



SIXTH STREET VIADUCT REPLACEMENT PROJECT

MONTHLY EXECUTIVE MEETING REPORT

OCTOBER 2014

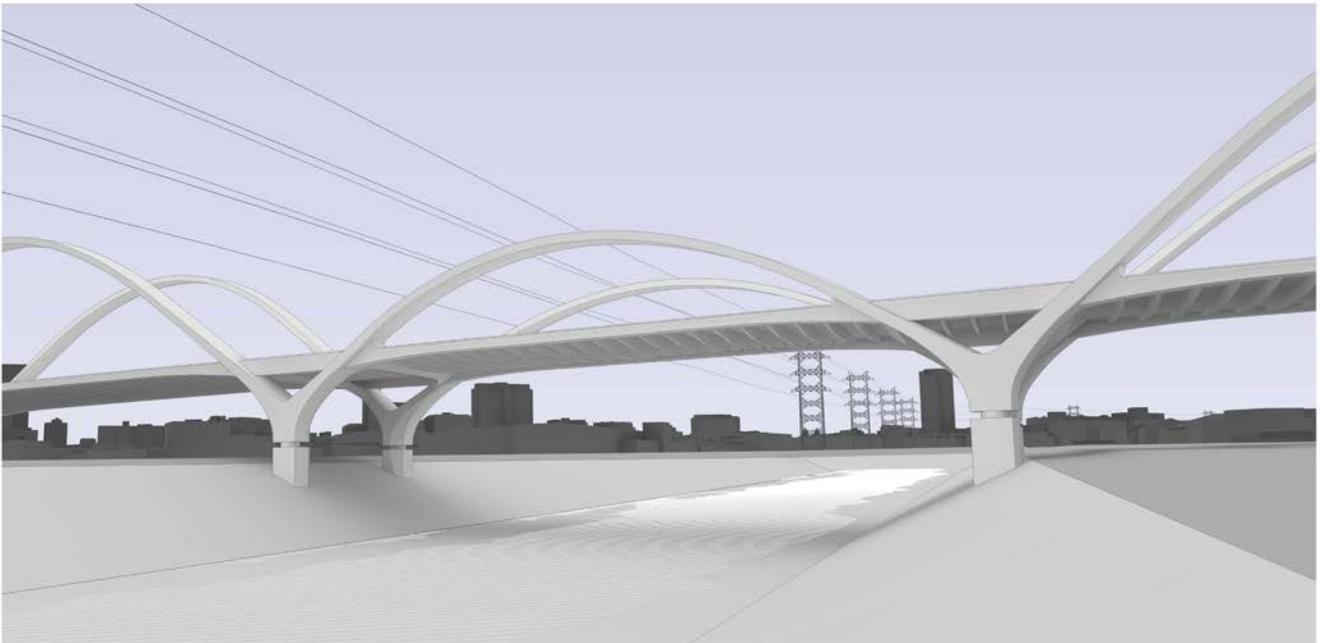


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SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROJECT MANAGER'S REPORT

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: October 21, 2014

To: Sixth St Viaduct Replacement Project Executive Committee

From: Alfred L. Mata, P.E.
Program Manager

Subject: Sixth Street Viaduct Replacement Project – Monthly Report

1. Program Management

- a. On 10/15, we met with CD14, Cultural Affairs and David Wang of Caltrans to discuss funding eligibility of public art. Linda Newton of the Bridge Advisory Committee had commented in an email that public art was not eligible because the aesthetics of the bridge design already exceeds the HBP Guidelines 5% limit. It was concluded that we first need to know what exactly is being proposed by the artist Glenn Kaino, so we first need him to develop a concept.
- b. On 10/15, at the monthly Project Development Team meeting with Caltrans focused mainly on follow-up on our 9/24 workshop action items. Because FHWA will review the “final” PS&E before Caltrans will issue the E76 for the Intersections Package, it appears we will not be able to meet the intended goal of obtaining E76 by October 31. However, Caltrans and FHWA did express their commitment to issue the E76 as soon as possible.
- c. We continue to work closely with Metro and CD14 to finalize programming documents for the ATP grant. We are also working to prepare an application for the 2015 Metro Call-for-Projects to seek additional funds in the RSTI and Ped/Bike categories.

