



SIXTH STREET VIADUCT REPLACEMENT PROJECT

MONTHLY EXECUTIVE MEETING REPORT

MAY 2014



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SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROJECT MANAGER'S REPORT

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: May 20, 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. After a series of design workshops and meetings over the past two months, HNTB has clear direction to proceed with Option 2 Modified with 10-ft wide arches (a portion hollow and “non-structural”) and incorporating large tapers/flares towards the Y-bents below the deck to achieve aesthetic intent of the original competition. HNTB team is moving forward with 65% design with a tentative milestone completion target of this mid-November which reflects the 2 months delay. HNTB has been asked to report on accelerating to mitigate the 2 month delay. SSW will produce revised bottoms-up construction estimates looking at not just the delta.
- b. At the April 24, Highway Bridge Advisory Committee Meeting, the committee agreed to recommend approval of the additional ROW phase funding. Caltrans subsequently informed us and we submitted the RFA (Request for Authorization) form for these additional funds. Once approved, an updated E76 will be issued by Caltrans.
- c. On 5/15, we received additional comments from Caltrans on the Financial Plan. CH2M Hill will proceed to finalize the Financial Plan and submit to Caltrans this week. FHWA approval of the Financial Plan is required before any construction funding will be authorized. Further, signed Utility Certification, PS&E Cert and ROW Cert are all required before we can submit our first Construction RFA. A draft of the Construction RFA for the first construction package is being prepared.
- d. Caltrans is currently reviewing our 35% design estimate on construction phase elements and has informed us of the potential that the tunnel may not be an eligible cost. We will continue to explore its eligibility under the ROW Phase funding as railroad ROW impact mitigation.
- e. The condemnation ordinance adopted by City Council on 3/19 was approved by the Mayor and became effective on 5/7. The City Attorney is preparing the documents needed to file with the court for the condemnation of these properties.

2. Design Consultant Activities:

- a. The Technical Advisory Committee/Seismic Safety Peer Review (TAC/SSR) has approved the revised design criteria with base isolation. We are reviewing the Independent Check proposal task for issuance. Caltrans has been requested to provide their concurrence with the submitted General Plan which is part of the Type Selection approval process.
- b. 100% Design for the Offsite Intersections package is scheduled for completion in the next two weeks. Both the 4th Street at 101 Freeway sidewalk/ADA ramp design and Jesse Street widening plans are being updated and incorporated in the final plan set.
- c. The 65% viaduct demolition design is currently going through the comment resolution process
- d. HNTB and SSW are working to provide USACE with concept level temporary

