

**Construction Manager:** Hugo Mejia  
 Design & Construction Manager

**Project Director:** Joe Cazares  
 Director of Design & Construction

**PCM:** John C. Lee  
 Design-Build Oversight Manager

**Regional Director:** Diana Gomez  
 Central Valley Regional Director

**Design-Builder:** TUTOR PERINI/ZACHRY/PARSONS JV

Milestones	
RFQ Date:	11/15/2011
SOQ Date:	12/19/2011
RFP Date:	3/22/2012
Proposal:	1/18/2013
Bid Open Date:	4/13/2013
Award Date:	8/16/2013
NTP 1 Date:	10/15/2013
NTP 2 Date:	11/22/2013
NTP 3 Date:	7/11/2014
Original Completion Date:	3/31/2018
Current Completion Date:	8/31/2019

Contract Status	
Fixed Bid Price:	969,988,000.00
Provisional Sums:	53,000,000.00
Original Contract Price:	1,022,988,000.00
Executed Change Orders:	233,232,411.19
Current Contract Amount:	1,256,220,411.19
Approved Invoices to Date:	279,771,585.26
Remaining Contract Balance:	976,448,825.93

Contract Time Status	
Original Contract Days (Calendar Days):	1,628
CO Days:	518
Days Worked (thru 06/30/2016):	989

Contingency Status	
Original Contingency Amount:	160,000,000.00
CHSRA Adds/Deducts to Contingency:	0.00
*Executed Change Orders:	79,342,415.08
Current Contingency Balance:	80,657,584.92

Expended to Date (Contract %'s)	
Time:	46.1%
Dollars:	22.3%

Budget Status	
Original Contract Amount:	1,022,988,000.00
Original Contingency Amount:	160,000,000.00
Original Budget Allotment:	1,182,988,000.00
CHSRA Adds/Deducts to Contingency:	0.00
Budget Transfers (Adds/Deducts):	153,889,996.11
Current Budget Allotment:	1,336,877,996.11

Growth %	
% Time Growth:	31.8%
% Dollars Growth:	22.8%

\*Contingency funded change orders only

## Major Scheduled Activities Planned/Ongoing

- Continue design work (ongoing)
- Design engineering for utility relocations, including recently directed design for Excluded 3<sup>rd</sup> Party facilities (ongoing)
- Hazmat abatement and demolition of structures on recently acquired parcels (ongoing)
- Fresno River Viaduct
  - Continued falsework erection between spans 1 to 6 (ongoing)
  - Start reinforcement and concrete placement for the upper deck slab at spans 2 to 6 (planned)
  - Continued construction of abutment 18 (ongoing)
  - Stripping/removal of falsework on completed spans 7-10 and 14-16 (ongoing)
- Downtown Fresno Trench
  - Contractor anticipates beginning installation of the structural secant piles and intrusion barrier piles (planned)
- Cottonwood Creek
  - Start construction of abutment and pier caps (ongoing)
- San Joaquin River Viaduct
  - Continued clearing & grubbing and fabrication of reinforcement pile cages (ongoing)
- Tuolumne Street Bridge
  - Continued placement of precast deck panels and forming of overhangs (ongoing)
  - Placement of reinforcement and concrete for the intermediate diaphragms (ongoing)
- Environmental
  - Fresno Ancillary Utilities re-examination will be conducted by TPZP to capture any remaining utility corridors not captured under subsequent re-exams (ongoing)
  - Belmont Subway Technical Memorandum reviewed and sent to TPZP for comments on 6/3/2016. Submitted to PCM 6/30/2016 and currently under PCM review (ongoing).
  - CP1 North Extension Re-examination Phase II PCM draft completed and under PCM review on 6/29/2016 (ongoing)
  - CDFW will combine the §2081 ITP Level 12+ Amendment with the CP1 North Extension ITP and sign the two in tandem. The signature date was moved an additional month to 7/21/2016 due to multiple NCR issues with the contractor that required CDFW to re-prioritize work items. (ongoing)
  - San Joaquin River Subnote returned for additional information and resubmitted to CDFW on 6/24/2016 with anticipated completion date of 7/24/2016 (ongoing)
- RFC designs in review or comment resolution for:
  - Ave 12 OC (Approved)
  - Ave 11 OC (Approved)
  - Ave 10 OC (Approved)
  - Ave 9 OC (Approved)
  - Ave 8 (ATC) OC (Approved)
  - Ave 7 (ATC) OC (Approved)
  - West McKinley OC (Approved)
  - West Olive OC (Approved)
  - Fresno River Viaduct (In Review)
  - West Herndon Ave (ATC) Underpass (In Review)
  - West Belmont Ave OC (In Review)
  - Fresno St Underpass (In Review)
  - Tulare St Underpass (In Review)
  - Wildlife Crossing (In Review)
  - MP196.1 Private Access (In Review)
  - MP178.74 Private Access (In Review)

## Key Topics

- Change Order 00099 was executed to resolve all Contract delays through December 31<sup>st</sup>, 2015. This resulted in a 17 month extension to the Contract and compensation of \$49.9M for delay-related impacts. Upon submission and approval of TPZP's revised baseline schedule, a subsequent Change Order will be executed (\$13.612M) to compensate for 7 months of acceleration negotiated as part of Change Order 00099.
- The Authority prepared a detailed evaluation of the necessary relocations and utility coordination needed for originally excluded PG&E and AT&T work. The scope to the existing Contract will be increased for the originally excluded and additional relocations that were not originally identified, and to implement the management process that was originally contemplated. Additional funds will be required. (ongoing)
- Large quantities of items have been identified by the Contractor as not available per "Buy America" for PG&E on both gas and electric items. Present list is over 100 items that will be submitted to the Federal Rail Authority (FRA) for consideration as a waiver.
- Contractor needs to complete design to start construction at critical locations (approved ready-for-construction plans).
- Parcel acquisition is behind the dates specified in the Right-of-Way Acquisition Plan and continues to be a schedule risk.
- The Authority continues to work with TPZP to start construction at other priority locations.
- TPZP has issued thirty-three (33) NCRs to date, including five (5) this reporting period. Twenty-eight (28) are resolved; five (5) remain open.
- Four (4) Authority issued NCRs are closed; one (1) remains open. None were issued during the reporting period.