2. Design Consultant Activities:

- a. HNTB substantially completed the final Intersection Package drawings. A few comments from LADOT remain to be incorporated. This unsigned set of drawings was sent to FHWA to review to expedite the funding authorization.
- b. On 10/14, MMA, HNTB and a Phillips representative met to explore the feasibility of using the Caltrans Type 90 barrier to mount the roadway and pedestrian lighting. SIX staff did not attend due to schedule conflicts. HNTB reported they did not reach a resolution to use the Type 90 barrier due to 2 primary issues; 1) glare that would be experienced by drivers due to the higher position of the light fixture, and 2) the significant difference in lighting levels across the roadway (to meet required light level in middle of roadway, the light level nearest the fixture is very bright). HNTB will schedule a follow up meeting the week of 10/20 to engage Phillips engineering staff to further investigate if changes to the light fixtures can be made to resolve HNTB’s concerns and meet the lighting requirements. If these issues can’t be resolved for the Type 90 barrier, the design effort will shift to a Type 80 barrier.
- c. The 90% viaduct demolition design reviews and cost estimating are in progress.
- d. The 65% viaduct design completion major milestone is set for 11/28 while the 90% design is targeted for May 2015. Some of the features yet to be fully resolved through the eligibility discussion such as bike ramps, barrier mounted lighting, and landscaping will only be at the 35% complete level.

3. Construction Manager General Contractor (CMGC) RFP:
 - a. The board report for the first Construction Task Order Package A to demolish 2 buildings and relocate 1 DWP utility is being finalized, which we expect will be scheduled for a Board of Public Works meeting the week of 10/27.
 - b. On 10/13, SSW submitted a final estimate for the Intersections which is higher than discussed previously at the SGC meetings. The City funded portion is below the budget so the request to Caltrans will be higher than noted previously. CH2M is finalizing the independent cost estimate, which must be within 10% of the SSW estimate per contract. It should be noted that the designer's (HNTB) estimate is substantially lower than the SSW estimate, largely due to indirect costs that HNTB did not include.
 - c. SSW NTP 4 field work is in progress for building hazardous material surveys for 3 properties (two parcels and BSS Service Yard facility) and potholing at 101 Freeway storm drain locations. ASR testing work has been completed.
 - d. SSW is in the process of compiling the scope of work for Package B on building demolition and utility relocation which will include the BSS Yard relocation site work.
4. Construction Management (CM):
 - a. The TOS for CM has been finalized and we are ready to issue to the 10 new Federal List of firms pending approval of the TOS Approval Form.
 - b. Caltrans input to the TOS has been incorporated. It was noted that the current design and program management firms are not to participate in the CM TOS due to organizational conflict.
5. Department of Cultural Affairs Coordination (DCA)
 - a. The City Attorney's Office, the BOE, and the Department of Cultural Affairs (DCA) have agreed to the artist's contract with HNTB regarding intellectual properties (IP) rights and two minor deviations from standard BOE contract language. The revised contract language is being approved by issuance of a letter to HNTB.
6. Right-of-Way: Real Estate – BOE-Real Estate Division to provide report.
7. Right-of-Way: Bureau of Street Services Relocation (BSS)
 - a. On BSS Service Yard Relocation, in light of SSW's input that block wall construction would be within the building budget, we directed the design team to proceed with 100% PS&E based on block wall non-combustible construction. We also met with Cultural Affairs staff on 10/16 to initiate building design approval process through the Cultural Affairs Commission.
 - b. SSW has been requested to provide written confirmation of their estimate.
8. Right-of-Way: Utility Coordination
 - a. The plans for DWP Relocation on Mission Road (Line 70) and Cold Storage (Line79) are being finalized. The addition of services laterals for future connections are being discussed.
 - b. DWP permanent Line 3 relocation requires in-depth discussion with Caltrans.
 - c. SSW continue to coordinate with AT&T, LADOT, DWP-fiber, XO and other communication lines on their relocation in conjunction with DWP.
 - d. The process of shutting off utilities for acquired properties is in progress. Currently, two parcels are vacant with water, power, and gas utilities shut off. Also, coordination for the removal overhead power lines for another parcel is in process.
9. Right-of-Way: Railroad Coordination
 - a. A draft Board Report is in circulation to authorize executing design services agreements and Construction & Maintenance (C&M) Agreements with each of the 5 railroads.

