



Regional Consultant
Monthly Progress Report
Bakersfield to Palmdale

For the Period of
February 23, 2013, through March 29, 2013

Prepared by
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Project Manager

Submitted
April 10, 2013

1) Key Issues and Areas of Concern

New Items

- a) **New Conceptual Alignment and Profiles for Tehachapi to Lancaster:** Per the request from the California High-Speed Rail Authority (Authority) to examine new alignments south of the City of Tehachapi that minimize impact to the established wind farms, the Regional Consultant (RC) developed a number of conceptual schemes that deviate from the Draft 15% alignment through the City of Tehachapi and then heads southeast directly to Lancaster crossing the historic Oak Creek Pass. The RC developed alignments and profiles, assessed the scope of the civil infrastructure, and identified properties impacted by each alternative. The Oak Creek Pass [E007] alternative alignment is being carried forward into the Supplemental Alternatives Analysis (SAA) with the target date of March 29 for delivering a study area plan showing the extent of the new alignment.

Ongoing Items

- a) **Terminal Station Maintenance Facility (TSMF) SAA siting in Antelope Valley:** In mid-December 2012, the RC was requested to include alternative sites in the Antelope Valley for a TSMF. Meetings were held in the RC offices during January and February 2013 to discuss conceptual TSMF layouts. On March 4, a further meeting was held with the Project Management Team (PMT) to define the sites to go forward into the SAA analysis. Due to the need to allow for grade separated rail connections to the TSMF, continuing challenges are sites in the urban setting of Lancaster, the environmental sites north of Lancaster, and the impacts on the HST main line alignment. The target date for study area layout plans to discuss with stakeholders is March 29.
- b) **RC Accounts Receivable (AR) Status:** As of the end of March 2013, the outstanding AR for the RC contract is approximately \$16.6 million. The RC met with Authority senior staff on March 19. The Authority has no issues with current JV invoices but will not be able to process payment until June due to cash flow constraints. Beyond June, the Authority hopes to be able to process invoices on a 45 day cycle.
- c) **Fiscal Year 2012/2013 (FY12/13) Revised Work Plan for Balance of FY12/13:** On December 7, 2012, the RC received direction from the Authority noting that the FY12/13 AWP's would need to be adjusted to implement the Revised 2012 Business Plan. The RC received further guidance from the PMT during the first week of January, culminating in the RC submitting a revised FY12/13 scope, schedule, and budget to the PMT on January 11; a revised FY12/13 scope, schedule, and budget submitted on January 24; and a final revised FY12/13 scope, schedule, and budget on February 7. The PMT has recommended approval to the Authority of the RC's final proposal. The RC is awaiting a formal notice to proceed (NTP) from the Authority. At this time, the RC is proceeding with the revised final scope and schedule as allowed within the previously authorized Limited NTP(LNTP) amounts.
- d) **RC Contract Ceiling:** The RC contract with the Authority, as modified, has a maximum dollar limit of \$119,985,612. Currently, \$118,257,094 has been authorized through NTPs issued by the Authority. The RC currently projects that authorized NTP amounts will be exhausted in approximately May 2013. Written notice was presented to the Authority on January 8 of this impending contract limit issue. On February 12, the RC notified the Authority that the RC had not received a response to the prior letter and the final revised proposals submitted on February 7 would require the contract ceiling to be increased to \$130,370,343. Further, the RC would not be in a position to proceed with work beyond the end of the authorized NTPs unless an amendment was issued to increase the contract ceiling. At a March 22 meeting with Authority senior staff, the RC was advised that action would be forthcoming at the April 4 Board meeting to amend the portion of the RC's work covering the Fresno to Bakersfield (FB) project. For the Bakersfield to Palmdale (BP) project, the Authority may re-compete or extend this work; this will be discussed at a future Board meeting.

- e) **Potential Adjustment to Bakersfield to Palmdale (BP) Record of Decision (ROD)/Notice of Determination (NOD) Target Dates:** The PMT advised the RC on December 12, 2012, and again on January 8, 2013, that the revised Ready to List (RTL) schedule for FY12/13 should reflect an ROD milestone date of summer 2015. A revised schedule was submitted on February 4 with a ROD date of September 30, 2015, and a NOD of August 9, 2015. Based on the Authority request to study the Oak Creek Pass alignment from the City of Tehachapi to the City of Lancaster, the ROD date is proposed to be adjusted to November 3, 2015, and the NOD date to September 13, 2015. A configuration change request was submitted on March 21.
- f) **Engineering and Environmental Deliverables:** Engineering effort this period focused on the development of the Oak Creek Pass Alignment alternative, preliminary design of TSMF facilities and related trackwork/roadways and participation in an Engineering Management Team (EMT) meeting on emergency access roads in the Tehachapi Mountains. Under the environmental task, the Noise and Vibration Technical Report was submitted. The remaining environmental technical reports will be submitted in April, pending receipt of information from the PMT on rail passenger patronage.
- g) **Geotechnical:** A geotechnical investigation (GI) work plan was prepared for the Draft 15% submittal in November 2012. Site-specific geotechnical and tunneling conditions are needed to develop procurement strategies, structural designs, and costs. Following positive feedback from the ranch landowners in the Tehachapi Mountains, the RC is reviewing the GI Work Plan with a view towards conducting a GI on private land during the first half of FY13/14. GI work needs to be coordinated with environmental requirements for performing such efforts. The GI work plan is also being reviewed to include the Oak Creek Pass alternative alignment and the proposed alternative sites for the TSMF in the Antelope valley.
- h) **Traction Power Source:** The RC and EMT are collaborating to develop options for routing the transmission lines to help expedite the process with Southern California Edison (SCE). It is anticipated that SCE will have a method of service study completed in summer 2013, which would identify the proposed transmission line arrangements and the location of SCE preferred service points. The RC was advised on March 27 that SCE has eliminated the 3 Traction Power Substation (TPSS) option and that the Oak Creek Pass alternative alignment is being considered in the planning efforts.

