



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

**For the Period of
September 1 through September 28, 2012**

**Prepared by
Scott Moorhouse, Project Manager**

**Submitted
October 11, 2012**

1) Key Issues and Areas of Concern

New Items:

- a) **FY12/13 NTP-2:** The Joint Venture (JV) is projecting to run out of the funds authorized under the limited Fresno to Bakersfield (FB) Notice to Proceed-01 (NTP-01) Acquisition budget (\$3,100,000) by about the second week of October 2012, and out of the funds under the Design budget (\$3,600,000) by about the third week in November 2012. If Design and Acquisition funds are considered together (\$6,700,000), as directed by the California High-Speed Rail Authority (Authority), the JV anticipates depletion of NTP-01 funds around the second week in November 2012. The JV projects that the NTP-01 Task 10 Right-of-Way budget (\$3,550,000) will be depleted by the first week of November 2012. The JV has notified the Authority of the projected depletion dates, and has requested issuance of NTPs-2. Pursuant to the August 16, 2012, California High-Speed Rail Authority Management Executive Directive (MED-081612), the JV will cease work under FY12/13 Annual Work Plan (AWP)-Version 3 when the NTP-01 funds are expended unless NTP-02 has been received. Also, as directed by MED-081612, the JV will not initiate out-of-scope work until the Authority has approved the respective change request. Delays in receiving approvals may result in schedule delays of both the requested out-of-scope work and other tasks that may be dependent on such work.
- b) **Kings River Crossing:** The JV requires final direction on the proposed profile for the BNSF (Hanford East) alternative for the Kings River crossing to meet the schedule for the Checkpoint C Hydrology/Hydraulics/Drainage (HHD) analysis. The JV also would like to schedule a meeting with the Kings River Conservancy District to review the proposed design change from the Revised Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) profile, but cannot do so until direction is provided. Direction is required by October 5, 2012, to achieve the revised environmental schedule, which requires informational package to be submitted on November 2, 2012, and an October 26, 2102, deadline for an updated footprint to be incorporated into the Final Environmental Impact Report/Final Environmental Impact Statement (FEIR/FEIS).
- c) **401 Certification:** The State Water Quality Control Board (SWQCB) has requested a 6-month lead time from application submittal to completion of the 401 water quality certification. The schedule currently shows 150 days, with submittal on January 13, 2013, as this schedule is dependent on the identification of the Least Environmentally Damaging Practicable Alternative (LEDPA) date. Given that the LEDPA drives this 401 permit schedule, there are schedule concerns for obtaining the certification. The LEDPA determination date must follow the SWQCB selection of the preferred alternative, which is currently scheduled for December 6, 2012.
- d) **404 Permit:** Acquisition of the 404 permit requires the completion of the 401 water quality certification process and the approval of the compensatory mitigation plan by the U.S. Army Corps of Engineers (USACE) and the U.S. Environmental Protection Agency (EPA). The mitigation plan requires identification of specific properties that will be acquired, restored, and maintained as project mitigation, and must include funding commitments by the

Authority and specific plans for who will implement mitigation and maintain the property in perpetuity. Acquisition of the 404 permit will require completion of the 401 water quality certification by the SWRCB. The schedule for obtaining a 404 permit will need to be monitored to ensure a permit is in hand prior to the start of construction in 2013.

- e) **Preferred Alternative Selection:** Authority and Federal Railroad Administration (FRA) discussions have deviated from the strawman assumptions of supporting the Hanford East and Bakersfield South alignments as part of the preliminary preferred alternative evaluations. The alternatives now under focused consideration are the Hanford West “avoidance” alternative and the Bakersfield Hybrid. The LEDPA follows the selection of the Preferred Alternative; therefore, the schedule may need to be revised once the final decision is made.

Ongoing Items

- f) **Approvals for Stakeholder Meetings:** Meetings are required with agencies and other stakeholders throughout the valley to discuss design issues particularly related to roadways, hydrology, and utilities. The JV has highlighted the relevant third parties and requested meeting dates from the project management team (PMT). However, as a result of a lack of agreements between the Authority and the appropriate parties, many of the requested meetings have been delayed. Although progress is being made, the ongoing delays in holding these meetings will affect the ability to implement changes to the Volume III drawings for the FEIR/FEIS and the request for proposal (RFP) documents.
- g) **RBNSF:** The JV Board of Control is in discussions with the California High-Speed Rail Authority (Authority) and the PMT to resolve the issue regarding additional 15% design and environmental analysis for the Revised BNSF (RBNSF) Alignment.
- h) **NODAs:** The Authority has not authorized contact for acquisition of any state, city, or railroad parcels, or for any of the privately owned parcels along the Construction Package (CP) 1 right-of-way. The appraisal process for the parcels where the Notice of Determination to Appraise (NODA) was not authorized by June 30, 2012, will not be completed by October 30, 2012, when acquisition funding is expected. This projection is based on an assumed 14-week period between the time of the initial owner contact and approval of the appraisal by the Department of General Services.
- i) **McKinley Avenue:** The California Department of Transportation (Caltrans) has requested that a roundabout be constructed at the northbound off-ramp from State Route 99 at McKinley Avenue. This design is not included in the Merced to Fresno Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS). The roundabout design would require different right-of-way information for 10 parcels. The JV has been directed to proceed with finalizing the appraisal maps; however, the appraisals in this area will not begin until a decision is made to include or exclude the McKinley roundabout design, and proper Authority authorization has been provided.
- j) **Geotechnical:** The JV did not receive a Notice to Proceed (NTP) for commencement of geotechnical exploration permitting activities for Packages 2, 3, and 4 by June 30, 2012. A new change request, CR-135, was filed for FY12/13 on July 10, 2012, with a revised schedule contingent on receipt of a NTP by July 16, 2012. Continued delay in receiving that NTP is resulting in a day-for-day delay in completion of the ground investigation, analysis, and deliverables. CR-135 was presented by the PMT to the Change Control Board on

August 16, 2012. As the JV understands it, the Change Control Board indicated that funds for geotechnical investigation will be drawn from construction funding, which is in processing for disbursement sometime in October or later. As a result of this delay in formal approval of the change request, the Geotechnical Data Report will not be available for the current addenda dates, and the current structural design for Packages 2, 3, and 4 will not be based on site-specific ground conditions. The JV proposed an analysis that sets boundaries upper and lower extents of anticipated geotechnical conditions to reduce uncertainty in estimating viaduct costs. Clarification was received on September 18, 2012, from the PMT that design should proceed on a basis of lower bound soil stiffness matrix only.

