



# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **MONTHLY EXECUTIVE MEETING REPORT**

**OCTOBER 2013**



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# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **PROJECT MANAGER'S REPORT**

**CITY OF LOS ANGELES**  
INTERDEPARTMENTAL CORRESPONDENCE

Date            October 15, 2013

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. Metro Division 20 Coordination: We are proceeding with the Arts Plaza and River Gateway design with the understanding that the pedestrian bridge linking to the Gallo property south of the viaduct will not be required. Further, the fire access road will be entirely within the Metro Division 20 property. We are working with Council District 14 staff to arrange a meeting with Metro to discuss their plans for issuing a Request for Proposals for design-build services for their project.
- b. We signed the Caltrans Cooperative Agreement and forwarded back to Caltrans for their signatures. The Caltrans Coop defines our roles and responsibilities.
- c. We made some additional revisions to the draft Right of Way Certification document as requested by Caltrans District 7 staff. On 10/10, Caltrans District 7 sent the document to Caltrans Headquarters for review.
- d. On 10/8, we met with Caltrans District 7 and Headquarters staff to discuss the process of approving the Request for Authorization for the first and subsequent construction packages.
- e. We will prepare an updated financial plan for Caltrans approval in advance of the Request for Authorization of construction funding.

2. Design Consultant Activities:

- a. At the 9/27 executive meeting, HNTB presented design revisions reducing the viaduct construction cost estimate to \$151 million, which is much closer to the \$140 million budget. With these revisions, they will prepare and submit a bridge type selection report to Caltrans by 10/11 and a 35% design package on 10/17 for review & estimating. It was noted that \$20 million in design contingency is being held in reserve above the overall construction budget of \$190 million.
- b. Offsite Intersections: All 50% design plan review comments have been received including those from LA Department of Transportation and the Bureau of Street Lighting (BSL). Other reviewers include our program management consultant team, BOE Street Program, and Bureau of Street Services – Urban Forestry.
- c. HNTB will investigate how the federal Buy America requirements apply to the decorative bridge lighting systems.
- d. The Notice to Proceed for the Envision task scope of work was issued to HNTB.
- e. The HNTB 35% design submittal will include the final River Gateway layout, which will enable continued discussion on the Construction & Maintenance Agreements with the railroads.
- f. The 3<sup>rd</sup> Project Development Team meeting with Caltrans is scheduled for 10/16.
- g. USACE provided the hydraulic model for the river and related information for HNTB to use in preparing the hydraulic analysis of the proposed changes in the river channel.

3. Construction Manager General Contractor (CMGC) RFP:

- a. The board report to award pre-construction services to Skanska / Stacy and Witbeck Joint Venture (SSW) is being processed. The proposed contract is under review by

