



Aspen *Environmental Group*

PROJECT MEMORANDUM PG&E JEFFERSON-MARTIN 230KV TRANSMISSION PROJECT

To: Billie Blanchard, CPUC
From: Vida Strong, Aspen Project Manager
Date: July 13, 2005
Subject: Weekly Report #25: July 3, 2005 – July 9, 2005
CPUC Environmental Monitors (EM): Jody Fessler and Jenny Slaughter

CPUC EM Jody Fessler was on site July 6th through July 8th along Segments 1, 2, 3, 4, and 5.

CPUC EM Jenny Slaughter was on site July 5th through July 7th along Segments 1, 2, 3, 4, and 5.

SEGMENT 1:

Summary of Activity:

Construction activities continued during the subject week with the excavation of trenches, installation of conduit, excavation of stub-outs at a manhole, excavation of a manhole pit, and installation of a manhole vault. Because of the 4th of July weekend, crews did not work on Monday or Tuesday during the day shift. Work commenced on Tuesday night in the Caltrans area, as well as the County area north of Crystal Springs Dam. Work on Segment 1 has now gone to nights. Throughout the week the weather was mild with coastal fog in the mornings and warm in the afternoons. Towards the end of the week, high winds picked up in the afternoons. PG&E Environmental Inspectors (EIs) were on-site to ensure compliance with mitigation measures adopted in the EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. At least two PG&E EIs were on-site during nighttime activities to inspect environmental compliance at the work sites. Since work has now gone to nights, PG&E is not required to have biological monitors onsite to watch for frogs and snakes. The following activities occurred on Segment 1 during the subject week:

1. The Tuesday night, July 5th, crews continued to excavate trench between Manhole #24 and Manhole #23 on Skyline Boulevard north of the Sawyer Camp Trail entrance. The work hours at that location were from 7:00 p.m. to 7:00 a.m., Monday through Friday. The soil from the trenching activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). Crews shored the trench as they excavated. Conduit was installed in the trench as the excavation progressed and cement slurry was poured around the conduit as it was installed. Approximately 1,282 linear feet of conduit was installed throughout the week. There was one PG&E EIs in the construction zone at all times. Crews conducted asphalt paving of the trench on Thursday and Friday nights. Clean-up activities were done on Friday night. All materials and traffic controls were removed from the construction area early in the morning on Saturday.
2. This week, crews also excavated the stub-out on the north side of Manhole #23 during the night shift, installed conduit, poured slurry, and paved over the area on Friday night.
3. Night trenching work continued on Skyline Boulevard this week starting the night of July 5th. Skyline Boulevard/Highway 35 was closed to public traffic from the Bunker Hill exit off Highway 280 southbound to the Highway 35/Highway 92 Interchange from 8:00 p.m. to 5:00 a.m., Tuesday through Friday. Crews continued trenching activities from Manhole #18 south to the Highway 35/Highway 92 Interchange, installed conduit, and poured cement slurry in the trench. The soil from the trenching activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility).

On Friday morning, trench plates were placed over the trenched area that was not completed in preparation for the weekend. BEF was installed at this location. One PG&E EI was on-site to ensure environmental compliance.

4. On the night of July 5th, excavation of Manhole #22B on Skyline Boulevard began. The manhole was shored and gravel placed in the bottom of the pit during the night shift. The manhole vault was installed on Wednesday night, the area backfilled with cement slurry on Wednesday and Thursday nights, and the area paved over on Friday night.
5. Traffic controls (signs, cones, and lights) were set up on Skyline Boulevard at the construction sites. Traffic control flaggers were in place at either end and in the middle of the construction areas along Skyline Boulevard. Traffic lights were set up at either end of traffic controls at night. Bright lights were also set up at either end of traffic controls and in the construction zone at night.
6. Crews continue to use their staging yards at 40 Edwards Court in Burlingame and the southern Caltrans site along the Caltrans right-of-way on Highway 92/Highway 35.
7. No San Francisco garter snakes (SFGS) or California red-legged frogs were sighted during the subject week along Segment 1.
8. On Friday, crews conducted clean-up activities along Skyline Boulevard in preparation for the weekend.

