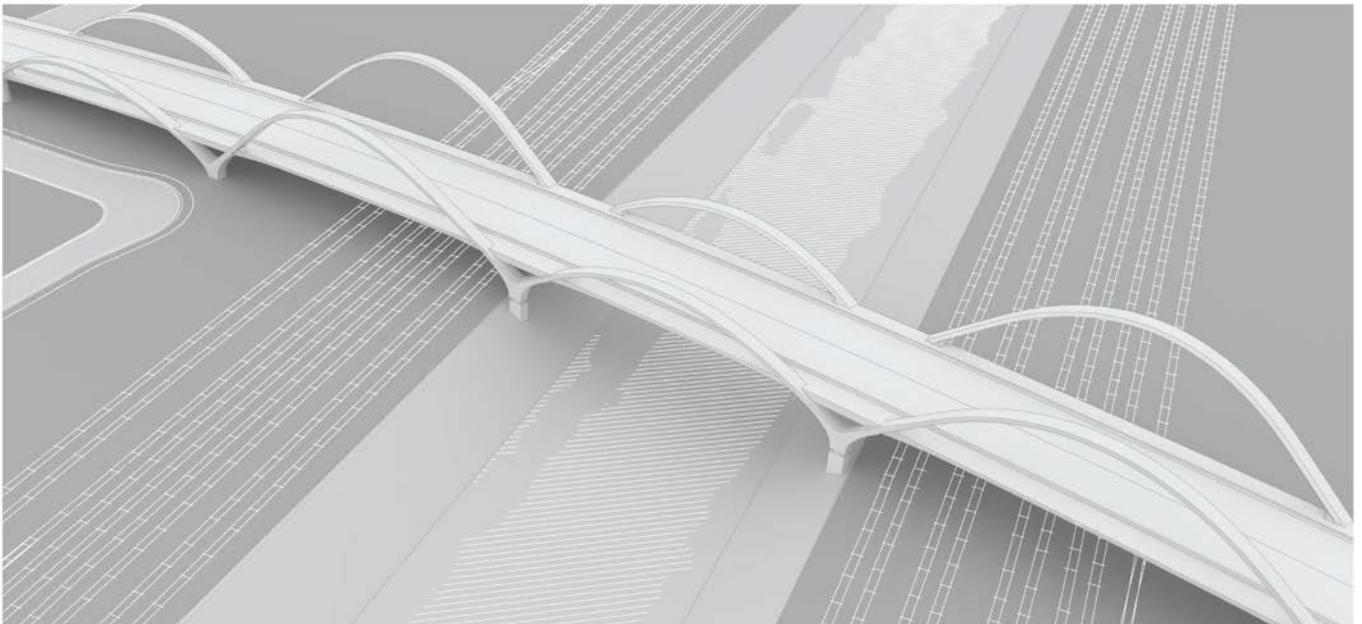




# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **MONTHLY EXECUTIVE MEETING REPORT**

**JULY 2014**



## **TABLE OF CONTENTS**

<b>Project Manager Report</b>	<b>4</b>
<b>Program Management Consultant Report</b>	<b>8</b>
<b>Attachment</b>	
▪ <b>Master Schedule Summary</b>	<b>12</b>
<b>Design Consultant Report</b>	<b>14</b>
<b>Construction Manager General Contractor (CMGC) Report</b>	<b>17</b>
<b>Right-of-Way Report</b>	<b>20</b>

# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **PROJECT MANAGER'S REPORT**

**CITY OF LOS ANGELES**  
INTERDEPARTMENTAL CORRESPONDENCE

Date: July 15, 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 7/2, Councilmember Huizar, the BOE, and the Department of Cultural Affairs (DCA) held a press event to announce reaching a major milestone in design, and the selection of Glenn Kaino as the project artist.
- b. HNTB team is moving forward with 65% design with a target completion of Nov 26. HNTB will proceed to implement an early foundations only construction package to mitigate recent schedule slip. HNTB and CH2M Hill are preparing their written statements regarding budget conformance from the review of SSW's revised 35% cost estimate.
- c. Eligibility Review: We continue to prepare supporting documents to justify City's position as to what is eligible in preparation for upcoming meetings with Caltrans District 7 scheduled for 7/16 and with their Headquarters scheduled for 7/22. Our submittal of the Request for Construction Authorization (RFA) on the Offsite Intersections package to Caltrans for approval is contingent on resolving this issue.
- d. ROW Certification for the first construction package is being reviewed by Caltrans.
- e. Financial Plan: We addressed all Caltrans comments and submitted the latest version on 7/8. This version reflects that State Prop 1B funds cannot be used for financing costs as we have planned for the construction phase. We are working with the CAO staff to identify a proper source of funds and seek oversight committee and Council approval.
- f. On 7/7, we held a risk management workshop to update all foreseeable risks, their potential costs and probabilities of occurrence, and to better align total risk cost with contingencies shown in the revised Financial Plan and 35% revised cost estimate.

