

<b>Construction Manager:</b>	<b>John Neri</b> Senior Contract Manager	<b>Project Manager:</b>	Neil Paynter Project Director
<b>PCM:</b>	Mike Sheffield Design-Build Oversight Manager	<b>Regional Director:</b>	Diana Gomez Central Valley Regional Director
<b>Design-Builder:</b>	Tutor Perini/Zachry/Parsons (TPZP) 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
<sup>1</sup> Adds/Deducts to Provisional Sums:	\$105,804,594.00
<sup>2</sup> Executed Change Orders	\$420,301,112.58
Current Contract Amount:	\$1,549,093,706.58
<sup>3</sup> Approved Invoices to Date:	\$901,048,139.44
Remaining Contract Balance:	\$648,045,567.14

Contract Time Status	
Original Contract Days:	1,628
Change Order Days:	518
Work Days Spent (thru 11/30/2018):	1,872

Contingency Status	
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
<sup>4</sup> Executed Change Orders:	\$200,885,862.58
Current Contingency Balance:	\$36,414,137.42

Expended to Date (Contract %'s)	
Time:	87.2%
Dollars:	58.2%

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
<sup>5</sup> Adds/Deducts to Provisional Sums:	\$171,820,000.00
<sup>6</sup> CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
Budget Transfers (Adds/Deducts):	\$153,399,844.00
Current Budget Allotment:	\$1,585,507,844.00

Growth %	
% Time Growth:	31.8%
% Dollars Growth:	51.4%

<sup>1</sup> Includes Provisional Sums (PS) of \$132.8M for the Excluded 3rd Parties (PG&E and AT&T), \$8M for Hazardous Material and the negative change order to transfer \$35M from PS to Contingency;

<sup>2</sup> Includes Excluded 3rd Party PS (PG&E and AT&T) executed as Change Orders (\$66,015,406)

<sup>3</sup> Includes estimated Earned to Date Value for current period

<sup>4</sup> Contingency funded change orders only

<sup>5</sup> Includes total provisional sums (\$199M) authorized by the Board for Excluded 3rd Parties, \$35M transferred to Contingency, and \$8M addition for Hazardous Material

<sup>6</sup> Includes the Board authorization to transfer \$50.3M to contingency

**Pending Change Orders (Estimated Total)**

ID	Description	Amount
1	CPUC Settlement Agreement – Design Criteria Revision	\$ -
2	GSB Realignment Demo Credit	\$ (983,839.65)
3	Revised Design Variance Request Form	\$ 0.00
4	Roadside Barriers along Overcrossing Approaches Deal Points - Design	\$ 31,542.00
5	UPRR Bridge Design AREMA Version Change - Design	\$ 34,999.00
6	UPRR Lighting Modification Requirement at Belmont Ave OH - Design	\$ 23,917.00
	<b>Total</b>	<b>\$ (893,381.65)</b>

**Provisional Sums**

**Original Contract Provisional Sums**

ID	Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
1	Utility	\$ 25,000,000	\$ (20,000,000)	\$ 5,000,000	\$ 1,935,279	\$ 1,935,279
2	Construction Contract Work	\$ 20,000,000	\$ (15,000,000)	\$ 5,000,000	\$ 4,704,304	\$ 4,363,004
3	Building Hazardous Materials	\$ 8,000,000	\$ 8,000,000	\$ 16,000,000	\$ 9,971,862	\$ 9,937,483
	<b>Total</b>	<b>\$ 53,000,000</b>	<b>\$ (27,000,000)</b>	<b>\$ 26,000,000</b>	<b>\$ 16,611,446</b>	<b>\$ 16,235,767</b>

**Excluded Third Party Provisional Sums**

ID	Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
1	AT&T	\$ 81,820,000	\$ -	\$ 81,820,000	\$ 82,625,674	\$ 64,023,867
2	PG&E	\$ 77,000,000	\$ 40,000,000	\$ 117,000,000	\$ 85,668,565	\$ 17,055,897
	<b>Total</b>	<b>\$ 158,820,000</b>	<b>\$ 40,000,000<sup>7</sup></b>	<b>\$ 198,820,000</b>	<b>\$ 168,294,239<sup>8</sup></b>	<b>\$ 81,079,765</b>

**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 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.
- Intrusion Protection Barrier (IPB) requirements are being reviewed by the Authority.
- North Extension change order is being renegotiated with the Contractor.
- PCM/ TPZP/ Authority performed a joint audit of BMPs (Best Management Practice) at CP-1 water crossing sites along with CDFW, USFWS, RWQCB and SWRCB agencies on November 9, 2018.
- Received the Herndon Canal Approved Subnote Amendment complete package for culvert modifications at Herndon Canal.
- Received the CP-1C Central Viau Canals Approved Amendment complete package to describe modifications to Central Canal East and Viau Canal.
- Received the Final Maintenance of Traffic (MOT) Memorandum No.1 in CP-1C.

