



SIXTH STREET VIADUCT REPLACEMENT PROJECT

MONTHLY EXECUTIVE MEETING REPORT

APRIL 2014



TABLE OF CONTENTS

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

SIXTH STREET VIADUCT REPLACEMENT PROJECT

PROJECT MANAGER'S REPORT

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: April 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. We've held a series of meetings with HNTB, Michael Maltzan Architecture, CH2M Hill and SSW to discuss options to regain some of the architectural design intent of the new viaduct, which was lost during the effort to reduce the cost of the 35% design.
- b. We've been working on updating the project budget as well as schedule. This info will be used for the briefing with the Mayor's Office to be held on 4/16.
- c. On 4/8, we submitted the revised Financial Plan to Caltrans and FHWA for their second review.
- d. We are working to secure ROW and Utility Certifications for the Offsite Intersections package before we can submit the Construction RFA. In order to begin construction phase this July, we need to secure the Construction RFA by the end of May prior to seeking Board approval to issue a Construction Task Order.
- e. The Mayor's Office approved the travel request for Alfred Mata and Uriel Jimenez to travel to Sacramento on 4/24 to meet with HQ staff regarding the revised Exhibit 6D package requesting an additional \$18.3 million in Right-of-Way Phase funding. Caltrans HQ staff confirmed this item is on the meeting agenda.
- f. The condemnation ordinance adopted by City Council on 3/19 was approved by the Mayor and will be effective on 5/7. The City Attorney is preparing the documents needed to file with the court for the condemnation of these properties.
- g. HNTB 65% design is still targeted for mid-September completion.
- h. NTP for isolation bearing testing is being issued to HNTB for implementation.

2. Design Consultant Activities:

- a. Design review comment resolution meetings with BOE-Streets, CH2M, LADOT and BSL for the 90% Offsite Intersections package are on-going. These should be wrapped up next week so HNTB can proceed with finalizing the design.
- b. For the Type Selection process approval, HNTB prepared and submitted the final General Plan of the viaduct structure to Caltrans for their approval.
- c. We sent a letter to the USACE to initiate the permit approval process and to summarize our meeting discussions with them last month. We also provided them with all the requested items. Our next key step is to provide USACE with how the temporary supports and falsework in the river would impact the hydraulics. SSW is preparing the falsework support bents in the river concept.
- d. 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. DWP advised that they use 3" conduit for fiber optic installations. Because the bridge deck is so slender, and space is needed for conduits for lighting and drainage pipes, there doesn't appear to be space for a fiber optic conduit. HNTB is further studying if a fiber optic conduit can be accommodated.

- e. In an effort to reduce costs for the River Gateway, HNTB and SSW are investigating the feasibility of jacking a box section in lieu of the traditional cut and cover method. However, there are concerns of the potential for settlement, which would impact the railroad tracks. They should conclude this investigation in April and proceed with the River Gateway 35% design.
 - f. On 4/17, HNTB will meet BOE sewer design reviewers to go over their comments.
3. Construction Manager General Contractor (CMGC) RFP:
 - a. On 4/2, we participated on an estimating workshop with SSW, HNTB and CH2M Hill for the 90% Intersections package. SSW is will likely subcontract as much as 80% of the Offsite Intersections work; hence, cost negotiations will focus on indirect costs.
 - b. PACD is preparing the first CMGC Construction Task Order Proposal. The initial GMP is targeted for submittal by SSW by end of April.
 4. Construction Management (CM)
 - a. We are now planning to issue a TOS for CM services to the new Bridge On-Call List. We are revising the draft CM RFP into a TOS. The tentative release date is targeted for the month of May.
 - 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. The first Cultural Affairs Artist Selection Committee (ASC) meeting was held on 3/31. The next meeting will be on 4/14, where they will shortlist artists to interview. They plan to conduct the interviews and select an artist in May.
 - 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 resolved the CAO staff review issue for 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. HNTB provided “scope certain” plans (35% level) so DWP staff may proceed with relocation design for the affected power systems of onsite streets.
 - c. We initiated discussion with DWP to place a fiber optics communication line in the new bridge.
 - d. We issued a formal letter to DWP authorizing overtime for the work to be performed in relation to the power system relocations needed for our project.
 - e. 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. NTP is being issued for Phase II Site Assessment testing on for potential contamination on both railroad and several private parcels.
 - b. We will not hold further meetings with the railroads until 65% complete Viaduct Demo plans and specs have been prepared.

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 being scheduled for review.