2. Design Consultant Activities:

- a. We received FHWA approval on the Public Interest Finding for sole sourcing the test bearings. HNTB is proceeding with its implementation with the manufacturer EPS.
- b. The Structures Independent Check task has been initiated to provide design quality and verification in conjunction with the work by Technical Advisory Committee/ Seismic Safety Peer Review TAC/SSR as the design progress towards 65%.
- c. 100% Design for the Offsite Intersections package has been completed and being circulated for LADOT and BSL plan signatures.
- d. The 65% viaduct demolition design engineer's cost estimate has been submitted.
- e. We have yet to receive review comments from the US Army Corps of Engineers on our initial submittal. In the meanwhile, HNTB and SSW are requested to prepare proposed falsework and staging information in the river. Temporary construction condition is very likely to impact river hydraulics compared to the proposed permanent condition without a center pier. An updated submittal schedule was prepared and submitted to the Army Corps of Engineers (USACE) for their review followed by a conference call on 6/10 to discuss the path forward with the intent of SSW planning to start work in the spring of 2015.

- f. BOE Sewer Design is assisting with the rehab/liner portion of the sewer relocation plans by the junction structure at Santa Fe for HNTB to incorporate in their PS&E.
3. Construction Manager General Contractor (CMGC) RFP:
  - a. SSW incorporated Caltrans comments on lower tier DBE utilization and finalized their Subcontracting Plan.
  - b. To address Caltrans eligibility comments, SSW prepared both a qualitative narrative as well as a quantitative cost comparison for the temporary signals versus the as-designed permanent signal improvements. CH2M is also sorting cost information based on each category of work in preparation for discussion on eligibility.
4. Construction Management (CM):
  - a. We are in communication with PAC to try and finalize the CM RFP for release next month. We will engage Caltrans District Local Assistance, HQ Structures Local Assistance, and Caltrans District Structures Construction office to provide guidance throughout the procurement process to ensure contracting conformance.
5. Department of Cultural Affairs Coordination (DCA)
  - a. DCA is preparing the artist scope of work for review and approval by both SIX and HNTB. The selected artist will be added as a sub-consultant to the HNTB contract. MMA will assist HNTB with coordination and oversight of the artist work
6. Right-of-Way: Real Estate – BOE-Real Estate Division to provide report.
7. Right-of-Way: Bureau of Street Services Relocation (BSS)
  - a. With differences of opinion in the placement of the proposed building at the new 650 Mission Road site, a resolution meeting with senior management from BSS and BOE along with the prime consultant and architect has been scheduled. BSS and the consultant architect Paul Murdock have reached agreement on building's overall programming and size.
8. Right-of-Way: Utility Coordination
  - a. To facilitate the planned start of viaduct demolition, there are schedule critical power relocation designs required for street east of the river – namely Clarence, Anderson, and Mission. DWP requires scope certainty letters on the associated street design plans from BOE. In light of the pending Caltrans eligibility reviews and to avoid delay, we are making a tentative determination on limits of street improvement.
  - b. DWP is finalizing their proposal for permanent Line 3 relocation which is critical to viaduct demo. The option involving undergrounding the entire line under the river with a receiving pit west of the river has been revised to avoid encroachment into the future Metro Division 20 site. However, this alignment impacts two existing utilities - a water line and a sewer line. We are assessing the relocation of those utilities.
  - c. DWP Hydrant unit provided their cost estimate to relocate 12 fire hydrants. DWP wants to self-perform the construction of fire hydrants.
  - d. 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. We are preparing the draft board report for the design services agreement with the various railroads. CH2M is experiencing delay in coordinating with railroads to address City Attorney review comments.
  - b. With completion of the 65% Viaduct Demo plans and advancing new viaduct design towards 65%, we are planning a new round of railroad coordination meetings.