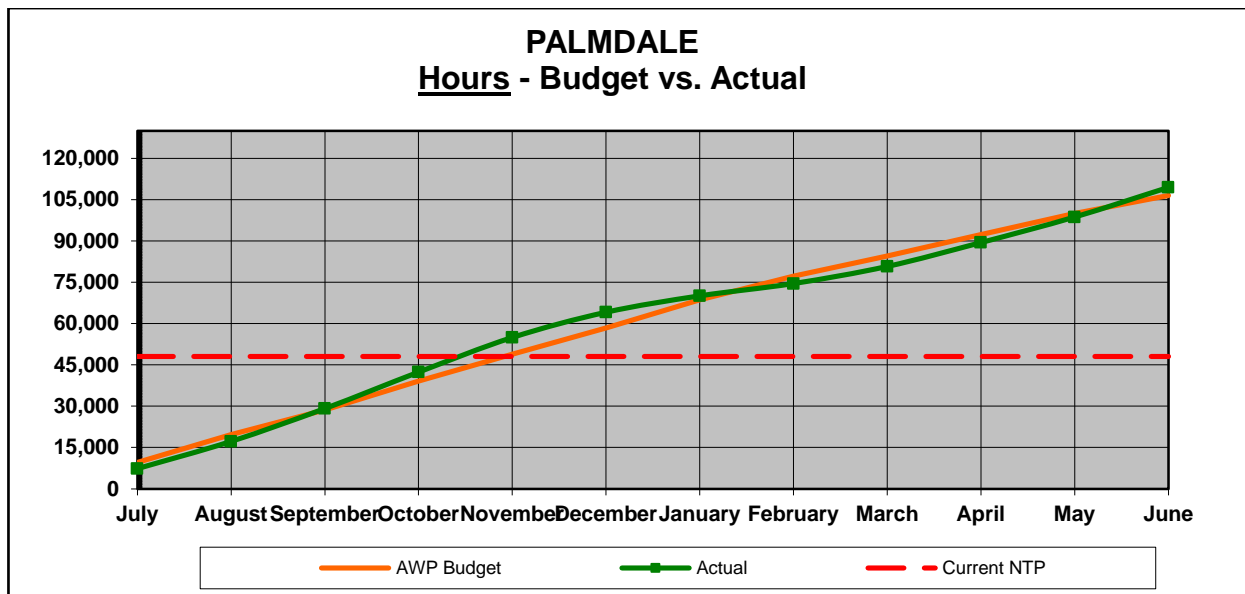
2) Financial Reporting

On July 27, 2012, NTP-1 for the BP section was received, which provided an NTP budget of \$6,000,000 for FY12/13. On November 16, 2012, LNTP-01A authorized an additional expenditure of \$5,182,255, for a total not-to-exceed value of \$11,182,255. The FY12/13 AWPv4 budget of \$13,259,100 was used as the basis for reporting in the invoice and in the tables and charts below.

Staff Hours Worked

The period of performance is February 23 through March 29, 2013. Actual labor hours billed versus those planned by task for this reporting period and for the cumulative reporting period since July 1, 2012, is shown in the table and chart below. Figures for this current reporting period include actual labor hours billed for subconsultants.

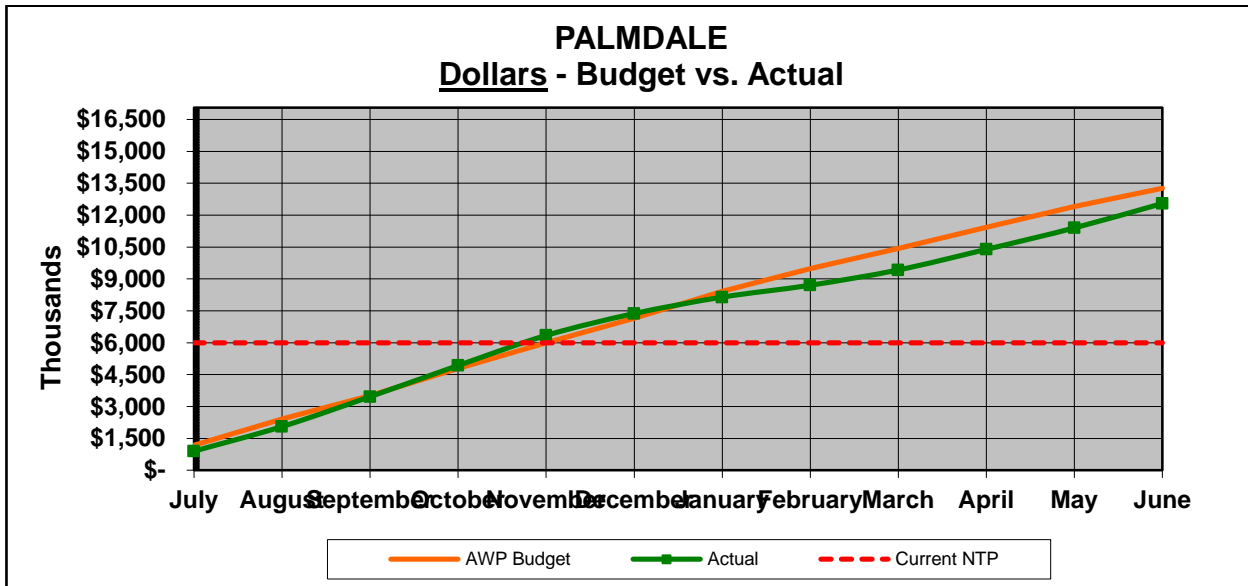
PALMDALE Task	March 2013			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	845	767	91%	7,845	6,411	82%
Task 2 - Public Outreach	476	307	65%	4,424	2,429	55%
Task 3 - Project Definition	190	217	0%	588	703	120%
Task 4 - Engineering	4,811	1,896	39%	44,656	52,405	117%
Task 5 - Environmental	1,077	3,026	281%	26,952	18,655	69%
Task 7 - DEIR/EIS	-	-	#DIV/0!	127	143	113%
Task 8 - Certification/ROD	-	-	#DIV/0!	-	-	#DIV/0!
Total	7,399	6,213	84%	84,592	80,746	95%



