



SIXTH STREET VIADUCT REPLACEMENT PROJECT

MONTHLY EXECUTIVE MEETING REPORT

FEBRUARY 2014



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SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROJECT MANAGER'S REPORT

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: February 18, 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 1/30, we submitted the Caltrans Exhibit 6D requesting \$23 million in additional funding for the 5 changes to property acquisitions and additional utility relocation costs.
- b. An updated Financial Plan (FP) is being prepared, which will correspond with the Exhibit 6D. The FP is a requirement to seek the first Request for Authorization (RFA) for the Construction Phase.
- c. On 2/3, we sent HNTB a letter requesting a written plan to address the steps HNTB will take to manage design elements against the budgeted construction costs through the completion of design. At our 2/4 BOE team meeting, we focused our discussions on the construction cost estimate and design elements to establish a path forward for HNTB to proceed with the 65% design effort. HNTB submitted a draft plan along with an updated estimate on 2/7, which we are reviewing.
- d. CH2M Hill is preparing a summary of their independent estimate side by side with HNTB and SSW's estimate for City review. HNTB will also work with SSW to further align estimating assumptions and report back to the City on progress. We asked HNTB, CH2M and SSW to distribute their indirect costs and contingency amounts into each of the four construction packages instead of showing those costs separately.
- e. We continue to revise the draft Right of Way Certification document as directed by Caltrans. We expect to finalize this month and submit to Caltrans for approval.
- f. LADOT's decision on bridge median width is expected this week. On 2/19, we will meet with Caltrans District 7 to discuss lane width/transitions for the bridge portion over US 101.
- g. SSW is developing a fee and scope proposal for the purchase and testing of two friction pendulum isolation bearings.
- h. We will be preparing a task order revision board report for CH2M's task order as we are nearly out of design phase and ROW phase contingency.

2. Design Consultant Activities:

- a. BOE Street Program will complete their review of the 90% Offsite Intersections package in two weeks. BSL is starting their review and expects to complete their review by 2/28. LADOT has not started their review due to shortage of staff. We are checking to see if they can reprioritize their work to complete this review in a timely manner.
- b. As previously reported, Caltrans proposed a different approval process for Type Selection versus the traditional Type Selection Meeting. Because of the ongoing design review process with Caltrans, they deem it unnecessary to hold a traditional Type Selection Meeting as we have already achieved the outcome of such a meeting. We will document the review and feedback, and once the bridge width issue has been settled, HNTB will submit a final General Plan of the viaduct

- structure for their approval.
- c. HNTB submitted the draft hydraulics report for US Army Corps of Engineers (USACE) review. A meeting is scheduled with USACE for 2/13 to discuss our letter request to COE that they provide review and input on river related improvements (i.e. river bank terracing, River Gateway, river low flow, etc.) without a Section 214 Agreement.
 - d. HNTB submitted draft sewer relocation plans for City review on 2/4.
 - e. For coordination of fiber optics line in the new bridge, ITA referred us to DWP who is now taking the lead on fiber optics installations in the City.
3. Construction Manager General Contractor (CMGC) RFP:
 - a. The CMGC contract to Skanska / Stacy and Witbeck Joint Venture (SSW) NTPs 1 and 2 have been issued. NTP was for service duration from 8/27/13 thru 1/27/14.
 - b. The second partnering session is being scheduled for 2/21. The Bureau of Contract Administration will participate.
 - c. On 2/5, we met with the Bureau of Contract Administration and SSW to clarify SSW's QA/QC responsibilities during construction.
 4. Construction Management (CM)
 - a. We will proceed with finalizing the RFP for construction management services to issue in March. The target approval date of the RFP is early next year in time for the viaduct demolition package.
 - b. We are requesting CH2M Hill to provide a scope and fee to perform the CM services for the first Offsite Intersections slated to begin construction this summer.
 5. Department of Cultural Affairs Coordination (DCA)
 - a. DCA is in the process of convening an Artist Selection Committee and to establish the artist design work scope.
 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 briefed Commissioner Szabo on the TOS Award Board Report for the Bureau of Street Services Yard Relocation design. The report is being scheduled for Board meeting.
 8. Right-of-Way: Utility Coordination
 - a. CH2M Hill is requested to provide additional potholing services related to Storm Drain conflict and sewer relocations.
 - b. We are continuing to coordinate with AT&T to develop a design to relocate their fiber optic line in the existing bridge.
 9. Right-of-Way: Railroad Coordination
 - a. For Phase II Site Assessment report on testing railroad properties for potential contamination, HNTB and sub consultant EMI proposes to obtain samples by coring horizontally from within the existing tunnel.
 - b. We will not hold further meetings with the railroads until 65% complete Viaduct Demo and River Gateway plans and specs have been prepared.
 10. Environmental Mitigation: Historic
 - a. The final layout of the pages for the book being prepared for City review.
 - b. Preparation of Act 2 of the documentary video is in progress.