- falsework information in the river and a corresponding hydraulic study.
- e. HNTB has been authorized on the testing phase of the isolation bearings. However, FHWA approval on the Public Interest Finding to use the patented bearings is pending.
 - f. On 5/22, HNTB will meet BOE sewer design reviewers once again to go over their comments on the proposed sewer relocation design.
3. Construction Manager General Contractor (CMGC) RFP:
 - a. On 5/8, we met with OCC to further discuss the first Construction Task Order Proposal on Offsite Intersections and Test Shaft as it relates to 2nd tier DBE utilization and SSW's Subcontracting Plan approval. OCC offered several helpful inputs to help finalize the plan. However, we will still need to verify with Caltrans HQ on applicability of 2nd tier DBE utilization. This will have to be resolved before SSW can submit their cost proposal for the first construction package.
 - b. SSW and CH2M Hill are generating their final version (Read 3) of the 90% Offsite Intersection construction estimate for City's use in negotiating the first GMP with SSW.
 4. Construction Management (CM)
 - a. Regarding the CM services, we are preparing a schedule comparison between using the new BID On Call TOS versus a standalone RFP format. For the BID On Call option, we assume that the TOS can be released after Board approval of the new On Call contracts but prior to Council approval. Tentatively, there appears to be a 6 month schedule savings with TOS route.
 5. Department of Cultural Affairs Coordination (DCA)
 - a. The final Cultural Affairs Artist Selection Committee (ASC) meeting No. 3 which will select the winning artist is being scheduled for later this month. Meeting No. 2 to review the work of shortlisted artists was held on 4/14.
 - b. DCA provided budget breakdown for the design fee, administration cost, and cost to fabricate and install, as well as artist support during construction.
 - c. The selected artist will be added as a sub-consultant to the HNTB contract.
 6. Right-of-Way: Real Estate – BOE-Real Estate Division to provide report.
 7. Right-of-Way: Bureau of Street Services Relocation (BSS)
 - a. We incorporated comments from Executive Division review of the board report. It is being finalized for signature and will be scheduled for an upcoming board meeting.
 8. Right-of-Way: Utility Coordination
 - a. DWP Power utility relocation and potholing that are critical to the viaduct demolition are being included as Site Preparation work allowance items in the first Construction Task Order. Further, building demolition scopes are also being included as a Site Preparation work allowance item.
 - b. DWP Hydrant unit provided their cost estimate to relocate 12 fire hydrants. The Specific Authorization was submitted to DWP for approval, which includes the request for DWP to self-perform the relocation of fire hydrants.
 - c. HNTB, CH2M Hill, and SSW are working together to coordinate with AT&T, LADOT, DWP-fiber, and XO Communication on the relocation of these communication lines or provide new facilities in the new bridge.
 9. Right-of-Way: Railroad Coordination
 - a. Design services agreements and limited approvals for railroads to be design reviews are being processed.
 - b. We will schedule meetings with the railroads following completion of the 65%

Viaduct Demo plans and specs.

10. Environmental Mitigation: Historic

- a. A scope of work on Environmental Revalidation is being prepared by CH2M Hill.
- b. A draft of Act 2 of the documentary video is completed and will be reviewed by BOE on 5/16.

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. With the architectural features of the viaduct finalized by 5/19, the team will begin preparing renderings that can be used to brief the Design Aesthetic Advisory Committee, followed by a community briefing. We will work with the team to develop a schedule of these meetings.
- 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 May 15, 2014

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

From: Rick Luebbers, P.E.
PMC Project Manager

Subject: PROGRAM MANAGEMENT CONSULTANT: MONTHLY PROGRESS REPORT

Program Management Activities:

1. Prepared Executive Report for Mayor's Office briefing on May 6.
2. Participated in several meetings this past month discussing refinements to the viaduct architectural features.
3. Participated in meeting on April 22 with BOE and CAO's Office to review ROW budget.
4. Submitted Revised Task Order to address additional ROW acquisition support.

Schedule and Budget:

1. The Project Schedule, adopted at the Executive Team Meeting on May 21, 2013, remains substantially the same, with only minor adjustments. A major update of the program schedule is underway.
2. The Baseline Budget, adopted at the Executive Team meeting on May 21, 2013 has not changed. Caltrans has indicated that the additional Right-of-Way funding will be approved for the project. A Request for Authorization was submitted to Caltrans for this funding on May 15. The Baseline Budget will be updated once formal approval of the funding is received from Caltrans, which is expected by the end of May.
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 right-of-way acquisition, railroad construction and maintenance agreements and utility relocations.
 - b. Four full property acquisitions have been completed ahead of schedule and an agreement has been reached with a four additional properties. However, negotiations on 10 properties have reached an impasse, and the City is initiating the condemnation process. This will extend the acquisition process by about 6-8 months. This could affect the critical path for the Project.
 - c. The identification of utility conflicts associated with the new viaduct design will continue as design details are developed. Claim letters have been sent to the utilities, including several to DWP. Several DWP utilities require relocation, and ongoing efforts are underway to prioritize the relocations and adjust the project construction schedule to work around the relocation efforts, where possible. Utility conflicts at several of the offsite intersections have been identified and the documentation will be completed this month.
 - d. 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, as terms for the site access agreement are negotiated between Amtrak and the City.

