities	All work was completed within approved CPUC work areas. Traffic control measures were implemented as approved. LEI and monitors were onsite actively ensuring compliance throughout active construction sites.
Were any issues encountered?	No

Photo Log

Photo



Caption Pole installation at P06.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:41:30 GMT-0700 (PDT)
Coordinates: 32.922757, -117.043979
View Direction: North

Photo



Caption P05 cut slope and BMPs.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:37:08 GMT-0700 (PDT)
Coordinates: 32.922485, -117.042388
View Direction: Northeast

Photo



Caption P05 concrete foundations.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:36:19 GMT-0700 (PDT)
Coordinates: 32.922457, -117.042430
View Direction: Southeast

Photo



Caption Wire pullies installed at P04. Crew is actively working at P05.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:24:30 GMT-0700 (PDT)
Coordinates: 32.922256, -117.039994
View Direction: Southeast

Photo



Caption Traffic control on Stonebridge Pkwy.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:18:57 GMT-0700 (PDT)
Coordinates: 32.921670, -117.057840
View Direction: Southeast

Photo



Caption Excavation on Pomerado Road.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:14:58 GMT-0700 (PDT)
Coordinates: 32.912866, -117.072695
View Direction: East

Photo



Caption Conduit installation on Pomerado Road.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:10:14 GMT-0700 (PDT)
Coordinates: 32.909584, -117.074876
View Direction: East

Photo



Caption Vault work west of Avenida Magnifica.

Photo Attributes Capture Date/Time: Sat Oct 28 2017 09:07:33 GMT-0700 (PDT)
Coordinates: 32.904766, -117.085617
View Direction: North

Daily Checklist

Q1 – General Avoidance and Minimization: (a) Were the limits of work areas and access roads clearly marked? (b) Were construction activities limited to CPUC-approved work areas?	Met Requirements
Q1 Notes	All work conducted within approved work limits and during designated work times.
Q2 – Air Quality/GHG: (a) Were dust avoidance and minimization requirements implemented and monitored adequately? (b) Was dust generation below required thresholds? (c) Were equipment and vehicles maintained and operated in a manner to limit emissions? (d) Was organic waste collected and separated from non-organic waste for appropriate composting or recycling, as appropriate?	Met Requirements
Q2 Notes	Street sweeper and water trucks observed onsite ensuring compliance.
Q3 – Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?	N/A
Q4 – Wildlife (Non-Avian): Were impact avoidance and minimization requirements for wildlife implemented adequately (e.g., avoiding sensitive areas, covering excavations, and inspecting equipment/trenches)?	Met Requirements
Q5 – Nesting and Burrowing Birds: (a) Were active nests and occupied burrows identified and monitored during applicable seasons, as required? (b) Were impact avoidance and minimization requirements for any active nests or occupied burrows implemented adequately?	N/A
Q6 – Water Features and Aquatic Habitat: Were water features avoided?	Met Requirements
Q7 – Stormwater, Erosion, and Sediment Control: (a) Were erosion and sediment control BMPs in place and functioning properly? (b) Were inactive or completed work areas stabilized and/or restored adequately?	Met Requirements
Q8 – Invasive Weed Control: Were procedures to prevent the spread of invasive weeds implemented adequately?	Met Requirements
Q9 – Hazardous Materials and Waste Management: (a) Were hazardous materials stored and labeled properly? (b) Was hazardous material waste disposed of appropriately? (c) Were any spills or leaks addressed adequately? (d) Was solid waste collected and disposed of adequately?	Met Requirements
Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?	Met Requirements

Q10 Notes	Fire tools observed at work sites and on vehicles within ROW.
Q11 – Cultural, Paleontological, and Tribal Resources: (a) Were cultural, paleontological, and tribal resources monitoring and impact avoidance occurring as required? (b) If potential resources or human remains were inadvertently discovered, were response procedures and protocols implemented as required?	Met Requirements
Q11 Notes	Monitors observed onsite.
Q12 – Construction Noise: (a) Were noise minimization measures in place, as required? (b) If noise complaints were received, were they documented and addressed, as required?	Met Requirements
Q13 – Maintain Access: (a) Was access to driveways (e.g., businesses, schools, residences) maintained as required? (b) Was access to recreational areas maintained and appropriate signage installed? (c) Was pedestrian and bicycle access maintained, or were detours clearly defined?	Met Requirements
Q14 – Traffic Control (a) Were flaggers present at all times? (b) Were barriers, cones, and signs in place? (c) Were detours clearly marked?	Met Requirements
Q14 Notes	Traffic measures implemented as approved.
Q15 – Helicopter Use (a) Were helicopter use restrictions implemented adequately? (b) Were helicopter take-off and landing sites within prescribed limits?	N/A
Q16 – Worker Training and Communication: Have all workers on site received the required environmental trainings for the project?	Met Requirements
Q17 – MMCRP Implementation: (a) Were project activities consistent with the approved project as defined in the EIR and subsequent CPUC authorizations? (b) Were MMCRP procedures implemented adequately?	Met Requirements