



**Regional Consultant
Monthly Progress Report
Bakersfield to Palmdale**

**For the Period of
July 28 through August 31, 2012**

**Prepared by
Scott Moorhouse, Project Manager**

**Submitted
September 10, 2012**

1) Key Issues and Areas of Concern

New Items:

- a) **Invoice:** In order to deliver the invoice on September 10, 2012, the Joint Venture (JV) partners billed only the work hours for the first 4 weeks of August on Invoice 7.02 and will bill the work hours that occurred August 27 through August 31 on Invoice 7.03.

On-going Items:

- b) **Power Source:** Based on discussions with project management team (PMT)/engineering management team (EMT) in August, the JV will continue to develop 2 options for traction power supply system (TPSS) locations until such time as the decision for power sources is made. In September, the JV will jointly review with PMT the scope, schedule and budget plan for incorporating that decision, which is currently expected by November 15, 2012.

The continued lack of an identified power source and transmission line for bringing traction power to isolated mountain areas of this project section will affect the project schedule. The spring 2012 environmental survey season has ended and the environmental team cannot complete the additional environmental field surveys needed to cover currently unknown alternative alignments for an electrical transmission line and associated access roads. Input from Southern California Edison (SCE) is essential for identifying reasonable and likely power source locations and transmission line route(s) to one or more high-speed train (HST) substations in the Tehachapi Mountains. In the long-term, the lack of an identified power source and transmission line route in the Environmental Impact Report/Environmental Impact Statement (EIR/EIS) could affect the construction schedule. To date, the Joint Venture (JV) has only been authorized to discuss with SCE the impact of the HST on SCE's existing infrastructure, and a number of useful meetings with SCE have already taken place to identify where HST might affect SCE's existing transmission lines. The responsibility rests with the EMT to determine in conjunction with SCE the locations of the HST substations and SCE switching stations together with the routes of new transmission lines for serving the HST substations.

- c) **CEC GIS Data:** The JV continues to wait for a reply to the Authority's request made in November 2011 to the California Energy Commission for GIS data about natural gas and major electrical distribution lines. Obtaining this information as soon as possible would greatly assist the JV in completing the public utilities section of the Draft EIR/EIS.
- d) **Tier 1 Personnel:** The JV has identified additional key Tier 1 personnel who are required to augment or replace staff working on the project. Personnel Request Forms (PRFs) have been submitted, with the oldest dating back to October 26, 2011, for Bob Shulock of Hatch Mott MacDonald, as well as Chris Adams, the Deputy Engineering Manager. The delay in approving these personnel is causing problems related to allocating resources to keep the project on schedule. These PRFs need to be approved.

2) Financial Reporting

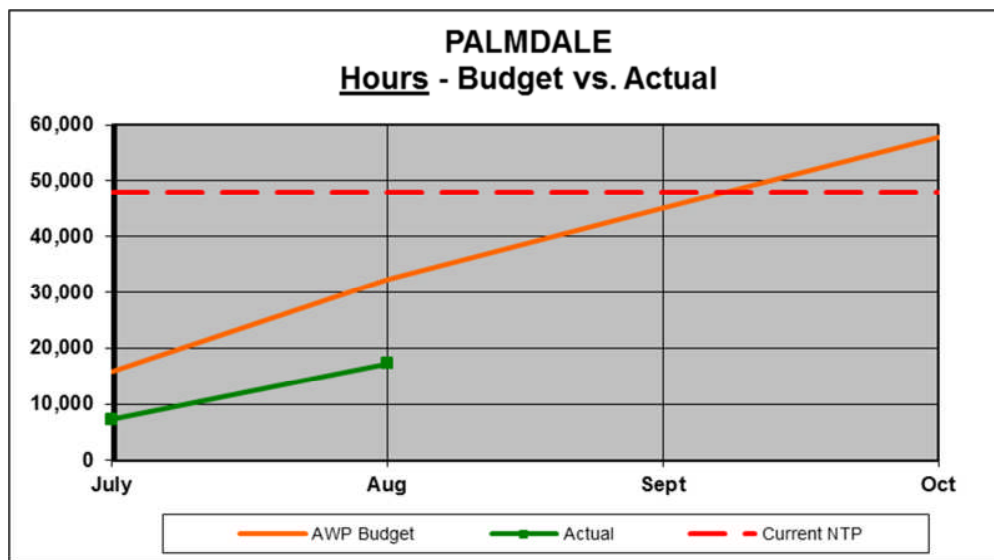
On July 27, 2012, NTP-01 for the Bakersfield to Palmdale (BP) Section was received, which provided a NTP budget of \$6,000,000 for FY12/13. The FY12/13 AWP-Version 3 budget of \$16,296,411 was used as the basis for reporting in the invoice and in the tables and charts below.