Right-of-Way: Acquisition Support

1. Appraisal updates underway for several parcels. Continued negotiations with several property owners for partial acquisitions and temporary construction easements (TCEs). Agreements reached with property owners for three TCEs.
2. No parcels closed escrow during this reporting period. A total of four full acquisition properties closed to date. An agreement has been reached with another four parcels.

Right-of-Way: Utility Coordination

1. Completed potholing of utility conflicts for off-site intersections. Coordinated with Design Consultant and Contractor to review results and coordinate resolution of conflicts.
2. Continued coordination with LADWP on relocation design efforts.
3. Prepared claim letters for all utilities within off-site intersections. Awaiting final approval of Specific Authorization for reimbursable utilities (Line 200) by Caltrans and Utility Agreement by the City and DWP.
4. Preparing Project Engineer's certification of utilities for the off-site intersections. This is the final step to accompany the right-of-way certification to proceed for Caltran's approval.

Railroads

1. Preliminary engineering agreements have been established with UPRR and Amtrak. Revisions to the engineering agreement with BNSF have been made and sent to the City for signature.
2. Coordinating requirements for engineering agreement with Metro.
3. 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 Metolink. The application for right-of-entry with Amtrak has been delayed due to slow responsiveness by Amtrak. City is reviewing updated Site Access Agreement language from Amtrak.

Technical Advisory Committee

1. Facilitated April 24 conference call with TAC to review design criteria.

Risk Management

1. No activity during this period.

Design Reviews

1. Met with Design Consultant to review comments provided on 90% Intersections package.

Independent Cost Estimates

1. Updating 90% off-site intersections estimate to include CMGC subcontractor bids, add work for the test shaft, add effort for temporary signals and pedestrian detours, modify CMGC staffing levels, and add provisional items.

2. Preparing for 65% demolition package estimate. Commencing take-off of as-built structure quantities.

Caltrans/FHWA Coordination

1. Preparing package for Caltrans and FHWA with the 35% Viaduct plans and re-formatted cost estimate. Submitted package to Caltrans on May 9.
2. Facilitated PDT meeting on April 16.

Bid Support for the Construction Phase

1. Draft ROW/utility certification and Request for Authorization for the off-site intersections package awaiting City review comments.

Environmental Mitigation: Historic

2. Continued editing book, next draft for review to be submitted in May.
3. Coordinating meeting to review draft of Act II video.