- BOE Project Award and Control Division. SSW is also reviewing some of the contract terms. The report will likely be scheduled for a Board of Public Works meeting by 10/31.
- b. The auditor completed the field work and issued a draft report. We discussed some of the recommendations with SSW and the Controller's Office. We are preparing a written response to the recommendations.
  - c. SSW is preparing a proposal to initiate partnering sessions for the project.
  - d. FHWA has taken no action on the proposed Project Labor Agreement (PLA). They continue to wait until the similar issues with Metro's PLA are resolved.
4. Construction Management
    - a. We will continue developing the RFP for construction management services following execution of the CMGC contract.
  5. Department of Cultural Affairs Coordination (DCA)
    - a. The Public Art Advisory Committee (PAAC) continues to work on developing a vision statement for the public art component of this project.
    - b. A third and final PAAC meeting is to be scheduled.
    - c. The total budget remains at \$1.65M for the Public Works Improvements Arts Program (1% for the Arts Program). Additional sources are being contemplated.
  6. Right-of-Way: Real Estate – BOE-Real Estate Division to provide report.
  7. Right-of-Way: Bureau of Street Services Relocation (BSS)
    - a. The Task Order Solicitation Approval Form for design services for the BSS maintenance yard design is being circulated for approval.
    - b. We are working on developing a lease agreement to establish the terms of the lease. The draft lease will be distributed to BSS and the Bureau of Sanitation in the next month for their review and input.
  8. Right-of-Way: Utility Coordination
    - a. Caltrans approved the 11 Specific Authorizations for Department of Water and Power (DWP) Power System relocations. We authorized DWP to begin design of these relocations. The total approved amount exceeds \$10 million, which is more than originally budgeted. We will prepare and submit a funding request to Caltrans for additional funding for these relocations.
    - b. On 10/3, we met with Caltrans staff to review the draft Utility Agreements which will be required before Utility Certification.
    - c. The program management consultant team completed a potholing investigation to determine the exact location of the two 230kV underground duct banks adjacent to the viaduct, running between Mateo and Santa Fe. HNTB and SSW are studying the wall type to be used for the adjacent embankment so that it does not impact or surcharge this important utility.
    - d. There is an AT&T fiber optic line in the existing bridge. Because it crosses over the US 101 Freeway, Caltrans requested a detailed temporary and permanent relocation plan. We're coordinating with AT&T to provide this information.
  9. Right-of-Way: Railroad Coordination
    - a. Right of entry permits to perform topographic survey, geotechnical borings and utility investigations have been approved by all the railroads and work is progressing.
    - b. We will resume discussions with the railroads when viaduct demolition and river gateway plans are further developed.
  10. Environmental Mitigation: Historic
    - a. The text of the book will be revised and the next draft will be submitted for our review in late October.

11. Technical Advisory Committee

- a. The next Technical Advisory Committee (TAC) is being planned in conjunction with Caltrans Type Selection Report review comments.

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. Construction is now shown to be complete by end of 2018.

14. Outreach

- a. The next public outreach meeting will be held after reviewing the cost estimates of the 35% design and after presenting design revisions to DAAC. Meeting will likely be in January.
- b. Continuing to manage project website and social media.
- c. We will meet with CD 14 staff to discuss outreach efforts.
- d. I made a presentation on the project to the Central City East Association on 9/26

**SIXTH STREET VIADUCT REPLACEMENT PROJECT**

**PROGRAM MANAGEMENT CONSULTANT REPORT**

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

Date           October 15, 2013

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. Reviewed 3W Certification with Caltrans and the City and submitted revised version to Caltrans.
2. Obtained Caltrans approval of Specific Authorization requests for 11 DWP utility relocation packages. Prepared and issued Notice to Owner letters.
3. Met with FHWA and Caltrans regarding requirements and protocols for authorization of funding for each construction package.
4. Remaining Phase 2 task authorizations are under consideration or in process.

**Schedule and Budget:**

1. The Project Schedule, adopted at the Executive Team Meeting on May 21<sup>st</sup>, remains substantially the same, with only minor adjustments.
2. The Baseline Budget, adopted at the Executive Team meeting on May 21<sup>st</sup>, has not changed. Anticipated adjustments to shift funding from Construction to the Design Phase for the CMGC preconstruction services and a minor budget adjustment to match Caltrans program numbers are forthcoming.
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 CMGC contract award, right-of-way acquisition, railroad right-of-entry permits and utility relocations.
  - b. Award of the CMGC contract is expected in late October. The CMGC has engaged as an active team member, working with the Design Consultant and both are focused on the development of the 35% design, which is scheduled for October 17, 2013.
  - c. Four full property acquisitions have been completed ahead of schedule. However, negotiations on 8 properties have reached an impasse, and the City is initiating the condemnation process. This will extend the acquisition process by about 4 months, but does not affect the critical path for the Project.
  - d. The identification of utility conflicts associated with the new viaduct design will continue until the 35% design submittal (expected October 2013). 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.
  - e. Right-of-entry permits for access to railroad properties have been submitted to all five railroad agencies and four have been approved. This will allow 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 property in August. Access to three additional railroads was granted in October. Approval by Amtrak continues to be delayed, due to slow responsiveness by Amtrak, but is anticipated in November.