a. Staff Hours Worked

The period of performance extends from July 28 through August 31, 2012. To deliver the invoice on September 10, 2012, the JV partners billed only the hours for the first four weeks of August on Invoice 7.02 and will bill the hours that occurred August 27 through August 31 on Invoice 7.03. Actual hours versus those planned by task for this reporting period and for the cumulative reporting period since July 1, 2012, are shown in the following table and chart. Figures for this current reporting period include actual hours for subconsultants.

Hours Worked

PALMDALE Task	August 2012			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	1,441	726	50%	2,819	1,354	48%
Task 2 - Public Outreach	821	386	47%	1,607	586	36%
Task 4 - Engineering	6,466	7,619	118%	12,582	13,123	104%
Task 5 - Environmental	7,780	1,159	15%	15,156	2,155	14%
Task 7 - DEIR/EIS	32	-	0%	239	-	0%
Total	16,540	9,889	60%	32,403	17,218	53%

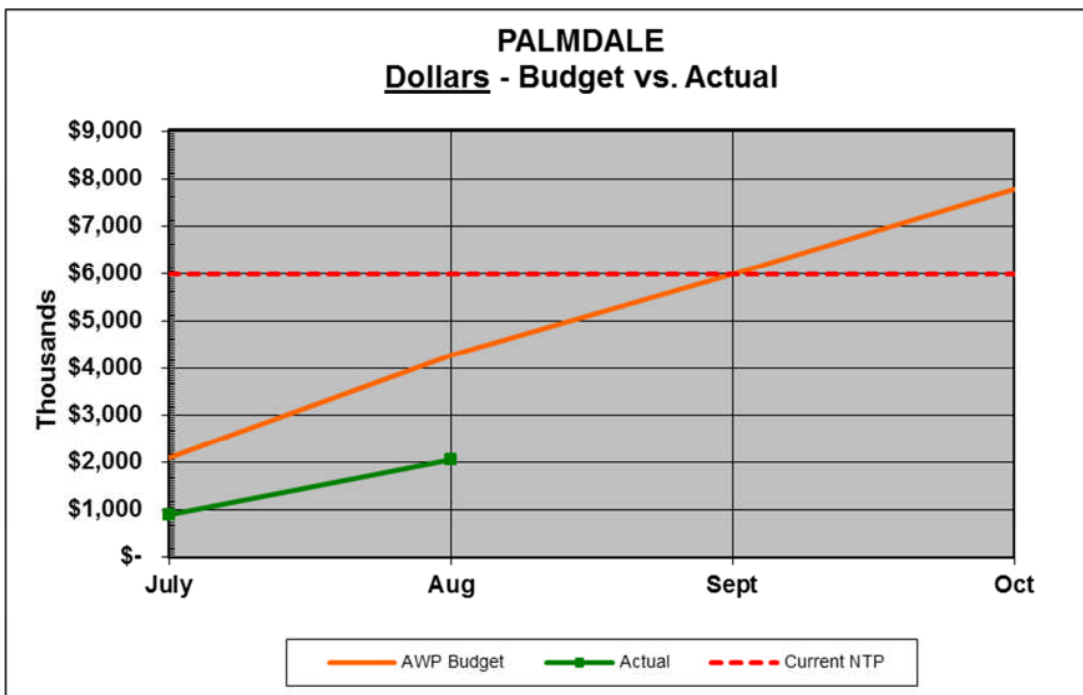


b. Dollars Spent

The period of performance extends from July 28 through August 31, 2012. To deliver the invoice on September 10, 2012, the JV partners billed only the hours for the first four weeks of August on Invoice 7.02 and will bill the hours that occurred August 27 through August 31 on Invoice 7.03. Actual dollars versus planned by task for this reporting period and for the cumulative reporting period since July 1, 2012, are shown in the following table and chart. Figures for this current 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 have been grouped together and are reported as other direct costs (ODCs).