Dollars Spent

The period of performance is February 23, 2013, through March 29, 2013. Actual dollar amounts versus those planned by task for this reporting period and for the cumulative reporting period since July 1, 2012, are shown in the table and chart below. Figures for this reporting period include actual expenditures for subconsultants. With the implementation of the revised reporting format, the amount reported for each task is for labor expenditures only. All non-labor expenditures are grouped together and reported as other direct costs.

PALMDALE Task	March 2013			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	\$ 106,464	\$ 103,508	97%	\$ 988,593	\$ 849,481	86%
Task 2 - Public Outreach	\$ 50,120	\$ 32,662	65%	\$ 465,397	\$ 285,167	61%
Task 3 - Project Definition	\$ 24,231	\$ 25,132	104%	\$ 75,001	\$ 78,934	105%
Task 4 - Engineering	\$ 619,360	\$ 282,723	46%	\$ 5,745,134	\$ 6,413,937	112%
Task 5 - Environmental	\$ 117,408	\$ 254,153	216%	\$ 2,818,681	\$ 1,696,888	60%
Task 7 - DEIR/EIS	\$ -	\$ -		\$ 10,188	\$ 10,242	101%
Task 8 - Certification/ROD	\$ -	\$ -		\$ -	\$ -	
ODCs	\$ 29,939	\$ 21,034	70%	\$ 330,065	\$ 87,774	27%
Total	\$ 947,522	\$ 719,210	76%	\$ 10,433,060	\$ 9,422,423	90%



3) Deliverable Status and Summary Schedule

The attached supplemental tables and figures provide additional information on the current schedule and status of the following deliverables:

- | | |
|--|--|
| a) BP-URS-Sch-Env Milestones-March 2013 v1.xls | Environmental Milestones Report |
| b) BP-URS-Deliverables Status-March 2013 v1.xls | Deliverables Status Table |
| c) BP-URS-Sch-Summary-March 2013 v1.pdf | Summary Schedule |
| d) BP-URS-Earned Value Report-March 2013 v1.pdf/.xls | Earned Value Report
Hours/Dollars for the Fiscal Year
Hours/Dollars for the Entire Project |

4) Key Developments and Accomplishments

Task 1 Management

1.1 **Project Management (PM)/PM Plan/Meetings/Coordination**

- a) Continued to work with the PMT, including responding to requests for information/analysis and conducting bi-weekly management team meetings.
- b) Attended the Regional Environmental Approach workshop on February 26 in Los Angeles to discuss program guidance, methods, checkpoint process, and other steps related to the approach for the environmental document.

1.2 **Quality Assurance (QA)/Quality Control (QC)/Safety/Risk**

- a) Continued to conduct QA/QC activities for deliverables, including verification of adherence to QA/QC Plan before submittal.
- b) Followed up on action items from the February 12 quality improvement planning work session.

1.3 **Document Control**

- a) Conducted additional website refresher training for the RC team, as needed.
- b) Continued to manage posting and internal review of draft documents and work products, as specified in the RC's Document Control Plan.
- c) Continued to post documents for PMT and Authority review on ProjectSolve.

1.4 **Schedule, Budget, and Progress Reports**

- a) Submitted invoice, progress reports and supplemental information, and schedule.
- b) Worked with the Authority to clarify the process for approval and payment of outstanding non-labor items (such as travel and field supplies).
- c) Prepared and submitted personnel request forms (PRFs) travel request forms (TRFs), and change request forms, as needed.

1.5 **Risk Management**

- a) Conducted an internal Risk Register review on February 25.

Task 2 Public Outreach

2.1 **Participation Plan**

No activity took place during this period.

2.2 **California High-Speed Train Project Agency Coordination Plan**

- a) Participated in bi-weekly coordination conference calls, hosted by Valerie Martinez, with the Southern California regional outreach team.
- b) Participated in the bi-weekly PMT/Project Management Organization (PMO)/Authority/RC BP Management Meeting.

- c) Participated in monthly the Statewide Communication and Outreach Team call hosted by the Authority communications team.
- d) On February 25, participated in the BP Risk Register Update Workshop.