**Construction Manager/General Contractor:**

1. Received and reviewed the City's Skanska Stacy and Witbeck JV Audit Report.
2. Provided ongoing support as the City finalizes the CMGC contract and Board report.

**Right-of-Way: Acquisition Support**

1. Accomplishments in the last month:
  - Reviewed 3W Right-of-Way Certification package with Caltrans at September 25<sup>th</sup> meeting, revised per comments from Caltrans and the City and resubmitted to Caltrans.
  - Appraisals for the majority of partial acquisition parcels have been completed and submitted to the City. Final descriptions are needed for the remaining parcels to complete all the appraisals.
  - A parcel closed escrow during this reporting period. A total of four full acquisition properties closed to date.
2. Issues needing attention:
  - Need final legal descriptions & plats from City for all remaining partial acquisitions.
  - Need to determine all property rights to the parcels in the vicinity of the River Gateway facilities.
  - SIX investigating a parcel for partial acquisition and possibly cut and reface of existing building.

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

1. Accomplishments in the last month:
  - Met with Caltrans on October 3<sup>rd</sup> to review Specific Authorizations for Lines 3 (temporary), 4, 54, 56, 70, 74, 76, 79, 83, 88, and 89. Caltrans approved all during meeting. Notice to Owner letters prepared and issued..
2. Issues needing attention:
  - Resolution on viaduct foundation design footprint, to allow final review of potential underground utility conflicts.

**Right-of-Way: BSS Relocation**

1. Submitted revised TOS, preliminary programming document and solicitation letters to SIX to procure consultant services for design of the new BSS facility at 850 N. Mission.

**Railroads**

1. Received right-of-entry approvals for utility investigations, topographic survey, and geotechnical borings from BNSF, Metro, Metrolink and UPRR. Survey work was performed on UPRR property in August. Fully authorized permits have been issued and work is being scheduled for BNSF, Metro and Metrolink properties. Tracking the application for right-of-entry with Amtrak; this application has been delayed due to geotechnical boring requirements.

### **Technical Advisory Committee**

1. No activity during this period.

### **Design Reviews**

1. Coordinating and refining design review process with City and Design Consultant. Updating e2020 design review tool to improve functionality.

### **Environmental Mitigation: Historic**

1. Editing the book, next draft for review anticipated this month.
2. Gathering footage for historic video, and preparing for additional interviews.
3. Awaiting direction on design documentation task.
4. Comments/updates on Paleo Mitigation Plan and ESA Action Plan under revision to incorporate current right of way map.