Outreach

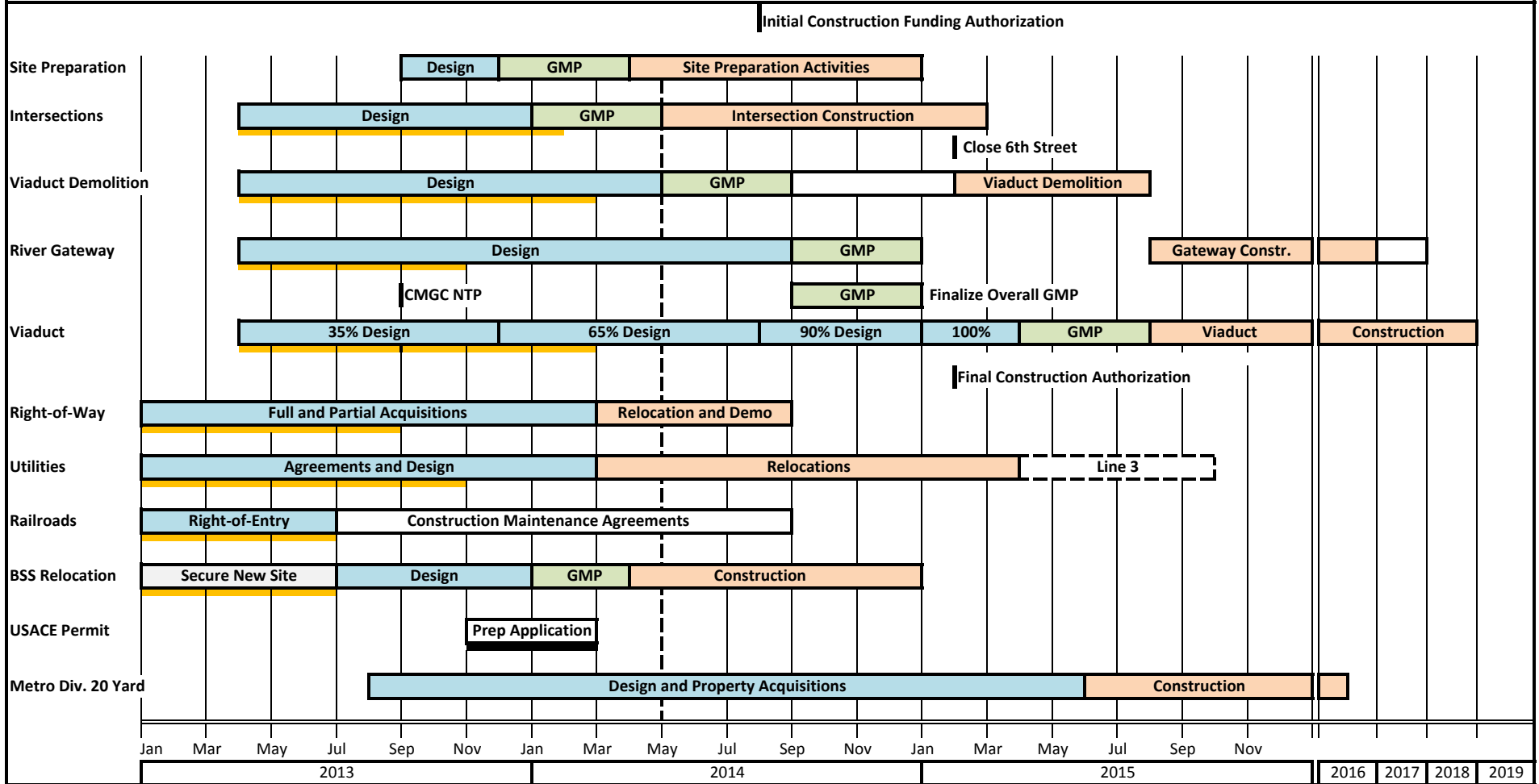
1. Planning underway for locations and date for next public briefing in June.
2. Conducted monthly update meeting with CD-14 staff and Design Consultant.

ATTACHMENT

- **MASTER SCHEDULE SUMMARY**

Sixth Street Viaduct Replacment Project Master Schedule

Updated May 16, 2014



Updates made to Master Schedule (April 10 to May 16, 2014)

Initial Construction Authorization shifted to August

- 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: May 15, 2014

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

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

Subject: Design Consultant: Monthly Management Report – April 8, 2014 to May 13, 2014

Task 1 – Design Project Management

1. Attended Monthly Executive Meeting on April 15
2. Attended Monthly Program Management Team meeting on May 6
3. Attended Monthly Caltrans PDT meeting on April 16
4. Attended meeting at DWP on April 10 for continual coordination
5. Presented the offsite intersections to BOE on April 10
6. Attended the Artist Selection Committee meeting on April 14
7. Attended meeting with Urban Forestry Division on April 22 on street tree replacements
8. Attended architectural design meetings on April 18, April 28, and May 9
9. Prepared the Active Transportation Program application. Met with CD 14, LADOT and BOE to discuss the requirements and review the progress sets.

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

2.1 Preliminary Design and Geometric Approval Drawings (GADs)

- 2.1.3 River Gateway. Proceeded with the design following the concept of three separate railroad bridge structures to provide an interior clear width of 24 feet.