- The Independent Site Engineer (ISE) issued zero (0) NCRs this period. All three (3) NCRs previously issued by ISE remain open.
- Central Valley Regional Water Quality Control Board issued a Notice of Violation to the Authority due to the Contractor not following SWPPP requirements at the North Bank Geotechnical Boring site on the San Joaquin River. PCM responded to the violation and is in the process of meeting the requirements.
- TPZP is collating information required for Level 12+ SWRCB 401 Certification and USACE 404 Permit.

### Key Work Accomplished this Period

- Fresno River Viaduct
  - Post-tensioning of completed spans 7 to 10 and 14 to 15
  - Continued falsework erection in spans 3 to 6 in the river bed
  - Removed falsework from spans 8 to 10 and spans 14 to 17
  - Completed forming and pouring concrete for abutment 1 footing
- Tuolumne Bridge
  - Completed abutment 7 wall
  - Completed erection of all precast girders
- Downtown Fresno Viaduct
  - Completed two (2) large diameter CIDH piles
  - Completed fabrication of seven (7) column cages
- Cottonwood Creek Bridge
  - Completed abutment and pier CIDH piles
  - Started pile caps at abutments 1 and 6
- Environmental
  - CP1 North Extension Re-examination Ave 17 and Road 27 permitting submitted to agencies on 5/2/2016. PCM Environmental wrote and submitted the draft BO which was approved by the USFWS on 6/9/2016.
  - San Joaquin River Subnotification submitted to CDFW with anticipated completion date of 7/24/2016.
- ROW and Demo/Abatement
  - Transferred five (5) parcels in 1A/1B, one (1) parcel in 1C, and two (2) parcels in 1D (North Extension) to TPZP authorizing access to the property.
  - Eighty-five (85) structures have been remediated, one (1) is undergoing remediation, eighty-two (82) have been demolished, and two (2) demolitions are in process.
- Thirteen (13) design submittals received an Approved (APP), one (1) design submittal received a Statement of No Objection, and two (2) submittals received a Statement of No Objection with Comments. Twelve (12) design submittals remain in review.

### Safety

- The Authority and TPZP continue to conduct joint weekly safety and security site visits to observe and report on the conditions of the parcels and work taking place.
- The Contractor reported one (1) incident of injury, zero (0) security, and one (1) property damage during this reporting period. The injury consisted of a first aid only facial laceration.
- CAL/OSHA conducted a permit inspection of the Tuolumne Bridge and Downtown Fresno viaduct structures on 6/22/2016. Potential minor citations for heat illness prevention and portable toilets pending.

### 3rd Party

- Thirty-seven (37) agreements have been executed with twenty one (21) 3<sup>rd</sup> Parties, while eight (8) agreements remain outstanding with four (4) 3<sup>rd</sup> Parties. Please note that some 3<sup>rd</sup> parties require multiple agreements.
- Execution of BNSF Construction Relocation Agreement is a priority for construction
- Execution of UPRR Easement Acquisition Agreement #2 is a priority for construction
- AT&T
  - Cable splicing completed at Raymond Road
  - Started UG infrastructure installation at McKinley Avenue
  - Pre-Construction meeting held for Avenue 15, 15 ½ and 11.
  - Started underground infrastructure installation at Avenue 15
  - Continue coordinating service connections with property owners
- Burlington Northern Santa Fe Railroad (BNSF)
  - Progressing 30% design submittals
  - Submitted 30% submittals for Road 27, Avenue 17, American Avenue and Central Avenue

- Received 30% submittal comments for Avenue 15 ½
- Received Downtown Fresno Viaduct Spur Crossing 60% submittal comments.
- Quarterly BNSF/CHSRA Engineering Meeting
- Caltrans
  - Reviewed SR180 Risk Register
  - Reviewed SR180 SIQMP
  - Reviewed Caltrans Construction Submittal Requirements
  - Issued Parent Encroachment permit for SR180
  - Reviewing SR145 Final Submittal Package
  - Reviewed Herndon Avenue SR99/Herndon Avenue off ramp Fact Sheet
  - Reviewing San Joaquin River Viaduct ESOC submittal package
- County of Fresno
  - Reviewed American Avenue C&M Agreement
  - Submitted Final Submittal for American Avenue
- Fresno Metropolitan Flood Control Center
  - Reviewed Belmont Avenue Major Storm Event
  - Reviewed Major Storm Concerns along the alignment
- PG&E
  - 139 Conflicts under design
  - Received approval on 8 conflict design package/submittals
  - Started Construction on 4 conflict design package/submittals
- San Joaquin Valley Railroad
  - Discussed downtown shoofly mitigation measures with the Authority
- TW Telecom
  - Signed RFC Plans for Avenue 15 and 15 ½
  - Signed RFC Plans for Divisadero Street and Thorne Avenue
- Union Pacific Rail Road (UPRR)
  - Executed Tuolumne Avenue Construction and Maintenance Agreement
  - Finalized Easement Acquisition Agreement #2
  - Submitted Baseline submittal for Fresno Street, Tulare Street, Ventura Street
  - Submitted 60% submittal for Shaw Avenue, Fresno Trench, Jensen Trench
  - Submitted 90% submittal for Olive Avenue
  - Rejected Fresno Trench Secant Pile Work Plan