### **Outreach**

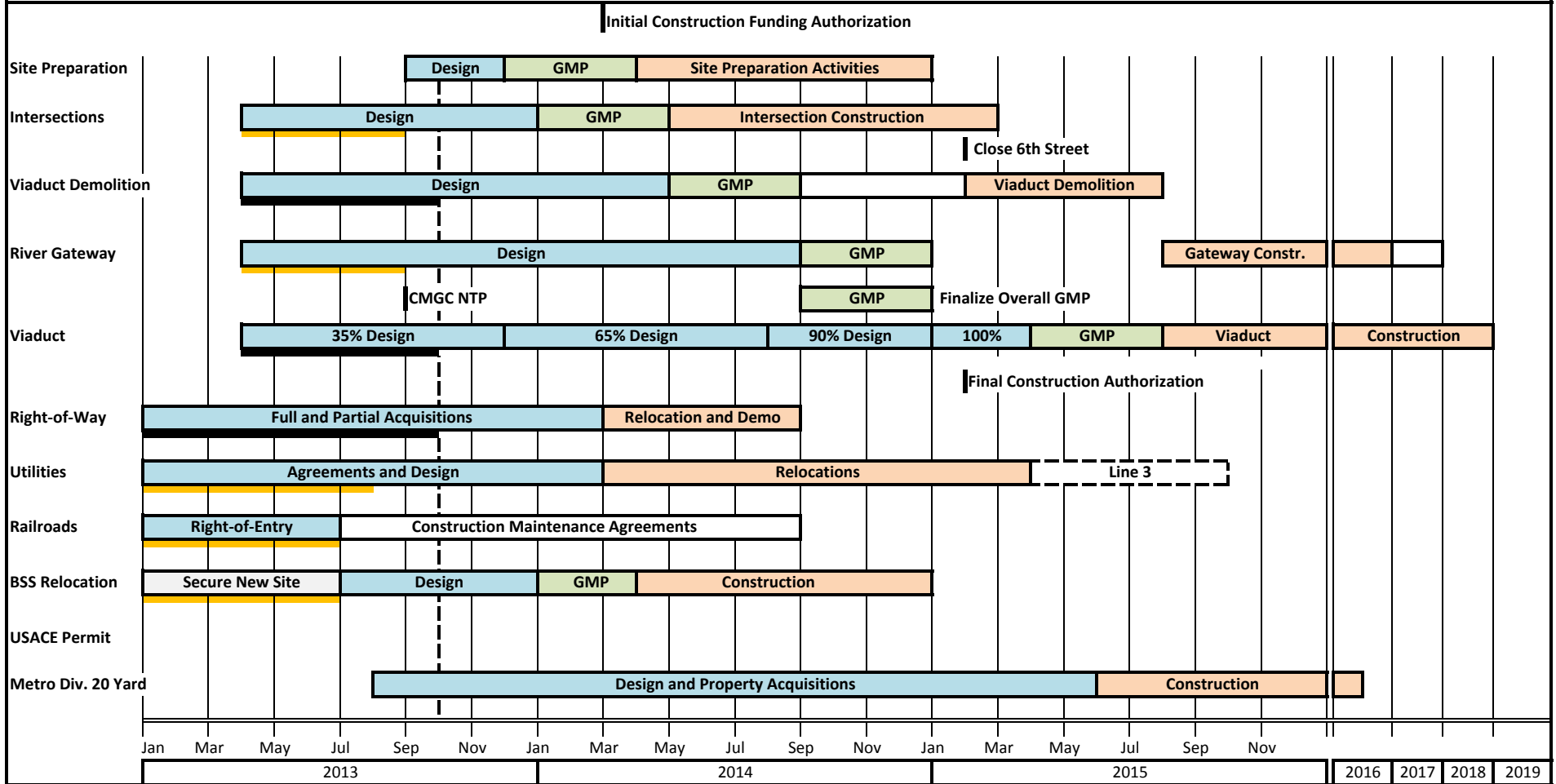
1. Awaiting comments on Q&A from public meetings, and FAQ information for posting on website.
2. Working with design team to prepare for upcoming public briefing, now anticipated for early January 2014. Conducted outreach check-in meeting with SIX staff on October 7.

