

Senior Contract Manager: John Neri

Project Director: Zouheir Farah

PCM Design-Build Oversight Manager: Mike Sheffield

Regional Director: Diana Gomez

Design-Builder: Tutor Perini/Zachry/Parsons (TPZP) JV

Milestones

Milestone	Date
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 Value

Description	Amount
Fixed Bid Price:	\$969,988,000.00
Provisional Sums:	\$53,000,000.00
Original Contract Price:	<u>\$1,022,988,000.00</u>
Executed Change Orders:	\$560,491,260.73
Current Contract Amount:	<u>\$1,583,479,260.73</u>
¹ Approved Invoices to Date:	\$957,400,118.07
Remaining Contract Balance:	<u>\$626,079,142.67</u>

Contract Time Status

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded:	518
Work Days Spent (thru 6/30/2019):	2,084

Contingency Status

Description	Amount
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
² Executed Change Orders:	\$206,246,711.69
Current Contingency Balance:	<u>\$31,053,288.31</u>

Extended to Date

Description	Percentage
Time:	97.1%
Dollars:	60.5%

Budget Status

Description	Amount
Original Contract Price:	\$1,022,988,000.00
Original Contingency Amount:	\$160,000,000.00
Original Budget Allotment:	<u>\$1,182,988,000.00</u>
³ Adds/Deducts to Provisional Sums:	\$176,820,000.00
⁴ CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
⁵ Budget Transfers (Adds/Deducts):	\$180,944,999.00
Current Budget Allotment:	<u>\$1,618,052,999.00</u>

Growth %

Description	Percentage
% Time Growth:	31.8%
% Dollars Growth:	54.8%

¹ Includes estimated earned value for the reporting period

² Contingency funded change orders only

³ Includes total provisional sums (\$204M) authorized by the Board for Excluded 3rd Parties, \$35M transferred to Contingency, and \$8M addition for Hazardous Material

⁴ Includes the Board authorization to transfer \$50.3M to contingency

⁵ Includes the Board allocation of \$27,545,155 for the pending change orders on Mar 19, 2019 (Resolution #HSRA 19-01)

Pending Change Orders (Estimated Total)

ID	Description	Amount
1	CPUC Settlement Agreement – Design Criteria Revision	\$ 0.00
2	Executed COF Utility Relocation Cooperative Agreement (Construction)	\$ 27,059,605.00
3	Herndon Avenue Alignment Changes (ATC) - Construction	\$ 25,919,272.00
4	Herndon Avenue Alignment Changes (ATC) – Construction Supplemental Cost	\$ 64,568,236.00
5	HSR CP1 - JMA Railroad Review and Consultation	\$ 88,755.50
6	PGE and ATT Facilities Relocation Provisional Sum Supplement 3	\$ 40,000,000.00
7	Revised Design Variance Request Form	\$ 0.00
8	Switch Relocation for UPRR Siding No. 729	\$ 103,090.00
9	Westside Shoofly Modifications - Construction	\$ 11,043,894.00
	Total	\$ 168,782,852.50

Original Contract Provisional Sums

Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
Utility	\$25,000,000	-\$20,000,000	\$5,000,000	\$2,293,275	\$2,054,053
Construction Contract Work	\$20,000,000	-\$15,000,000	\$5,000,000	\$4,990,650	\$4,672,317
Building Hazardous Materials	\$8,000,000	\$8,000,000	\$16,000,000	\$12,992,486	\$12,793,476
Total	\$53,000,000	-\$27,000,000	\$26,000,000	\$20,276,411	\$19,519,846

Excluded Third Party Provisional Sums

Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
AT&T	\$81,820,000	\$3,500,000	\$85,320,000	\$84,223,133 ^[2]	\$71,651,858 ^[2]
PG&E	\$77,000,000	\$41,500,000	\$118,500,000	\$116,692,283 ^[2]	\$19,703,256 ^[2]
Total	\$158,820,000^[2]	\$45,000,000^[3]	\$203,820,000	\$200,915,416	\$91,355,114

² Includes Excluded 3rd Party Provisional Sums (PG&E and AT&T) executed as Change Orders (\$66,015,406)

³ Additional \$45 million approved funding included for 3rd Party Provisional Sums

Key Topics

- Relocation of AT&T facilities at several locations is critical or near critical. Coordination is ongoing with the Contractor and AT&T to develop work-arounds and mitigate possible delays.
- Acquisition of several Right Of Way (ROW) parcels is critical or near critical. Mitigation measures are being considered with the Contractor, including obtaining rights-of-entry and optimizing utility relocation prior to parcel acquisition.
- Relocation of Kinder Morgan Petroleum Product Pipeline may impact bridge construction at Herndon Avenue. Coordination is ongoing with the Contractor to mitigate possible delays.
- Close of escrow for the required PG&E easement at Downtown Fresno Viaduct.
- Acquisition of AT&T Remote Terminal (RT) Unit easement is required to complete AT&T Tasks 9 & 10.
- Intrusion Protection Barrier (IPB) requirements are being reviewed by the Authority.
- North Extension change order is being renegotiated with the Contractor.
- Received Major Amendment No. 8 hairy Orcutt grass ITP, allowing for hairy Orcutt grass mitigation to continue without impeding schedule.