- k) **Invoice 7.03:** In order to deliver Invoice 7.02 on schedule, the JV partners billed only the hours for the first 4 weeks of August 2012 in Invoice 7.02. The JV has billed the hours from August 27 through August 31, 2012, in Invoice 7.03.

2) Financial Reporting

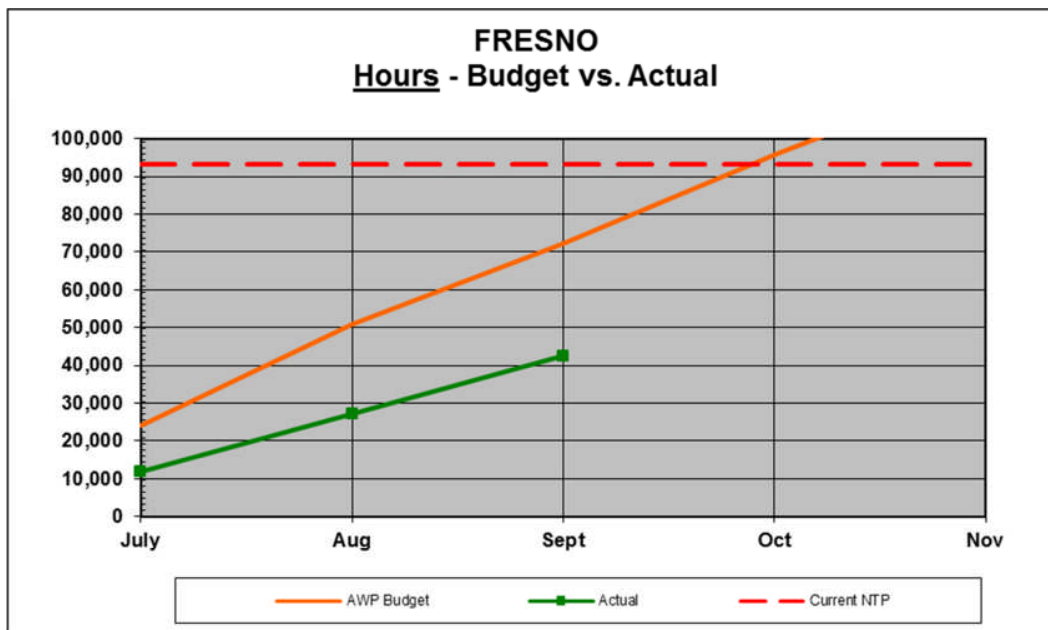
On July 27, 2012, the JV received NTP-01, which allocated a budget of \$6,700,000 for Tasks 1 through 9 and a budget of \$3,550,000 for Task 10, for an FY12/13 NTP-01 budget of \$10,250,000. The planned total budget of \$28,346,621, established in the FY12/13 AWP –Version 3, is reported in the tables and charts below.

a. Staff Hours Worked

The period of performance is September 1 through September 28, 2012. In order to deliver Invoice 7.02 on schedule, the JV partners billed only the work hours for the first 4 weeks of August (August 1 through August 24, 2012) in Invoice 7.02, and have billed the hours from August 27 through August 31, 2012, in 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

FRESNO Task	September 2012			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	1,269	1,427	112%	4,124	3,940	96%
Task 2 - Public Outreach	1,226	1,398	114%	3,983	4,065	102%
Task 4 - Engineering	5,330	3,088	58%	21,973	7,938	36%
Task 6 - Station Planning	377	201	53%	1,224	681	56%
Task 7 - EIR/EIS	3,345	3,317	99%	8,993	9,187	102%
Task 8 - Cert/ROD/Permits	2,424	1,181	49%	7,877	2,799	36%
Task 9.1 - Right of Way	17	-	0%	68	7	10%
Task 10 - ROW Mapping/Ac	7,366	4,785	65%	23,887	13,952	58%
Total	21,354	15,396	72%	72,129	42,569	59%

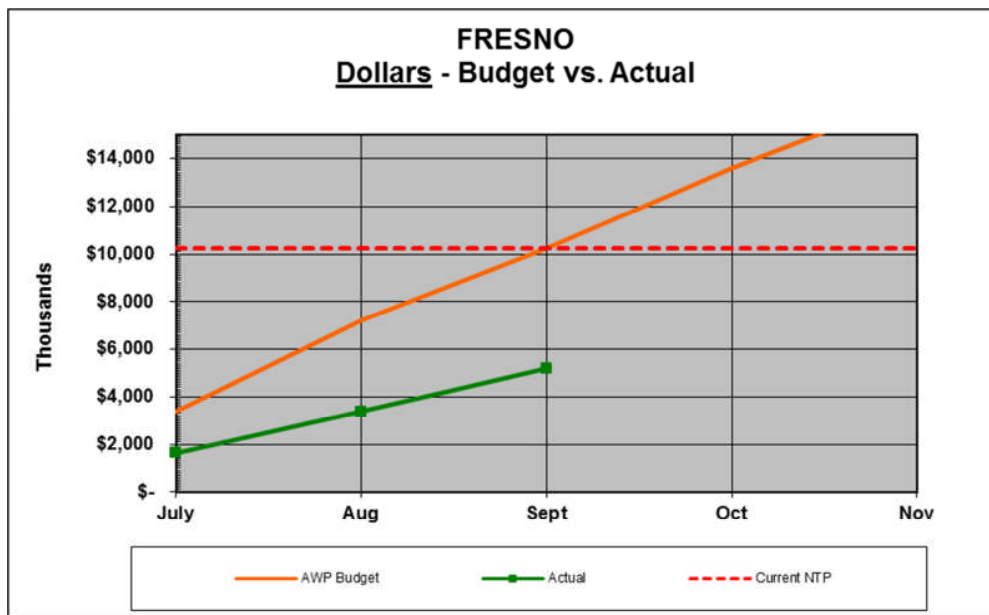


b. Dollars Spent

The period of performance is September 1 through September 28, 2012. In order to deliver Invoice 7.02 on schedule, the JV partners billed only the work hours for the first 4 weeks of August in Invoice 7.02; and have billed the hours from August 27 through August 31, 2012, in Invoice 7.03. Actual dollars 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 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