Environmental Compliance Activities:

Bird surveys continued throughout the week along the segment from the Jefferson Substation north along Cañada Road and Skyline Boulevard to Hayne Road.

One non-compliance was issued by PG&E's EIs for Segment 1 on July 8th for a diesel leak from a truck which impacted approximately 2 to 3 yards of soil. The contaminated soil was removed from the site and disposed of properly.

On July 6th, the CPUC EM was notified that there had been difficulty attempting to set the manhole shoring in Manhole 22B excavation. Apparently the crane could not set the shoring box without impacting trees overhanging in the roadway. The shoring was not placed and the hole was left open the following day, with K-rail set up and traffic control around it. The CPUC EM attended a site visit to discuss how the vault would be installed by moving the crane to the opposite side of the excavation to avoid the trees. It appeared that the only place to put the crane was near or on top of some vegetation along the side of the road on the south side of the excavation. After a survey was conducted of the vegetation, a call was placed to the CPUC Project Manager to seek permission to set the crane on the vegetation if needed because of the safety concerns with the un-shored excavation. The CPUC EM attended the crane set up later that night and it was set up to avoid the vegetated area.

On Wednesday night, July 6th, the CPUC EM observed that there seemed to be a lot of construction activity going on in the County area and Caltrans area for just two PG&E Environmental Inspectors to handle. This issue was brought up in the Thursday morning Weekly Conference Call with PG&E and CPUC representatives. On Thursday night, July 7th, the CPUC EM observed that the PG&E EIs were very busy and that they could not be everywhere at once because construction was so spread out. The CPUC EM also observed two end dumps leave the County work area on Skyline Boulevard without having their trucks watered down and without putting tarps over their loads.

On July 7th, two diesel spills were reported to the CPUC EM. One was approximately 1 pint and occurred near manhole 22B from a lighting unit and the other was approximately 2 gallons near the intersection of Hayne road and Skyline Blvd.

The CPUC EMs observed that all other Segment 1 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

SEGMENT 2, UNDERGROUND & OVERHEAD

Summary of Activity

A Notice to Proceed (NTP) was issued for the Segment 2 underground portion, not including SFPUC lands, on March 8th. However, no NTP has been issued for the overhead component of Segment 2.

The CPUC EMs conducted site visits of the underground segment throughout the week. Crews conducted trenching activities, worked at stub-outs, and conducted pot-holing activities throughout the week on Skyline Boulevard and Trousdale Drive. A PG&E EI was on-site during construction to ensure compliance with the mitigation measures adopted in the EIR, SWPPP, and other permit requirements. The following activities occurred on Segment 2 during the subject week:

1. On July 5th, trench excavation continued on Skyline Boulevard between Manholes #35 and #34. The trench was excavated throughout the week, conduit installed, and cement slurry poured over the conduit. Approximately 340 linear feet of conduit was installed in the trench during the week. Paving was done on Friday in this area (Figure 2).
2. Crews conducted trenching activities on Trousdale Drive and the corner of Trousdale Drive and Skyline Boulevard throughout the week. The area was paved over on Friday.
3. Throughout the week, crews worked at Manhole #32 stub-outs. The stub-outs were excavated, conduit installed, cement slurry poured, and the area paved over on Friday.
4. Traffic controls (signs, cones, and flaggers) were set up on Trousdale Drive and Skyline Boulevard at the trenching and manhole locations during active construction.
5. Crews continue to use the northern Caltrans Staging Yard at the corner of Skyline Boulevard and Hayne Road. Crews are also using the Staging Yard at 60 Edwards Court in Burlingame to store equipment and materials.
6. Clean-up activities were conducted at the end of each day at the active construction sites. A street sweeper is running daily along Skyline Boulevard from 2:00 p.m. to 6:00 p.m.

