

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: December 21, 2017
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #50 – December 11 to December 16, 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 December 11 to December 16, 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): David Flietner

STAGING YARDS

Summary of Activity:

Stonebridge Staging Yard:

1. Inspecting BMPs.

Driving Range Staging Yard:

1. Delivering equipment and inspecting 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 3 through 20 (approximately at Stations 58+00 to 322+00): Mandreling conduit.
2. Daytime construction in Segment 3 in Sections 7 through 15 (approximately at Stations 120+00 to 260+00): Installing cable; splicing; and bracketing within vaults.

Overhead Transmission Line:

3. P03: No activity.
4. P04: No activity.
5. P05: No activity.
6. P06: No activity.
7. CC MM CP: Pulling wire and installing equipment.

Peñasquitos Substation:

1. Pulling wire and installing equipment.

Sycamore Substation:

1. Excavating and backfilling conduit trench.

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, paleontological, and Native American monitors were on site for ground-disturbing activities in areas with a moderate to high potential of encountering resources. Full-time archaeological, Native American, and paleontological monitoring of trenching and vault excavation towards the east side of the project continued in areas of high potential for archaeological resources and paleontologically sensitive deposits. Potholing activities, by use of a vacuum method, continued during the week; these activities were spot-checked, as needed. No night monitoring occurred during this reporting period. Monitoring was discontinued at night because activities were limited to areas that were previously disturbed by construction or are in disturbed soil/fill material where the potential to encounter archaeological or paleontological resources is low. Cultural monitoring teams and paleontological monitors observed trenching and vault excavations along Pomerado Road and Stonebridge Parkway, trenching excavations at the Sycamore Canyon Substation, and excavations between P03 and Sycamore Substation. No cultural or paleontological resources were observed during this reporting period.
4. On December 12, 2017, approximately 10 ounces of hydraulic fluid was released onto the soil surface from a crane that was lifting a pole structure at E43. The release was cleaned up, labeled and taken to the Stonebridge Staging Yard where it was stored in an on-site metal hazardous waste storage drum. The contractor had a mechanic inspect the crane

for the cause of the release; however, upon inspection the mechanic determined that the crane was no longer releasing hydraulic fluid. No other hazardous materials releases occurred during this reporting period.

5. During this reporting period, a Red Flag Warning was issued by the National Weather Service on December 14 and 15, 2017, for the Mountains and Valleys (Zone 250). This zone covers the entirety of the project work areas east of Interstate 15 (I-15). In accordance with the Fire Plan, construction activities were restricted from December 14 and 15, 2017, east of I-15. Normal work activities west of the I-15 continued. 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.
6. Daytime underground construction activities occurred Monday through Friday, from 8:30 am to 3:30 pm. Daytime construction activities on Stonebridge Parkway occurred Monday through Friday from 9:00 am to 3:30 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. Daytime and nighttime construction activities occurred in accordance with the City of San Diego approved Traffic Control Permits.
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.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,624 project personnel have received the required SEAP training, and 1,520 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.
#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

MPR Request	Date Submitted	Date Issued	Segment #	Description
#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.
#10	11/29/17	11/29/17	Segment B	Authorizes a newly identified underground route option for the crossing of Interstate-15, using a tunnel bore machine to install the 230-kV line
#11	11/22/17	11/29/17	Segment A	Adds approximately 0.13 acre of temporary work space to accommodate the installation of the 138-kV and 230-kV trench packages north of Sycamore Canyon Substation

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
#4	12/13/17	12/14/17	C	Temporary Work Space for a helicopter landing zone located within an asphalt-covered parking lot at 6925 Lusk Boulevards

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
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

Type	Date	Location	Description
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

2017-12-13 AM Inspection Report

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

Inspection Date	2017-12-13
Start Time	09:45:00
End Time	13:20:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Trenching, potholing, repaving, and mandreling were observed on Pomerado Road and Stonebridge Parkway as well as excavating at PO3.
Summary of Compliance Activities	I observed archaeological and/or Native American monitors on Pomerado Road, Stonebridge Parkway, and PO3, and was told a paleontology monitor was also working at various locations.
Were any issues encountered?	No

Photo Log

Photo



Caption Excavation at PO3 with archaeological monitor present.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 13:01:06 GMT-0800 (PST)
Coordinates: 32.918809, -117.031198
View Direction: Northwest

Photo



Caption Trenching at PO3.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 12:50:01 GMT-0800 (PST)
Coordinates: 32.919347, -117.031469
View Direction: East

Photo



Caption Work limits staking drainage at PO3.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 12:45:16 GMT-0800 (PST)
Coordinates: 32.91994, -117.032361
View Direction: Northeast

Photo



Caption Topsoil storage with erosion control at PO3.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 12:41:11 GMT-0800 (PST)
Coordinates: 32.919969, -117.032347
View Direction: Southeast

Photo



Caption Digging on Stonebridge Parkway. Two monitors on hand.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 11:42:19 GMT-0800 (PST)
Coordinates: 32.921832, -117.051187
View Direction: Northwest

Photo



Caption Potholing at Pomerado Road and Stonebridge Parkway.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 11:11:36 GMT-0800 (PST)
Coordinates: 32.922827, -117.059193
View Direction: North

Photo



Caption Concrete pour on Pomerado Road.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 10:37:14 GMT-0800 (PST)

Photo



Caption Repaving crew on Pomerado Road.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 10:14:50 GMT-0800 (PST)
Coordinates: 32.916974, -117.068165
View Direction: East

Photo



Caption Mandreling crew with traffic control and fire equipment.