Dollars Spent

PALMDALE Task	August 2012			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	\$ 165,235	\$ 93,763	57%	\$ 323,286	\$ 175,792	54%
Task 2 - Public Outreach	\$ 82,299	\$ 46,694	57%	\$ 161,020	\$ 68,491	43%
Task 4 - Engineering	\$ 1,010,865	\$ 900,465	89%	\$ 1,970,121	\$ 1,605,058	81%
Task 5 - Environmental	\$ 814,554	\$ 110,973	14%	\$ 1,597,266	\$ 203,075	13%
Task 7 - DEIR/EIS	\$ 2,953	\$ -	0%	\$ 22,151	\$ -	0%
ODCs	\$ 100,285	\$ 3,219	3%	\$ 198,298	\$ 4,667	2%
Total	\$ 2,176,191	\$1,155,114	53%	\$ 4,272,143	\$ 2,057,084	48%



3) Deliverable Status and Summary Schedule

Please see the attached supplemental tables and figures on the current schedule and status of deliverables:

- a) BP-URS-Sch-Env Milestones-Aug 2012.xls “Measles” Chart
- b) BP-URS-Deliverables Status-Aug 2012.xls Deliverables Status Table
- c) BP-URS-Sch-Summary-Aug 2012.pdf Summary Schedule
- d) BP-URS-Earned Value Report-Aug 2012.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 PM/PM Plan/Meetings/Coordination

- a) Continued coordination and communication with Mike Gillam, PMT Deputy Director-South, and Don Currie, PMT Regional Manager.
- b) Notified the Authority and PMT that David Marx, Project Deputy Director, would leave URS on August 3, 2012, and proposed Rus Rudden as the new Deputy Director for the Bakersfield to Palmdale (BP) section.
- c) Continued biweekly Regional Consultant (RC) management team meetings with the PMT.
- d) Received Authority approval on August 31, 2012, to add Sierra Engineering Group to the project.

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

- a) Verified implementation of QA/QC reviews of deliverables.
- b) Held QA/QC team conference calls to inform members of project schedule status.
- c) Held series of QA/QC training sessions for JV team.

1.3 Document Control

- a) Continued review of JV website functionality and document control procedures to optimize performance and usability.
- b) Continued to manage the web-based system to conduct internal reviews of documents and work products as specified in the Document Control Plan.
- c) Continued to post documents for PMT and Authority review on ProjectSolve.

1.4 Schedule, Budget, and Progress Reports

- a) Continued management of work progress, schedule, cost/budget, staffing, and deliverables tracking.
- b) Submitted multiple Personnel Request Forms (PRFs) packages and Travel Request Forms (TRFs), and received provisional approvals.
- c) Submitted updated schedule, progress report, and invoice on August 10, 2012.
- d) Worked with Authority staff, as requested, to resolve short-pay issues and provide information.

1.5 Risk Management

- a) On August 29, 2012, participated in the Risk Register review meeting with the PMT and updated the Risk Register.

Task 2 Public Outreach**2.1 Participation Plan**

- a) No activity this period.

2.2 California HST Project (CHSTP) Agency Coordination Plan

- a) Participated in biweekly conference calls, hosted by Valerie Martinez, with the Southern California Regional Outreach Team to coordinate outreach activities.
- b) Participated in the biweekly PMT/JV BP project management team meeting.
- c) On August 29, participated in the BP Risk Register Quarterly update meeting.

2.3 Maintain Stakeholder Database

- a) Continued ongoing updates to BP stakeholder contact database in preparation for future direct-mailing activities.
- b) Responded to stakeholder requests for information.

2.4 Memoranda of Understanding

Not applicable.

2.5 Stakeholder Meetings and Briefings

- a) On August 23, facilitated a stakeholder meeting with City of Lancaster regarding the proposed alignments through the City of Lancaster.
- b) On August 23, facilitated a stakeholder meeting with the Executive Director of the Kern County Wind Energy Association to discuss alignment impacts to wind resource areas in the Mojave/Tehachapi.
- c) On August 23, facilitated a joint stakeholder meeting with the Rosamond Community Services District (CSD) and the Rosamond Municipal Advisory Council (MAC) regarding the proposed alignments through the City of Rosamond.
- d) On August 28, facilitated a stakeholder meeting with the Los Angeles (LA) County Sanitation District regarding alignment impacts to the Lancaster waste water treatment facility.
- e) On August 28, facilitated a stakeholder meeting with LA County Supervisor Antonovich's staff (Mike Cano) to discuss proposed alignments in Lancaster and Palmdale.