10. Environmental Mitigation: Historic

- a. A scope of work on Environmental Revalidation is being prepared by CH2M Hill. A task order amendment proposal is needed before we can authorize that work.
- b. The historic book and film are in progress. We prepared a letter regarding potential salvaging of historic elements are being coordinated and memorialized for SHPO per the approved Memorandum of Agreement.

11. Budget

- a. See Program Manager Consultant Report for specific information about the project budget and changes, if any.

12. Schedule

- a. See Program Manager Consultant Report for specific information about the project status relative to the master schedule.

13. Outreach

- a. We held a community briefing on 10/6/14. Over 100 people were in attendance.
- b. Continuing to manage project website and social media accounts.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROGRAM MANAGEMENT CONSULTANT REPORT

**CITY OF LOS ANGELES
SIXTH STREET VIADUCT REPLACEMENT PROJECT**

Date October 21, 2014

To: Alfred L. Mata, P.E.
 SIX Division Manager

From: Dave Simmons, P.E.
 PMC Project Manager

Subject: PROGRAM MANAGEMENT CONSULTANT: MONTHLY PROGRESS REPORT

Program Management Activities:

1. Prepared for, attended and facilitated weekly coordination meetings.
2. Updating the overall program schedule with the Design Consultant and Contractor providing input for their respective components.

Schedule and Budget:

1. A Project Master Schedule was adopted at the Executive Team Meeting on June 17, 2104. This schedule serves as the baseline for assessing progress. Funding eligibility discussions with Caltrans and FHWA are having schedule impacts and will lead to an estimated 3 month delay in construction NTP for the offsite intersections. The closure and demolition of the existing viaduct will be delayed until the intersections work is substantially complete.
2. The Baseline Budget, adopted at the Executive Team meeting on May 21, 2013 has not changed. Caltrans has approved the additional Right-of-Way funding and the City is awaiting formal authorization. A Request for Authorization was submitted to Caltrans for this funding on May 15. Adoption of a new Baseline Budget has been delayed, pending resolution of funding eligibility discussions with Caltrans.
3. General schedule observations:
 - a. The critical path continues to be through the design and construction process for the new viaduct. Secondary critical paths include obtaining Caltrans authorization for the intersections construction package, right-of-way acquisition, railroad construction and maintenance agreements and utility relocations.
 - b. Ten property acquisitions have been completed and an agreement has been reached with three additional properties. However, negotiations on 8 properties have reached an impasse, and the City has initiated the condemnation process. This will extend the acquisition process by about 8-10 months. This could affect the critical path for the Project.
 - c. Right-of-entry permits for access to railroad properties have been submitted to all five railroad agencies and four have been approved. This allows access to railroad properties for surveys, utility investigations, hazardous material site assessment and geotechnical investigations. Access was authorized and all survey work was completed on UPRR, BNSF and Metrolink property. Approval by Amtrak continues to be delayed, but a change in direction by the City on the access needs should allow the site access agreement and right-of-entry to be authorized within the next month.

Right-of-Way: Acquisition Support

1. Continued negotiations with several property owners for full and/or partial acquisitions and temporary construction easements (TCEs).
2. A parcel closed escrow during this reporting period. A total of seven full acquisition properties closed to date. An agreement has been reached with two parcels. Agreements have been reached with property owners for four TCEs.

Right-of-Way: Utility Coordination

1. Continued coordination with LADWP on relocation design efforts.
2. Weekly coordination efforts continue with the CMGC Utility Coordinator. Several Specific Authorizations, requesting approval from Caltrans to begin design on reimbursable utility relocations, have been drafted and are in various stages of review with Caltrans, the City and the utility.