FRESNO Task	September 2012			Cumulative Since 7/1/12		
	Plan	Actual	Pct	Plan	Actual	Pct
Task 1 - Project Mgt.	\$ 150,730	\$ 164,756	109%	\$ 489,873	\$ 449,178	92%
Task 2 - Public Outreach	\$ 132,225	\$ 153,435	116%	\$ 429,730	\$ 439,799	102%
Task 4 - Engineering	\$ 767,607	\$ 425,881	55%	\$ 3,147,682	\$ 1,077,760	34%
Task 6 - Station Planning	\$ 51,540	\$ 29,027	56%	\$ 167,504	\$ 113,124	68%
Task 7 - EIR/EIS	\$ 454,677	\$ 369,206	81%	\$ 1,214,306	\$ 968,532	80%
Task 8 - Cert/ROD/Permits	\$ 238,540	\$ 112,452	47%	\$ 775,255	\$ 259,453	33%
Task 9.1 - Right of Way	\$ 2,802	\$ -	0%	\$ 11,206	\$ 961	9%
Task 10 - ROW Mapping/Ac	\$ 817,556	\$ 470,603	58%	\$ 2,649,901	\$ 1,349,492	51%
Other Direct Costs (ODCs)	\$ 426,451	\$ 82,763	19%	\$ 1,367,057	\$ 539,846	39%
Total	\$3,042,128	\$1,808,123	59%	\$ 10,252,514	\$ 5,198,145	51%



3) Deliverable Status and Summary Schedule

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

- a) FB-URS-Sch-Env Milestones-Sep 2012 v1.xls Environmental Milestones Report
- b) FB-URS-Deliverables Status-Sep 2012 v1.xls Deliverables Status Table
- c) FB-URS-Sch-Summary-Sep 2012 v1.pdf Summary Schedule
- d) FB-URS-Earned Value Report-Sep 2012 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 **PM/PM Plan/Meetings/Coordination**

- a) Received notification that Tom Tracy was stepping down from his position as PMT Regional Manager and that Peter Valentine would become the acting PMT Regional Manager. Weekly regional manager meetings to discuss project progress continued.
- b) Received notification that Jeff Abercrombie returned to Caltrans and that Diana Gomez was appointed Central Valley Director. The JV began working with Ms. Gomez to assist with the transition.
- c) Continued tracking changes in scope or guidance that have the potential to affect budget and/or schedule. The additional work elements that were identified after the submission of FY12/13 AWP-Version 3 are summarized in Section 6 of this progress report.
- d) Continued monitoring and direction of technical work, public outreach, and subconsultant team operations.
- e) Responded to requests for information and other support.

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

- a) Participated in Quality Assurance/Quality Control (QA/QC) audit on September 25, 2012.
- b) Verified that each deliverable was reviewed and checked in general accordance with the QA/QC Plan before submittal to the PMT, and developed a corrective action report to address a deviation from the process on one deliverable (the Caltrans Environmental Document).
- c) Held a series of QA/QC training sessions for the JV team.
- d) Held QA/QC team conference calls about project status.

1.3 **Document Control**

- a) Completed review and began enhancement 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 team's Document Control Plan.
- c) Continued to post documents for PMT and Authority review on ProjectSolve.

1.4 **Schedule, Budget, Progress Reports**

- a) Continued management of work progress, schedule, cost/budget, and deliverables tracking.
- b) Prepared weekly schedule updates and forwarded them to the PMT for review.
- c) Submitted multiple Personnel Request Forms (PRFs) packages, Travel Request Forms, (TRFs), and Budget Redistribution Request Forms, (BRRFs) and received provisional approvals.
- d) Submitted August 2012 Progress Report with supplemental information on September 10, 2012, and an invoice on September 11, 2012.

- e) Worked with Authority staff on invoice short payments and information request issues.

1.5 Risk Management

- a) Updated Risk Register based on input received from JV engineering leads.

1.6 Special Projects: Bid Support Services

- a) No activity during this period.

Task 2 Public Outreach

2.1 Participation Plan

- a) No activity this period.

2.2 California High-Speed Train Project (CHSTP) Agency Coordination Plan

- a) No activity this period.

2.3 Maintain Stakeholder Database

- a) Continued to update stakeholder database with contact information received at public meetings, during phone calls, and in other public comments.

2.4 Memoranda of Understanding

Not applicable.

2.5 Stakeholder Meetings and Briefings

- a) On September 4, met with the City of Corcoran to discuss Orange Avenue design options.
- b) On September 10, discussed reimbursement agreement with Wasco/Shafter Irrigation District.
- c) On September 10, met with Semi-Tropic Water Storage District to discuss reimbursement agreement.
- d) On September 11, met with North Kern Water Storage District regarding HST impacts on property.
- e) On September 11, held conference call with Charles Kimber regarding potential impact on his property.
- f) On September 11, met with Kern County and Kern County Grade Separation District.
- g) On September 12, met with Alpaugh Irrigation District to discuss reimbursement agreement with the water district.
- h) On September 12, met with Angiola Water District to discuss reimbursement agreement with the water district.
- i) On September 12, met with the City of Wasco regarding master and reimbursement agreements.
- j) On September 12, met with Corcoran Irrigation District and Corcoran Irrigation Company regarding reimbursement agreement with water districts.
- k) On September 13, met with the Kings River Conservation District to discuss reimbursement agreement.

- l) On September 13, met with the Pixley Irrigation District and Lower Tule River Irrigation District regarding reimbursement agreement with water districts.
- m) On September 13, met with Kaweah Delta Water Conservation District regarding reimbursement agreement.
- n) On September 16, hosted a booth at Univision Fiestas Patrias to provide information about the HST project in the Central Valley.
- o) On September 18 met with the Hmong Empowerment Resources and Outreach organization to discuss opportunities for outreach to the Hmong community and translation services.
- p) On September 19, met with the County of Tulare regarding reimbursement agreement.
- q) On September 19, met with the City of Shafter regarding reimbursement agreement.
- r) On September 20, met with Cross Creek Flood Control District, Tulare Lake Drainage District, Lakeside Irrigation Water District, and Lakeside Ditch Company regarding reimbursement agreements.
- s) On September 20, met with Consolidated Irrigation District to discuss reimbursement agreement.
- t) On September 21, conducted a tour with Diana Gomez for the new Central Valley Program Manager of the first construction section.
- u) On September 26, met with Hmong community-based organizations and media.
- v) On September 26, participated in Kern Minority Contractors Association meet-and-greet.
- w) On September 26, Jeff Morales met with Alan Tandy.
- x) On September 26, met with the California Trucking Association.
- y) On September 27, met with the Kern County Black Chamber.
- z) On September 27, met with Kern County Fast Forward Group.
- aa) On September 27, met with Gilberto Arias of the Bakersfield Mercado.