11. Technical Advisory Committee

- a. The Technical Advisory Committee (TAC)'s recommendations on seismic isolation and CIDH pile load testing have both obtained Caltrans' "Type Selection approval process" concurrence.
- b. The structure Independent Check scope and fee proposal is in preparation by MGE, a sub-consultant to HNTB. TAC will review their technical qualifications.

12. Budget

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

13. Schedule

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

14. Outreach

- a. The next community meeting will likely be held in March or April, following the approval of the General Plan by Caltrans and the meeting with the Design Aesthetic Advisory Committee later this month.
- 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 February 18, 2014

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

From: Rick Luebbbers, P.E.
PMC Project Manager, CH2M Hill

Subject: PROGRAM MANAGEMENT CONSULTANT: MONTHLY PROGRESS REPORT

Program Management Activities:

1. Prepared tables comparing the project budget against the 35% Cost estimates prepared by SSW, HNTB and CH2M HILL.
2. Prepared schedule outlining administrative process to approve the CMGC construction package for offsite intersections.
3. Submitted revised draft 6-D to City on January 24 requesting additional right of way funding.
4. Submitted revised Right-of-Way Certification for the Traffic Mitigation package on January 28 to City for review and submittal to Caltrans.

Schedule and Budget:

1. The Project Schedule, adopted at the Executive Team Meeting on May 21st, remains substantially the same, with only minor adjustments. A major update of the program schedule is underway. Awaiting updated schedule from Design Consultant.
2. The Baseline Budget, adopted at the Executive Team meeting on May 21st, has not changed. Anticipated adjustments to increase funding for right of way are in process.
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 right-of-entry permits and utility relocations.
 - b. Four full property acquisitions have been completed ahead of schedule and an agreement has been reached with a fifth property this past month. However, negotiations on 7 properties have reached an impasse, and the City is initiating the condemnation process. This will extend the acquisition process by about 4-5 months, but should not 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 for known utility relocations, including several to DWP. Caltrans approved the Specific Authorizations for 11 utility locations, allowing DWP to begin design of utility relocations in October. Utility conflicts at several of the offsite intersections are currently being identified. A schedule for the offsite intersections utility relocations will be developed over the next 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, due to slow responsiveness by Amtrak.

Right-of-Way: Acquisition Support

1. Continued negotiations with several property owners for partial acquisitions and temporary construction easements (TCEs). Agreements reached with property owners for five 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 one more parcel.

Right-of-Way: Utility Coordination

1. Prepared draft utility data sheets for off-site intersections and preliminary conflict list. Provided to Design Consultant for review.
2. Continued coordination with LADWP on relocation design efforts.
3. Preparing claim letters for communications, oil and gas lines within project area.

Railroads

1. Prepared preliminary engineering agreements with UPRR and BNSF for City review and signature.
2. Preparing work plan for construction and maintenance agreements.
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 Metrolink. Fully authorized permits have been issued and work is being scheduled for the Metro property. Tracking the application for right-of-entry with Amtrak; this application has been delayed due to slow responsiveness by Amtrak.