2.6 Other Outreach

- a) Held weekly BP Outreach Team Coordination/Strategy conference call.
- b) Participated in the weekly Central Valley Outreach Team Coordination conference call.
- c) Planned and coordinated logistics for future stakeholder outreach activities.

2.7 Create/Distribute Media/Newsletters

- a) Updated project informational materials.

Task 3 Project Definition

Task is complete.

Task 4 Engineering**Task 4.1 – Infrastructure 15%****4.1.01 Survey and Mapping**

- a) Refined the Laser identification detection and ranging (LiDAR) based on the Digital Terrain Models (DTM).

4.1.02 Alignment

- a) Submitted 15% In-Progress design alignment roll plots and section sheets.
- b) Completed engineering report comparing TH1 and TH2 options.
- c) Continued refinement of vertical alignments at floodplains around SR-58 and at the Garlock fault using existing survey data. Cameron Canyon Road is now to be grade separated above the HST alignment.
- d) Revised the tunnel and structure extents throughout BP following ongoing coordination with structures and tunneling teams.
- e) Started production of Alignment Baseline Report.
- f) Continued to work with PLA regional team to clarify tie in at Palmdale and how to resolve differing assumptions for environmental footprints.
- g) Submitted environmental footprints to environmental team for study.
- h) Started report describing potential maintenance of infrastructure facility (MOIF) locations in the Antelope Valley. Continuing work with environmental team to determine impacts of each option.

4.1.03 Temporary Construction Facilities

- a) Continued working on the temporary construction facilities for the Constructability Assessment Memorandum (CAM) report.
- b) Provided construction sites to the environmental team as part of the overall revised footprint submission.

4.1.04 Stations

No stations in this section.

4.1.05 Bridges and Elevated Structures

- a) Attended workshop with PMT and EMT on August 1, 2012, in San Francisco for review of BP 15% design of tall structures and tunnels. This included discussion of geotechnical, systems, MOIF and alignments.
- b) Responded to comments on tall structures work plan.
- c) Prepared and submitted meeting notes for the August 1, 2012, workshop.
- d) Submitted In-Progress structures plans on August 24, 2012.
- e) Continued development of 15% design structures for Edison, Caliente Creek, Keene and Tehachapi subsections.
- f) Combined development of 15% structures design for Mojave and Antelope Valley subsections.

4.1.06 Tunnels

- a) Continued to develop the tunnels report and drawings with latest alignment. Four alignments have been identified creating 10 to 13 tunnels, depending on the subsection, total tunnel lengths vary from 7.2 to 8.4 miles.
- b) Prepared a presentation for the EMT regarding design development of the tunnels proposed for the BP section.
- c) Proposed typical cross-sections based on the directive drawings. Single bore, twin track with separating wall will be proposed for the conventionally mined tunnels, that are equal to or less than 1.5 miles long. Twin bore, single track with cross passages will be proposed for TBM tunnels that are equal to or more than 2.5 miles long.
- d) Addressed portal layouts and facilities based on the directive drawings and TM requirements. Areas calculated are generic and provide the maximum areas required for 15% design.
- e) Preparing memo on dynamic and fixed equipment envelope. Inconsistencies between directive drawings and TM's require discussion and guidance from the EMT.
- f) Prepared roll plots of construction lay down and portal layout area for all sections.
- g) Prepared In-Progress report and drawings.

4.1.07 Buildings

- a) Continued engineering study of the layout and location for a combined MOIF and storage tracks in the Antelope Valley area.
- b) Completed engineering study of Bakersfield storage tracks in the Caliente Creek subsection. Guidance was received to put storage tracks back in Bakersfield for Fresno to Bakersfield segment.

4.1.08 Grading/Earthworks and Borrow Sites

- a) Continued development of a memorandum documenting the pros and cons of opening-up tunnels in the Tehachapi Mountains.
- b) Refined the preliminary summary of tunnel portals, bridge limits, systems and access locations based on grading, drainage, and geotechnical constraints and operational needs.
- c) Continued development of the Earthwork Management Report.

4.1.09 Hydrology/Hydraulics/Drainage

- a) Continued preparing the preliminary 15% design hydraulics and hydrology reports and figures.
- b) Created in-progress submittals of the preliminary hydraulics and hydrology reports and figures.

