

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:	\$578,220,465.44
Current Contract Amount:	<u>\$1,601,208,465.44</u>
¹ Approved Invoices to Date:	\$965,543,116.59
Remaining Contract Balance:	<u>\$635,665,348.85</u>

Contract Time Status

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded:	518
Work Days Spent (thru 7/31/2019):	2,115

Contingency Status

Description	Amount
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
² Executed Change Orders:	<u>\$223,975,916.40</u>
Current Contingency Balance:	<u>\$13,324,083.60</u>

Expended to Date

Description	Percentage
Time:	98.6%
Dollars:	60.3%

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):	<u>\$180,944,999.00</u>
Current Budget Allotment:	<u>\$1,618,052,999.00</u>

Growth %

Description	Percentage
% Time Growth:	31.8%
% Dollars Growth:	56.5%

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	Agreement for Settlement, Release and Waiver for Delays, Claims and Disputes through May 1, 2019	\$ 126,000,000.00
2	Belmont Avenue Overhead Bridge Ownership	\$ 147,774.00
3	CPUC Settlement Agreement – Design Criteria Revision	\$ 0.00
4	Herndon Avenue Alignment Changes (ATC) - Construction	\$ 25,919,272.00
5	Herndon Avenue Alignment Changes (ATC) – Construction Supplemental Cost	\$ 64,568,236.00
6	Revised Design Variance Request Form	\$ 0.00
7	UPRR Safety and Security	\$ 100,000.00
8	USBR Lateral 6.2 Structural Review Delays	\$ 164,905.13
	Total	\$ 216,900,187.13

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	\$2,140,261	\$1,901,039
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	\$13,234,392	\$12,801,667
Total	\$53,000,000	-\$27,000,000	\$26,000,000	\$20,365,303	\$19,375,023

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	\$84,327,902 ^[6]	\$71,835,313 ^[6]
PG&E	\$77,000,000	\$41,500,000	\$118,500,000	\$117,238,205 ^[6]	\$20,591,989 ^[6]
Total	\$158,820,000^[6]	\$45,000,000^[7]	\$203,820,000	\$201,566,107	\$92,427,302

⁶ Includes Excluded 3rd Party Provisional Sums (PG&E and AT&T) executed as Change Orders (\$66,015,406)

⁷ 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 the Preliminary Jurisdictional Determination (PJD) for CP-1D from U.S. Army Corps of Engineers (USACE) to accurately delineate Jurisdictional Waters of the United States;
- Received an Amendment to the Master Streambed Alteration Agreement (MSAA) for the Fresno River Viaduct from California Department of Fish and Wildlife (CDFW) to extend the term of the permit until May 27, 2022;

- Received an Amendment to the MSAA for the San Joaquin River from CDFW to extend the term of the permit until November 1, 2022;
- Received the Sub-notification of the MSAA from CDFW for a new diversion plan at Central Canal, including nighttime work;
- Received the Sub-notification of the MSAA from CDFW for a new diversion plan at the Herndon Canal, including nighttime work;
- 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; and
- Fresno Metropolitan Flood Control District (FMFCD) Reimbursement Agreement required for FMFCD review of land documentation.

Key Activities Planned

- 3 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: Placement of Northeast embankment fill;
- 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): Forming east retaining wall and importing soil for embankment;
- Avenue 12 (HSR): Final grade work;
- San Joaquin River Viaduct (SJR): Span barrier rail rebar and concrete placement over Spans 1-6 and erection of architectural EFCO false work over span 5;
- Herndon Avenue: AT&T task 9 duct bank installation (on hold);
- McKinley Avenue: City of Fresno (COF) jack and bore for main water line and preparation of connector work (on hold)
- Golden State Blvd: Realignment of Herndon Canal to Herndon;
- Fresno Trench: Excavation of soil and hauling off site;
- SR-180 Top Down: Rebar, forming and concrete placement of box lid;
- 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: False work placement over Cedar Avenue and tie soffit and stems at box girders Bents 34-39;
- Muscat Avenue: Continued work on punch list;
- American Avenue: Continued form work to intermediate diaphragm, concrete placement and installation of California Public Utilities Commission (CPUC) conduits (on hold);

Key Work Activities Completed

- Road 27: Completed Intermediate/ end diaphragm construction, stressing girder tendon strands at abutments and placement of metal deck pan decking;
- Ave 12 (HSR): Placement of guard rail;
- Avenue 11: Final punch list signed off by County of Madera and HSR, avenue not open for public use;
- Ave 8: Final punch list signed off by County of Madera and HSR, avenue not open for public use;
- SR 180 Top Down: Forming and concrete placement on box girder walls;
- Downtown Fresno Viaduct/ SR-99/ Cedar: Completed bents 34 and 35 pile cap and column construction and abutment 43 backfill behind abutment;
- ROW and Demo/ Abatement: 195 parcels have been remediated, 211 have been demolished;
- Design Submittals: 9 approved or no objection, 2 statement of no objection with comments, 1 rejected with comments, 3 Statement of no objection with no comments and 2 Statement of objection with comments; and
- PCM has environmentally permitted 22.94 miles of the 29.2 - mile long guideway in CP-1, and 31 out of 36 structures have been environmentally permitted.