- Received Amendment No. 9 to the Merced to Fresno ITP to increase the size of the Project Footprint by 89.78 acres to accommodate 24 additional design variations, including IPB, gas pipelines, sewer, storm drains, water mains, and irrigation utilities.
- United States Army Corps of Engineers re-issued the 404 permit for CP-1 with no changes.
- California Department of Fish & Wildlife deemed the Herndon Canal Streambed Alteration Subnotification Amendment complete. The Sub-notification describes revisions to the water diversion plan throughout the different phases of construction.
- Work with Authority ROW to provide remediation of soils beneath the former Lamoure's Cleaners.
- Issued a Directive Letter (DL) to TPZP to address all monitoring wells presently located within the HSR alignment. Modifications to these wells must occur before guideway construction can begin. TPZP to perform this work in 3 phases, beginning at end of July.
- Roeding Park FOE was deemed complete.
- Collated analytical results of all soil contamination in CP-1 and provided to the Authority for the purpose of obtaining a programmatic agreement with DTSC for de minimus contaminated soils to be re-used throughout all construction packages (ongoing).
- At Fresno River Viaduct (FRV), the PCM is concerned about the low rate of infiltration where basins have been proposed due to basins proposed over the river and SR145.
- The PCM met with Regional Water Quality Control Board (RWQCB) and TPZP to discuss design and locations of basins along G Street with known soil and groundwater contamination.
- UPRR Crossing Applications for PG&E relocations on hold within Easement Acquisition Agreement (EAA) area due to outstanding Consent to Common Use Agreement (CCUA)/ Joint Use Agreement (JUA) templates.
- PG&E relocations on hold due to PG&E request for land documentation and 6-month shelf life.
- Fresno Metropolitan Flood Control District (FMFCD) Reimbursement Agreement required for FMFCD review of land documentation.

Key Activities Planned

- 2 Ready for Construction (RFC) designs in review or comment resolution;
- Design engineering for utility relocations, including design for Excluded 3rd Party facilities;
- Hazmat abatement and demolition of structures on recently acquired parcels;
- Start private irrigation casing installation under HST within the limits of Guideway Package 1 and 2 at Madera County;
- Start delineating Perchloroethylene (PCE) plume beneath Lamoure's Cleaners;
- Start realignment utilities construction between Herndon and Ashlan Avenues;
- Start Construction of Fresno Irrigation District's Herndon Canal Box Culvert;
- Start McKinley Avenue overcrossing construction;
- Start Belmont Avenue overcrossing construction;
- Start fiber relocation at downtown shoofly area;
- Start Kinder Morgan line relocation at Ventura and Tulare Street;
- Start Tulare Street temporary shoofly construction; and
- Start remediation of former Lamoure's Cleaners site

Key Work Activities Ongoing

- Road 27: Continued Intermediate/ end diaphragm construction; form, stressing girder tendon strands at abutments;
- Fresno River Viaduct (FRV): Continued work on the punch list for acceptance by the Authority;
- Avenue 15: Installing deck panels, west retaining wall forms;
- Cottonwood Creek: Continued work on the punch list for acceptance by the Authority;
- Guideway 01: Continued grading irrigation crossings and wildlife crossing box culvert/ wing walls construction;
- Avenue 12 (BNSF): Installing east retaining wall forms;
- Avenue 12 (HSR): Final grade work;
- Avenue 11: Final walkthrough and punch list work, Guideway 01 drainage system installation;
- Avenue 8: Guard rail installation, stripping and punch list, Guideway 01 drainage system installation;
- San Joaquin River Viaduct (SJR): Span barrier rail concrete placement over Spans 1-6 and erection of architectural echo false work over span 5;
- Herndon Avenue: AT&T task 9 duct bank installation;
- McKinley Avenue: City of Fresno (COF) jack and bore for main water line and preparation of connector work;
- Golden State Blvd: Realignment of Herndon Canal to Herndon;
- Fresno Trench: Excavation of soil and hauling off site;

- SR-180 Top Down: Forming and concrete placement on box girder walls;
- Tuolumne Bridge: Tuolumne Street punch list;
- Tulare Street: Removal of Chevron line south of Ventura Street is delayed due to UPRR stop work;
- Ventura Street: UPRR issued maintenance consent letter for the Kinder Morgan relocation;
- G Street: Fresno Rescue Mission, Abatement parcel FB-10-0176 and AT&T Duct Bank installation for Task 3 through Thorne Avenue;
- California Avenue: Demolition of Modern Tank property, parcel FB-10-0177;
- Church Avenue: Continue AT&T duct bank installation, Tasks 11 & 12;
- Downtown Fresno Viaduct/ SR-99/ Cedar: Continued bents 34 and 35 pile cap and column construction, abutment 43 backfill behind abutment and false work placement over Cedar Avenue;
- Muscat Avenue: Continued work on punch list; and
- American Avenue: Continued form work to intermediate diaphragm, concrete placement and installation of California Public Utilities Commission (CPUC) conduits.

Key Work Activities Completed

- Avenue 15: Forming intermediate and concrete placement on retaining wall footings;
- Ave 12 (BNSF): Concrete placement/ stripping of wall forms on east & west retaining wall footings backfill;
- Ave 12 (HSR): Placement of aggregate base and asphalt;
- Ave 8: Placement of Aggregate Base Rock and Pavement;
- ROW and Demo/ Abatement: 195 parcels have been remediated, 211 have been demolished; and
- Design Submittals: 17 approved or no objection, 2 statements of no objection with comments, 1 rejected or resubmit, 2 rejected with comments, 9 approved with comments, 1 statement of no objection with no comments.