<sup>7</sup> Additional \$40 million approved funding included for 3<sup>rd</sup> Party Provisional Sums

<sup>8</sup> Includes Excluded 3<sup>rd</sup> Party PS (PG&E and AT&T) executed as Change Orders & Utility PS (\$66,015,406)

- Received the Utility Re-examination 5 CP-1C for sewer work outside the approved environmental footprint.
- Received the Final Roeding Park Hydrology Memo for proposed hydrology modifications.
- Received the Roeding Park – Arborists Report for trees that may be impacted in the park from the sound wall.
- Provided a Stop Work Notice for IPB construction activities on CP-1.
- Received the Supplemental Remedial Investigation Workplan for soils beneath the former Lamoure's Cleaners.
- Collated analytical results of all soil contamination in CP-1 and provided to the Authority for the purpose of obtaining a programmatic agreement with Department of Toxic Substances Control (DTSC) for de minimis contaminated soils to be re-used throughout all construction package.

#### Key Activities Planned

- 13 Ready for Construction (RFC) designs in review or comment resolution.
- Design engineering for utility relocations, including design for Excluded 3<sup>rd</sup> Party facilities.
- Hazmat abatement and demolition of structures on recently acquired parcels.
- Start private irrigation casing installation under HST Madera County.
- Start realignment utilities construction between Herndon and Ashlan Avenues.
- Start McKinley Avenue OH construction.
- Start Belmont Avenue OH construction.
- Start fiber relocation at downtown shoofly area.
- Start Kinder Morgan line relocation at Ventura and Tulare Street.
- Start Tulare Street temporary shoofly construction.

#### Key Work Activities Ongoing

- Road 27: Continued Intermediate Diaphragm framing.
- Fresno River Viaduct (FRV): Continued work on the punch list for acceptance by the Authority.
- Avenue 15.5: AT&T cutovers in progress.
- Avenue 15: BNSF Crossing Agreement has been approved, construction work installing vertical rebar at west abutment.
- Cottonwood Creek: Continued work on the punch list for acceptance by the Authority.
- Guideway 01: Continued grading and wildlife crossing box culvert/ wing walls construction.
- Guideway 02: Continued grading and compaction from Avenue 7 to SJRV abutment 1.
- Avenue 12 (BNSF): Start of backfill to East abutment wall.
- Avenue 11: Final Grade and installation of Aggregate Base Rock.
- Avenue 8: Final grade and installation of Aggregate Base Rock.
- Avenue 7: Continued embankment import fills on the west side of abutment 1.
- San Joaquin River Viaduct (SJRV): West tie beam stripping concrete forms and repairs to the honeycomb and rock pockets at the south end bents 5 through 6, bent cap.
- Herndon Avenue: Fresno Metropolitan Flood Control District (FMFCD) provided the Authority with a construction license agreement as an alternative method to provide the Authority access to Basin EH while the ROW contract is being finalized between the Authority and FMFCD.
- McKinley Avenue: Preparation of connector work continued.
- Golden State Blvd Realignment: Started Phase I AT&T Duct Bank (Task 9), Herndon Canal to Herndon.
- Fresno Trench: Continued excavation below SR-180 and began chipping away at secant piles to install embedded plates for temporary shoring of the trench.
- SR-180 Top Down: Excavation to level 10 shotcrete and prepping for Level 4 struts, welded steel stand pipe on top of 60" steel storm drain.
- Tuolumne Bridge: No work performed on 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.
- Downtown Fresno Viaduct/ SR-99/ Cedar: Started bents 36 and 37 pile cap construction, footings poured at abutment 43.
- Muscat Avenue: Continued work on punch list.

**Key Work Activities Completed**

- Avenue 12: Completed HST overhead deck pour in November.
- Avenue 11: Trenching and CPUC conduit has been installed.
- Avenue 10: Completed AT&T duct bank splicing and cutover.
- Avenue 9: Completed AT&T duct splicing and cutover.
- Avenue 8: Trenching and CPUC conduit has been installed.
- San Joaquin River Viaduct (SJRVI): Completed bents 5 to 6 construction of west side beam at precast girders, Pergola Unit C guideway deck, parapet & barrier placed 29 cy of concrete.
- ROW and Demo/ Abatement: 188 parcels have been remediated, 202 have been demolished
- Design Submittals: 3 approved or no objection, 1 rejected or resubmit, 8 rejected with comments and 3 approved with comments