11. Technical Advisory Committee (TAC)

- a. In discussion with Caltrans, a seismic isolation expert panel member Michael Constantinou out of New York is in process to be added to the TAC.
- b. The TAC is being requested to review the critical jump-span framing system for overall structural adequacy and seismic performance.
- c. The structure Independent Check scope and fee proposal is in preparation by MGE, a sub-consultant to HNTB. TAC will review the 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. We need to resolve the architectural design features before renderings can be developed for the next public outreach meeting. If we go forward with holding the meeting in May, we may need to focus on other elements of the project and present the updated viaduct design at a subsequent 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 April 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 and submitted Financial Plan to Caltrans for review, incorporating Caltrans review comments received on draft plan.
2. Prepared and submitted revised Exhibit 6D, incorporating Caltrans review comments received on first submittal.
3. Submitted Task Orders to address additional ROW acquisition support, design documentation and the addition of two TAC members.

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.
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 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 priorities the relocations and adjust the project construction schedule to work around the relocation efforts, where possible. Utility conflicts at several of the offsite intersections are currently being identified.
 - 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. 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 three 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. Prepared Specific Authorization for reimbursable utilities (Line 200) and prepared draft Utility Agreement.
4. Preparing claim letters for communications, oil and gas lines within project area.

Railroads

1. Preliminary engineering agreements with UPRR and BNSF authorized by City and sent to railroads. Comments received from BNSF and forwarded to City for review.
2. Confirmed engineering agreement has been established with Amtrak.
3. Coordinated meeting with Metro to discuss process for establishing an engineering agreement and construction and maintenance agreement.
4. 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. Received updated Site Access Agreement language from Amtrak and forwarded to City and Design Consultant for review.

Technical Advisory Committee

1. Coordinated the addition of a seismic isolation expert to the TAC.
2. Circulated design criteria to TAC and collected comments.
3. Scheduling conference call with TAC to review design criteria.

Risk Management

1. No activity during this period – awaiting update to Risk Register prepared by Design Consultant and Contractor.

Design Reviews

1. Reviewed 90% Intersections package, provided comments and reviewed with Design Consultant.
2. Reviewed the 50% viaduct demolition package.

Independent Cost Estimates

1. Cost estimate underway for 90% intersections package – Contractor is finalizing collection and review of subcontractor bids.

Caltrans/FHWA Coordination

1. Facilitated PDT meeting on March 19.
2. With addition of seismic isolation expert to the TAC, seeking concurrence from Caltrans that the TAC will now serve the role of a Seismic Safety Review Panel.

Bid Support for the Construction Phase

1. Prepared draft ROW/utility certification and draft Request for Authorization to City for review.

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

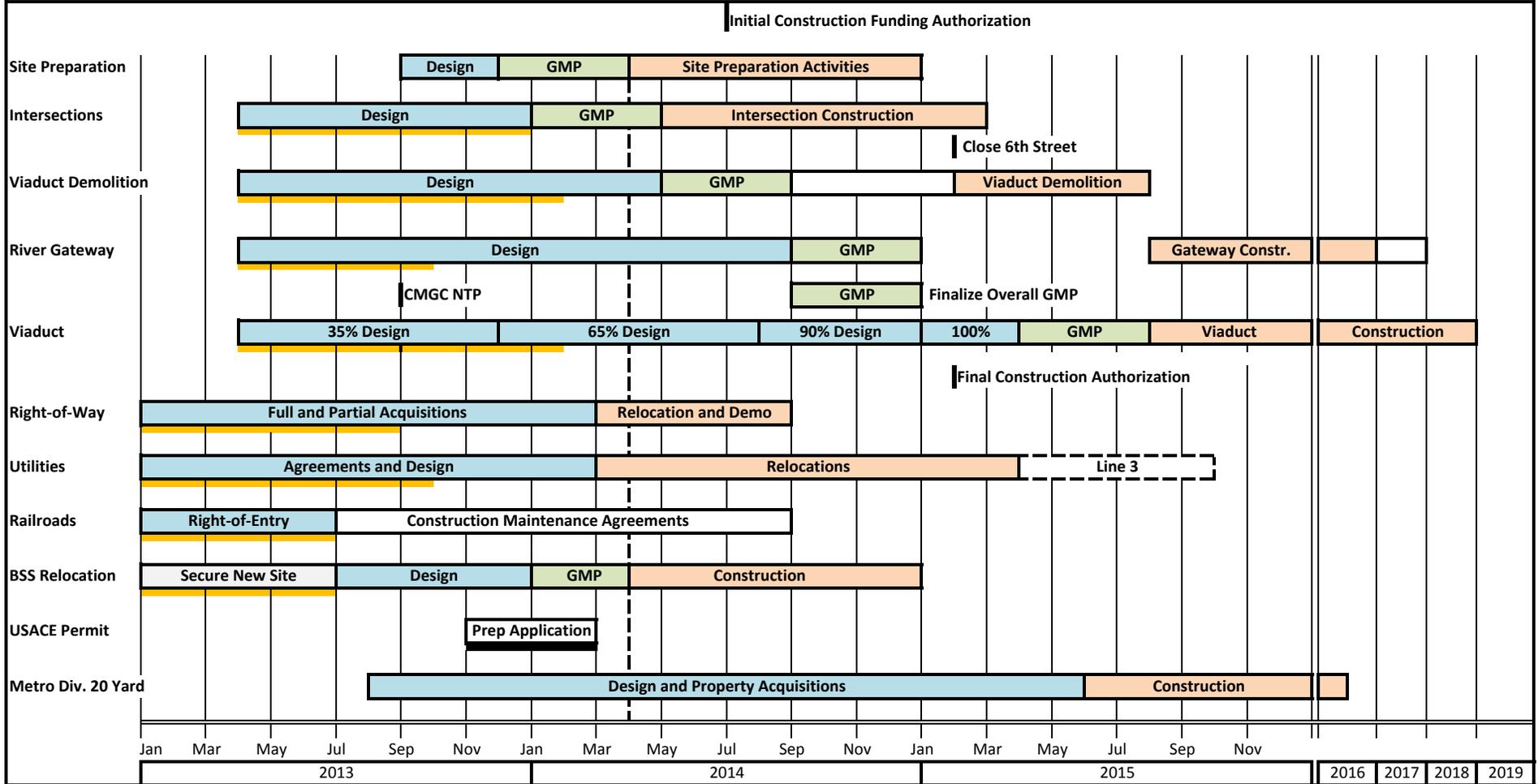
1. Planning underway for locations and date for next public briefing in May.
2. Attended briefing at Hollenbeck Palms with SIX and HNTB on 3/21.

