

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: March 30, 2018
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #64 – March 19 to March 24, 2018

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 March 19 to March 24, 2018.

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): Dave Flietner

STAGING YARDS

Summary of Activity:

Stonebridge Staging Yard:

1. Delivering equipment; inspecting BMPs; and demobilizing equipment.

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 activities occurred west of I-15 in Segment 5 within Section 20 (approximately at Stations 322+00 to 396+00): Potholing; excavating; installing conduit; backfilling; repairing median; and asphalt paving.
2. Daytime construction activities occurred west of I-15 in Segment 5 in Sections 20 and 21 (approximately at Stations 397+00 to 400+00): Trenching; backfilling; and paving.
3. Daytime construction activities occurred east of I-15 in Segment 3 in Sections 7 through 15 (approximately at Stations 528+00 to 671+00): Installing and splicing cable; mandreling; excavating; installing conduit; encasing; backfilling; and asphalt paving.

I-15 Crossing

1. Construction activities in Segment 5 (approximately at Station 402+50): Excavating and installing shoring in the sending bore pit located at the end of the Kearny Mesa Road cul-de-sac.
2. Construction activities in Segment 3 in Section 21 (approximately at Station 413+00): Grading; installing BMPs; and installing fencing at the receiving bore pit.

Overhead Transmission Line:

1. P03: Installing temporary shoo-fly pole; installing scaffolding; and miscellaneous repairs.
2. P04: No activity.
3. P05: Completing Verdura retaining wall; demobilizing equipment; and grading pad area.
4. P06: No activity.
5. CC MM CP: No activity.
6. Guard structures: Removing and installing GS01, GS02, GS03, GS04, GS06, GS09, GS10 and GS11.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Asphalt paving and demobilization.

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 or had due diligence documentation provided to CPUC for it.
2. No nesting bird surveys were conducted during this reporting period. Monitoring for special-status species was implemented to avoid and minimize impacts to biological resources. No other 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. Cultural monitoring of grading activities east of the

I-15 was reduced to spot-checking as recommended by the Qualified Archaeologist. Cultural monitoring teams will continue spot-checking and, if the soil composition changes, full-time monitoring may be recommended by the Qualified Archaeologist. Additionally, cultural teams monitored trenching along Kearny Mesa Road, and spot-checked grading on the east side of I-15. The paleontological team monitored trenching along Kearny Mesa Road, and the excavation of the bore pit west of I-15. No cultural or paleontological resources were observed during the monitoring effort during this reporting period.

4. No hazardous materials releases were recorded 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.
6. Nighttime construction activities during this reporting period were confined to Sunday through Thursday between 9:00 pm to 5:00 am. Daytime underground construction activities occurred Monday through Saturday, from 8:00 am to 4:00 pm. Daytime construction activities occurred in accordance with the City of San Diego approved Traffic Control Permits and Noise 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. Rain inspections occurred March 19 through March 23, 2018. 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 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 1,765 project personnel have received the required SEAP training, and 1,661 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.
12. 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
#12	1/30/18	1/30/18	Segment B	Authorizes approximately 0.96 acre of additional temporary workspace located along Kearny Mesa Road and west of Interstate 15 for staging vehicles, equipment, and materials necessary for installing the 230-kV line under Interstate-15
#13	2/01/18	2/05/18	Segment B	Authorizes the installation of five guy wire anchors within an existing dirt access road between structures P05 and P06 to stabilize and support structure P05 during trenching and retaining wall construction activities

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 Boulevard 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 Boulevard
#5	12/27/17	12/29/17	A	Temporary Work Space to mobilize and stage a large crane that will be used to lift and install a vault located at station 676+00 on Stonebridge Parkway

NON-COMPLIANCES, PROJECT MEMORANDA & INCIDENTS

No incidents occurred 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
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
Level 1	01/14/2018	Segment C	Construction materials going outside of approved work limits
Memoranda	03/02/2018	Segment B	Traffic incident at Miramar Road

ATTACHMENT A INSPECTION REPORTS

2018-03-20 AM Inspection Report



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

Inspection Date	2018-03-20
Start Time	09:51:00
End Time	13:23:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Activities included boring pit wall placement and site grading, support wall building, mandreling, and cable pulling and splicing.
Summary of Compliance Activities	Two teams of Native and cultural resource monitors and one paleontology monitor were present.
Were any issues encountered?	No

Photo Log

Photo



Caption Mandreling site on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 13:01:55 GMT-0700 (PDT)
Coordinates: 32.8959, -117.107017
View Direction: Northeast

Photo



Caption Staging area on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 12:56:37 GMT-0700 (PDT)
Coordinates: 32.896102, -117.106404
View Direction: North