Environmental Compliance Activities:

Bird surveys continued throughout the week from Hayne Road north along Skyline Boulevard to Trousdale Drive for the underground segment, and from Trousdale Drive north along San Andreas Lake west and parallel to Highway 280, and Skyline Boulevard to Glenview Drive for the overhead segment.

One non-compliance was issued by PG&E EIs during the subject week for Segment 2. On July 6th, an end-dump truck was leaking oil on the pavement and the oil was not cleaned up by the end of the day.

On Friday, the CPUC EM noted that protection around the storm drain on the corner of Trousdale Drive and Skyline Boulevard was not protecting the storm drain from water running off the asphalt roller. The issue was brought to the attention of construction management and they immediately fixed the problem. The CPUC EMs observed that all other Segment 2 underground construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

PG&E continues to work with CDFG regarding woodrat removal activities that previously occurred along the overhead portion of Segment 2 without CDFG concurrence. PG&E is also consulting with USFWS and CDFG regarding biological resources along the entire overhead segment.

SEGMENT 3:

Summary of Activity:

Construction this week consisted of work at Manhole #40 on San Bruno Avenue and pot-holing activities on Huntington Avenue along Segment 3 in the City of San Bruno. The week's activities are as follows:

1. On Tuesday, pot-holing activities commenced on Huntington Avenue and continued throughout the week.
2. On Wednesday, crews pot-holed the area around Manhole #40 on San Bruno Avenue. On Thursday and Friday the manhole pit was excavated and shored and pea gravel was placed in the bottom of the pit. The manhole pit was plated at the end of each day with steel plates (Figure 3).
3. Traffic controls were set up around the work areas. Traffic controls included signs, cones, and flaggers to help direct traffic around the construction sites.
4. Crews continue to use their staging yard under Highway 380 just east of Huntington Avenue.

Environmental Compliance Activities:

Bird surveys continued throughout the week and nests were spot-checked for disturbance caused by construction activity.

No non-compliances were issued by PG&E EIs during the subject week for Segment 3.

The CPUC EMs observed that all Segment 3 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

SEGMENT 4:

Summary of Activity:

Segment 4 construction continued this week with trenching activities between S. Spruce Street and Manhole #51 in the BART right-of-way, south of the South San Francisco BART station, and between Manhole #56 and Manhole #58 along Lawndale Drive. Approximately 1,063 linear feet of conduit was installed throughout the subject week. A PG&E EI was on-site during construction to ensure compliance with the mitigation measures adopted in the EIR, SWPPP, and other permit requirements. The following activities occurred on Segment 4 during the subject week:

1. Trenching activities continued this week north of S. Spruce Street in the BART right-of-way. The trenching operations are north and south of Manhole #50. The trench was excavated and shored, conduit installed, and cement slurry poured over the installed conduit. The B&V Inspectors conducted the required soil/air monitoring at that site throughout the week. Construction crews also did visual and odor monitoring for contaminants at the site.

2. Trenching activities continued this week just south of the South San Francisco BART Station in the BART right-of-way. Signs and cones were set up near the work area alerting people driving into or parking at the BART station of construction activities.
3. Trenching activities continued throughout the week between Manhole #56 and Manhole #58 within the median of Lawndale Drive. Crews excavated trench, installed conduit, poured cement slurry over and around the conduit, and backfilled the area with native soil. Traffic controls, including cones and signs, were set up along Lawndale Drive directing vehicles around the work area. A street sweeper cleaned the road several times a day at that location.
4. Work between Manhole #49 and S. Spruce Street and the installation of conduit in the BART right-of-way at this location can continue now that BART has determined that it would not impact possible future plans to place a building over this area.

Environmental Compliance Activities:

Bird surveys continued throughout the week along the BART right-of-way.

No non-compliances were issued by PG&E's EIs this week for Segment 4.