## **ATTACHMENTS**

- **MASTER SCHEDULE SUMMARY**
- **ROW EARNED VALUE CHART**
- **TOTAL PROJECT EARNED VALUE CHART**

**Sixth Street Viaduct Replacement Project Master Schedule**

**Revised October 10, 2013**



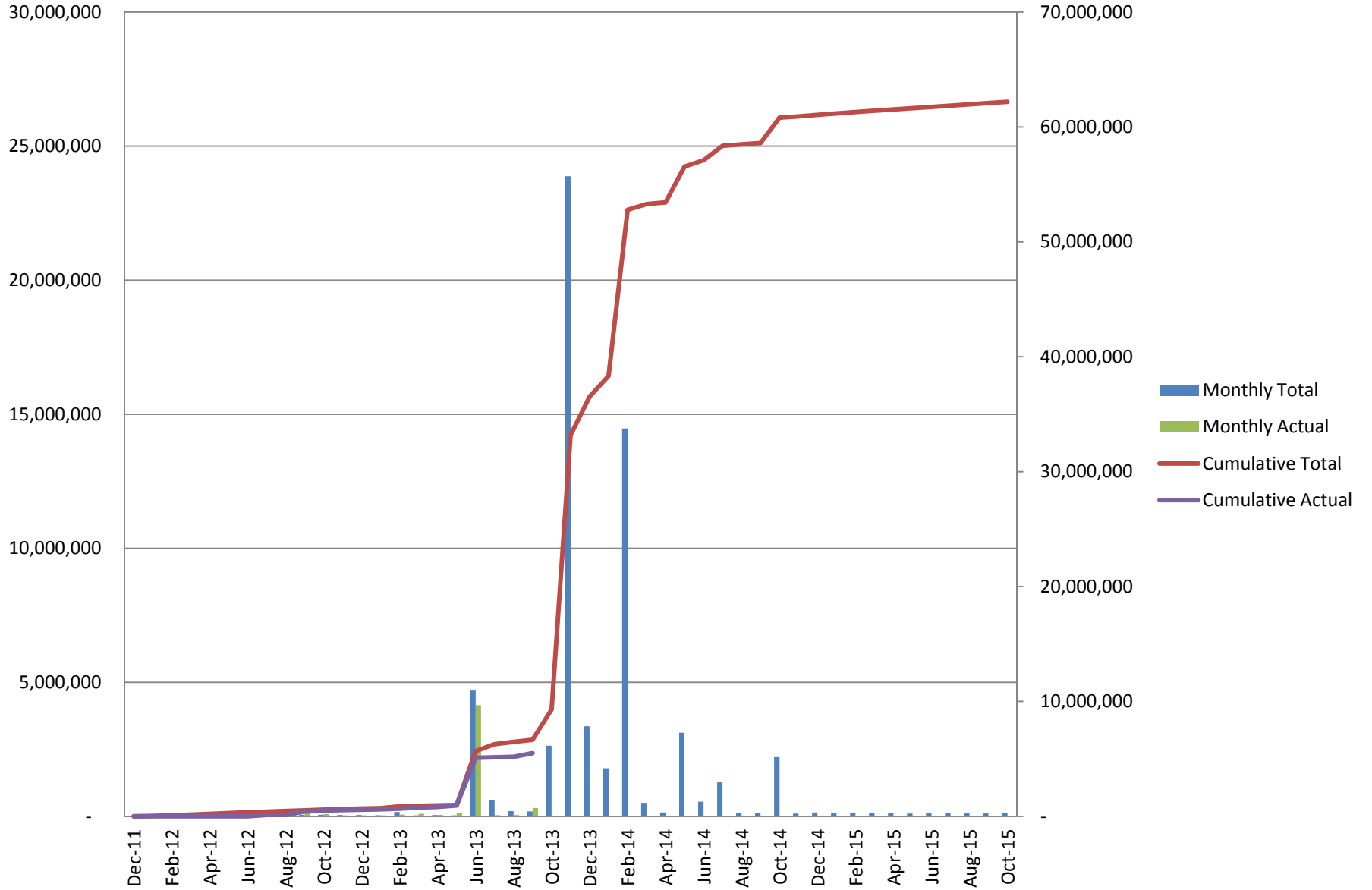
**Changes made to Master Schedule (September 13 to October 10, 2013)**

No changes to schedule content - USACE permit process and duration forthcoming

- Status Bar Legend Color Code**
- On Schedule
  - Behind Schedule
  - Ahead of Schedule