4.1.10 Utilities

- a) Continued to collect utilities data.

4.1.11 Geotechnical

- a) Continued work on the Geologic and Seismic Hazard Report, including the preparation of 15% design level seismic design criteria.

- b) Continued data reduction and summary of the geologic reconnaissance survey. Initiated reporting phase for September 7, 2012 In-Progress submittal.
- c) Initiated Geotechnical Investigation Work Plan reporting phase for September 7, 2012, In-Progress submittal.
- d) Initiated Fault Hazard Evaluation reporting phase for September 7, 2012, In-Progress submittal.
- e) Provided geotechnical support to the structures including soil springs for bridge foundations.

4.1.12 Seismic

- a) No activity this fiscal year.

4.1.13 Right-of-Way

- a) No activity this period.

4.1.15 Roadway Plans and Structures

- a) Continued development of roadway impacts and preliminary design in all subsections ongoing (In-Progress Submittal 8/31/12).
- b) Prepared in-progress roll plot submittal of roadway designs along the entire segment for the PMT on August 31, 2012.
- c) Continued analysis of options for access roads to tunnel portals, bridge abutments, and systems sites in the Caliente Creek, Keene, Tehachapi, and Mojave subsections. Access road grades (12% max.) and potential new access road ties to SR 58 are topics that will need to be discussed.
- d) Prepared study of roadway crossings in Lancaster of an at-grade AE option for relocating the Metrolink station and connective elements.
- e) Anticipate additional meeting with Caltrans in September and with Kern County, Los Angeles County, City of Rosamond, and City of Lancaster in September and October, 2012.

Task 4.2 – Systems 15% Design

4.2.1 Traction Power

- a) Locations for the systems sites have been identified based on the latest alignments and profiles. Have considered both 2 traction power substation (TPSS) and 3 TPSS options, where possible using the same land parcel for both. However, the final determination of the locations of TPSS facilities awaits direction from the EMT. Conducted field trip to visually inspect as many facility sites as possible.

4.2.2 PUC/Connections

- a) Continued investigations based on possible two and three TPSS site alternatives. Preparing roll plots for in-progress submittal due August 31, 2012.

4.2.4 Communications

- a) Continued investigations into locating radio sites between TPSS sites, interlocking houses, and tunnel portals.

4.2.5 Trackside Services

- a) Continued investigations into locating trackside interlocking houses controlling turn-outs and crossovers.

Tasks 4.3 through 4.6 – Not Used**Tasks 4.7 – Capital Cost Estimates**

- a) Reviewed the cost implications of phased implementation.

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

- a) Continued project management tasks and team coordination.
- b) Continued coordination of permissions to enter for project area properties.
- c) Continued coordination of project data needs with engineering, GIS, and the Los Angeles to Palmdale team.
- d) Held biweekly project status meetings on August 1 and 15, 2012.
- e) On August 7, 2012, held Bakersfield to Palmdale environmental footprint coordination conference call with the engineering team.
- f) Created an internal data needs spreadsheet and updated engineering data needs list for project operations, station details, tunnel information, construction information, and design features.
- g) Revised Potential Alternatives Considered during Alternatives Screening Process, to reflect processes followed for previous environmental documents and the evolution of alternatives in each subsection.
- h) Identified missing information needed.

Administrative Record

- a) Continued preparations for compiling the administrative record.

Checkpoint B

- a) Per direction received from Lynne Marie Whately, PMT, Checkpoint B was put ‘on hold’ as of July 30, 2012. If directed to do so by the Authority, the JV will complete Checkpoint B and submit.

Task 5.2 Technical Reports (TRs)**5.2.0 No Action/No Project Alternative**

- a) Addressed comments from ITR.

5.2.01 Transportation and Traffic Analysis TR

- a) No activity this period.

5.2.02 Air Quality TR

- a) Revised GIS figures and maps.

5.2.03 Noise and Vibration TR

- a) Conducted preliminary vibration testing at Plant 42 and submitted results to the PMT for review and comment..

5.2.04 Biological Resources and Wetlands TR

- a) Conducted review and detail check of current mapping and data.
- b) Began to develop GIS models for impact analysis.
- c) Continued revision of Affected Environment and Methods sections.
- d) Began development of impacts discussion.

5.2.05 Hydrology and Water Quality TR

- a) Reviewed draft report to assess needs for updating, made revisions as necessary.