ATTACHMENT

- **MASTER SCHEDULE SUMMARY**

Sixth Street Viaduct Replacment Project Master Schedule

Updated April 10, 2014



Updates made to Master Schedule (March 15 to April 10, 2014)

Initial Construction Authorization shifted to July

- 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: April 15, 2014

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

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

Subject: Design Consultant: Monthly Management Report – March 12, 2014 to April 8, 2014

Task 1 – Design Project Management

1. Attended Monthly Executive Meeting on March 18, 2014.
2. Attended Monthly Program Management Team meeting on April 1, 2014.
3. Attended Architectural Team meeting on April 3, 2014.
4. Attended Monthly Caltrans PDT meeting on March 19, 2014.
5. Attended meeting at DWP on March 27, 2014 for ongoing utility relocation coordination.

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.
- 2.1.3 River Gateway. Investigated three tunneling methods as alternative construction strategies. Discussed and shared the concepts with SSW to gauge cost differences with the open cut bridge concept.

2.2 Conceptual Architectural Features

Met with BOE, Design Build Contractor and design team to resolve design of remaining architectural features. Developed, coordinated and priced possible solutions.

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 No new activity. Awaiting review comments on the Supplemental Project Report and encroachment permit application package.

2.4 Geotechnical

Preparing 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. Submitted the pavement design report for review.

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

3.1.1 65% Civil PS&E

Prepared draft street improvement plans showing the revised limits, 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

Submitted 65% viaduct demolition plans for review on March 14, 2014.

3.2.5 65% Roadway Lighting

Revising street lighting plans for Jesse Street and new frontage road. Attended night time testing of the proposed barrier-mounted street light fixtures at the BSL yard. Continued coordination with BSL and vendor to advance the testing.

3.3.1 65% Hydraulics Report

Continued coordination with USACE on review of preliminary hydraulics report.

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

4.10 90% PS&E for Intersections

Met with reviewers to resolve review comments. Working with SIX on resolving additional utility conflicts identified in the supplemental utility research.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

CONSTRUCTION MANAGER GENERAL CONTRACTOR (CMGC) REPORT

Date: April 15, 2014

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

From: Lawrence Damore, P.E.
Construction Manager

Subject: CMGC Report – March 17 through April 11, 2014

1. Estimates and GMP Development

- a. The three teams met on April 2 to review the 90% level Off Site Intersections package estimates. At this time we have extended the period for subcontractor quotes to April 18 as we did not feel we had sufficient participation from the subcontracting community to provide the best pricing. We expect to present a GMP to you during the week of 4/21.
- b. We will provide an updated estimate for the Demolition package by early May. This estimate will be based on the 65% level plans.
- c. We continue to develop price estimates for contemplated changes to the viaduct design as necessary.

