



SIXTH STREET VIADUCT REPLACEMENT PROJECT

MONTHLY EXECUTIVE MEETING REPORT

MARCH 2015

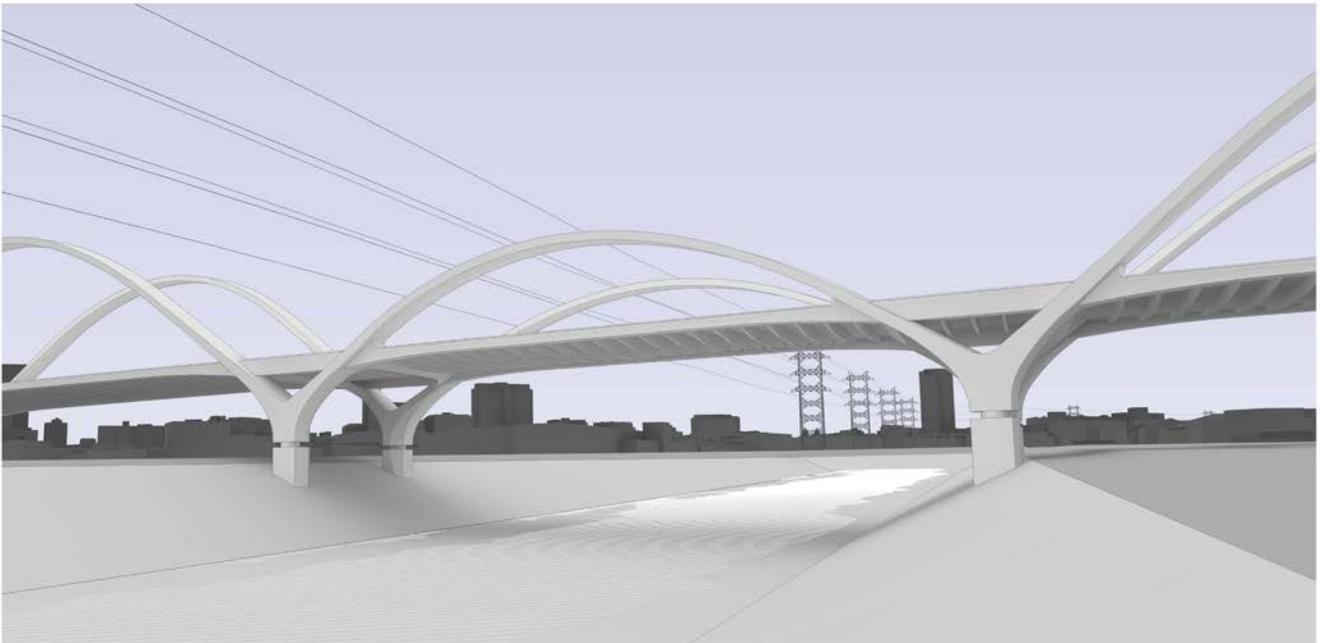


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SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROJECT MANAGER'S REPORT

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: March 17, 2015

To: Sixth Street Viaduct Replacement Project Execute Committee

From: Julie Allen, P.E.
Program Manager

Subject: Sixth Street Viaduct Replacement Project – Monthly Report

1. Program Management

- a. A Groundbreaking event was held on 2/20/15, hosted by Mayor Garcetti. The event was well attended and received positive press coverage.
- b. On 2/27/15, the Mayor's Office hosted a briefing with City General Managers and outside agencies involved in the Sixth Street Viaduct Replacement project to provide a status update and request full cooperation to ensure success of the project.
- c. On 3/3/15, we received feedback from staff at Caltrans that they will not accept a 3W Right-of-Way certification (ROW Cert) unless the Construction & Maintenance (C&M) Agreements are fully executed. It has been our plan to include a letter of concurrence and/or a right-of-entry agreement from the railroads in the 3W Certification because we don't expect to have signed C&M agreements until this summer. We are reaching out to higher level Caltrans and FHWA staff to request approval of the 3W without the C&M agreement. Discussions continue with the railroad agencies to complete the C&M agreements as soon as possible. A draft agreement was provided by Amtrak and we are scheduled to meet with BNSF on 3/24/15.
- d. On 3/4/15, we held a peer-to-peer workshop on the Construction Manager General Contractor (CMGC) process with FHWA, Colorado DOT, Utah DOT, and Caltrans to discuss best practices and lessons learned in their respective projects. We also discussed the progress and challenges in Sixth Street Viaduct project. The workshop was very informative and we received a lot of good feedback from the participants.
- e. Negotiations are in progress with the firm selected for Construction Management services for the project. A Board Report will be drafted next week to award the Task.
- f. On 2/26/15, we had a conference call with Caltrans, FHWA, HNTB, and BCA to discuss construction management and inspection roles and responsibilities during construction. A follow up meeting occurred on 3/11/15. It was explained that BCA will perform all inspection and quality assurance for the project in accordance with the City's approved Quality Assurance Program. The roles and responsibilities are assigned differently for typical Caltrans projects, so it is important that we clearly define roles and responsibilities. We will work with BCA to prepare the Quality Management Plan that outlines the roles and qualifications of the responsible staff members.
- g. The single audit for the project is still in progress. The auditors requested additional information about property acquisitions and lease payments made to the City.
- h. Review of the 65% estimates was completed on 3/6/15. Discussions are ongoing with the City, CH2MHill, HNTB, and SSW to reduce the project cost to be within budget. The revised demolition subcontractor bids were received on 3/4/15, which resulted in a cost savings of over \$1M.