Railroads

1. Draft C&M agreements have been submitted to four railroad owners for review.
2. Preliminary engineering agreements have been established with UPRR and Amtrak. Revisions to the engineering agreement with BNSF have been made. A Board report requesting authorization to sign the agreement is being processed.
3. Working with Metro to develop draft Design Service Agreement language.
4. Received right-of-entry approvals for utility investigations, topographic survey, and geotechnical borings from BNSF, Metro, Metrolink and UPRR. Survey work has been performed on UPRR, BNSF and Metrolink. The application for right-of-entry with Amtrak has been delayed, but is now moving forward with City direction to modify the request. Approval of the right-of-entry for Amtrak is anticipated within the next month.

Technical Advisory Committee

1. The committee reviewed design criteria "Rev 3", regarding the use of Grade 80 reinforcing, and updated Caltrans isolation bearing design information and provided comments to the Design Consultant. The committee will issue a letter to the City and Caltrans noting their concurrence once the Design Consultant responds to the comments.

Risk Management

1. No activity during this period.

Design Reviews

1. No activity during this period.

Independent Cost Estimates

1. Prepared cost estimate for the 100% Intersections Package and reviewed with Contractor, Design Consultant and City on 10/7 to review.

Caltrans/FHWA Coordination

1. Conducted workshop with Caltrans Headquarters and District 07 staff on 9/24 to review construction RFA materials and identify ways to streamline Caltrans processes for CMGC delivery.

2. Met with City, FHWA, and Caltrans to review comments on the financial plan on 10/1. Participated in conference call with same parties on 10/6. Received clarification on how to proceed with the plan for the intersections package.
3. Prepared for and facilitated PDT meetings with Caltrans and FHWA on September 17 and October 15.

Financial Plan Update

1. Revising financial plan to incorporate comments received on format and content. The City anticipates the plan will be finalized in early 2015 following the completion of the 65% construction estimate for the new viaduct.

Bid Support for the Construction Phase

1. No activity during this period.

Environmental Mitigation: Historic

1. Copy editing and continuing development of book, which is 90% complete.
2. Act III of video is underway, undergoing internal review.
3. Awaiting response from National Park Service regarding HABS recordation of Project.