Photo Attributes Capture Date/Time: Wed Dec 13 2017 09:57:18 GMT-0800 (PST)
Coordinates: 32.904642, -117.086292
View Direction: Southwest

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? Corrections Required

Q1 Notes

I noted stakes and strings delimiting work area were down in some places at P03 and informed LEI, who will arrange for them to be repaired.

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

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?	Corrections Required
Q10 Notes	I noted a frayed fire protection blanket with repaving crew and spoke with foreman. He said since they repaved, welding trench plates would not be needed, but that this blanket would be repaired.
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 working at excavation sites.
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
Q13 Notes	Detour in/out of housing tract off Stonebridge was clearly marked.
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?	Met Requirements
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

2017-12-16 AM Inspection Report

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

Inspection Date	2017-12-16
Start Time	09:30:00
End Time	13:35:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Trenching, laying conduit, repaving, mandrel lung took place on Pomerado Road and Stonebridge Parkway. Trenching occurred at PO3. Prep for line stringing took place on west end.
Summary of Compliance Activities	Archaeology, paleontology, and Native American monitors (floating) were present at excavations, as well as EI and LEI along ROW.
Were any issues encountered?	No

Photo Log

Photo



Caption Helicopter parked near E44.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 13:33:27 GMT-0800 (PST)
Coordinates: 32.901753, -117.20951
View Direction: Northwest

Photo



Caption Concrete pour on Stonebridge Pkwy.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 12:27:49 GMT-0800 (PST)
Coordinates: 32.921278, -117.055607
View Direction: East

Photo



Caption Water line repair in progress on Pomerado Road.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 12:10:25 GMT-0800 (PST)
Coordinates: 32.921721, -117.0625
View Direction: West

Photo



Caption Water flow was directed into storm drain system during busted water line emergency.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 11:35:34 GMT-0800 (PST)
Coordinates: 32.922831, -117.059211
View Direction: North

Photo



Caption Broken water line with City crew working on repair.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 11:30:07 GMT-0800 (PST)

Photo



Caption New fencing for PO3 limits.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 11:07:05 GMT-0800 (PST)
Coordinates: 32.919239, -117.031368
View Direction: East

Photo



Caption Trenching at PO3 with monitors present.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 10:48:16 GMT-0800 (PST)
Coordinates: 32.918616, -117.030978
View Direction: East

Photo



Caption Potholing with monitors present on Pomerado Road.
Photo Attributes Capture Date/Time: Sat Dec 16 2017 10:24:24 GMT-0800 (PST)
Coordinates: 32.921713, -117.062273
View Direction: Northwest

Photo



Caption Line of trucks waiting to receive excavated soil at upper Pomerado Road.
Photo Attributes Capture Date/Time: Sat Dec 16 2017 10:22:49 GMT-0800 (PST)
Coordinates: 32.921723, -117.06227
View Direction: North

Photo



Caption Potholing and traffic control at Pomerado Road and Stonebridge Parkway.
Photo Attributes Capture Date/Time: Sat Dec 16 2017 10:16:13 GMT-0800 (PST)
Coordinates: 32.923065, -117.058891
View Direction: Southwest

Photo



Caption Grinding pavement on Stonebridge Parkway.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 10:12:40 GMT-0800 (PST)
 Coordinates: 32.922379, -117.058268
 View Direction: Southwest

Photo



Caption Eastbound traffic control on Pomerado Road.

Photo Attributes Capture Date/Time: Sat Dec 16 2017 09:46:01 GMT-0800 (PST)
 Coordinates: 32.916973, -117.068138
 View Direction: East

Daily Checklist

<p>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?</p>	<p>Met Requirements</p>
<p>Q1 Notes</p>	<p>Note: Per LEI, area of major concern for downed limit lines is no longer active work area; other very minor repairs will be made.</p>
<p>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?</p>	<p>Met Requirements</p>
<p>Q3 – Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?</p>	<p>N/A</p>
<p>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)?</p>	<p>Met Requirements</p>
<p>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</p>	<p>N/A</p>

adequately?

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	I observed good communication and effective response to break in water line.
Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?	Met Requirements
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
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?	Met Requirements
Q15 Notes	Helicopter landing area was adequately marked and access was limited.
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