2. Design Activities

- a. The 100% plans for the Viaduct Demolition were provided by HNTB on 2/23/15. Design review is in progress.
- b. A test shaft for the foundations will be installed to verify the final pile depth. The current depth of 170' requires a test shaft to be installed, or an additional 15' of length would need to be added to each pile. Additionally, data from the test shaft could be used to reduce the length of the piles. The foundation design is expected to be completed by the end of the month. The test shaft will be used as a production pile for the bike ramp structure, so the final foundation layout will be needed to install the pile. A testing plan will also be required.
- c. Hydraulic analysis was completed for the revised design of the temporary falsework piers in the channels. This information will be provided to USACE for the viaduct construction 408 permit by the end of the month.

3. Construction Packages

- a. Package 1 – Intersections: Street widening activities have commenced at Jesse Street. LADWP is relocating fire hydrants at the other intersection locations.
- b. Package B – Demo/BSS yard: The cost proposal for Package B was submitted by SSW on 3/11/15. CH2MHill is preparing the City's estimate for the work. A Board Report is being drafted to award the task, and will be finalized after the cost is negotiated.
- c. Package A – Building Demo/potholing: Building demolition is complete and potholing is in progress. Utility relocations are almost complete.

4. Department of Cultural Affairs Coordination

- a. A meeting is scheduled for 3/12/15 with Department of Cultural Affairs and CD 14 regarding the concepts that are to be provided from the Artist.

5. Right-of-Way: Real Estate – BOE-Real Estate to provide report

6. Right-of-Way: Utility Coordination

- a. Ongoing coordination is in progress related to the Request for Specific Authorization for the DWP Line 3 relocation. Caltrans has stated that they do not consider spare conduits to be eligible scope. However, spare capacity exists on the existing overhead transmission system, so it should still be considered an in-kind replacement. If the spare conduits are not eligible, funding will have to be obtained from the City or DWP to fund this scope.

7. Right-of-Way: Railroad Coordination

- a. Funding for the SCRRA (Metrolink) design service agreement was provided on 3/9/15. All other payments have been made and meetings with the railroad agencies are ongoing. This is still the critical path for obtaining the right-of-way certification for demolition.

8. Environmental Mitigation: Historic

- a. Costs were received for salvage of the arches and light poles from the existing viaduct. Each arch would cost \$300K to salvage, and the light poles/plaques would be \$18,780, not including mark-up.

9. Budget – The financial plan is being modified to incorporate comments received and revised cost information for the demolition and construction of the viaduct. A request has

been submitted to Caltrans to restore funding to the project budget for the City funding that was used for the intersection improvement work.

- 10. Schedule** – The revised Master Schedule was approved on 3/3/15. This schedule includes
 - a. Sixth Street closure date of 9/3/15 to begin demolition.

11. Outreach

- a. A meeting was held on 3/2/15 with City staff and the public outreach team to discuss recommended outreach activities as we move into the construction phase of the project. The website was updated with current schedule and status data, a revised FAQ section, and a new construction status section that will be used to provide ongoing construction photos and information to the community. Public meetings will be scheduled, as appropriate, to provide additional information.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROGRAM MANAGEMENT CONSULTANT REPORT

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

Date March 17, 2015

To: Julie Allen, 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. Prepared new Baseline Schedule, incorporating updates for all aspects of the project.