Outreach

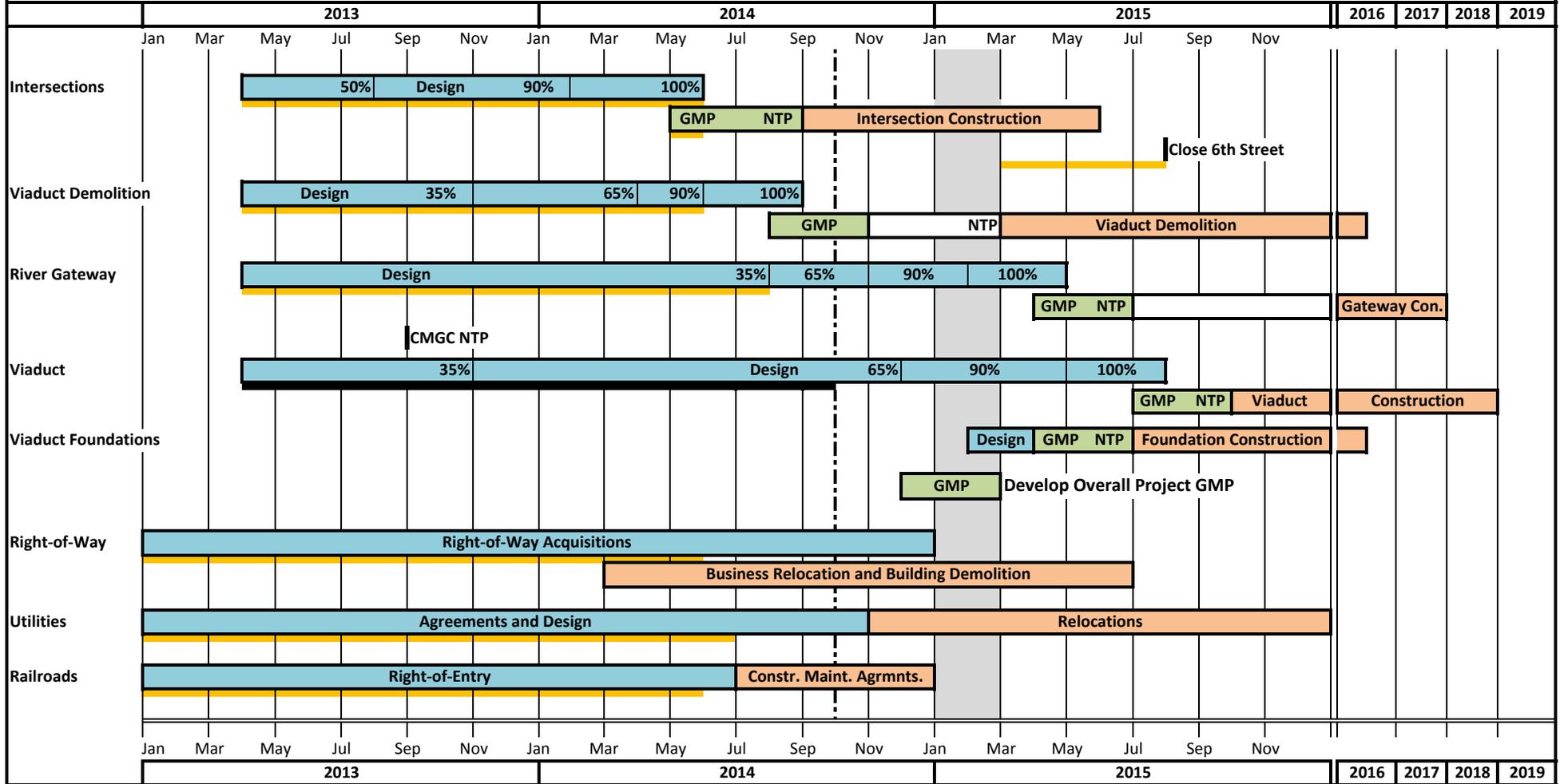
1. Coordinated and conducted the 10/6 Public Outreach event.
2. Developing website portal that will provide job information and connect interested construction workers and bidders to the Contractor for construction related jobs and contracts.
3. Conducted monthly update meeting with CD-14 staff and Design Consultant.

ATTACHMENT

- **MASTER SCHEDULE SUMMARY**

Sixth Street Viaduct Replacement Project Master Schedule

Adopted June 17, 2014 Updated
October 17, 2014



Legend: Key Decision Period

Status Bar Legend Color Code

- On Schedule
- Behind Schedule
- Ahead of Schedule

SIXTH STREET VIADUCT REPLACEMENT PROJECT

DESIGN CONSULTANT REPORT

**CITY OF LOS ANGELES
SIXTH STREET VIADUCT REPLACEMENT PROJECT**

Date: October 21, 2014

To: Alfred Mata, P.E.
SIX Division Manager

From: Victor Martinez, P.E.
Design Consultant Manager

Subject: Design Consultant: Monthly Management Report – September 11, 2014 to October 15, 2014

Task 1 – Design Project Management

1. Attended Monthly Executive Meeting on September 16
2. Attended Monthly Program Management Meeting on October 7
3. Attended Monthly Caltrans PDT meetings on September 17 and October 15
4. Attended coordination meeting at DWP on September 24
5. Attended Public Briefing meeting on October 6
6. Attended coordination meeting with Metro on September 15 and October 6

Task 2 – Preliminary Engineering (35% PS&E Milestone)

2.2 Conceptual Architectural Features

Revised stair concept in response to DAAC feedback. Working on implementing structural parameters for stair and railing design. Considering helical design for east bike ramp. Considering stair and ramp lighting options. Provided revised landscape base concept plan.

2.3 Type Selection Report and Update Caltrans Project Report

2.3.1 Continued coordination with Caltrans and the TAC/SSR on the design criteria update incorporating the use of Grade 80 reinforcement where needed.

2.3.3 & 2.3.4 Continued coordination with Caltrans to finalize the Storm Water Data Report for the Supplemental Project Report. Supplemental Project Report approval requires Environmental Revalidation to be completed.

2.4 Geotechnical

Field work for other Phase II ESA's is pending appointments to enter the private properties which the reports are to be prepared for. Continued work on the viaduct foundation design report.