2.6 Other Outreach

- a) Prepared recommendations for outreach efforts to inform the public of the extended comment period.
- b) Coordinated postcard mailing to 30,000 recipients notifying them of the extended public comment period.
- c) Prepared Title VI assessment memos for RDEIR/SDEIS workshops and made recommendations on additional outreach efforts.
- d) Prepared a memo to the Authority detailing the environmental justice outreach efforts the Fresno to Bakersfield team has made since 2007.
- e) Conducted research into Title VI to ensure compliance.
- f) Coordinated with the Hmong community and media representatives regarding targeted outreach.
- g) Provided information to the City of Hanford for study session on September 18, 2012.

- h) Discussed outreach efforts to support/inform individuals of job opportunities associated with the HST and developed key messages.
- i) Participated in weekly Central Valley outreach strategy conference calls.
- j) Continued to review, process, and distribute public comments to the environmental team.
- k) Continued supporting the Authority with media responses.
- l) Coordinated with the engineering team on outreach needs.
- m) Staffed the Hanford office with up to two team representatives. Directed visitors to information in the RDEIR/SDEIS, reviewed maps, and answered questions as requested.

2.7 Create/Distribute Media/Newsletters

- a) Prepared a postcard for the extension of the public comment period.
- b) Prepared a PowerPoint presentation and messaging materials for outreach to the California Trucking Association.
- c) Prepared a PowerPoint presentation for a community meeting hosted by Fresno Councilmember Blong Xiong.

Task 3 Project Definition

Task is complete.

Task 4 Engineering

4.1 Infrastructure 15% (All other 4.1 tasks are complete.)

4.1.2 Alignment (Plan and Profile)

- a) Updated the storage tracks memo to latest PMT guidance for providing storage tracks, and resubmitted the memo to the PMT.

4.1.13 Right-of-Way

- a) No activity this period.

4.1.15 Roadway Plans and Structures

- a) Continued discussions with the Merced to Fresno team regarding McKinley, Belmont, and Olive streets in Fresno.
- b) Continued discussions with the PMT regarding potential roundabouts at Stanislaus and Tuolumne; awaiting direction on a way forward.

Caltrans Project Report

- a) Submitted in-progress project report for Package 1A and 1B to Caltrans for discussion purposes.

4.7 Capital Cost Estimates 15%

4.7.1 Infrastructure

- a) Holding off on updating 15% record set quantities estimates until design is frozen on October 19, 2012 (for the purposes of providing a final updated footprint for evaluation in the FEIR/FEIS). Draft values are used in the

environmental document, so the final Basis of Quantities Report is to be reissued concurrent with supporting FEIR/FEIS.

4.9 15% Design Submittals

4.9.6 Draft 15% Design Submittals

- a) Task is complete.

4.9.7 Final 15% Design Submittals

- a) No activity at this time.

4.11 Infrastructure – Preliminary Engineering for Procurement

4.11.1 Survey and Mapping

- a) Continued coordination activities.

4.11.2 Alignment (Plan and Profile)

- a) Began updating the 15% design sheets to preliminary environmental plan (PEP) design sheets.
- b) Continued to develop Package 2 baseline report.
- c) Issued avoidance review analysis memo on 2509 E. California (B2 alignment) to the PMT on September 28, 2012.
- d) Advanced review of storage track alternatives at KTR and Bakersfield Station and preparation of memo-report based on direction from the PMT.
- e) Finalized and issued to the PMT a revised memo on the Kings River crossing clarifying issues associated with adopting a 13-foot levee clearance option with embankment fill; coordinated with the environmental team on wildlife crossings and updated cost estimates.

4.11.3 Temporary Construction Facilities

- a) Reviewed template for requested Constructability Report by the PMT to be included in CP 2-4.

4.11.4 Stations

- a) Met with the EMT on September 26, 2012, to discuss fire, life-safety, and egress issues at the Fresno Station.
- b) Prepared schematic drawings illustrating key access issues in preparation for October 2, 2012, meeting with the EMT Fire/Life Safety and Security Team.

4.11.5 Bridges and Elevated Structures

- a) Completed development of structure models and analysis work on the Group 1 structures identified in the AWP (Conejo Viaduct BNSF Crossing Structure [Alignment H], Corcoran BNSF Crossing Structure [Alignment C2], and Poso BNSF Crossing Structure [Alignment L4]). Clarification received on September 18, 2012, from the PMT that design should proceed on basis of the lower bound soil stiffness matrix. Commenced documentation of analysis and design checks based on structure models.

- b) Hanford Viaduct [Hanford East Station site Alignment H] analysis development is pending decision on storage tracks and procurement of platform tracks.
- c) Incorporated EMT comments on Seismic Analysis Design Plan into final document, which will now form an appendix to the structures report.
- d) Commenced structures section baseline report with drafting for revised cross-sections and the table of structures.
- e) Continued to respond to comments and clarifications on design variances.
- f) Gave input to change request relating to development of individual structure reports for each package.

4.11.6 Tunnels

- a) No activity this period.

4.11.7 Maintenance-of-Way Buildings

- a) No activity this period.

4.11.8 Grading/Earthwork and Borrow Sites

- a) Developed recommendation for revising roadway designs to accommodate right-of-way issues, design speed and steeper side slopes.

4.11.9 Hydrology/Hydraulics/Drainage

- a) Continued developing draft Section 408 and encroachment permit applications for USACE and Central Valley Flood Protection Board (CVFPB) for Kings River, Cross Creek, and Kern River crossings.
- b) Continued studying proposed alignment impacts on floodplains across the Fresno to Bakersfield alignments near Kings River, Cross Creek, and Kern River.

4.11.10 Utilities

- a) Continued digitization of utility data into CAD and GIS, as received from local jurisdictions.

4.11.11 Geotechnical

- a) Packages 2, 3, 4 geotechnical investigation change request was approved by the PMT; however, investigation is on hold pending funding from the Authority.
- b) Continued support of structural engineering of Packages 2, 3, 4 complex structures with assumed geotechnical parameters.
- c) Submitted change request for continued budget to cover rental storage facility in Fresno.

4.11.12 Seismic

- a) No activity this period.

4.11.13 Right-of-Way

- a) No activity this period.

4.11.14 Construction Cost Estimate

- a) Not used. Refer to Task 4.17.

4.11.15 Roadway Plans and Structures

- a) Provided input to Kings River crossing conceptual alignments.
- b) Further developed the study of 11 road crossings in Fresno County to evaluate the impact of the 65-miles-per-hour design speed requirement.

Caltrans Project Report (PR)/Environmental Document (ED)

- a) Awaiting PMT comments on PR. See Task 7.2 for ED status.

4.12 Systems – PEP**4.12.1 Traction Power**

- a) Provided support to engineering team.

4.13 Rolling Stock – PEP

Not in Regional Consultant's (RC's) scope.

