

Monthly Status Report No. MR-045 Construction Package 1 Contract: HSR 13-06

Regional Director:

Data Date: 4/30/2017 Board Meeting: Jun-17 Period: 4/1/2017 to 4/30/2017

Construction Manager: Robert Lemon

Design & Construction Manager

(Acting)

Project Director: Joe Cazares

Director of Design & Construction

PCM: John C.Lee

Design-Build Oversight Manager

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 Time Status	
Original Contract Days:	1,628
CO Days:	518
Work Days Spent	1,293
(thru 4/30/2017):	

Expended to Date (Contract %'s)		%'s)
	Time:	60.3%
С	Oollars:	41.8%

Growth %	
% Time Growth:	31.8%
% Dollars Growth:	30.9%

^{*} Contingency funded change orders only

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:	\$315,912,969.85
Current Contract Amount:	\$1,338,900,969.85
*Approved Invoices to Date:	\$559,224,652.27
Remaining Contract Balance:	\$779,676,317.58

Contingency Statu	s
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$0.00
*Executed Change Orders:	\$104,763,698.97
Current Contingency Balance:	\$55,236,301.03

Budget Status	
Original Contract Price:	\$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):	\$312,219,844.00
Current Budget Allotment:	\$1,495,207,844.00

^{***} Includes estimated value for current period



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Pending Change Orders (Estimated Total)

12 Changes – Approximately \$105M

Provisional Sums:

• Total Provisional Sums \$211,820,000*

Authorized Task Orders against Provisional Sums (-)\$ 70,329,478*
Provisional Sums Remaining Balance \$141,490,522*

Amount paid as of April 30, 2017 \$ 46,753,641*

Major Scheduled Activities Planned

- Continue design work (ongoing)
- Design engineering for utility relocations, including design for Excluded 3rd Party facilities (ongoing)
- Hazmat abatement and demolition of structures on recently acquired parcels (ongoing)
- Road 27 North Extension
 - Construction of columns and abutments (ongoing)
- Avenue 12
 - o Construction of the embankment (ongoing)
- Avenue 10
 - o Start construction of the embankment and MSE walls (planned)
- Avenue 8
 - Start construction of the overcrossing structure (planned)
- Avenue 7
 - Start construction of the overcrossing structure (planned)
 - Start drilling of bent CIDH piles and start column construction (ongoing)
- San Joaquin River Viaduct
 - o Construction of the columns for the viaduct (ongoing)
- Fresno Trench
 - o Start construction of lagging and secant piles from Belmont Ave to wyes (planned)
- Thorne Dry Creek
 - Work is suspended until after the next irrigation season
- Downtown Fresno Viaduct
 - o Construction of the columns and abutments for the structure, north of North Ave (ongoing)
- Muscat Avenue
 - Construction of abutments for the structure (ongoing)
 - o Erection of falsework for the structure (ongoing)
- RFC designs in review or comment resolution for the following (ongoing):
 - o RFC San Joaquin River Viaduct
 - o RFC Ventura HST Underpass
 - o RFC Standard Overhead Structures Pier Protection Walls (Rev 01)
 - o RFC Golden State Blvd. Underpass

Key Topics

- 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
- Requested TPZP to submit SWPPP Water Pollution Control Drawings (WPCD) showing actual BMPs in place at each site to SMARTS and reports through EMMA for Authority review
- Prepared and implemented CTS Relocation Plan, including Wildlife Exclusion Fencing, for all potential and known sensitive habitats at all construction sites
- Provided communications with Native American Monitors and TPZP to ensure compliance with all cultural measures
- Perform weekly SWPPP inspections in all active areas of the project

^{*} Includes amounts for excluded 3rd parties, Change Order is currently pending



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Key Work Accomplished/Ongoing this Period

- Road 27
 - Completed concrete placement for Abutment 5 footing and began installing steel forms and reinforcing steel for abutment wall (ongoing)
 - o Completed reinforcing steel and concrete placement for Bent 2 and Bent 4 (complete)
 - o Began excavation for footing of abutment 1 (ongoing)
 - Bent 3 columns start pending relocation of PGE OH power
- Fresno River Viaduct
 - Installed steel panel forms and poured concrete for the parapet and derailment protection wall at spans 13-17 (ongoing)
- Avenue 12
 - Started embankment construction for the HSR and BNSF structures (ongoing)
- Avenue 10
 - o Continued clearing and grubbing for site preparation (ongoing)
- Avenue 8
 - Started installation of CIDH piles behind the MSE walls (ongoing)
 - Work was stopped due to expansion of the MSE wall that was unforeseen (ongoing)
- Avenue 7
 - o Completed excavation of 24" welded steel casings (complete)
 - Continued clearing and grubbing for site preparation (ongoing)
- San Joaquin River Viaduct
 - Continued concrete placement of CIDHs, columns, and caps for various bents on the west and east side (ongoing)
 - o Installed nineteen (19) of the forty-three (43) pergola column connector pins to date (ongoing)
 - o Completed forty-nine (49) CIDH piles for the pergola structure (ongoing)
- Fresno Trench
 - o Started installation of the lagging piles south of Belmont Avenue (ongoing)
- SR 180 Top Down
 - Resumed drilling, grouting, and tensioning of tiebacks on north side of SR-180 for the temporary suspension bridge (ongoing)
 - o Continued soldier pile installation for the temporary shoring south of SR-180 (ongoing)
- Tuolumne Bridge
 - Placed concrete for the median going across Tuolumne OH (ongoing)
 - o Completed placing concrete for the moment slab on top of the west approach MSE wall (complete)
 - o Installed MSE wall and moment slabs on the east approach to the bridge (ongoing)
 - o Continued to repair and fix various locations of the barrier rail as necessary (ongoing)
 - Continued street lighting work and utility crossing ductwork (ongoing)
- Downtown Fresno Viaduct
 - Removed falsework from bents 25 to 28 (ongoing)
 - o Poured the bridge deck for spans 22 to 25 (ongoing)
 - o Began installation of steel forms for column flares at bents 17 to 19 (ongoing)
 - o Continued large CIDH piles, north of North Avenue (ongoing)
 - o Completed gas line relocation at Hardy Avenue (complete)
- Muscat Avenue
 - o Completed columns and flares for bents 2, 3, and 4 (complete)
 - Started falsework erection for bents 2 to 4 (ongoing)
 - Started with rebar and form installation for abutment 1 wall (ongoing)
 - Responded to RWQCBs inspection where BMPs were not observed as depicted on WPCD in SMARTS (complete)
 - o Issued an NCR to TPZP for failure to implement BMPs as shown in WPCDs
- ROW and Demo/Abatement
 - o Transferred six (6) parcels in 1A/1B, one (1) parcel in 1C and seven (7) parcels in 1D (North Extension) to TPZP authorizing access to the property; fourteen (14) properties were transferred this period (ongoing)
 - One hundred twenty-two (122) structures have been remediated, one (1) is undergoing remediation, one hundred seventeen (117) have been demolished and zero (0) demolition is in progress (ongoing)
- One (1) design submittal received Approval (APP), two (2) design submittals received a Statement of No Objection with Comments (SNOC) and nine (9) design submittals were Rejected with Comments (RWC). Seven (7) design submittals remain in review.