2.2 Conceptual Architectural Features

Attended multiple meetings with BOE, SSW and design team to evaluate various architectural design options. Concepts for architectural design features displayed graphically, discussed and rough estimate costs provided. Architectural design direction given by BOE at May 9th meeting.

2.3 Type Selection Report and Update Caltrans Project Report

- 2.3.1 Responded to the Technical Advisory Committee's comments on the viaduct design criteria. Participated in a conference call on April 24; the TAC concurred with HNTB's responses to comments and have no more comment on the design criteria.
- 2.3.3 & 2.3.4 Revising the Supplemental Project Report to address Caltrans review comments.

2.4 Geotechnical

Submitted the draft test shaft work plan for review. Revising the pavement design report per review comments from BOE. Continued preparing the Phase II ESA report for the viaduct construction. Field work for other Phase II ESA's is pending right of entry permit in the Amtrak right-of-way, and appointment to enter the parcel where the new frontage road is to be constructed.

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

3.1.1 65% Civil PS&E

Updated the street improvement plans showing the revised limits per BOE comments, to be used for scope certainty certification to DWP for relocation design.

3.1.2 65% Traffic/TMP PS&E

No new activity.

3.2.1 65% Structural PS&E

Proceeded with 65% viaduct design as directed in the design coordination meeting on May 9, 2014. Continued addressing Demolition package review comments.

3.2.5 65% Roadway Lighting

Continued coordination with BSL on the proposed barrier-mounted street lighting following the night-time testing.

3.3.1 65% Hydraulics Report

No new activity.

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

No new activity.

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

5.10 100% PS&E for Intersections

Continue advancing the Jesse Street widening design to incorporate into the intersections package. Jesse Street widening was originally in the Demolition package. Other design adjustments pending utility potholing data.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT

Date: May 20, 2014

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

From: Lawrence Damore, P.E.
Construction Manager

Subject: CMGC Report – April 12, 2014 through May 16, 2014

1. Estimates and GMP Development

- a. We closed the estimate for the Off Site Intersections package estimate on April 18. We provided the subcontractor quotes to the other estimating teams as well as other cuts/adds that were taken during the close out. We have presented our pricing for the package which includes the cost to install the test shaft.
- b. We will provide an updated estimate for the Demolition package by early June. This estimate will be based on the 65% level plans.
- c. We have been active in providing rough order of magnitude estimates for contemplated changes to the viaduct design as necessary.
- d. We will be re-estimating our 35% level estimate for the Viaduct only now that we received revised drawings from HNTB. We expect to have the revised estimate completed by June 6.

2. Constructability

- a. We continued to provide input to the design team. In the past month the effort was focused on continuing to provide input to the architectural enhancements.

3. Utility Relocation Coordination

- a. We provided an estimate for the underground work of conflict #83 (Clarence) to the Program Manager on May 1 which will help expedite the execution of the utility agreement.
- b. We continued to participate in DWP discussions to ensure that the power line relocation schedule can meet the project requirements. The design efforts are moving well but we must remain vigilant on progress. In future discussions with DWP, we may ask that additional resources be assigned to the actual construction work.

4. Railroad Coordination

- a. We met with Metro on April 23 primarily to discuss their Division 20 project and its potential impact to the relocation of DWP conflict #3.

5. Right of Way

- a. Given the current state of the acquisition process, we would proceed with demolishing the buildings on parcels by October. Follow on mobilization for demolition will depend on how quickly the remaining parcels are acquired.

- b. We have to be aware of potential impacts to utility relocations due to delayed property acquisitions. Two parcels in particular impact the relocation work of both power and communication lines on Anderson Street.
- c. We have begun making improvements to our entrance and to the mezzanine at the Spilo property. This work should be completed by May 30.

6. Quality and Safety

- a. Nothing to report.

7. Outreach

- a. Nothing to report.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

RIGHT-OF-WAY REPORT

(Not available at time of report)



Prepared by the
Project Management Team