Technical Advisory Committee

1. No activity during this period.

Risk Management

1. Performed 35% quality audit on January 24 in HNTB Santa Ana office.

Design Reviews

1. Completed review of 90% intersections package.

Independent Cost Estimates

1. Reformatted the construction estimate for comparison with the available budget, broken down by budget source. Met with City to review estimate format and results.

Caltrans/FHWA Coordination

1. Coordinated response to Caltrans/FHWA comments on the HNTB Steel Bridge Alternative document.

Environmental Mitigation: Historic

1. Continued editing book, next draft for review to be submitted in March.
2. Preparing Act II of video.
3. Conducted meeting to discuss salvaging of materials from the existing viaduct.

Outreach

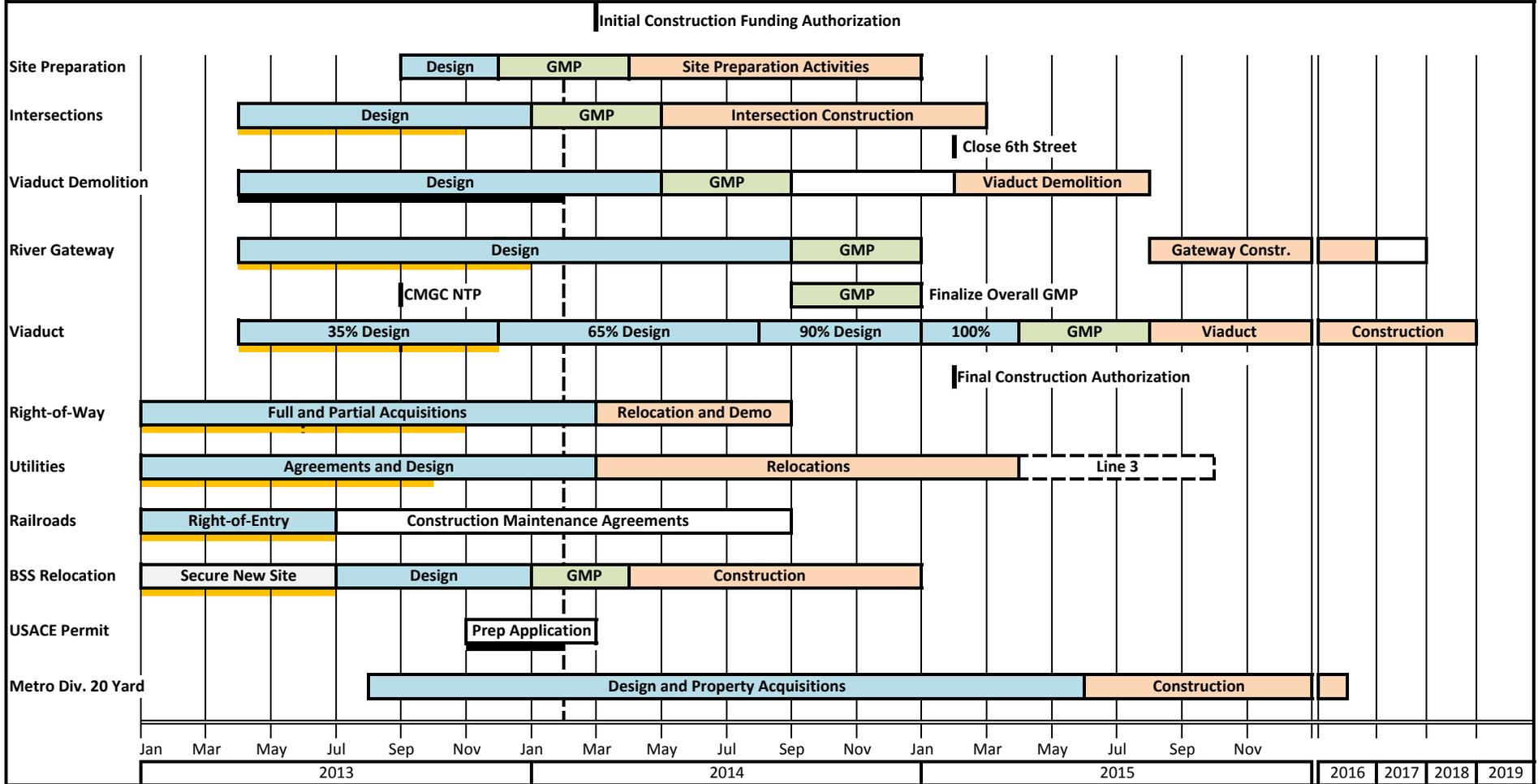
1. Conducted coordination meeting with LA River Revitalization Corporation, CD-14, and SIX to discuss potential coordination/partnership for Friends of the Sixth Street Viaduct.