2.3 Maintain Stakeholder Database

- a) Continued ongoing response to stakeholder requests for information and public correspondence.
- b) Prepared and submitted the monthly CommentSense Report.

2.4 Memoranda of Understanding

Not applicable.

2.5 Stakeholder Meetings and Briefings

- a) On March 6, participated in a stakeholder meeting with the National Chavez Center. This meeting provided a brief overview of the statewide HST project and schedule, the BP project schedule, and addressed the proposed alignment alternatives in the area of the National Chavez Center in Keene, California.
- b) On March 6, participated in a stakeholder meeting with the owner of Loop Ranch and the owner's attorney. This meeting provided a brief overview of the statewide HST project and schedule, the BP project and schedule, and addressed the proposed alignment alternatives in the area of the Loop Ranch and discussions surrounding landowner permission to access the ranch property for environmental surveys.
- c) On March 6, participated in a stakeholder meeting with Tejon Ranch. This meeting provided a brief overview of the statewide HST project and schedule, the BP project and schedule, and addressed the proposed alignment alternatives in the area of the Tejon Ranch and discussions surrounding landowner permission to access the ranch property for environmental surveys.
- d) On March 7, participated in a stakeholder meeting with representatives of agricultural business in the Edison area. This meeting provided a brief overview of the statewide HST project and schedule and the BP project and schedule, and addressed the proposed alignment alternatives through the Edison area including the removal of the Edison North alignment alternative in a SAA report planned for fall 2013.
- e) On March 7, participated in a stakeholder meeting with the Edison School District. This meeting provided a brief overview of the statewide HST project and schedule and the BP project and schedule, and addressed the proposed alignment alternatives through the Edison area including the removal of the Edison North alignment alternative in a SAA report planned for fall 2013.
- f) On March 14, participated in a stakeholder meeting with the Kern County Planning Director to discuss the role out of the new Oak Creek Pass alignment alternative and to solicit feedback from the county on the proposed alignment.
- g) On March 14, participated in a stakeholder meeting with the City of Tehachapi Community Development Director to discuss the role out of the new Oak Creek Pass alignment alternative and to solicit feedback from the city on the impacts of the proposed alignment.

2.6 Other Outreach

- a) Held weekly BP outreach team coordination/strategy conference calls.
- b) Participated in weekly Central Valley outreach team calls.
- c) Planned and coordinated logistics for future stakeholder outreach activities, including activities with the Palmdale to Los Angeles (PLA) outreach team.
- d) Provided ongoing public outreach support to the BP engineering and environmental team.

2.7 Create/Distribute Media/Newsletters

No activity this period.

Task 3 Project Definition

- a) The SAA scope and budget were defined and approved.
- b) Completed the description and evaluation of modifications to the 2012 SAA alternatives. Added description and evaluation of Oak Creek Pass alignment.
- c) Attended stakeholder meetings with the Chavez Center, Kern County Planning, Tejon Ranch, Kern County Farm Bureau, Edison School Superintendent, Edison Agricultural Interests, and City of Tehachapi.
- d) Finalized maintenance facility sites to be included in the SAA report. Prepared a description of facilities common to all sites, regardless of location.

Task 4 Engineering**4.1 Infrastructure 15%****4.1.1 Survey and Mapping**

No activity took place during this period.

4.1.2 Alignment

- a) Submitted responses to EMT comments on the Draft 15% Alignment Report.
- b) Created Oak Creek Pass SAA kmz exhibit and profile for Kern County and City of Tehachapi stakeholder meetings.
- c) Site reconnaissance of Oak Creek Pass SAA and Draft 15% alignment undertaken on March 14 and 15.
- d) Studied SAA Oak Creek Pass alignment impact of avoiding Tehachapi truck stop following City of Tehachapi meeting. PMT direction given to maintain alignment through truck stop.
- e) Refined the SAA Oak Creek Pass alignment to avoid two crossings on Tehachapi Willow Springs Road. Alignment adjusted in the vicinity of Willow Springs Raceway to balance cut and raceway impacts.

- f) Submitted refined Oak Creek Pass alignment alternative kmz to environmental team for initial study and alignment references to other engineering disciplines.
- g) Continued design of TSMF facilities south and north of Lancaster to include a Maintenance of Infrastructure Facility. At the request of the EMT, created 60 mph grade-separated connections at south and north of each TSMF alternative.

4.1.3 Temporary Construction Facilities

No activity took place during this period.

4.1.4 Stations

No stations are located in this section.

4.1.5 Bridges and Elevated Structures

- a) Investigated types of structures required for SAA Oak Creek Pass alignment and the TSMF.
- b) Developed concept structures for grade-separate connections into the TSMF alternatives from both north and south.

4.1.6 Tunnels

- a) Continued to evaluate geotechnical parameters at cuts to reduce the extent of slopes at portals for Oak Creek Pass alignment.
- b) Refined the ventilation, utilities, and portal layouts for future EMT/PMT engineering workshops. Investigated tunnel types required for the Oak Creek Pass alignment SAA.

4.1.7 Buildings

- a) Continued preliminary design of TSMF facilities for all SAA alternatives south and north of Lancaster to include a Maintenance of Infrastructure Facility. At request of the EMT, created 60 mph grade-separated connections at south and north of each TSMF alternative.

4.1.8 Grading/Earthworks and Borrow Sites

- a) Supported bridge, tunnels, and alignment designs as they related to grading and earthwork for the Oak Creek Pass alignment and TSMF.