5.2.06 Geology, Soils, and Seismicity TR

- a) Revised maps and figures.

5.2.07 Hazardous Wastes and Materials TR

- a) Revised maps and figures

5.2.08 Community Impact Assessment (CIA) TR

- a) Began to collect bike path data for affected environment.

5.2.09 Relocation Impact Assessment TR

- a) No activity this period.

5.2.10 Aesthetics and Visual Quality TR

- a) No activity this period.

5.2.11 Cultural Resources TR

- a) Continued coordination with PMT and agencies regarding Section 106.

Task 5.3 EIR/EIS Chapter 3 Sections

5.3.01 Transportation and Traffic Analysis

- a) Revised the Palmdale Station analysis from the P-LA EIR/EIS language and format for consistency with the Bakersfield Station analysis. .

5.3.02 Air Quality

- a) No activity this period.

5.3.03 Noise and Vibration

- a) No activity this period.

5.3.04 EMI/EMF

- a) No activity this period.

5.3.05 Public Utilities and Energy

- a) Requested figures for new infrastructure information showing high-risk infrastructure data received to-date, such as Southern California Edison transmission lines and facilities and for wind power electrical transmission lines and infrastructure.
- b) Provided partial data to GIS lead for mapping and analysis.
- c) Continued drafting Affected Environment section and collecting data for tables, figures and a Water Usage Memorandum.

5.3.06 Biological Resources and Wetlands

- a) Began revision of Affected Environment and Methods sections.

5.3.07 Hydrology and Water Quality

- a) No activity this period.

5.3.08 Geology, Soils, and Seismicity

- a) Addressed comments on draft geology chapter from engineering team regarding fault activity in Tehachapi and Antelope Valleys.

5.3.09 Hazardous Wastes and Materials

- a) No activity this period.

5.3.10 Safety and Security

- a) No activity this period.

5.3.11 Community Impact Assessment

- a) No activity this period.

5.3.12 Growth, Station Planning, and Land Use

- a) Received and reviewed additional transit-orientated development (TOD) data for City of Lancaster.

5.3.13 Agricultural Land

- a) No activity this period.

5.3.14 Parks, Recreation, and Open Space

- a) No activity this period.

5.3.15 Aesthetics and Visual Quality

- a) No activity this period.

5.3.16 Cultural Resources

- a) No activity this period.

5.3.17 Regional Growth

- a) Began identifying data needs and preparing introductory sections.

5.3.18 Cumulative Impacts

- a) Re-initiated collection of missing data for the cumulative project list.
- b) Contacted local jurisdictions and agencies for input regarding the cumulative project list.

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

- a) Collected data on locations of known Section 4(f) facilities in study area.
- b) Performed an overview level of analysis on impacts to known Section 4(f) facilities by alignment alternative.
- c) Developed preliminary table of known Section 4(f) facilities and potential for impacts. Table was provided to engineering team for consideration in alternatives development.

5) ***Planned Activities for Next Period***

The activities reported in this section as “planned” are based on the scope of work established in FY12/13 AWP Version 3. Additional work identified that was not included in FY12/13 AWP Version 3 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 PMT, including responding to requests for information/analysis, and conducting biweekly management team meetings.

1.2 QA/QC/Safety/Risk

- a) Continue to conduct QA/QC activities for all deliverables, including verification of adherence to QA/QC Plan before submittal.
- b) Conduct additional QA/QC training for the entire JV team.

1.3 Document Control

- a) Conduct additional website refresher training for team, as needed.
- b) Continue to manage posting and internal review of draft documents and work products as specified in the JV’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) Prepare final FY11/12 invoice for trailing expenditures.
- c) Work with Authority to clarify process for approval and payment of outstanding non-labor items (such as travel, field supplies).
- d) Prepare and submit PRFs, TRFs, and CRFs, as needed.

1.5 Risk Management

- a) Review and contribute to Risk Register, as needed, per PMT direction.

Task 2 Public Outreach

2.1 Participation Plan

- a) Update Participation Plan, as necessary.

2.2 California HST Project (CHSTP) Agency Coordination Plan

- a) Continue coordination with the PMT and Southern California Outreach Team.

2.3 Maintain Stakeholder Database

- a) Maintain 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, in support of preparing the Administrative Draft EIR/EIS.
- b) Support the Palmdale to Los Angeles Regional Outreach Team in stakeholder outreach and coordination to 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 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.