Schedule and Budget:

1. The Baseline Schedule has been revised and summarizes the most current design, construction, right-of-way and permit acquisition schedule input. Several dates and durations for upfront activities have been adjusted to reflect recent delays, but the completion date for the new viaduct remains unchanged.
2. The Baseline Budget dated May 21, 2013 has not changed. Caltrans has approved the additional Right-of-Way funding.
3. General schedule observations:
 - a. The critical path continues to be through the design and construction process for the new viaduct. Other activities which could delay the start of demolition include securing railroad construction and maintenance agreements, regulatory permits and the utility relocations necessary to clear the construction zone.
 - b. Thirteen property acquisitions have been completed. Negotiations with 8 properties reached an impasse, and the City initiated condemnation proceedings to secure possession.

Right-of-Way: Acquisition Support

1. Continued negotiations with several property owners for full and/or partial acquisitions and temporary construction easements (TCEs).
2. No parcels closed escrow during this reporting period. A total of nine full acquisition properties have closed escrow. 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.

Railroads

1. Prepared updated design services agreements with Metrolink. Agreement should be finalized soon following submission of payment from the City this week.

2. Working with Metro to develop draft design service agreement language. Resubmitted agreement to Metro for final review and signatures.
3. Met with City and CMGC weekly to coordinate railroad communication activities.

Technical Advisory Committee

1. Awaiting additional information from Design Consultant for use by TAC in preparing their final review comments.

Risk Management

1. No activity during this period.

Design Reviews

1. Completed 65% Viaduct Plans review in January. Received responses to review comments from Design Consultant and met with Design Consultant to review.

Independent Cost Estimates

1. Performed analysis of 90% Demolition Package to determine options for cost reductions.
2. 90% Demolition Package estimate updated with new subcontractor pricing.
3. Developed 65% Viaduct estimate and conducted two revisions over the past month following analysis to determine options for cost reductions.
4. Met with CMGC to review construction cost estimate history from 35% through current estimates.
5. Met with City, Design Consultant, and CMGC to discuss 65% viaduct constructability, value engineering opportunities, and confirmation of funding sources of the viaduct components.

Caltrans/FHWA Coordination

1. Prepared for and facilitated PDT meeting with Caltrans and FHWA on February 18.
2. Participated in meeting with Caltrans and FHWA on February 26 to clarify construction phase roles and responsibilities.

Financial Plan Update

1. No activity during this period. Awaiting review comments from FHWA.

Bid Support for the Construction Phase

1. No activity.

Environmental Mitigation: Historic

1. No activity.

Outreach

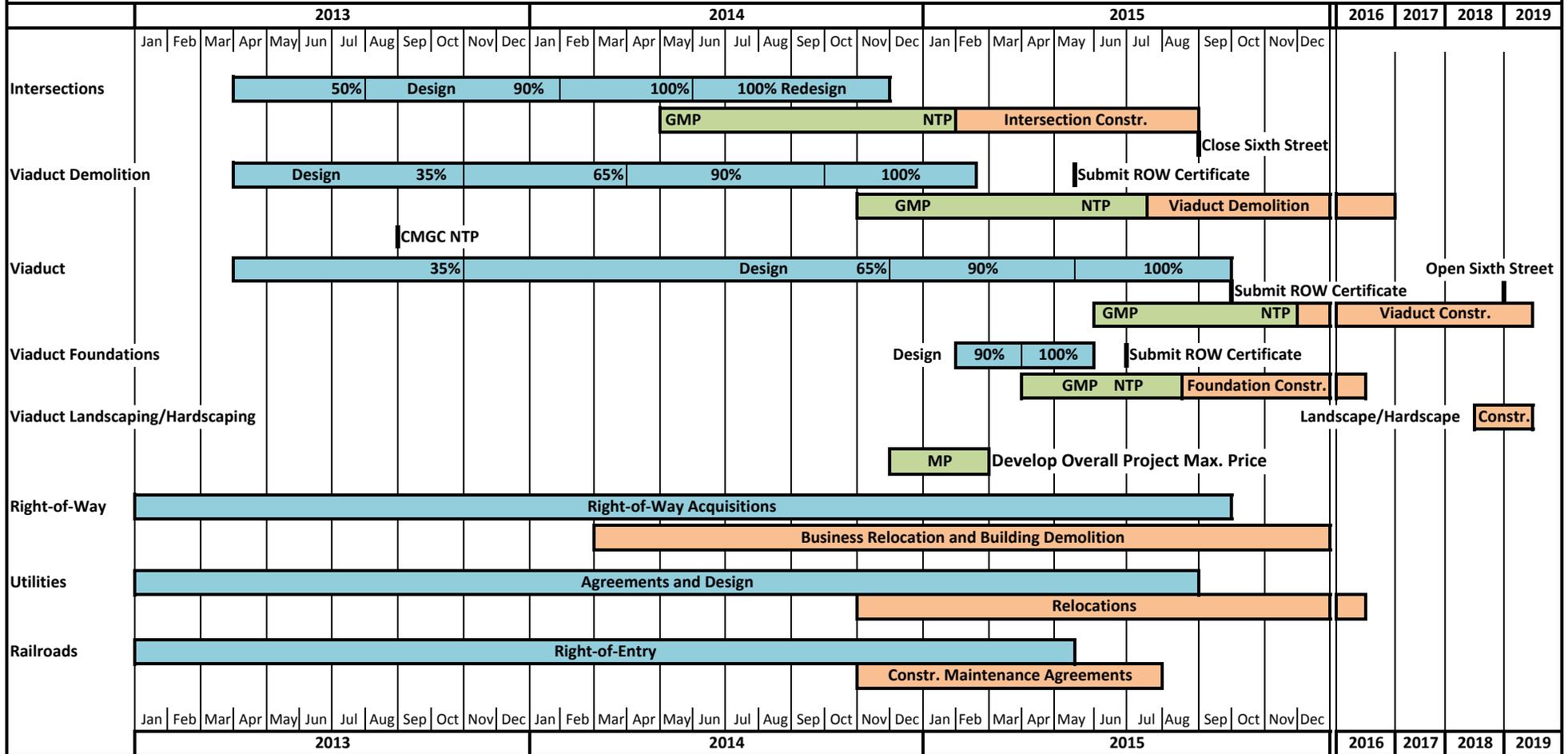
1. Conducted bi-weekly meeting with Contractor.
2. Prepared, facilitated and document Groundbreaking Event on February 20.
3. Conducted monthly update meeting with CD-14 staff and Design Consultant.