4.14 Not Used**4.15-4.16 Not in RC's scope.****4.17 Capital Cost Estimates – PEP****4.17.1 Infrastructure**

- a) Revised cost memo for the Kings River alignment profile options for Hanford East alternative to include wildlife crossings and additional right-of-way for the proposed 13-foot clearance embankment option.
- b) Prepared Fresno to Bakersfield PEP estimate development proposal for discussion and agreement with the PMT. This memo outlines the approach the RC proposes to take in developing quantities for CP 2-4.

4.17.2 – 4.17.4 Not in RC's scope.**4.18 Operating Costs – PEP**

Not in RC's scope.

4.19 PEP Design Submittal

- a) No activity at this time.

4.99 Engineering Task Management

- a) Led weekly meetings for Fresno to Bakersfield design team.
- b) Monitored and updated design change and footprint modification log.
- c) Monitored progress of PEP design baseline reports for Design Packages 2, 3, and 4, and managed the issue of CP 1 addenda deliverables.
- d) Prepared and reviewed change requests for additional services to AWP-Version 3 as requested by the PMT.
- e) Reviewed and produced input to support materials and provided onsite support to outreach meetings.

Integration Management

- a) Participated in weekly JV and PMT project management, environmental, and engineering meetings.

- b) Participated in multiple integration teleconferences among JV engineering, environmental, public outreach, right-of-way, QA, and/or project management team members to review outstanding intra-RC-team data requests and to resolve issues; facilitated scheduling, tracking, and delivery of data requests among engineering, environmental, and public outreach teams.
- c) Continued coordination with the Merced to Fresno team and PMT on approach to documenting design changes south of Clinton Avenue that post-date the Merced to Fresno Final EIR/EIS, and the Section 106 “gap analysis” being undertaken by the Merced to Fresno team.
- d) Continued coordination on hydrologic modeling needs for Section 408 permitting, Checkpoint C, and engineering.
- e) Facilitated preparation of draft responses to comments on the DEIR/DEIS between the JV engineering and environmental teams.
- f) Reviewed draft monthly progress report and weekly schedule updates.

Task 5 Environmental Analysis

Task is complete.

Task 6 Station Planning

6.1 Station Program

Task is complete.

6.2 Station Development Plans

- a) Continued to collaborate with Authority staff and PMT planning team to coordinate FY12/13 station area planning and design activities.

Task 7 Draft/Final EIR/EIS

7.1 Administrative Draft

Task is complete.

7.2 Prepare Draft Version of RDEIR/SDEIS

Caltrans Environmental Document (ED)

- a) Received initial PMT feedback on revised draft ED.
- b) Initiated revisions per PMT comments and direction.

7.3 Draft Final EIR/EIS & Response to Comments

- a) Provided oversight for the responding to public comments, and developing the Administrative Record.
- b) Continued to coordinate with PMT and engineering team to define and determine preferred alternative.
- c) Continued integration management and coordination to ensure consistency between draft Fresno to Bakersfield environmental document chapters and the 15% design, between Merced to Fresno and Fresno to Bakersfield environmental documents, and Clean Water Act and Central Valley Flood Protection Board permitting.

- d) Continued drafting responses to public comments on DEIR/EIS document (released August 2011).
- e) Initiate change request to address direction to review all submissions to identify those with URL references, and to access the URLs and download appropriate information to include in the submission postings on CommentSense or in the project record.

Public Review Revised DEIR/Supplemental DEIS

- a) Task is complete.

Administrative Record

- a) Continued to compile documents for the Administrative Record.
- b) Attended weekly coordination meetings with PMT and Attorney General's Office.

7.4 Identify Least Environmentally Damaging Practicable Alternative (LEDPA) and Checkpoint C

- a) Continued preparation of Sections 5 to 10 of draft summary report. See item 1(e) for Key Issue and Concern.

7.5 California Department of Fish and Game (CDFG) Consistency Determination

See Task 8.4.4.4.

7.6 Final EIR/EIS

No activity this period.

Task 8 Certification/ROD/Permits

8.1 Findings and Statement of Overriding Consideration

No activity this period.

8.2 Notice of Determination/Record of Decision

No activity this period.

8.3 Mitigation Monitoring and Reporting Plan

No activity this period.

8.4 Permitting

8.4.1 USACE 404 Permit

- a) Continued revisions to the Individual 404 permit application.

8.4.2 Regional Water Quality Control Board 401 Water Quality Certification

- a) Coordinated with SWQCB for preparation of the 401 permit application.
- b) Continued working with the Authority and Merced to Fresno team to develop a program-wide strategy for 401 certification.
- c) Continued drafting 401 permit application.

8.4.3 CDFG 1602 Agreements

- a) Continued coordination with the CDFG and SWQCB for preparation of the 1602 permit application.
- b) Continued development of the 1502 permit application.

8.4.4 Other Permits**8.4.4.1 Section 106 Consultation**

- a) Ongoing preparation of the Section 106 documents (Finding of Effect [FOE], Memorandum of Agreement [MOA], and Treatment Plan) through the Record of Decision with focus on Historic Architectural Properties.
- b) Coordinated with the Authority and FRA to develop outreach activity with Native American communities to culminate in email, phone conference, or face-to-face meetings in October.

8.4.4.2 CDFG Take Authorization

- a) Continued coordination with the CDFG, Authority, Merced to Fresno team, and PMT for preparation of the 2081 Incidental Take Permit application.

8.4.4.3 Central Valley Flood Protection Board Section 208 Application

- a) Reviewed permit status, design needs, and budget/scheduling impacts.
- b) Worked with integration manager to coordinate 408 and CVFPB encroachment permitting with Merced to Fresno team and the Fresno to Bakersfield engineering team.

8.4.4.4 U.S. Fish and Wildlife Service Section 7 Consultation

- a) Continued coordination on the Biological Opinion. This coordination is expected to continue through the end of November 2012.
- b) Continued to coordinate with the CDFG and U.S. Fish and Wildlife Service regarding potential mitigation sites.

8.4.4.5 Williamson Act

- a) Submitted revised Notice of Acquisition for Williamson Act to PMT/Authority to be sent to Kings, Kern, Tulare, and Fresno counties.

8.4.4.6 Compensatory Mitigation Plan

- a) Completed draft Compensatory Mitigation Plan, and submitted it to ITR.
- b) Continued to coordinate with Kern River Corridor Endowment River Partners, and the Authority to identify wetland mitigation opportunities.
- c) Submitted memo to Authority regarding USACE recommendations regarding the status of vernal pools in mitigation properties.