Task 3 Project Definition

Task is complete.

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

- a) No work planned this period.

4.1.2 Alignment

- a) Respond to PMT and EMT comments on In-Progress submittal.
- b) Continue to review the environmental footprint and modify, as required.
- c) Continue production of plan/profile sheets incorporating any changes resulting from comments.
- d) Continue production of exhibits to support outreach efforts, including Lancaster, Metrolink, LA Sanitation District, and Union Pacific.
- e) Prepare drawing sheets for Draft submittal.

4.1.3 Temporary Construction Facilities

- a) Submit In-Progress CAM report on September 7, 2012, which will show all construction sites. Detailed discussion on constructability will not be included for the In-Progress submission.

4.1.4 Stations

- a) No stations in this section.

4.1.5 Bridges and Elevated Structures

- a) Respond to comments on In-Progress Structures submittal and schedule comment resolution meeting.
- b) Continue 15% design structures.

- c) Prepare drawing sheets for Draft submittal.
- d) Continue analysis for complex structures.
- e) Submit In-Progress HST Structures 15% Design Report for over the shoulder review.

4.1.6 Tunnels

- a) Continue 15% design.
- b) Prepare drawing sheets for Draft submittal.
- c) Submit In-Progress Tunnels 15% Design Report for over the shoulder review.

4.1.7 Buildings

- a) Continue development of alternative MOI sites.

4.1.8 Grading/Earthworks and Borrow Sites

- a) Continue 15% design.

4.1.9 Hydrology/Hydraulics/Drainage (HH&D)

- a) Continue drafting the preliminary 15% design hydraulics and hydrology reports and figures.

4.1.10 Utilities

- a) Continue the data collection of the high-risk utilities for 15% design.

4.1.11 Geotechnical

- a) Continue to reduce data from geologic reconnaissance of the alignments and deliver the In-Progress Geologic Reconnaissance Data Report on September 7, 2012.
- b) Prepare and deliver Fault Hazard Evaluation Report for In-Progress submittal on September 7, 2012.
- c) Prepare and deliver the In-Progress Geologic and Seismic Hazards Report for In-Progress submittal on September 7, 2012.
- d) Prepare and deliver the In-Progress Geotechnical Investigation Work Plan for In-Progress submittal on September 7, 2012.
- e) Initiate preparation of Preliminary Geotechnical Design reports for Tall Bridges and Tunnels.
- f) Continue to provide geotechnical support to the structures, tunnels, and HH&D teams.

4.1.12 Seismic

- a) No activity this fiscal year.

4.1.13 Right-of-Way

- a) No activity planned this period.

4.1.15 Roadway Plans and Structures

- a) Continue 15% design.
- b) Anticipate IDR and PMT meetings in September.
- c) Anticipate meeting with City of Lancaster/Metrolink to review station relocation and roadway crossing options for an at-grade AE.

Task 4.2 – Systems 15%

4.2.1 Traction Power

- a) Continue working on strategy to determine TPSS sites.
- b) Continue 15% design.

4.2.2 PUC/Connections

- a) Continue working on strategy to determine high-voltage connection points to TPSS facilities.

4.2.3 OCS – Not used

4.2.4 Communications

- a) Continue 15% design.

4.2.5 Trackside Services

- a) Continue 15% design.

Tasks 4.3 through 4.6 – Not used

Tasks 4.7 – Capital Cost Estimates

- a) Continue to develop construction material and equipment quantities for use in the environmental economic and air quality analyses.

Task 5 Environmental Analysis

Task 5.1 – Management and Coordination

- a) Continue management of environmental tasks and team coordination.
- b) Continued data and other coordination with Palmdale to Los Angeles team.
- c) Continue to support to 15% design development, including evaluating the engineering schedule, status of engineering data needs, and revision of EIR/EIS schedule based on schedule for engineering inputs.
- d) Hold biweekly project team meeting with EIR/EIS task leads.

Administrative Record

- a) Continued preparations for compiling the administrative record.

Checkpoint B

- a) Checkpoint B is currently on hold. If directed to do so by the Authority, JV will complete Checkpoint B Report and submit.

Task 5.2 – Technical Reports (TR)

5.2.0 No Action/No Project Alternative

- a) Submit final draft section to PMT.

5.2.01 Transportation and Traffic Analysis TR

- a) Submit draft report for ITR/detail check.