10. Environmental Mitigation: Historic

- a. A scope of work on Environmental Revalidation is being prepared by CH2M Hill. However, a Task Order Amendment is needed before we can authorize that work as contingencies have been exhausted.
- b. The historic book and film are in progress. Potential salvaging of historic elements are being investigated and potential list of museums are being 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 are meeting with CD 14 to discuss plans and schedule for the next outreach meeting.
- 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 July 15, 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. Participated in June 23 focus meeting to discuss intersections eligibility and review the project risk register.

**Schedule and Budget:**

1. A new Project Master Schedule was adopted at the Executive Team Meeting on June 17, 2104. This new schedule now serves as the baseline for assessing progress.
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 scheduled for July.
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. Nine property acquisitions have been completed and an agreement has been reached with two 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.
  - 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 have been completed and updated offer packages prepared for several parcels. Continued negotiations with several property owners for partial acquisitions and temporary construction easements (TCEs). Agreements reached with property owners for four TCEs.
2. One parcel closed escrow during this reporting period. A total of six full acquisition properties closed to date. An agreement has been reached with another parcel.

### **Right-of-Way: Utility Coordination**

1. Continued coordination with LADWP on relocation design efforts.
2. Submitted Project Engineer's certification of utilities for the off-site intersections construction package to Caltrans. This is the final step to accompany the right-of-way certification to proceed for Caltrans'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 were reviewed with the City Attorney on June 5. A draft Board report requesting authorization to sign the agreement has been drafted.
2. Reviewed Metro engineering agreement terms with City Attorney on June 5. Requests for revisions under discussion 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 Metrolink. The application for right-of-entry with Amtrak has been delayed due to slow responsiveness by Amtrak. Reviewed updated Site Access Agreement language from Amtrak with City Attorney on June 5. Revisions submitted to Amtrak for review. Amtrak has acknowledged receipt, but have not provided a response.

### **Technical Advisory Committee**

1. Submitted letter from Seismic Safety Review Committee to City and Caltrans indicating concurrence with the proposed design criteria.

### **Risk Management**

1. Reviewed Design Consultant risk register for conformance with Caltrans guidelines and met with project team to review on July 7 to review and finalize.

### **Design Reviews**

1. No activity during this period.

### **Independent Cost Estimates**

1. Reviewing Contractor's 35% viaduct estimate update.
2. Completed 65% demolition package estimate.
3. Participated in estimate review meeting with Contractor on June 17.

**Caltrans/FHWA Coordination**

1. Coordinated and participated in June 17 meeting with Caltrans District 7 to discuss HBP funding eligibility.
2. Prepared for and facilitated PDT meeting with Caltrans and FHWA on June 18.
3. Prepared revisions to isolation bearing public interest finding (PIF) form, incorporating FHWA comments.

**Financial Plan Update**

1. Submitted revised Financial Plan to Caltrans on July 8.

**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. Preparing Draft letter to be sent to repositories regarding salvaging portions of historic bridge.