On July 6th, the calibrator for the photoionization air monitoring equipment arrived on-site. The CPUC EM observed air/soil monitoring activities.

On the evening of July 7th, the CPUC EM noted that the chain across the BART right-of-way from S. Spruce Street was down, allowing vehicles to drive into the construction site. The CPUC EM also noted that some snow fencing around the trench had blown down due to high winds in that location as well as on Lawndale. The CPUC EM contacted the B&V Inspector who called the contractor's construction management. The chain was placed across the BART right-of-way and the snow fencing secured that evening.

The CPUC EMs observed that all other Segment 4 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

SEGMENT 5:

Summary of Activity:

Very little construction occurred along Bayshore Boulevard throughout the week in the City of Brisbane. There was a PG&E EI on-site to ensure compliance with mitigation measures adopted in the EIR, SWPPP, and other permit requirements. The following activities occurred on Segment 5 during the subject week:

1. During the day shift, some light work occurred along Bayshore Boulevard. Crews did some manhole preparation work at Manhole #47 and Manhole #48 and stationed some materials and equipment.
2. During the night shift, crews continued to work at the intersection of Bayshore Boulevard and Guadalupe Canyon Parkway. Trench was excavated, conduit installed, and cement slurry poured over and around the conduit. No conduit was installed throughout the week due to the slow process of trench excavation at the intersection. Work at this intersection is only allowed at night by the City of Brisbane Encroachment Permit.
3. The construction zone along Bayshore Boulevard is in the middle of the road with one lane of southbound traffic blocked off. K-rails run along both sides of the construction zone and the only access to the construction zone is at either the south end or north end of the zone.

4. Traffic controls (signs, cones, and lights) were set up on Bayshore Boulevard from the intersection of Guadalupe Canyon Parkway to Geneva Street in Brisbane. Bright lights were set up on either end of the construction area at night.
5. Work in Daly City on Guadalupe Canyon Parkway is scheduled to start on Monday, July 11th.
6. Conduit still has to be attached to the bridge at the top of San Bruno Mountain on Guadalupe Canyon Parkway. This work is expected to start the week of July 11th.
7. Construction crews continue to use their staging yard at the corner of North Access Road and South Airport Boulevard for the storage of equipment, materials, and two trailers that they are using for office space. Three Baker tanks are on site at that location.

Environmental Compliance Activities:

Bird surveys continued throughout the week along the segment from approximately Orange Court east along Guadalupe Parkway and Bayshore Boulevard to the Martin Substation.

Biological monitors spot-checked nests for disturbance along the active construction zones.

No non-compliances were issued by PG&E’s EIs during the subject week for Segment 5.

The CPUC EMs observed that all Segment 5 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

NOTICES TO PROCEED (NTP):

Table 1 presents the NTPs issued by the CPUC for the Jefferson-Martin Project to date.

TABLE 1
NOTICES TO PROCEED
(Updated 7-13-05)

NTP #	Date Issued	Description
#1	1-10-05	Segment 1, underground only Segment 5, unincorporated San Mateo County only
#2	3-08-05	Segment 2, underground only, not including SFPUC lands
#3	3-11-05	Segment 5, incorporated
#4	3-11-05	Segment 3
#5	3-30-05	Segment 4

ENVIRONMENTAL COMPLIANCE:

One Non-Compliance Report (NCR) and six Project Memorandums (PMs) have been issued by the CPUC EMs for the project to date (see Table 2).