ATTACHMENT

- **MASTER SCHEDULE SUMMARY**

Sixth Street Viaduct Replacement Project Master Schedule

Approved March 3, 2015



SIXTH STREET VIADUCT REPLACEMENT PROJECT

DESIGN CONSULTANT REPORT

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

Date: March 17, 2015

To: Julie Allen, P.E.
SIX Division Manager

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

Subject: Design Consultant: Monthly Management Report – February 10, 2015 to March 10, 2015

Task 1 – Design Project Management

1. Attended Monthly Executive Meeting on February 17
2. Attended Monthly Program Management Meeting on March 2
3. Attended Monthly PDT Meeting at Caltrans on February 18

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

2.3 Type Selection Report and Update Caltrans Project Report

2.3.1 Compiling response to TAC review comments.

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.

The supplemental Project Report will not be approved until the environmental revalidation has been prepared and approved by Caltrans. Preparation and approval schedule being developed.

2.4 Geotechnical

Submitted response to the draft foundations report review comments from Caltrans.

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

3.1.1 65% Civil PS&E

Submitted response to 65% viaduct package plans review comments. Submitted Engineer's Estimate and attended cost estimate meeting with CH and SSW on February 18.

3.1.2 65% Traffic/TMP PS&E

Submitted response to the 65% viaduct package traffic handling plan comments.

3.2.1 65% Structural PS&E

Continued developing the bicycle ramps and stairs design. Submitted response to 65% viaduct design review comments.

3.2.2. 65% Architectural PS&E

Provided updated renderings and viaduct model for Groundbreaking Ceremony on Feb 20th. Deck rail mesh type finalized. Performed value engineering revisions to stair rail. Further developed ramp and stair rail lighting design. Further developed West Approach design including railing and barrier configuration around expansion joint and lighting design for the area.

3.2.5 65% Roadway Lighting

Continued developing the barrier-mounted lighting and accent lighting design. Coordinating with SSW on the barrier-mounted lighting details in preparation for the mock up.

3.3.1 65% Hydraulics Report

Preparing hydraulic models for the temporary conditions. Coordinating with SSW on the temporary channel access and construction sequence for the hydraulic modeling conditions.

3.4 Permits

Continued coordination with the California Regional Water Quality Control Board on the 401 certification. Submitted to the California Fish and Wildlife the Section 1602 application package. The USACE will issue a Letter of No Objection for the viaduct demolition in lieu of a 408 permit; the 404 permit is expected to be approved shortly afterwards. Preparing the 404 and 408 permit application for the viaduct construction.

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

Continue preparing the 90% viaduct design. The existing viaduct's street lighting demolition plans have been approved by BSL.

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

Preparing the 100% demolition package.