4.1.9 Hydrology/Hydraulics/Drainage

- a) Continued investigating impacts of the stormwater quality, flooding, hydrology, hydraulics, and drainage along the HST alignments, supporting the alignment SAA as necessary.
- b) Participated in discussions of the Oak Creek Pass alignment design review for possible conflicts with hydrology, hydraulics, and drainage issues.

4.1.10 Utilities

- a) Continued investigating utility impacts along the HST alignments, as necessary to support the Oak Creek Pass alignment.

4.1.11 Geotechnical

- a) Provided input to meetings for Oak Creek Pass alignments.
- b) Continued evaluating geologic and seismic hazards for Oak Creed Pass alignments.
- c) Finalized preparation of summary of discussion items for future EMT/PMT engineering workshops.
- d) Provided comments on Geology, Soil, and Seismicity TR prepared by the environmental team.
- e) Responded to the environmental team's comments on the Draft 15% Fault Hazard Evaluation Report.
- f) Drafted responses to EMT comments on the Draft 15% Geologic and Seismic Hazards Report.
- g) Researched and solicited obtaining aerial stereo photographs from EDR for Geologic Seismic Hazards Report.
- h) Initiated preparation of the Geophysical Exploration Work Plan.

4.1.12 Seismic

No activity was undertaken during this fiscal year.

4.2.5 Right-of-Way (ROW)

No work is anticipated due to the deferment of the ROW Report to FY13/14.

4.1.15 Roadway Plans and Structures

- a) Continued planning for stakeholder meetings with the California Department of Transportation, Kern County, Los Angeles County, Rosamond, Tehachapi, Edison, and other stakeholders as the need arises.
- b) Worked with the alignments team to assess the impacts on roadways due to the Oak Creek Pass alignment SAA and the TSMF SAA.
- c) Conducted an access roads workshop with PMT/EMT on March 15 to discuss maintenance and emergency access roads in the Tehachapi Mountains.

Task 4.2 Systems 15%**4.2.1 Traction Power**

- a) Continued collaborating with EMT to determine TPSS sites.
- b) Coordinated with alignment SAA and TSMF SAA to locate traction power facilities.

4.2.2 PUC/Connections

No activity took place during this period.

4.2.3 OCS – Not Used**4.2.4 Communications**

No activity took place during this period.

4.2.5 Trackside Services

No activity took place during this period.

Tasks 4.3 through 4.6

Not Used.

Tasks 4.7 Capital Cost Estimates

- a) The Draft 15% Quantities Basis of Estimate Report and master quality spreadsheets were submitted on March 1.

Task 4.99 Engineering Task Management

- a) Managed work required for completion of Draft 15% deliverables.
- b) Helped plan the balance of the FY12/13 AWP.
- c) Led engineering team coordination meetings.
- d) Attended outreach meetings.

Integration Management

- a) Coordinated team inputs for the new Oak Creek Pass alignment SAA change request.
- b) Reviewed schedule impacts for Oak Creek Pass alignment change.
- c) Coordinated the Geology, Soils, and Seismicity TR with the Engineering TRs.
- d) Attended the Regional Environmental Approach Workshop on February 26 in Los Angeles to discuss program guidance, methods, checkpoint process, and other steps related to the approach for the environmental document.

Task 5 Environmental Analysis**Task 5.1 Management and Coordination**

- a) Attended the biweekly BP PMT meetings on February 25, March 13, and March 25 to discuss environmental tasks, schedule, and budget, in addition to alignment review.
- b) Attended biweekly Statewide Environmental Updates on February 25, March 11, and March 25 to discuss the status of the HST in the Southern California region.
- c) Attended a meeting on February 28 with the PMT regarding the BP permitting needs of the project to discuss BP project permitting.
- d) Attended the Regional Environmental Approach Workshop on February 26 in Los Angeles to discuss program guidance, methods, checkpoint process, and other steps related to the approach for the environmental document.

- e) Attended a meeting with the PMT and Federal Railroad Administration (FRA) on March 15 and March 20 to discuss Section 408 and Section 404 permitting for the BP project.
- f) Continued management of environmental tasks and team coordination.
- g) Continued data and other coordination with engineering, the PLA team, and the PMT.

Administrative Record

- a) See Task 7.1.

Checkpoint B

- a) Geographical Information Systems (GIS) set up and preparation.
- b) Held a Checkpoint B revisions team meeting.

SAA

- a) Assisted by defining environmental input factors to be considered for the SAA.

Permission to Enter (PTE) Letters

- a) Coordination conference calls with Authority regarding the PTE process.
- b) Coordination with outreach team to get PTE letters for Loop Ranch.

Task 5.2 TRs

5.2.0 No Action/No Project Alternative TR

No activity took place during this period.

5.2.1 Transportation and Traffic Analysis TR

No activity took place during this period.

5.2.2 Air Quality TR

No activity took place during this period.

5.2.3 Noise and Vibration TR

- a) Completed detail check report (DCR) of the Noise and Vibration TR.
- b) Completed independent technical review (ITR) of the Noise and Vibration TR.
- c) Uploaded the Noise and Vibration TR to ProjectSolve.

5.2.4 Biological Resources and Wetlands TR

- a) Finalized the ITR and DCR review processes and documented with QA forms.
- b) Biological Resources and Wetland TR uploaded to ProjectSolve.
- c) Attended a meeting on March 14 with the U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Game (CDFG) regarding botanical surveys for 2013.