TABLE 2
ENVIRONMENTAL COMPLIANCE STATUS
(Updated 7-13-05)

Project Memo or NCR	Date Issued	Description	Follow-Up Activities
NCR (Level 3)	2-01-05	Segment 2 Overhead – Dismantling and removal of woodrat nests along the overhead route without consulting with CDFG.	PG&E consulting with CDFG on how to proceed.
PM	2-09-05	Segment 1 – Breach of trenching activities into vegetated drainage on east side of Cañada Road between MH #7 and MH #8.	PG&E consulting with CDFG and USFWS on how to proceed.
PM	2-16-05	Segment 5 – Dewatering of Manhole #67 vault pit without consulting with RWQCB on handling of water	PG&E consulting with RWQCB on how to proceed with storm water and groundwater.
PM	3-04-05	Segment 1 – Hummingbird nest found near Manhole #5 on Monday, Feb. 28 th , and not reported to CPUC or CDFG until Thursday, March 3 rd .	PG&E discussing better communication between PG&E and sub-contractors.
PM	5-27-05	Segment 2 Underground – Construction went past the City of Burlingame’s Encroachment Permit on May 25 th , and May 26 th .	PG&E response submitted 6-14-05.
PM	5-27-05	Segment 2 Underground – Several traffic control violations were observed. A traffic control flagger left his post several times which endangered the public.	PG&E response submitted 6-14-05.
PM	6-01-05	Segment 1 – End dump parked on vegetation in the Caltrans right-of-way disturbing vegetation	PG&E response submitted 6-15-05.
PM	6-20-05	Segment 1- Construction vehicle parked on vegetation near the Caltrans yard	PG&E response received 6-22-05

VARIANCE REQUESTS:

No Variance Requests were submitted during the subject week.

TABLE 3
VARIANCE REQUEST STATUS
(Updated 7-13-05)

Variance Request #	Date Submitted	Description	Status	CPUC Approval Date
1	1-14-05	40 Edwards Court, Burlingame – Paved parking lot that is fenced to be used as a staging yard.	Approved	1-18-05
2	2-04-05	Staging yard, Airport Boulevard & North Access Road., South San Francisco.	Approved	2-09-05
3	2-22-05	Change compliance timing for Mitigation Measure U-1c, corrosion, from pre-construction to during construction.	Approved	3-04-05
4	4-28-05	Staging yard, Herman Street and Forest Lane, City of San Bruno	Approved	5-03-05
5	5-12-05	Jefferson Substation Expansion Area – Cap well, empty water out of tank into truck, and remove tank from property	Approved	5-20-05
6	5-24-05	Staging yard for Segment 4 construction, intersection of Antoinette Lane and Mission Road, City of South San Francisco.	Approved	5-26-05
6 Modification	6-22-05	Additional staging yard for Segment 4, next to yard approved in Variance #6.	Approved	6-28-05
7	06-06-05	Intrusion into vegetated areas at several locations along Segment 1.	Approved	6-13-05

UPCOMING ITEMS:

PG&E holds the following weekly meetings to review issues and upcoming events:

- Segment 1 on Friday (8:00 a.m., San Mateo B&V office) and Tuesday (8:00 a.m., Hayward B&V office);
- Segment 2 on Friday (10:00 a.m., San Bruno B&V office) and Tuesday (9:30 a.m., Hayward B&V office);
- Segment 3 on Tuesday (11:00 a.m., Hayward B&V office);
- Segment 4 on Monday (1:00 p.m., San Bruno B&V office) and Tuesday (10:15 a.m., Hayward B&V office);
and
- Segment 5 on Monday (3:00 p.m., South SF Mueller/InfraSource Staging Yard) and Tuesdays (8:45 a.m., Hayward B&V office).

AGENCY PERSONNEL CONTACTS:

The CPUC EMs spoke with the BART Inspector, the City of Colma Inspector, the City of Burlingame Inspector, and the City of Brisbane Inspector several times throughout the week.

Photographs



Figure 1 – Location of Manhole #22b, Segment 1, July 6, 2005



Figure 2 – Crews paving on corner of Trousdale Drive and Skyline Boulevard, Segment 2 Underground, July 8, 2005



Figure 3 – Crews plating Manhole #40 on San Bruno Avenue, Segment 3, July 8, 2005



Figure 4 – Conducting soil monitoring test from trenched materia north of S. Spruce Street, Segment 4, July 8, 2005.