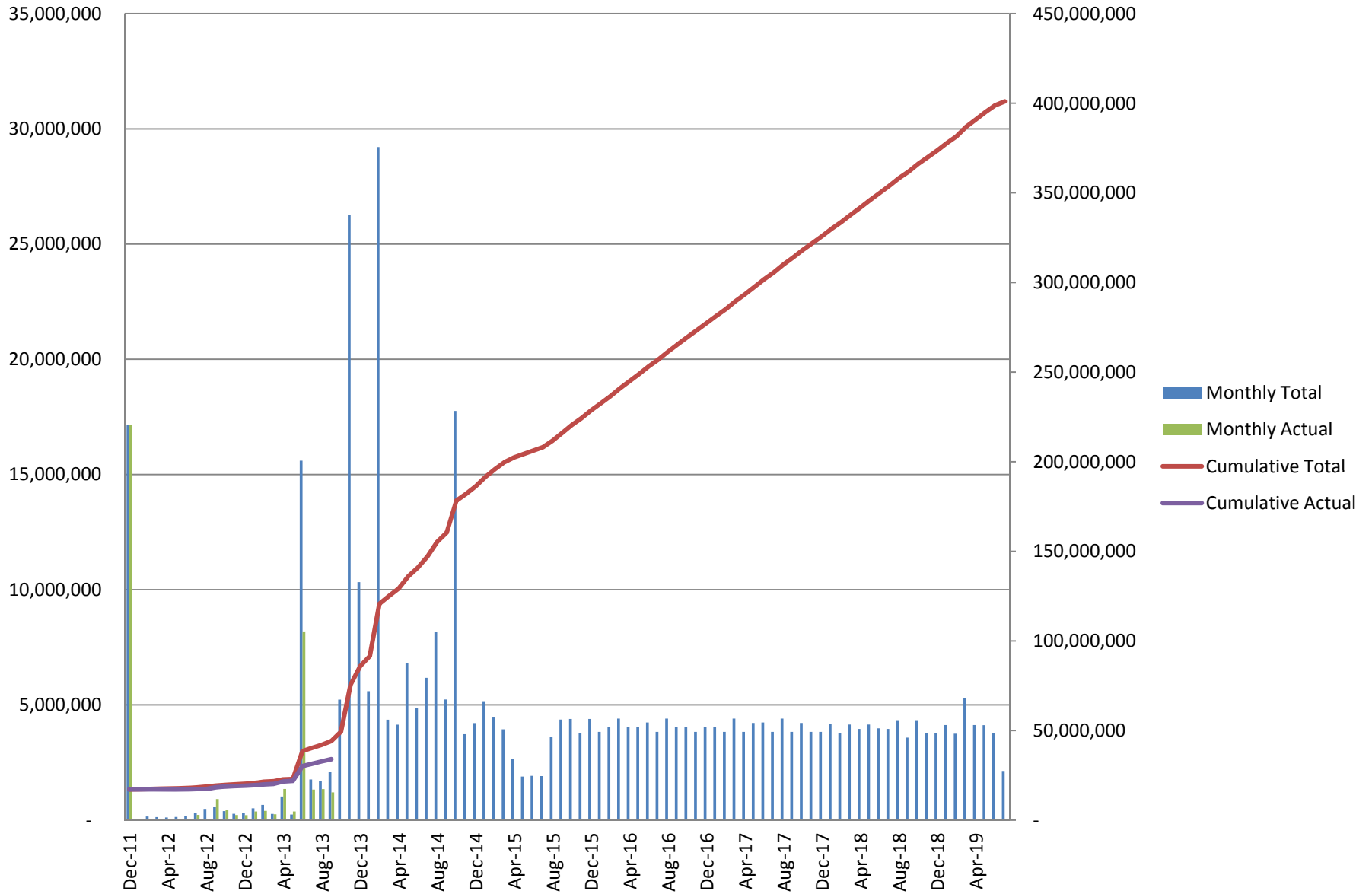
# 6th St Project - ROW - Earned Value

through September 27, 2013



# 6th Street Project - Earned Value

through September 27, 2013



# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

## **DESIGN CONSULTANT REPORT**

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

Date: October 15, 2013

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

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

**Subject:** Design Consultant: Monthly Management Report –September 17, 2013 to October 11, 2013

**Task 1 – Design Project Management**

1. Attended Caltrans PDT meeting on September 18, 2013.
2. Attended meeting with Metro on September 18, 2013 to discuss demolition and construction activities.
3. Met with Amtrak on September 19, 2013 to discuss demolition and construction activities.
4. Met with CH2M Hill to handoff on-site street improvement APS.
5. Attended meeting with SSW and PMC to discuss cost estimating format and procedures.
6. Attended Executive Meeting on September 27, 2013 to present results from September 10<sup>th</sup> and 11<sup>th</sup> Workshops.
7. Participated at Design Coordination meeting on September 30, 2013 held at HNTB's Los Angeles Office.
8. Attended Project Team meeting on October 1, 2013.