Photo



Caption PO5 work site.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 12:18:26 GMT-0700 (PDT)
Coordinates: 32.92278, -117.042225
View Direction: Southwest

Photo



Caption PO6 work site.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 12:13:15 GMT-0700 (PDT)
Coordinates: 32.922856, -117.043912
View Direction: Northeast

Photo



Caption Line splicing site on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 11:29:52 GMT-0700 (PDT)
Coordinates: 32.905914, -117.086808
View Direction: West

Photo



Caption Erosion control BMPs, receiving pit site.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 11:07:31 GMT-0700 (PDT)
Coordinates: 32.89375, -117.115034
View Direction: Southeast

Photo



Caption Erosion control BMPs, receiving pit site.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 11:05:02 GMT-0700 (PDT)

Photo



Caption Grading for receiving pit. Native American and archeology monitors on site.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 11:02:53 GMT-0700 (PDT)
Coordinates: 32.893761, -117.114615
View Direction: East

Photo



Caption Kearney Mesa Road sending pit site overview.

Photo Attributes Capture Date/Time: Tue Mar 20 2018 10:38:21 GMT-0700 (PDT)
Coordinates: 32.894586, -117.117379
View Direction: Northwest

Photo



Caption Trench excavation on Kearney Mesa Road.
 Photo Attributes Capture Date/Time: Tue Mar 20 2018 10:02:06 GMT-0700 (PDT)
 Coordinates: 32.894613, -117.118415
 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
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?	Met Requirements
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
Q7 Notes	Silt fencing plus 1 or 2 straw wattles were installed at boring receiving pit site. I communicated concerns about some BMPs at Station 435 to 438 (Pomerado Road) to LEI, who will address before anticipated rains.
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	Drip pans in place beneath inactive equipment.
Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?	Met Requirements
Q10 Notes	Fire tools at all work sites.
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	Paleontology monitor was spot-checking 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
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

2018-03-23 AM Inspection Report



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

Inspection Date	2018-03-23
Start Time	11:23:00
End Time	14:07:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Preparation of sending bore pit, site grading at PO5, trenching, and various work in vaults was conducted.
Summary of Compliance Activities	Archaeology, paleontology, Native American, SWPPP, ARB, and Environmental monitors were present on site.
Were any issues encountered?	No

Photo Log

Photo



Caption Installing ladder in sending bore pit, Kearney Mesa Road.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 14:02:25 GMT-0700 (PDT)
Coordinates: 32.894809, -117.117322
View Direction: West

Photo



Caption Cable pull site, Stonebridge Parkway.
Photo Attributes Capture Date/Time: Fri Mar 23 2018 13:38:56 GMT-0700 (PDT)
Coordinates: 32.921253, -117.056435
View Direction: East

Photo



Caption PO6 topsoil donor site.
Photo Attributes Capture Date/Time: Fri Mar 23 2018 13:20:13 GMT-0700 (PDT)
Coordinates: 32.922829, -117.044214
View Direction: Northeast

Photo



Caption Grading at PO5.
Photo Attributes Capture Date/Time: Fri Mar 23 2018 13:08:56 GMT-0700 (PDT)
Coordinates: 32.922769, -117.042329
View Direction: South

Photo



Caption Pre-racking site on Pomerado Road.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 12:38:54 GMT-0700 (PDT)
Coordinates: 32.906037, -117.080499
View Direction: Southwest

Photo



Caption Erosion control BMPs removed at Station 435+00: indicating point is not within active work area.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 12:26:48 GMT-0700 (PDT)
Coordinates: 32.895396, -117.107762
View Direction: South

Photo



Caption Straw wattles put in place, MPR staging area on Pomerado Road.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 12:22:07 GMT-0700 (PDT)
Coordinates: 32.896239, -117.106363
View Direction: East

Photo



Caption Receiving pit site, near I-15 ramp.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 12:08:23 GMT-0700 (PDT)
Coordinates: 32.893576, -117.114049
View Direction: Northwest

Photo



Caption Repaving and mandreling on Pomerado Road.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 12:02:53 GMT-0700 (PDT)
Coordinates: 32.893928, -117.111906
View Direction: East

Photo



Caption Trenching on Kearney Mesa Road.

Photo Attributes Capture Date/Time: Fri Mar 23 2018 11:45:55 GMT-0700 (PDT)
 Coordinates: 32.894688, -117.118282
 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
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?	Met Requirements
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
Q7 Notes	No sedimentation due to small rain event. Concerns expressed on Tuesday's visit were addressed in some fashion.
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	Drip pans in place beneath inactive equipment.
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
Q11 Notes	
Q12 – Construction Noise: (a) Were noise minimization measures in	Met Requirements

place, as required? (b) If noise complaints were received, were they documented and addressed, as required?

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