ATTACHMENT

- **MASTER SCHEDULE SUMMARY**

Sixth Street Viaduct Replacment Project Master Schedule

Updated February 14, 2014



Updates made to Master Schedule (January 18 to February 14, 2014)

No changes during this 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: February 18, 2014

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

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

Subject: Design Consultant: Monthly Management Report – January 15, 2014 to February 11, 2014

Task 1 – Design Project Management

1. Attended Monthly Executive Meeting on January 21, 2014
2. Attended Monthly Program Management Team meeting on February 4, 2014
3. Attended monthly PDT meeting at Caltrans District 7 on January 15, 2014
4. Attended meeting at DWP on January 30, 2014 for ongoing utility relocation coordination.
5. Met with SIX to discuss project budget on January 17, 2014.
6. Met with PMC quality auditor on January 23, 2014 for 35% project quality audit
7. Attended meeting at LADOT on January 27, 2014 to discuss viaduct width and proposed median reduction
8. Attended meeting at SIX to discuss construction QC and inspection responsibilities

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

2.1 Preliminary Design and Geometric Approval Drawings (GADs)

- 2.1.1 & 2.1.2 GAD. No new activity. Viaduct cross section pending response from LADOT.
- 2.1.3 River Gateway. No new activity.

2.2 Conceptual Architectural Features

No new activity.

2.3 Type Selection Report and Update Caltrans Project Report

- 2.3.1 Continued coordination with project team on isolation bearing procurement for testing.
- 2.3.3 & 2.3.4 Draft Supplemental Project has been prepared; submittal on hold pending final decision on viaduct width.

2.4 Geotechnical

Continued field exploration work to collect borings, and laboratory testing. Phase II work is ongoing pending right of entry permit in the parcel where the new frontage road is to be constructed. Submitted Phase II Environmental Site Assessment for parcel 23 on February 6, 2014

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

3.1.1 65% Civil PS&E

Submitted 65% sewer relocation plans on February 3, 2014

3.1.2 65% Traffic/TMP PS&E

Preparing 65% viaduct detour plans addressing LADOT's 35% review comments

3.2.1 65% Structural PS&E

Continued coordination with SSW on demolition strategy over railroad. Preparing a design package to be submitted to railroad for review; primary intent is to obtain formal concurrence on demolition with ground level track protection without using the overhead shield structure.

3.2.5 65% Roadway Lighting

Preparing 65% street lighting plans for Jesse Street and new frontage road

3.3.1 65% Hydraulics Report

Submitted preliminary hydraulics report for Army Corp coordination on January 30, 2014

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

4.10 90% PS&E for Intersections

Submitted 90% design package on January 17, 2014.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT

Date: February 18, 2014

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

From: Lawrence Damore, P.E.
Construction Manager

Subject: CMGC Monthly Report – January 20 through February 14, 2014

1. Estimates and GMP Development

- a. We have begun the process of providing a detailed estimate of the 90% Off-Site Intersection Plans. Instructions for this estimate will be prepared this week to include review and presentation dates. This estimate will form the basis of our first GMP development.
- b. We have provided input along with CH2M Hill and HNTB to produce a side by side comparison of the estimates and the City's budget as well as our recommendations on adjustments to scope.
- c. We provided the City with detailed explanations of the 35% estimate and its process at a meeting on January 28.