Task 3 – Draft PS&E (65% PS&E Milestone)

3.1.1 65% Civil PS&E

Continued with 65% civil design in the viaduct package. Drainage and BMP design pending decision on the design requirements to be followed.

3.1.2 65% Traffic/TMP PS&E

No new activity.

3.2.1 65% Structural PS&E

Continued with 65% viaduct design. Coordinating closely with Architecture as HNTB structures works through the 65% design. 35% design was initiated on the bicycle and pedestrian ramps on the east side and west sides of the LA River, therefore only 35% level plans will be submitted on November 28th with the 65% Viaduct Plans. This is also true with the stairs and the barrier mounted lighting. The 35% plans should be of sufficient detail to allow SSW to prepare a solid estimate for these elements. Once these drawings have been submitted, work will continue towards 65% with the goal of submitting a complete 90% package in May 2015.

3.2.5 65% Roadway Lighting

Based on Caltrans' comments on crash safety, investigated alternative mounting positions for the lighting fixtures in the Type 90 barrier. Changing the mounting position significantly degrades the lighting performance. The team is investigating lighting application on the Type 80 barrier and will report on the lighting performance. The team is also working closely with the Bureau of Street Lighting with respect to the barrier mounted lighting.

3.3.1 65% Hydraulics Report

Preparing hydraulic models. Coordinating with SSW on the temporary channel access ramps for the hydraulic modeling of the falsework condition.

Task 4 – Draft PS&E (90% PS&E Milestone)

4.5 90% Structural PS&E

Submitted 90% viaduct demolition design package on October 3.

Task 5 – Final PS&E (100% PS&E Milestone)

5.10 100% PS&E for Intersections

Submitted revised 100% plans on October 3. Continued coordinating with City departments and Caltrans for plans approval.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT

Date: October 21, 2014

To: Alfred Mata, P.E.
SIX Division Manager

From: Lawrence Damore, P.E.
Construction Manager

Subject: CMGC Report – September 13 through October 17, 2014

1. Estimates and GMP Development

- a. We completed the estimate for the revised Off-Site Intersections plan set. We met with CH2MHill, HNTB and John Koo to review the two estimates on 10/7. On 10/9 we forwarded to you our proposed price for the work. We are anxiously awaiting the bid documents so that a formal bid proposal can be submitted.
- b. We understand that Task Order A NTP should be issued by 10/29.
- c. We have received the 90% viaduct demolition plans and are currently developing a schedule for the estimate preparation.

2. Constructability

- a. We continued to provide input to both the structural and architectural design teams. We are a part of the important decisions being made regarding post tensioning, reinforcement and construction staging. A Y bent mockup will be used to check for rebar and post tensioning conflicts as well as assisting in planning for falsework and formwork design. We expect to begin this effort in November.
- b. Results of ASR testing of the concrete samples cored from the existing tunnel on 8/27 and 9/2 indicate no significant ASR issues.

3. Utility Relocation Coordination

- a. We continued to lead in DWP discussions to ensure that the power line relocation schedule is meeting the project requirements. Currently the most critical design issue is the relocation of conflict #3. We will be meeting soon with Caltrans to seek approval of relocating that line under the tracks and channel.
- b. The relocation work for the overhead lines at Clarence will begin in November.
- c. We also continued to lead in the coordination with the various communication companies in order to coordinate their relocation efforts with those of DWP.

4. Railroad Coordination

- a. Nothing to report.

5. Right of Way

- a. We are standing by to demolish the buildings on two parcels as soon as we receive an NTP for Task Order A. We currently plan to begin abatement work on 10/30.

- b. The acquisition of five parcels are our most significant concerns at this time. We are now meeting weekly with RED to help keep this process moving.

6. Quality and Safety

- a. Nothing to report.

7. Outreach

- a. We participated in the October 6 public event meeting. We committed to keeping the community informed of our work and its potential impacts as well as a commitment to small/disadvantaged businesses and individual work opportunities.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

RIGHT-OF-WAY REPORT

(Not available at time of report)



Prepared by the
Project Management Team