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

Preparing Viaduct Civil Design package for 35% cost estimate to be submitted October 17, 2013.

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

- 2.1.1 & 2.1.2 GAD. Continued work on the horizontal alignment, and adjusting the west end layout using the pothole data on the 230kv underground lines. Roadway Team is continuing to update the viaduct geometric plans that will be submitted to BOE and Caltrans for approval.
- 2.1.3 River Gateway. Continued worked with the SSW team to optimize the alignment of the proposed gateway and discussed structure options. Revised concept plan will be submitted on October 17, 2013.
- 2.1.4 Viaduct Demolition. Continued discussions with the SSW team on means and methods. Met with Metro and Amtrak, meetings being scheduled with BNSF and Metrolink.

Compiling preliminary design package for 35% cost estimate.



## **2.2 Conceptual Architectural Features**

Developed value engineering strategies and concepts and presented to the team.  
Developed constructability strategies and concepts and presented to the team.  
Continued highly detailed development of strategies to increase repetition of standard viaduct elements, thereby reducing construction costs. Studied configuration of River Gateway in response to CMGC's value engineering suggestions. Produced descriptive, dimensioned drawings of viaduct components to assist in cost estimating exercise.

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

- 2.3.1 The draft Type Selection Report was submitted on October 10, 2013.
- 2.3.3 & 2.3.4 Continued work on the draft Supplemental Project Report, Supplemental Fact Sheets for existing nonstandard features, and the viaduct geometric drawings.

## **2.4 35% PS&E Conceptual Accent and Roadway Lighting**

Continued work in developing Accent Lighting. The next step is to support BSL in conducting field testing of the proposed fixture and to present the accent lighting concept at the November 5, 2013 Project Team meeting. Compile package for 35% cost estimate.

## **2.5 Geotechnical**

Continued field exploration work to collect borings.

## **2.6 50% PS&E for Intersections**

Comments from LADOT were received by October 9, 2013. Comments on street positioning are still pending from Urban Forestry. Preparing response to comments. Target comment resolution meetings on October 16, 2013.

# **SIXTH STREET VIADUCT REPLACEMENT PROJECT**

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

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

Date: October 15, 2013

To: Sixth Street Viaduct Replacement Project Executive Committee

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

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

**1. PROPERTY ACQUISITION SUMMARY**

Deputy City Attorney, John Minor has completed the report to City Council regarding the condemnation of all full take properties which have received offers for just compensation, and where there has no negotiated settlement has been made. To date, there are 7 properties which RED plans to acquire through condemnation. We will continue to negotiate and remove any properties from the list if we come to terms with any of the property owners, in advance of further condemnation action.

The report City Council has been approved by the City Attorney's office, and has been delivered to the City Clerk's office for further processing and for scheduling hearings at both Public Works, and Budget and Finance committees.

An offer was presented for a property, the owner has responded with an offer to accept the City's offer subject to further negotiations on the price of the property. The City will process a 'Possession and Use' agreement, whereby the City will take possession of the property, while concurrently continuing to negotiate the price of the property. The owner will be able to withdraw the deposit amount to purchase a replacement property, and the City will have possession of the property to be able to advance the project.

Since last month one parcel has closed escrow.

**2. APPRAISAL OF PART TAKE PROPERTIES**

RED has received 5 appraisals and 5 offers of just compensation for the part-take for 5 properties. Offers will be presented next week or as soon as we can meet with owners to make offers; two part-take appraisals are pending and should be delivered to RED next week, with offers for these properties to follow.

**3. RAILROAD OWNERSHIP INVESTIGATIONS**

RED is continuing Railroad ownership investigations with queries sent to CH2M Hill for further verification of railroad ownership on the west bank of the LA river. Due to the complex ownerships in and around the future River Gateway, it is important all ownerships in the area are clearly identified and noted. Additional research has affirmed most of the ownerships as reflected in the current Right of Way map, with some modifications being required and are being completed by City Survey staff. Additional changes to the Right of Way map are anticipated on railroad properties, in order to meet both demolition and construction land use needs.



Prepared by the  
Project Management Team