Task 7 – Design Support Services During Construction

Reviewing contractor submittals and RFI's related to the intersections package.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT

Date: March 17, 2015

To: Julie Allen, P.E.
SIX Division Manager

From: Lawrence Damore, P.E.
Project Manager

Subject: **CMGC Report – February 14, 2015 through March 13, 2015**

1. Estimates and GMP Development

- a. We received 6 responsive bids for the viaduct demolition work. We have selected Silverado Construction to perform the work. Our updated price for the entire demolition package plus provisional sums to capture hazardous removals has been submitted.
- b. Our estimate for the 65% level new viaduct package is complete. Our price with contingency has been provided in the package.
- c. The task order solicitation documents for Task Order B were submitted to you on March 11. The price plus allowances were included in submittal.

2. Constructability

- a. We continued to provide input to the civil, structural and architectural design teams.
- b. We have completed work on the mock-up of a typical Y bent section at our Riverside facility.
- c. A mockup for the barrier rail will also be constructed in the near future.

3. Utility Relocation Coordination

- a. We have concurrence from Caltrans/FHWA on the relocation of conflict #3 for boring under the tracks and channel. However, they have determined that spare conduits are ineligible for HBP funds.
- b. The underground work for the overhead lines at Clarence is completed. LADWP has installed the cabling. The AT&T lines at Clarence are completely relocated.
- c. Work on the relocation work at Mission will begin soon after we receive NTP for Task Order B.
- d. The relocation work for the communication lines at Anderson should begin within 30 days.

4. Railroad Coordination

- a. Coordination meetings are ongoing. The progress of the railroad agreements continues to need significant attention so as not to impact the project schedule. A meeting with BNSF is scheduled for 3/24.

5. Right of Way

- a. During the last month the businesses at two parcels have vacated.
- b. The acquisition situation continues to improve.
 - i. The PW board approved a plan to shut down Willow Street between Mission and Anderson during construction. An agreement with the adjacent business can now be completed.
 - ii. We expect that one parcel will be vacated within the next 30 days.
 - iii. We should have two other parcels vacated by mid-July
 - iv. Pending court dates for two parcels should resolve those

6. Quality and Safety

- a. Task Order A work is complete except for potholing. No incidents to date. The Task Order 1 work got started on March 9th.

7. Outreach

- a. We continue to keep the local businesses informed of our work through door to door visits, e-mails and phone calls. We ensured that the businesses that may have been impacted by the closure of Willow Street were properly informed.
- b. Film LA will now send us filming requests in the work zone. This will allow us to accommodate both the industry and our schedules.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

RIGHT-OF-WAY REPORT

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

Date: March 17, 2015

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

37 parcels require acquisition, 10 of those properties are railroad properties.

The City has closed escrow on nine full take properties. Eight properties are now vacant and are ready for demolition and/or use as laydown area. Buildings at two parcels have been demolished. Another parcel is now vacant and the condemnation case is going to trial for the determination of just compensation for that acquisition.

Four TCE's (Temporary Construction Easements) have been acquired. Pre-judgment possession of two parcels has been granted by the judge hearing these two cases. RED is continuing to negotiate with the owners to try and avoid further court action.

Negotiations for two other parcels are continuing. A purchase contract for the owners to sign has been presented the owners. The Board of Public Works has adopted the Board Report which authorizes a 4 year closure of Willow St. between Anderson St. and Mission Rd. Work on the fencing to close Willow St., will begin when the owner signs the purchase contract, so that the adjacent business will be able to park its trucks overnight in a secure location. Currently, the trucks are parked in the area at another parcel. Finding adequate replacement parking has been critical to negotiations for the acquisition of two parcels. With the adoption of the Board Report, signatures on the purchase contract are anticipated this week.

Three parcels are all owned by the same party. The owner of these parcels has signed a Right of Entry (ROE) for all three sites. BOE needs the ROE to Certify the Project for the Demolition Phase of the Project.

13 parcels are currently in some phase of the condemnation process. All needed parcels, except for the 10 rail road parcels, are now either in the condemnation process or have been acquired.

A Grant of Right is being prepared for LA DWP to enable the relocation of DWP's high voltage Line 3. The new location of Line 3 will be underneath the LA River Channel and two rail road corridors.

2. RAILROAD ACQUISITIONS

Due to modifications to the right of way limits, including temporary construction easements, new legal descriptions and plats were prepared by BOE Survey Division. Purchase offers for permanent aerial easements have been sent to all of the impacted railroad companies. Appraisals for the TCE's will be completed by RED staff appraiser so as to present offers for the TCE's to the railroads as soon as possible.



Prepared by the
Project Management Team