



Aspen *Environmental Group*

PROJECT MEMORANDUM

PG&E JEFFERSON-MARTIN 230KV TRANSMISSION PROJECT

To: Billie Blanchard, CPUC

From: Vida Strong, Aspen Project Manager

Date: June 1, 2005

Subject: Weekly Report #19: May 22, 2005 – May 28, 2005

CPUC Environmental Monitors (EM): Jody Fessler and Jenny Slaughter

CPUC EM Jody Fessler was on site May 24th, May 26th and May 27th along Segments 1, 2, and 4.

CPUC EM Jenny Slaughter was on site May 23rd through May 26th along Segments 1, 2, 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 a manhole pit, installation of a manhole, and excavation of stub-outs at manholes. The weather was sunny and warm throughout the week with coastal fog in the evenings and early mornings. 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 four PG&E EIs were on-site during daytime activities to inspect environmental compliance at the work sites and six to ten biological monitors were located on the west side of Cañada Road and Skyline Boulevard to watch for frogs and snakes, and to make sure these species did not enter the work site. The following activities occurred on Segment 1 during the subject week:

1. On May 23rd, crews started excavating trench between Manhole #9 and Manhole #10 on Cañada Road. A pilot vehicle was used in this area with a biological monitor riding along to look for snakes in the road. 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 1,700 linear feet of conduit was installed throughout the week. Biological monitors were placed on the west side of the biological exclusion fencing (BEF) along Cañada Road. There were at least three EIs in the construction zone at all times. A small crew was on-site during the night, but only conduit installation work was done in that area. An EI also stayed at the site at night to observe construction, watch for animals, and check under vehicles and equipment in case a crew member needed to move their vehicle. Crews conducted asphalt paving of the trench on Wednesday and Thursday. Clean-up activities were done on Thursday. All materials and traffic controls were removed from the construction area at the end of the day Thursday and no work was conducted along Segment 1 on Friday.
2. On Monday, May 23rd, crews began excavating the Manhole #10 stub-outs on Cañada Road. The stub-outs had conduit installed throughout the week and were completed by the end of the week.
3. Proofing activities were conducted during the night shift throughout the week on Cañada Road. Crews were blowing string, pulling tape, pulling sponges, pulling wire brush, and pulling mandrels through the conduit. Grouting and cleaning of the manholes was also done.

4. Night trenching work continued in the Caltrans area on Skyline Boulevard this week starting in the night of May 22nd (Figure 1). Skyline Boulevard/Highway 35 was closed to public traffic from the Crystal Springs Dam to the Highway 35/Highway 92 Interchange from 8:00 p.m. to 5:00 a.m., Monday through Friday. From Manhole #20, crews continued to trench south, installed conduit, and poured cement slurry in the trench. Approximately 480 linear feet of conduit was installed in the Caltrans area throughout the week. The soil from the trenching activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). On Wednesday night, trench plates were placed over the trenched area that was not completed yet in preparation for the long weekend. BEF was installed at this location. One or two PG&E EIs were always on-site to ensure environmental compliance.
5. On the night of May 22nd, excavation of Manhole #18 pit began. K-rails were set up around the construction area and traffic diverted around the work zone. Flaggers were in place during the day to direct traffic and a biological monitor was stationed on the west side of the BEF. The pit was excavated and shored Sunday night, and the vault installed Monday night. Cement slurry was finished being poured Tuesday night, and the area paved over Wednesday night.
6. The night shift also worked on Manhole #21 stub-outs in the Caltrans area this week. Part of the soil in the area was clean (Station #342+50) and was shipped to Ox Mountain landfill in Half Moon Bay (Class 3 facility). Part of the soil in the area was impacted (Station #338+00 to #342+00) and was shipped to Forward landfill in Martinez (Class 2 facility).
7. Traffic controls (signs, cones, and lights) were set up on Cañada Road at the construction site. Traffic control flaggers were in place at either end and in the middle of the construction areas along Cañada Road. A pilot vehicle was being used where there were stretches of traffic controls longer than 350 feet to slow traffic down as well as look out for San Francisco garter snakes. A biologist rode along in the pilot vehicle to look for snakes and frogs that may have gotten in the road. Traffic lights were set up at either end of traffic controls at night. Bright lights were set up at either end of traffic controls and in the construction zone at night.
8. 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.
9. No San Francisco garter snakes (SFGS) were sighted during the subject week along Segment 1.
10. On Thursday, May 26th, crews conducted clean-up activities along Cañada Road 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 on May 22nd when a vehicle left the approved right-of-way (paved roadbed and disturbed shoulder) and traveled within adjacent vegetation for a distance of approximately 15 feet:

The CPUC EMs observed that all 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 were working at Manhole #29, Manhole #30, Manhole #35 stub-outs, and between Manhole #36 and Manhole #37, throughout most of the week. A PG&E EI was on-site during construction to ensure compliance with the mitigation measures adopted in the EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. The following activities occurred on Segment 2 during the subject week:

1. On Monday, May 23rd, trench excavation continued between Manhole #36 and Manhole #37 on Skyline Boulevard. The trench was excavated throughout the week, conduit installed, and cement slurry poured over the conduit. Approximately 240 linear feet of conduit was installed in the trench during the week. Paving was done on Friday in this area.
2. On Monday, May 23rd, work started at Manhole #35 stub-outs and continued throughout the week. Conduit was installed in the stub-out pits, cement slurry poured and the area paved over on Friday.
3. On Monday, May 23rd, Manhole #29 pit was partly excavated and shored. On Tuesday, excavation of the pit was completed and gravel placed in the bottom of the pit. The vault was set in the manhole on Wednesday, May 25th, and some cement slurry poured. Cement slurry was finished being poured on Thursday and the area paved over on Friday.
4. On Friday, May 27th, Manhole #30 was checked for slumpage and plated.
5. Saw-cutting of asphalt continued throughout the week on Skyline Boulevard.
6. Traffic controls (signs, cones, and flaggers) were set up on Trousdale Drive and Skyline Boulevard at the trenching location, the manhole locations, and the saw-cutting areas during active construction.
7. 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.
8. Clean-up activities were conducted at the end of each day at the active construction sites.