**Outreach**

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

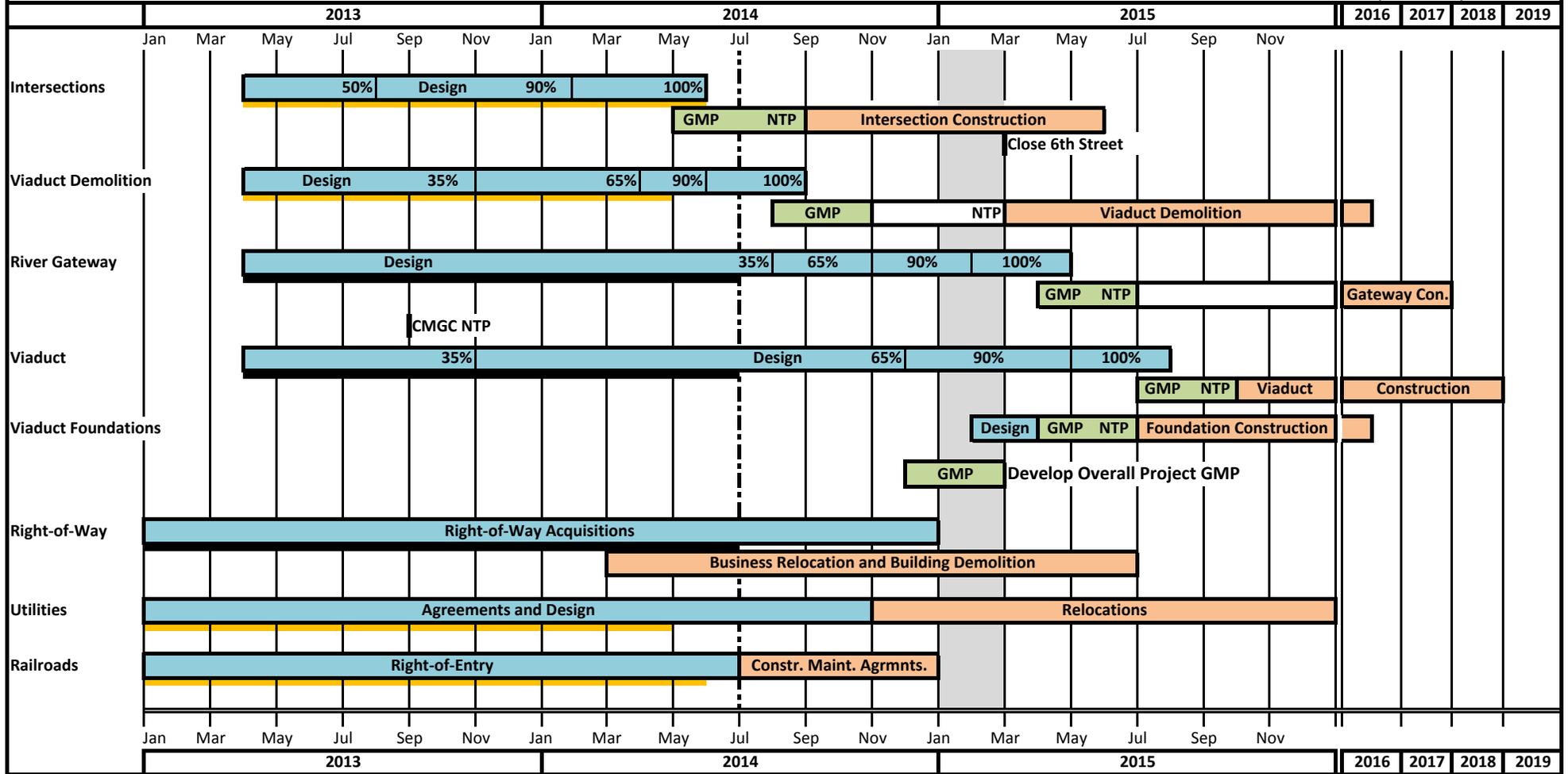
## **ATTACHMENT**

- **MASTER SCHEDULE SUMMARY**

# Sixth Street Viaduct Replacement Project Master Schedule

Adopted June 17, 2014

Updated July 11, 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: July 15, 2014

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

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

**Subject:** Design Consultant: Monthly Management Report – June 12, 2014 to July 8, 2014

**Task 1 – Design Project Management**

1. Attended Monthly Executive Meeting on June 17
2. Attended Monthly Caltrans PDT meeting on June 18
3. Attended coordination meeting at DWP on June 25
4. Attended CD 14 press conference on July 2
5. Provided supplemental documents for response to Caltrans eligibility review comments

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

**2.1 Preliminary Design and Geometric Approval Drawings (GADs)**

2.1.3 River Gateway Continued preparation of the structure type selection drawings due July 18, 2014.

**2.2 Conceptual Architectural Features**

Continued preparation of renderings. Continued refining viaduct structure details.

**2.3 Type Selection Report and Update Caltrans Project Report**

- 2.3.1 No new activity.
- 2.3.3 & 2.3.4 Revising the Supplemental Project Report to address Caltrans review comments.

**2.4 Geotechnical**

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 appointments to enter the private properties which the reports are to be prepared for.

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

**3.1.1 65% Civil PS&E**

Continued coordination with SIX to determine street improvement limits on local streets east of the LA River.

**3.1.2 65% Traffic/TMP PS&E**

No new activity.

**3.2.1 65% Structural PS&E**

Continued with 65% viaduct design. Provided viaduct submittal package for railroad C&M agreement review.