- d) Provided supplemental information regarding botanical surveys for 2013 and responses to additional information requested.
- e) Early season botanical surveys in the Central Valley, foothills, and mountains were conducted from March 20 to March 28.
- f) Attended weekly CDFG/USFWS meetings on February 27 and March 6, 13, 20, and 27.
- g) Attended meetings with the PMT and FRA on March 15 and March 20 to discuss Section 408 and Section 404 permitting for the BP project.
- h) Tracked the status of PTEs and followed up with telephone calls to obtain PTEs. Received permission for 424 parcels (32 percent). Continued follow up to obtain PTEs from Cummings and Loop ranches.

5.2.5 Hydrology and Water Quality TR

No activity took place during this period.

5.2.6 Geology, Soils, and Seismicity TR

- a) Reviewed 15% Draft Fault Hazard Evaluation and 15% Draft Geologic and Seismic Hazards reports for conformance with the Geology, Soils, and Seismicity TR.
- b) Coordinated within the RC team regarding discrepancies and suggested resolutions.

5.2.7 Hazardous Materials and Wastes TR

No activity took place during this period.

5.2.8 Community Impact Assessment TR

No activity took place during this period.

5.2.9 Relocation Impact Assessment TR

No activity took place during this period.

5.2.10 Aesthetics and Visual Quality TR

- a) Updated baseline figure input submitted. Mock-up consequences figure input complete.
- b) Affected environment and baseline updated text was completed and submitted for ITR. Environmental consequences text was completed and submitted for ITR.

5.2.11 Cultural Resources TR

- a) Task management and coordination with subcontractor.
- b) Scanned new records ordered from California Historical Resources Information System regional information centers and compiled missing records into a spreadsheet, creating a reliable database of resources located in the alignment.
- c) Linked site records to GIS coordinates in a spreadsheet.
- d) Internal coordination, budget, and invoice review.

Task 5.3 EIR/EIS Chapter 3 Sections**5.3.1 Transportation and Traffic Analysis**

No activity took place during this period.

5.3.2 Air Quality

No activity took place during this period.

5.3.3 Noise and Vibration

No activity took place during this period.

5.3.4 EMI/EMF

- a) Obtained and reviewed the most current copy of the Electromagnetic Compatibility Program Plan.

5.3.5 Public Utilities and Energy

- a) Identified sources to augment/add to existing utility conflict data, particularly for evaluating alignment alternatives away from existing wind turbine sites. One key source not previously acquired is California Energy Commission GIS files for certain high-risk utilities.
- b) Identified that a non-disclosure agreement (NDA) is required to obtain data.
- c) Continued drafting revised language in the Affected Environment and Environmental Consequences sections to include data consistent with the Utility Impact Report.
- d) Reviewed the latest list of data sources received and used to identify utility locations. Assessed their applicability to evaluating potential alternative alignments away from existing wind turbine sites.

5.3.6 Biological Resources and Wetlands

No activity took place during this period.

5.3.7 Hydrology and Water Quality

No activity took place during this period.

5.3.8 Geology, Soils, and Seismicity

No activity took place during this period.

5.3.9 Hazardous Materials and Wastes

No activity took place during this period.

5.3.10 Safety and Security

No activity took place during this period.

5.3.11 Community Impact Assessment

No activity took place during this period.

5.3.12 Growth, Station Planning, and Land Use

No activity took place during this period.

5.3.13 Agricultural Land

No activity took place during this period.

5.3.14 Parks, Recreation, and Open Space

No activity took place during this period.

5.3.15 Aesthetics and Visual Quality

- a) Downloaded data for edits needed of the Aesthetics and Visual Quality chapter.
- b) Organized GIS related edits for the chapter.

5.3.16 Cultural Resources

No activity took place during this period.

5.3.17 Regional Impacts

No activity took place during this period.

5.3.18 Cumulative Impacts

- a) Continued to follow up with local planning agencies for outstanding information pertaining to projects.
- b) Updated and edited information in Appendix 3.19 B.

5.3.19 Section 4(f) and 6(f) Evaluations

- a) Internal coordination.

Task 7 Draft/Final EIR/Environmental Impact Statement (EIS)

7.1 Administrative Draft

No activity took place during this period.

5) Planned Activities for Next Period

Activities reported in this section as “planned” are based on the scope of work established in the FY12/13 AWPv4. Additional work identified but not included in FY12/13 AWPv4 will be documented in Section 6 of this Monthly Progress Report.

Task 1 **Management**

1.1 **PM/PM Plan/Meetings/Coordination**

- a) Continue to work with the PMT, including responding to requests for information/analysis and conducting bi-weekly management team meetings.

1.2 **QA/QC/Safety/Risk**

- a) Continue to conduct QA/QC activities for deliverables, including verification of adherence to the QA/QC Plan before submittal of deliverables.
- b) Conduct root-cause analyses of QA issues brought to our attention by project managers or task managers.
- c) Respond to findings from the January 29 PMT QA/QC audit.

1.3 **Document Control**

- a) Conduct additional website refresher training for the RC team, as needed.
- b) Continue to manage posting and internal review of draft documents and work products as specified in the RC’s Document Control Plan.
- c) Continue to post documents for PMT and Authority review on ProjectSolve.

1.4 **Schedule, Budget, and Progress Reports**

- a) Submit invoice, progress reports and supplemental information, and schedule.
- b) Work with the Authority to clarify the process for approval and payment of outstanding non-labor items (such as travel and field supplies).
- c) Prepare and submit PRFs and TRFs as needed.
- d) Begin the preparation of the FY13/14 AWP.