- d) Status for Biological Mitigation Plan Tech memos: Completed draft for Peck Island property, submitted to ITR; submitted draft memos for Fagundes and Panorama properties to Authority and USACE for review and comment.
- e) Continued to prepare technical memorandum documenting presence of blunt-nosed leopard lizard (Yang property) as well as other special-status species on these and other mitigation properties.

Task 9 Right-of-Way Preservation

9.1 Right-of-Way Preservation and Acquisition

- a) No activity this month.

Task 10 Right-of-Way Mapping and Survey

10.1 Advanced Acquisitions Recommendations

- a) Reviewed information for solar site near Alpaugh.

10.2 Early Environmental Review

- a) No activity this month.

10.3 Right-of-Way Negotiations

- a) No activity this month.

10.4 Right-of-Way Mapping and Survey

- a) Held meetings with the Authority, PMT, Paragon Partners, and Merced to Fresno team on September 12 and 25, 2012, to discuss right-of-way activities.
- b) Continued planning process for potential CP 1 advance acquisitions.
- c) Completed an additional appraisal report and posted it to ProjectSolve, bringing the total to 34 through September 2012.
- d) Continued preparing site civil engineering plans on partial acquisitions to assist the appraiser in determining the cost to cure.
- e) Continued property boundary calculations and determinations of existing recorded easements for CP 1C and the M alignment.
- f) Continued to discuss with the Authority outstanding issues about how to address areas where the design changes are not reflected in the Final Merced to Fresno EIR/EIS, and how to address appraisals for public and Union Pacific Railroad rights-of-way.
- g) Received direction that Package 1C appraisals will start after selection of the preferred alternative in December.

10.5 Phase I and Phase II Environmental Site Assessments

- a) Mailed 12 permission-to-enter letters to conduct Phase II environmental site assessments (ESAs). Five owners have agreed to date.

10.6 Draft/Final Relocation Planning Services

- a) Continued meeting with the property owners and property assessors to determine the needed relocation efforts for Package 1.

10.7 Utility Relocation Assistance

- a) Continued to provide assistance as requested by the PMT and Authority.

10.8 Task Management

- a) Continued holding internal team meetings between the surveyors and right-of-way appraisers.
- b) Continued review of budget, schedule, and technical controls for internal staff and subconsultants.
- c) Continued outreach efforts associated with right-of-way appraisals.
- d) Prepared invoice, monthly progress report, and travel requests.

5) **Planned Activities for Next Period (FY12/13)**

The activities reported in this section as “planned” were based on the scope of work established in FY12/13 AWP-Version 3. Additional work identified that was not included in AWP-Version 3 is documented in Section 6 of this progress report.

Task 1 Management

1.1 PM/PM Plan/Meetings/Coordination

- a) Continue monitoring and direction of technical work, public outreach, and consultant team operations.
- b) Continue ongoing coordination with Acting PMT Regional Manager Peter Valentine, and Authority Central Valley Regional Director Diana Gomez (Jeff Abercrombie’s replacement).
- c) Respond to requests for information and other support.
- d) Continue weekly status meetings with PMT Regional Manager.

1.2 QA/QC/Safety/Risk

- a) Support follow-up to PMT surveillance audit conducted on September 25, 2012.
- b) Review QA/QC documentation for each deliverable to verify compliance with the QA/QC Plan.
- c) Conduct additional make-up QA/QC training sessions for the JV team.

1.3 Document Control

- a) Continue to manage posting and internal review of draft documents and work products as specified in the JV’s Document Control Plan.
- b) Continue administering the sub-JV website for collaborating with the PMT before a document becomes a deliverable.
- c) Continue to post documents for PMT and Authority review on ProjectSolve.

1.4 Schedule, Budget, Progress Reports

- a) Prepare Invoice 6.13 for trailing FY11/12 expenditures.
- b) Prepare the next submittal of PRFs, BRRFs, and TRFs, as needed, to address evolving project needs and JV staff additions.
- c) Continue management and reporting of work progress, schedule, cost/budget, and deliverables tracking.
- d) Provide weekly schedule updates.

1.5 Risk Management

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

1.6 Special Projects/Bid Services

- a) Assist the Authority, as needed.

Task 2 Public Outreach

2.1 Participation Plan

- a) Refine, as needed.

2.2 California HST Project Agency Coordination Plan

- a) Update the California HST Project Agency Coordination Plan, as needed.

2.3 Maintain Stakeholder Database

- a) Continue to maintain database of stakeholder comments and inquiries.

2.4 Memoranda of Understanding

Not applicable.

2.5 Stakeholder Meetings and Briefings

- a) Based on findings from Title VI surveys, conduct additional Environmental Justice outreach throughout the public comment period ending October 19, 2012.
- b) Coordinate briefings with grassroots groups to correct misinformation.
- c) Continue to meet with local landowners, the agricultural community, and interested stakeholders to provide general project information and address alignment issues.
- d) Continue coordination of meetings as directed by the PMT.

2.6 Other Outreach

- a) Develop materials and messages to inform the public on job opportunities with the HST project.
- b) Continue individual outreach to businesses in Fresno.
- c) Continue to receive, review, and process public comments on the RDEIR/SDEIS, and distribute them to the environmental task team.
- d) Continue working with the Authority Outreach Management Team to develop information on key issues being asked by the public.
- e) Continue assisting the Authority Outreach Management Team to implement the Central Valley Outreach Strategy.
- f) Coordinate with the PMT to provide updates on the public comments received and responses to public comments on the RDEIR/SDEIS.

2.7 Create/Distribute Media/Newsletters

- a) Prepare and distribute media announcements and newsletters, as required.
- b) Refine strategy and materials for the extension of the public comment period for the RDEIR/SDEIS, as needed.

Task 3 Project Definition

Task is complete.

Task 4 Engineering**4.1 Infrastructure 15%****4.1.2 Alignment (Plan and Profile)**

- a) Update 15% alignment drawings for Final EIR/EIS as necessary.
- b) Issue updated storage tracks memo.
- c) Develop change request for 15% of a Hanford West avoidance alternative.

4.1.13 Right of Way

- a) Review of right of way changes in design.

4.1.15 Roadway Plans and Structures

- a) Update 15% roadway drawings for Final EIR/EIS as necessary.

Caltrans Project Report

- a) Review PMT comments on the revised draft Project Report for CP 1C and alternatives south to Bakersfield, and initiate comment responses and revision of the document.
- b) Prepare draft Project Report for CP 1A and 1B.

4.7 Capital Cost Estimates 15%**4.7.1 Infrastructure**

- a) Work on finalizing the 15% Record Set Basis of Quantities Estimate and supporting backup concurrent with supporting final EIR/EIS submission.