5.2.02 Air Quality TR

- a) Continue to develop draft TR.

5.2.03 Noise and Vibration TR

- a) Address comments from the PMT on the preliminary vibration testing at Plant 42 prior to conducting transfer mobility testing at this site.
- b) Continue preparation of the existing conditions section.
- c) Conduct vibration measurements in the city of Palmdale.

5.2.04 Biological Resources and Wetlands TR

- a) Continue updating draft write-up for Biological Resources TR and Wetlands Delineation.

5.2.05 Hydrology and Water Quality TR

- a) Continue analysis and draft updates of Environmental Consequences section of TR and submit to PMT.

5.2.06 Geology, Soils, and Seismicity TR

- a) Respond to PMT comments and revise, as necessary.

5.2.07 Hazardous Wastes and Materials TR

- a) Receive comments from ITR and revise draft, as necessary.

5.2.08 Community Impact Assessment TR

- a) Continue data collection, begin drafting TR.

5.2.09 Relocation Impact Assessment TR

- a) No activity planned this period.

5.2.10 Aesthetics and Visual Quality TR

- a) Activity is currently on hold.

5.2.11 Cultural Resources TR

- a) Continue analysis of data for the Archaeological Survey Report (ASR), Historic Architecture Survey Report (HASR), and Paleontology Report.
- b) Continue preparation of Department of Parks and Recreation site record forms and context statements for ASR and HASR.
- c) Continue preparation of context data for Paleontological Report.

Task 5.3 – EIR/EIS Chapter 3 Sections

5.3.01 Transportation and Traffic Analysis

- a) Complete draft and submit to PMT for review and comment.

5.3.02 Air Quality

- a) No activity planned for this period.

5.3.03 Noise and Vibration

- a) Begin preparation of Noise and Vibration section.

5.3.04 EMI/EMF

- a) Continue to receive comments from PMT on previously submitted EMF/EMI Field Measurement Protocol report, initial draft EMF/EMI Field Measurement Survey report and revise document, as necessary.

5.3.05 Public Utilities and Energy

- a) Prepare maps and conduct analysis of newly acquired utility crossing and facility location data, including rural areas.

5.3.06 Biological Resources and Wetlands

- a) Continue revision of Affected Environment and Methods sections. Begin development of impacts discussion.

5.3.07 Hydrology and Water Quality

- a) No activity planned this period.

5.3.08 Geology, Soils, and Seismicity

- a) No activity planned this period.

5.3.09 Hazardous Wastes and Materials

- a) Continue to revise draft based on comments received for the Fresno to Bakersfield Draft EIR/EIS section.

5.3.10 Safety and Security

- a) Submit revised section based on PMT comments.

5.3.11 Community Impact Assessment

- a) No activity planned this period.

5.3.12 Growth, Station Planning, and Land Use

- a) Coordinate with of Fresno to Bakersfield Draft EIR/EIS Land Use section to ensure consistency.
- b) Incorporate alignment changes.

5.3.13 Agricultural Land

- a) Respond to comments from PMT.
- b) Begin drafting Appendix 3.14 on animal operations.

5.3.14 Parks, Recreation, and Open Space

- a) Review PMT comments on draft and revise, as necessary.

5.3.15 Aesthetics and Visual Quality

- a) No activity planned for this period.

5.3.16 Cultural Resources

- a) No activity planned for this period.

5.3.17 Regional Impacts

- a) Continue drafting the introductory sections.

5.3.18 Cumulative Impacts

- a) Compile data from local jurisdictions and incorporate information into the cumulative project list.

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

- a) No activity planned for this period.

Task 7 Draft/Final EIR/EIS**7.1 Administrative Draft**

- a) Update necessary items based on new environmental footprint.
- b) Revise project description.

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

Additional work noted as out of scope was documented through the change request process.

- CR-137: The JV's request to add Sierra Engineering Group to the Regional Consultant team as a subconsultant was approved by the Authority on August 31, 2012. \$100,000 of Task 4 budget will shift from HMM to Sierra Engineering Group.
- The JV is currently preparing a change request to facilitate the environmental technical reports originally planned to be completed by June 30, 2012, and were not scoped in the FY12/13 AWP-Version, which now will be completed in FY12/13.
- The JV is currently preparing a change request to provide station consulting service for the City of Lancaster as an early mitigation measure for impacts to the Metrolink Rail Station.