1.5 **Risk Management**

- a) Accumulate information for the next risk register quarterly update, to be held on April 17.

Task 2 **Public Outreach**

2.1 **Participation Plan**

- a) Update the Participation Plan, as necessary.

2.2 **California High-Speed Train Project Agency Coordination Plan**

- a) Continue coordination with the PMT and Southern California outreach team.

2.3 Maintain Stakeholder Database

- a) Maintain the database of stakeholder comments and inquiries, and respond to public requests for information.

2.4 Memoranda of Understanding

Not applicable.

2.5 Stakeholder Meetings and Briefings

- a) Plan, schedule, and facilitate additional stakeholder meetings with identified stakeholder groups, as appropriate, to support preparation of the Administrative Draft EIR/EIS and SAAs.
- b) Support the PLA regional outreach team in stakeholder outreach and coordination with Antelope Valley stakeholders.

2.6 Other Outreach

- a) Continue to provide outreach support to the management, engineering, and environmental task teams.
- b) Continue planning and coordination of conference calls with the regional public outreach team and Southern California regional outreach team.
- c) Continue to respond to requests for project information from stakeholders and members of the public.

2.7 Create/Distribute Media/Newsletters

- a) Update BP collateral materials, as necessary.

Task 3 Project Definition**SAA**

- a) Prepare descriptions, evaluations, findings, and recommended actions for alignment revisions and maintenance facility sites, including the new Oak Creek Pass alignment.
- b) Prepare two draft SAA reports incorporating the above items for internal review.
- c) Attend stakeholder meetings to get additional feedback.

Task 4 Engineering**Task 4.1 Infrastructure 15%****4.1.1 Survey and Mapping**

- a) Define extent of mapping and request approval to obtain additional Intermap coverage for the Oak Creek Pass realignment concept.

4.1.2 Alignment

- a) Adjust SAA Oak Creek Pass alignment following continued coordination with environmental team and other engineering disciplines.

- b) Adjust SAA TSMF alternatives following continued coordination with environmental team and other engineering disciplines.
- c) Prepare exhibits for SAAs covering the Oak Creek Pass alignment alternative.

4.1.3 Temporary Construction Facilities

No activity is planned next month.

4.1.4 Stations

No stations are in this section.

4.1.5 Bridges and Elevated Structures

- a) Continue to analyze structures affected by alignment SSA and TSMF SAA.

4.1.6 Tunnels

- a) Continue support on Oak Creek Pass alignment alternative. Solicit concurrence from the EMT/PMT on design variances.
- b) In anticipation of focused engineering workshops with the EMT, and as part of reviewing the new alignment for inclusion in the SAA, limited design development will focus on developing access roads in portal areas for maintenance and evacuation, and identifying drainage issues at portal areas, ventilation/utilities requirements, and possible solutions at specific locations.

4.1.7 Buildings

- a) Prepare exhibits for SAAs covering the alternative sites for the TSMF.

4.1.8 Grading/Earthworks and Borrow Sites

- a) Continue to provide support for Oak Creek Pass alignment efforts related to minimization of wind farm impacts.

4.1.9 Hydrology/Hydraulics/Drainage

- a) Continue to participate in discussions of the Oak Creek alignment design review for possible conflicts with hydrology, hydraulics, and drainage issues.

4.1.10 Utilities

- a) Continue working on outreach possibilities with utility companies along the proposed alignment.

4.1.11 Geotechnical

- i) Continue evaluating the cost of obtaining stereo aerial photography for mountainous section of the alignment, and the Geologic Seismic Hazards Report.
- a) Prepare for Mark II Geologic Reconnaissance, pending responses to PTE letters.
- b) Prepare for execution of geophysical exploration.

- c) Provide support for upcoming preparation of the alignment SAA and TSMF SAA.
- d) Provide support for other disciplines, as needed.

4.1.12 Seismic

- a) No activity is planned for this period.

4.1.13 Right-of-Way

- a) No activity is anticipated due to the deferment of the ROW Report into FY13/14.

4.1.15 Roadway Plans and Structures

- a) Continue to review and modify the environmental footprint, as required.
- b) Prepare exhibits for stakeholder/outreach meetings.
- c) Review outcome of PMT/EMT access road workshop. Revise access roads as needed.
- d) Continue support of alignment team for the Oak Creek Pass alignment alternative.
- e) Continue support of TSMF site development.

Task 4.2 Systems 15%

4.2.1 Traction Power

- a) Refine locations of traction power in the SAA.
- b) Continue collaborating with the EMT to develop the TPSS two-substation option. Prepare files to assist the EMT/PMT with SCE discussions.

4.2.2 PUC/Connections

- a) Continue working on the strategy to determine high-voltage connections between SCE transmission line points and TPSS facilities.

4.2.3 OCS – Not Used

4.2.4 Communications

No work is planned for this period.

4.2.5 Trackside Services

No work is planned for this period.

Tasks 4.3 through 4.6: Not Used

Tasks 4.7 Capital Cost Estimates

- a) Continue with cost-estimating support for the 15% design.

Task 4.99 Engineering Task Management

- a) Commence drafting the Task 4 Engineering section of the annual work plan for FY13/14 to RTL.

- b) Lead engineering team coordination meetings.
- c) Attend outreach meetings.

Integration Management

- a) Finalize processes for footprint development and approval within the RC team.
- b) Review Hydrology and Water Resources TR issued by the environmental team for consistency with engineering reports. Establish key points of integration for future report updates.