4.11 Infrastructure PEP**4.11.1 Survey and Mapping**

- a) Coordinate with the engineering design team regarding potential field survey to supplement the aerial topographic mapping.

4.11.2 Alignment (Plan and Profile)

- a) Continue development of Packages 2, 3, and 4; finalize draft Package 2 for QC.
- b) Incorporate updated Kings River crossing and KTR storage tracks into Package 2 draft documents and baseline report.
- c) Review 15% alignment at Cross Creek and adjacent to State Route 43 north of Corcoran.

4.11.3 Temporary Construction Facilities

- a) Confirm scope of constructability report and prepare draft document.

4.11.4 Stations

- a) Continued to coordinate with alignment and structures on changes to platform or storage tracks at Fresno, KTR, and Bakersfield stations.

4.11.5 Bridges and Elevated Structures

- a) Complete analysis and design checks of Group 1 Structures.
- b) Prepare amended drawings for inclusion as exhibits in the baseline report
- c) Complete structures section of baseline report.
- d) Commence structures report.
- e) Assess changes required as a consequence of expected direction regarding Kings River floodplain crossing.
- f) Continue documenting the design calculations for the Group 1 structures.
- g) Restart analysis work on Hanford Viaduct (Alignment H), assuming resolution of platform track storage track question.

4.11.8 Grading/Earthwork and Borrow Sites

- a) Begin preparing rough grading DTM of the rail alignment and compile roadway rough grading DTMs for PEP CP 2.

4.11.9 Hydrology/Hydraulics/Drainage

- a) Continue developing support data for draft permit applications for USACE and CVFPB permit applications for Kings River, Cross Creek, and Kern River.
- b) Prepare input to draft Baseline Report for Package 2.
- c) Continue to study proposed alignment impacts on floodplains.
- d) Review and progress the longitudinal alignment drainage and cross drainage facilities design.
- e) Meet with local water agencies to review design and obtain feedback for possible inclusion in FEIR/FEIS and/or Packages 2, 3, and 4.

4.11.10 Utilities

- a) Continue collection of data for Packages 2, 3, and 4.

4.11.11 Geotechnical

- a) Await NTP for geotechnical investigation on change request.
- b) Continue support for structural engineering efforts for PEP/30% design with assumed parameters.

4.11.12 Seismic

- a) No activity planned this period.

4.11.13 Right-of-Way

- a) Update files as information is obtained from engineering changes and as better property boundary information is obtained from the surveyors under Task 10.

4.11.14 Construction Cost Estimate

- a) Not used. Refer to Task 4.17.

4.11.15 Roadway Plans and Structures

- a) Continue PEP design of Packages 2, 3, and 4.
- b) Meet with other roadway agencies having jurisdiction to discuss roadway design.

Caltrans Project Report/ED

- a) Revise draft PR/ED, as necessary, per PMT review comments.

4.12 Systems PEP

4.12.1 Traction Power

- a) Finalize any changes as directed by the PMT from site visit of systems facility sites from July 9 through July 13, 2012.
- b) Prepare input to draft Baseline Report for Package 2.

4.13 Rolling Stock PEP

Not in RC scope.

4.14 Not Used

4.15 Operations PEP

Not in RC scope.

4.16 Maintenance PEP

Not used.

4.17 Capital Cost Estimates PEP

4.17.1 Infrastructure

- a) Commence working on the quantities for CPs 2, 3, and 4 in conjunction with development of draft baseline reports and alignment design updates.

4.17.2 Systems

Not in RC scope.

4.17.3 Rolling Stock

Not in RC scope.

4.17.4 Facilities

Not in RC scope.

4.18 Operating Costs PEP

Not in RC scope.

4.19 Design Submittals PEP

- a) Conduct QA/QC of planned submittals and submit to document control.

4.99 Engineering Task Management

- a) Manage work required for completion of Design Packages 1, 2, 3, and 4.
- b) Lead weekly engineering team coordination meetings.

Integration Management

- a) Attend weekly engineering team meetings, environmental meetings, and the PMT meeting.
- b) Facilitate integration meetings and teleconferences among the engineering, environmental, rights-of-way, stations, utilities, and public outreach teams, as needed.
- c) Coordinate revision of updated Caltrans PR/ED per PMT comments.
- d) Monitor data requests and information exchange.
- e) Continue to monitor supplemental roadway design revisions for CP 1, and maintain communication with Merced to Fresno team on data needs and consistency.

- f) Continue to support and facilitate Section 408/CVFPB encroachment permitting and Checkpoint C efforts with the Fresno to Bakersfield teams.
- g) Cross-train new project staff.
- h) Monitor comment response preparation for the DEIR/DEIS.

Task 5 Environmental Analysis

- a) Task is complete.

Task 6 Station Planning

6.1 Station Program

Task is complete.

6.2 Station Development Plans

- a) Continue to coordinate with the PMT/EMT and engineering team to resolve outstanding issues related to safety and security at the Fresno Station (e.g., intrusion barrier, emergency access).
- b) Continue to confer with the Authority and PMT and/or EMT, as needed, to ensure proper coordination with other ongoing project initiatives, particularly the Authority's Station Area Planning Program.
- c) Support JV public outreach and environmental teams in public and stakeholder meetings associated with the RDEIR/SDEIS.
- d) Continue to facilitate EIR/EIS comment response process.

Task 7 Draft/Final EIR/EIS

7.1 Administrative Draft

Task is complete.

7.2 Prepare Draft Version of Revised Draft EIR/Supplemental Draft EIS Caltrans Environmental Document (ED)

- a) Incorporate PMT comments into the revised draft PR Attachment 11 (ED) and submit to Caltrans for review.

7.3 Draft Final EIR/EIS/Respond to Comments

- a) Continue to coordinate with the PMT and engineering team to define and determine preferred alternative.
- b) Begin development of the preferred alternative and have discussions with the Authority, PMT, Attorney General's office, and FRA about the preferred alternative.
- c) Provide oversight for the response to public comments, and development of the Administrative Record.
- d) Continue integration management and coordination to ensure consistency between the draft Fresno to Bakersfield environmental document chapters and the 15% design, between Merced to Fresno and Fresno to Bakersfield environmental documents, and Caltrans ED, Clean Water Act and CVFPB permitting.

- e) Complete response to public comments on August 2011 version of DEIR/EIS.

Public Review Revised DEIR/Supplemental DEIS

- a) Task is complete.

Administrative Record

- a) Continue, as needed, to compile documents for the Administrative Record.
- b) Attend weekly coordination meetings with the PMT and Attorney General's Office.