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.

No non-compliance was issued by PG&E EIs during the subject week.

On Wednesday, May 25th, there was a cement slurry spill of about 50 gallons of cement on the west side of the road on the asphalt (Figure 2). The CPUC EM watched as crews cleaned up the spill. Crews were about an hour and a half past their Burlingame Encroachment Permit time limit for getting construction off the road for the day. On Thursday, May 26th, the CPUC EM was informed of another cement slurry spill of a few gallons in the same area as the day before. The CPUC EM observed clean-up activities. Crews were about two and a half hours late getting off the road on Thursday. The CPUC EM witnessed

several traffic control violations on Thursday which could have caused traffic accidents with the public. On Friday, May 27th, the CPUC EM issued two Project Memorandums for crews going past their Burlingame Encroachment Permit time deadline and traffic control violations.

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 4:

Summary of Activity:

Segment 4 construction continued this week with the excavation of trench and stub-outs at Manhole #49 at the southern end of the segment in the BART right-of-way. Crews also worked at Manhole #50 and Manhole #51 north of South Spruce Street in the BART right-of-way. A PG&E EI was on-site during construction to ensure compliance with the mitigation measures adopted in the EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. The following activities occurred on Segment 4 during the subject week:

1. On Monday, May 23rd, excavation of stub-outs continued on either side of Manhole #49 in the BART right-of-way. Crews continued to work at this location throughout the week.
2. Trenching activities began north of Manhole #48 this week (Figure 3). 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. The trenches were covered with plywood and/or chain link fence sections and surrounded by snow fencing at the end of each day. Approximately 120 linear feet of conduit was installed throughout the week.
3. Manhole #50 and Manhole #51 were excavated in the beginning of the week, vault pits installed throughout the week, the area backfilled, and the soil re-contoured to grade toward the end of the week.

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 during the subject week.

On Friday, May 27th, the CPUC EM observed some plastic blowing off a pile of backfill material near Manhole #48. The CPUC EM also observed that two chain link fence sections were not fully covering the trench north of Manhole #48. The CPUC EM spoke with a PG&E EI about these issues and they informed her that construction management would take care of them right away. 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.

SEGMENT 5:

Summary of Activity:

Construction activities continued during the subject week with work at one manhole. There was a PG&E EI on-site to ensure compliance with mitigation measures adopted in the EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. The following activities occurred on Segment 5 during the subject week:

1. On Monday, May 23rd, crews continued to work at Manhole #78 and the stub-outs on Bayshore Boulevard in Brisbane. Very little work was done at that location due to the limited work area. The City of Brisbane Encroachment Permit only allowed 500 feet of work area at a time. The City of Brisbane's Inspector was on site during construction activities.
2. On Wednesday, May 25th, Manhole #78 area was paved over and the K-rails and all traffic controls were removed from the area (Figure 4).
3. Conduit still has to be attached to the bridge at the top of San Bruno Mountain on Guadalupe Canyon Parkway. Once the brackets are made, construction crews will complete the bridge work.
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 project at night. A small night crew stayed on-site at night and did some light work. Safety monitors were in place in the Controlled Access Zone (CAZ) to keep track of how many people were in the construction area and if they were CAZ trained.
5. 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 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.

The CPUC EMs observed that 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 6-1-05)

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 five Project Memorandums (PMs) have been issued for the project to date (see Table 2).

TABLE 2
ENVIRONMENTAL COMPLIANCE STATUS
 (Updated 6-1-05)

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 reviewing Project Memorandum.
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 reviewing Project Memorandum.

VARIANCE REQUESTS:

On May 24, Variance Request #6 was submitted for the use of a staging yard for Segment 4 construction. This request was approved by the CPUC on May 26.

TABLE 3
VARIANCE REQUEST STATUS
 (Updated 6-1-05)

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

UPCOMING ITEMS:

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

- Segment 1 on Friday (12:00 p.m., San Mateo BV office) and Tuesday (8:00 a.m., Hayward BV office);
- Segment 2 on Friday (10:00 a.m., San Bruno BV office) and Tuesday (10:00 a.m., Hayward BV office);
- Segment 4 on Tuesday (11:00 a.m., Hayward BV office) and Monday (1:00 p.m., San Bruno BV office);
and
- Segment 5 on Monday (3:00 p.m., South SF Mueller/InfraSource Staging Yard) and Tuesdays (9:00 a.m., Hayward BV office).

AGENCY PERSONNEL CONTACTS:

None.

Photographs



Figure 1 – Trenching activities south of Manhole #20 in Caltrans right-of-way on Skyline Boulevard, Segment 1, May 23, 2005



Figure 2 – Cement slurry spill in trenching area between Manholes #36 and #37 on Skyline Boulevard, Segment 2 Underground, May 25, 2005



Figure 3 – Trenching area north of Manhole #48 in the BART right-of-way, Segment 4, May 27, 2005



Figure 4 – Crews finishing paving at Manhole #78 on Bayshore Boulevard, Segment 5, May 25, 2005