2. Constructability

- a. We continued to provide input to the design team. Recent discussions include stay in place metal decking formwork, and use of triple pendulum bearing.
- b. We forwarded our comments on the 90% Off-Site Intersection plans to HNTB.

3. Utility Relocation Coordination

- a. We continued to participate in DWP discussions to ensure that the power line relocation schedule can meet the project requirements.
- b. We have identified a number of fire hydrants that may need to be relocated before the off-site intersection work can proceed. We will meet this week to coordinate this effort.

4. Railroad Coordination

- a. We are developing exhibits that we can present to the railroads to show how we plan to work in their areas. No more communication can be expected with the railroads until we have MOU's in place.

5. Right of Way

- a. We continued to provide valuable input to RED and the Program Manager regarding property acquisition.
- b. We are developing a plan for assessing the hazardous materials at the properties. This work would begin as soon as more of the properties are vacated.
- c. We understand that the mezzanine of the northerly portion of the Spilo building would be available to us for occupancy around March 13.
- d. We will provide a date to SIX for the requested vacating of the BSS facility.

6. Quality and Safety

- a. We met with the Contacts Administration Division Manager (Rinaldi) on February 5. It appears that ConAd will yield no inspection/testing responsibilities to the Contractor.

7. Outreach

- a. A subcontractor/supplier outreach meeting is planned for February 28. Purpose will be to introduce prospective companies to the project and provide information on bidding of the Off-Site Intersections package.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

RIGHT-OF-WAY REPORT

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

Date: February 18, 2014

To: Sixth Street Viaduct Replacement Project Executive Committee

From: Uriel Jimenez
BOE, Real Estate Division (RED)

Subject: SIXTH STREET VIADUCT REPLACEMENT PROJECT – RIGHT-OF-WAY ACTIVITIES

1. FULL TAKE ACQUISITION SUMMARY

The City Attorneys' office has finalized a Report to City Council and an ordinance to condemn three parcels. The City Council previously approved the condemnation of eight other properties. RED anticipates that City Council will vote on the new ordinance and Resolution of Necessity in mid-March.

RED will continue to negotiate with the owners of the above mentioned properties in advance of further condemnation action.

RED is moving forward with the full take of three additional parcels. Upon receipt of appraisals and appraisal reviews, EPIC will present offers to the respective property owners.

Negotiations with Spilo have resulted in a signed ROW Contract with terms agreeable to all. A board report is in process for authority to acquire and pay for the Spilo acquisition, along with arrangements regarding the City's 48 month rental of the northern portion of the Spilo property that Spilo will retain.

A Phase II environmental assessment is in process for two parcels.

2. PART TAKE ACQUISITION SUMMARY

Since our last report, RED has reached settlements with one parcel. Funds have been requested for payment to the property owner. The easement will be recorded after payment has been delivered to the property owner.

Negotiations for a second parcel are continuing. RED expects to finalize the acquisition of this parcel in two to three weeks.

Offers for two other parcels have been presented to property owners. Negotiations are ongoing for these two part-take properties. Property owner's concerns regarding the demolition and construction plans of the project have made the negotiations difficult, with condemnation of these properties expected.

1. RAILROAD OWNERSHIP INVESTIGATIONS

Since our last report, we have added two parcels to reflect recent research into accurate representation of the railroad right-of way (ROW). The Project Right-of-Way Map is being revised to reflect the new parcels. Legal descriptions are being prepared by BOE Survey Division. Additional changes to the ROW Map will be required as more details regarding railroad ROW come to light.



Prepared by the
Project Management Team