7.4 Identify Least Environmentally Damaging Practicable Alternative (LEDPA)/Checkpoint C

- a) Respond to comments as needed.
- b) Continue preparation of LEDPA Summary Report.

7.5 CDFG Consistency Determination

Refer to Task 8.4.4.4.

7.6 Final EIR/EIS

- a) No activity this period.

Task 8 Certification/ROD/Permits

8.1 Findings and Statement of Overriding Consideration

No activity this period.

8.2 Notice of Determination/Record of Decision

No activity this period.

8.3 Mitigation Monitoring and Reporting Plan

No activity this period.

8.4 Permitting

8.4.1 USACE 404 Permit

- a) Continue coordination with PMT environmental staff and USACE regarding submitted 404 permit application.
- b) Continue revisions to the Individual 404 permit application.

8.4.2 Regional Water Quality Control Board 401 Water Certification

- a) Continue development of 401 certification.
- b) Continue coordination with SWQCB on preparation of the 401 permit.
- c) Continue working with Authority and Merced to Fresno team to develop a program-wide strategy for 401 certification.

8.4.3 CDFG 1602 Agreements

- a) Continue coordination with CDFG and SWQCB for preparation of the 1602 permit application.
- b) Continued development of the CDFG 1602 Streambed Alternation permit application.

8.4.4 Other Permits

8.4.4.1 Section 106 Consultation

- a) Upload final addendum for the Archaeological Survey Report (ASR), Historic Architecture Survey Report (HASR), and the Geoarchaeological Testing Report to the Authority website.
- b) Ongoing preparation of the Section 106 documents (FOE, MOA, and Treatment Plan) through the ROD (Record of Decision).
- c) Revise FOE based on comments received and submit to State Historic Preservation Office.
- d) Continue coordination with the Authority and FRA to develop outreach activity with Native American communities to culminate in either email, teleconference, or face-to-face meetings in September.

8.4.4.2 CDFG Take Authorization

- a) Continue coordination with the CDFG for finalization of the 2081 Incidental Take Permit application.

8.4.4.3 CVFPB Section 208 Application

- a) No work planned for this task, which is being handled under Task 4.

8.4.4.4 USFWS Section 7 Consultation under Endangered Species Act

- a) Continue coordination on Biological Opinion. This coordination is expected to continue through the end of November 2012.
- b) Continue coordination with Merced to Fresno team for consistency of language and treatment of resources.
- c) Revise Compensatory Mitigation Plan based on PMT comments and resubmit.
- d) Propose additional Compensatory Mitigation site(s) for acquisition.

8.4.4.5 Williamson Act

- a) Task is complete.

8.4.4.6 Compensatory Mitigation Plan

- a) Continue coordination with Merced to Fresno team for consistency of language and treatment of resources.
- b) Continued to coordinate with Kern River Corridor Endowment, River Partners, and the Authority to identify wetland mitigation opportunities.
- c) Continue investigation of alternative mitigation sites.
- d) Submit Biological Technical memo for the Peck Island property to Authority and USACE.
- e) Receive comments from USACE on the draft Biological Technical memos for the Fagundes and Panorama properties, and revise as necessary.
- f) Respond to PMT comments on the draft plan for wetland creation, enhancement, and restoration on the Kern River Preserve property.

Task 9 Right-of-Way Preservation**9.1 Right-of-Way Preservation and Acquisition**

- a) No activity planned at this time.

Task 10 Right-of-Way Mapping and Survey**10.1 Advanced Acquisitions Recommendations**

- a) Continue to monitor potential acquisitions.

10.2 Early Environmental Review

- a) No activity is planned for this month.

10.3 Right-of-Way Negotiations

- a) No activity is planned for this month.

10.4 Right-of-Way Mapping and Survey

- a) Hold biweekly right-of-way team meetings with the Authority.
- b) Revise draft appraisal maps for CPs 1A and 1B in response to comments and design changes.
- c) Submit draft appraisal maps for CP 1C.
- d) Continue to work with Paragon Partners to modify the list of critical parcels.
- e) Mail remaining NODA letters as approved by the Authority.
- f) Contact local public officials before mailing NODA letters.
- g) Continue to prepare site civil plans for partial takes, and work with the appraisers to determine cost to cure estimates.
- h) Continue appraisals as information is finalized on site civil improvements and ESAs.
- i) Submit draft Record of Survey for CP 1A and 1B.

10.5 Phase I and Phase II ESAs

- a) Continue site investigations for Phase I ESAs.
- b) Complete Phase I ESAs for CPs 1A and 1B except for parcels associated with the McKinley roundabout and railroad parcels.
- c) Begin Phase II ESAs on parcels that have granted access.

10.6 Draft/Final Relocation Planning Services

- a) Continue meeting with the property owners and property assessors to determine the needed relocation efforts for CP 1.

10.7 Utility Relocation Assistance

- a) Continue to provide assistance as requested by the PMT and Authority.

10.8 Task Management

- a) Hold biweekly team meetings and address any new schedule or scope issues associated with the authorized budget.
- b) Monitor subconsultant performance.
- c) Monitor budget, schedule and technical controls for internal staff and subconsultants.

- d) Continue outreach efforts associated with right-of-way appraisals.
- e) Prepare invoice, monthly progress report, and travel requests.

6) Change Request Tracking to AWP FY12/13-Version 3

Following the submittal of AWP-Version 3, the JV has tracked additional work scope that was submitted or will be submitted via change request forms to adjust the FY12/13 budget to fund the work. Below is the summary of the work items identified for a change request.

Authority #	Title of Change Request	Total Change	Submitted Date	PMT Approval (Sent to CCB)	Final CCB Approval
135	Geotechnical Work for Pk 2-4	\$ 6,000,000	7/11/2012	8/8/2012	
141	BRRF for MFA	\$ -	8/3/2012	8/16/2012	
150	RDEIR/SEIS Copy Costs (BRRF)	\$ 160,000	9/5/2012		
	HMF Site Study	\$ 11,705		HOLD	
	Public Review Schedule Extension	\$ 90,451	9/13/2012		
154	System Sites Tour	\$ 65,000	9/27/2012		
155	GI Storage Costs	\$ 12,000	9/27/2012		
153	Fire-Life Safety	\$ 41,000	10/3/2012		
pending	Design Packages	\$ 339,815			
pending	Pkg 1 GBR for Bid, MF review	\$ 9,000			
pending	B5 Avoidance Alt				
pending	Hanford West Avoidance				
pending	Constructability Reports				
pending	Enhance Admin Record for Website				