Task 5 Environmental Analysis

Task 5.1 Management and Coordination

- a) Continue management of environmental tasks and team coordination.
- b) Continue data coordination (with engineering, GIS, and PLA teams for Palmdale Station Data) as needed.
- c) Continue EIR/EIS team meetings as needed.
- d) Continue weekly RC team conference calls.
- e) Continue bi-weekly BP/PMT/PMO/RC management team meetings.
- f) Continue bi-weekly statewide conference calls.
- g) Continue engineering coordination calls.

Administrative Record

- a) See Task 7.1

Checkpoint B

- a) Begin revising Checkpoint B to include new alternatives.

SAA

- a) Continue to provide environmental input to support the SAA reports.

PTE Letters

- a) Continue coordinating PTE responses and transmitting results for use in organizing field survey crews.

Task 5.2 TRs

5.2.0 No Action/No Project Alternative

No activity is planned for this period.

5.2.1 Transportation and Traffic Analysis TR

- a) Complete draft TR, conduct ITR/DCR, and then upload to ProjectSolve.

5.2.2 Air Quality TR

- a) Complete the Air Quality TR, pending data from PMT.

5.2.3 Noise and Vibration TR

No activity is planned for this period.

5.2.4 Biological Resources and Wetlands TR

- a) Checkpoint B initiation meeting with the U.S. Army Corps of Engineers and The U.S. Environmental Protection Agency.
- b) Discuss TSMF alternatives at weekly USFWS and CDFG conference call.
- c) Conduct USFWS and CDFG site visit/tour of BP biological resources, including new alignment and TSMFs.
- d) Conduct mid-season botanical surveys.
- e) Continue coordination with PMT/Authority/FRA/Nossaman regarding a preliminary versus approved jurisdictional determination.

5.2.5 Hydrology and Water Quality TR

No activity is planned for this period.

5.2.6 Geology, Soils, and Seismicity TR

No activity is planned for this period.

5.2.7 Hazardous Materials and Wastes TR

No activity is planned for this period.

5.2.8 Community Impact Assessment TR

- a) Complete TR, conduct ITR/DCR, and then upload to ProjectSolve.

5.2.9 Relocation Impact Assessment TR

- a) Complete TR, conduct ITR/DCR, and then upload to ProjectSolve.

5.2.10 Aesthetics and Visual Quality TR

- a) Respond to ITR comments and submit to editing/GIS for DCR and final document preparation.
- b) Coordinate with GIS on baseline figure revisions.
- c) Continue coordination with the PLA team on the Palmdale section.

5.2.11 Cultural Resources TR

- a) Continue to prepare Architectural Survey Report, Historic Properties Survey Report, Historic Architectural Survey Report, and the draft Paleontological Report for ITR.
- b) Finalize draft Paleontological Resources Report and upload to ProjectSolve.

Task 5.3 EIR/EIS Chapter 3 Sections**5.3.1 Transportation and Traffic Analysis**

No activity is planned for this period.

5.3.2 Air Quality

No activity is planned for this period.

5.3.3 Noise and Vibration

No activity is planned for this period.

5.3.4 EMI/EMF

No activity is planned for this period.

5.3.5 Public Utilities and Energy

- a) Determine the exact type and location of data to be requested under the California Energy Commission NDA. Seek NDA signature and submit.
- b) Conduct ITR and DCR of revisions to this chapter section and upload to ProjectSolve.

5.3.6 Biological Resources and Wetlands

No activity is planned for this period.

5.3.7 Hydrology and Water Quality

No activity is planned for this period.

5.3.8 Geology, Soils, and Seismicity

No activity is planned for this period.

5.3.9 Hazardous Materials and Wastes

No activity is planned for this period.

5.3.10 Safety and Security

No activity is planned for this period.

5.3.11 Community Impact Assessment

No activity is planned for this period.

5.3.12 Growth, Station Planning, and Land Use

No activity is planned for this period.

5.3.13 Agricultural Land

No activity is planned for this period.

5.3.14 Parks, Recreation, and Open Space

No activity is planned for this period.

5.3.15 Aesthetics and Visual Quality

No activity is planned for this period.

5.3.16 Cultural Resources

No activity is planned for this period.

5.3.17 Regional Impacts

No activity is planned for this period.

5.3.18 Cumulative Impacts

- a) Continue to coordinate with task leads to complete drafting the cumulative impacts analysis.
- b) Revise the cumulative projects list as needed and conduct ITR of the cumulative impacts analysis.

5.3.19 Section 4(f) and 6(f) Evaluations

- a) Complete the draft section and upload to ProjectSolve
- b) Continue drafting Affected Environment section. Continue communication with Cultural Resources team regarding data needs.

Task 7 Draft/Final EIR/EIS

7.1 Administrative Draft

- a) Begin uploading reference materials to the Administrative Record.

6) Additional Scope to FY12/13 AWP-Version 3

Since the submittal of AWPv3, the RC has tracked additional work scope that was submitted (or was planned to be submitted) via CR forms to adjust the FY 12/13 budget to fund the work. However, in January, the RC received guidance from the Authority to incorporate all approved and pending CRs that affect the AWPv3 scope, schedule, or budget into FY12/13 AWPv4, which was finalized and submitted for Authority approval on February 7. Configuration Change Request for the Oak Creek Pass alignment for SAA was submitted on March 21. This schedule change delays the ROD date to November 2015.