**3.2.5 65% Roadway Lighting**

Investigated alternative viaduct lighting solutions in response to BSL's report.

**3.3.1 65% Hydraulics Report**

Awaiting USACE review comments of the preliminary report submitted in February.

**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**

Continued preparing for 100% submittal scheduled for July 11.

# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT**

Date: July 15, 2014

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

From: Lawrence Damore, P.E.  
Construction Manager

Subject: **CMGC Report – June 13 through July 10, 2014**

**1. Estimates and GMP Development**

- a. The estimate for the 65% level Demolition package was completed on June 17 with the independent estimating team from CH2M Hill. The estimate was presented to you on June 18.
- b. The revised estimate for the 35% level plans for the Viaduct was also presented on June 18. This estimate incorporates all of the added features agreed to at the May 9<sup>th</sup> meeting.
- c. We have provided cost data to help justify the funding of work items currently considered as ineligible for HBP funding.

**2. Constructability**

- a. We continued to provide input to the design team. We are now meeting weekly with HNTB and MMA to discuss viaduct design issues.

**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. The design efforts are moving well but we must remain vigilant on progress. **We need to provide scope certainty for roadway improvement work as soon as possible. Without this information we cannot continue with the relocation process.**
- b. We also continued to meet with the various communication companies in order to coordinate their relocation efforts with those of DWP.
- c. We are coordinating directly with Metro Division 20 to ensure that the relocation of line 3 can be accommodated with minimal impacts to their project. We have determined that the pit needed to install line 3 underground can be excavated completely outside the future Metro right of way.
- d. The relocation process of 12 fire hydrants at various off site intersections is proceeding. At this time we do not expect the hydrant relocations to impact our intersection improvement work.

**4. Railroad Coordination**

- a. Nothing to report.

## **5. Right of Way**

- a. We continued to anticipate demolishing buildings on parcels by October. However, we may have to consider holding on demolition of the buildings that are physically attached to ones that are still occupied.
- b. The buildings already vacated appear to be secure and free of vandalism.
- c. 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.
- d. We have requested that the BSS completely vacate the facility under the existing viaduct by 12/31/2014.

## **6. Quality and Safety**

- a. A Contractor Quality Control Plan was submitted to you on June 27.

## **7. Outreach**

- a. A revised Subcontracting Plan was submitted to you on June 20. With Caltrans concurrence we intend to use lower tier subcontractors in calculating DBE participation.

# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **RIGHT-OF-WAY REPORT**

**CITY OF LOS ANGELES**  
INTER-DEPARTMENTAL CORRESPONDENCE

Date: July 15, 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. ACQUISITION SUMMARY**

32 properties require acquisition, 10 of those properties are railroad properties. A total of ten properties have been acquired and escrow has closed. One property is currently in escrow and will close by October 15, 2014. One parcel (a TCE) has been signed by the property owner and is in the process of being acquired, pending Board approval and payment to the property owner. Three properties have been vacated and are ready for demolition.

17 properties have been approved by City Council to go to condemnation; of these, four have settled; three cases have been filed in court; and seven properties are in negotiation. Three additional cases will be filed within the next two weeks.

Currently, there are three appraisal updates being performed by contracted appraisers, which are due within two weeks. Offer packages and court filings will follow within two weeks, or by the middle of August.

Negotiations for two parcels are ongoing. One of those parcels has been changed to a fee taking (instead of an easement). At this point, RED expects to require condemnation proceedings to acquire these parcels. One of the hurdles that is of concern to the owner, is the scarcity of replacement parking that will be needed to replace existing parking during the construction period.

The escrow for one parcel has closed, and the displaced business will be moving to the City of South El Monte. The relocation of this business may be pressured on time due to the late identification of a replacement site, and the work to be done at the replacement site in order to meet the needs of the displaced business.

**2. RAILROAD OWNERSHIP INVESTIGATIONS**

Due to modifications to the right of way limits, new legal descriptions and plats are being prepared, to be followed by revised appraisals and offers to railroads for the acquisition of underground and aerial easements.

One offer for the acquisition of railroad (UPRR) property, has been sent, other railroads that have a fee interest in property to be acquired by the City include LA Metro, BNSF, and Amtrak.



Prepared by the  
Project Management Team