2. Constructability

- a. We continued to provide input to the design team. In the past month the effort has been focused on providing input to the architectural enhancements.
- b. We have concurred with HNTB that the alternative methods of tunneling under the west bank railroad tracks would not be feasible for the Gateway construction.

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. At this time we need to stay highly focused on conflict #'s 70 and 79 on the east side and conflict #'s 3, 4, 88, 74 on the west side. We have identified the critical activities within each of these conflicts to ensure that their relocations do not impact the overall project schedule. In future discussions with DWP, we may ask that additional resources be assigned to the actual construction work.
- b. We continue to monitor the progress of the relocation of fire hydrants for the Off Site intersection work.

4. Railroad Coordination

- a. Amtrak, Union Pacific, BNSF, and Metrolink all have agreements in place so that we can begin serious coordination efforts. Next meeting with UP on 4/21.
- b. We met with Metro on April 3. Because of some turnover, we now have new contact person for our project.

5. Right of Way

- a. Given the current state of the acquisition process, we would proceed with demolishing the buildings on four parcels shortly after ownership is transferred to the City. Follow on mobilization for demolition will depend on how quickly the remaining parcels are acquired.
- b. One property owner has moved out. Some clean up work remains. The site appears to be very secure for now. We will keep an eye out for suspicious activity.
- c. We will begin making some improvements to the mezzanine at the Spilo property as soon as the lease agreement is signed. Expect to start NLT 4/21.

6. Quality and Safety

- a. Nothing to report.

7. Outreach

- a. Nothing to report.

SIXTH STREET VIADUCT REPLACEMENT PROJECT

RIGHT-OF-WAY REPORT

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

Date: April 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. FULL TAKE ACQUISITION SUMMARY

To date, eight of sixteen full take properties have been acquired or are in escrow; up to eight of the sixteen full take acquisitions may go to condemnation.

The City Attorneys' office finalized a Report to City Council and an ordinance to condemn eight parcels. The City Council previously approved the condemnation of nine other properties. A notification of the public hearing in regards to condemnation of the above parcels was sent to all affected property owners. The City Council approved the ordinance and Resolution of Necessity on March 19, 2014. RED will work with the City Attorneys' office to file condemnation cases on May 7, 2014, for any parcels we have not acquired through RED's continuing negotiations with the affected property owners.

RED has been able to obtain settlement agreements on two parcels, therefore no condemnation case will be filed for those parcels. RED will continue to negotiate with the owners of the above mentioned properties in advance of further condemnation action.

Negotiations for two other parcels are continuing. An updated offer will be presented to the owner on the week of the 14th.

Escrow for Spilo parcel has been opened, and RED expects to close escrow by early April. After close of escrow Spilo will continue to occupy the subject property (589 S. Santa Fe St.) but is aware Spilo must vacate by October 15, 2014. Spilo will allow the City to have early access to 585 S. Santa Fe St. (Leased Building), which the City will rent from Spilo for four years with an option to extend for one more year, if needed.

The Leased Building will be used by the City as a construction site office, as secured storage for building materials, and as parking for consultant and City staff for the duration of the construction phase of this project. Rental terms for the Leased building included in the Right-of-Way contract signed by Spilo and the City for acquisition of the Spilo property at 589 S. Santa Fe St. RED expects to have a fully executed Lease Agreement for the northern portion of Spilo's property within the next week.

Negotiations with owners of one parcel are ongoing. RED expects to reach a settlement with this owner in the next week. No condemnation action is anticipated for the acquisition of this parcel.

RED staff has briefed a PW Commissioner Szabo, on Board Reports to obtain authority to request funds for the acquisition of two parcels. RED expects these two Board Reports to be on the BPW agenda within the next week.

A Phase II environmental assessment is in process for one parcel.

2. PART TAKE ACQUISITION SUMMARY

Of ten part-take properties, three have been acquired; five may go condemnation; and two under negotiations. Of the two that are under negotiations and one may be removed from the project pending utility relocation needs.

Five parcels were included in the Report to City Council mentioned above. Two TC parcels have signed an acquisition agreement and will not require condemnation to acquire.

Negotiations for all of the part-take properties are continuing, however if no settlements are reached, the City Attorney's office is prepared to file condemnation actions for acquisition. The property owners' concerns regarding the demolition and construction plans of the project have made the negotiations difficult.

3. RAILROAD OWNERSHIP INVESTIGATIONS

Two parcels have been added to the recently revised Right-of-Way Map

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.



Prepared by the
Project Management Team