

**Construction Manager:** John Neri  
Senior Contract Manager

**Project Manager:** Zouheir Farah  
Project Director

**PCM:** Mike Sheffield  
Design-Build Oversight Manager

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

**Design-Builder:** 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:	<u>\$1,022,988,000.00</u>
Executed Change Orders	\$543,749,980.74
Current Contract Amount:	<u>\$1,566,737,980.74</u>
<sup>1</sup> Approved Invoices to Date:	\$943,313,538.90
Remaining Contract Balance:	<u>\$623,424,441.84</u>

Contract Time Status	
Original Contract Days:	1,628
Change Order Days:	518
Work Days Spent (thru 4/30/2019):	2,023

Contingency Status	
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
<sup>2</sup> Executed Change Orders:	\$218,530,136.74
Current Contingency Balance:	<u>\$18,769,863.26</u>

Expended to Date (Contract %'s)	
Time:	94.3%
Dollars:	60.2%

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>3</sup> Adds/Deducts to Provisional Sums:	\$171,820,000.00
<sup>4</sup> CHSRA Adds/Deducts to Contingency:	\$77,300,000.00

Growth %

<sup>1</sup> Includes estimated earned value for the reporting period

<sup>2</sup> Contingency funded change orders only

<sup>3</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>4</sup> Includes the Board authorization to transfer \$50.3M to contingency

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

% Time Growth: 31.8%	<sup>5</sup> Budget Transfers (Adds/Deducts): \$180,944,999.00
% Dollars Growth: 53.2%	Current Budget Allotment: \$1,613,052,999.00

**Pending Change Orders (Estimated Total)**

ID	Description	Amount
1	Additional Cost for COF Review Fees due to Large Authority Directed Changes	\$ 1,817,000.00
2	ATT Workarounds for McKinley Ave Overhead - Redesign	\$ 486,804.00
3	CPUC Settlement Agreement – Design Criteria Revision	\$ -
4	Additional design effort required for the Fresno Street and H Street connection details	\$ 321,224.00
5	Herndon Avenue Alignment Changes (ATC) - Construction	\$ 25,919,272.00
6	Intrusion Protection Requirements at Trench - Construction	\$ 8,350,000.00
7	Major Storm Flow Requirements at Belmont Ave - Design	\$ 62,865.00
8	Revised Design Variance Request Form	\$ -
9	Weir Floway FB-10-0220 Storm Drain Facility - Design	\$ 48,476.00
	<b>Total</b>	<b>\$ 36,573,076</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	\$ 1,985,279	\$ 1,935,279
2	Construction Contract Work	\$ 20,000,000	\$ (15,000,000)	\$ 5,000,000	\$ 4,990,650	\$ 4,573,614
3	Building Hazardous Materials	\$ 8,000,000	\$ 8,000,000	\$ 16,000,000	\$ 12,855,527	\$ 12,373,528
	<b>Total</b>	<b>\$ 53,000,000</b>	<b>\$ (27,000,000)</b>	<b>\$ 26,000,000</b>	<b>\$ 19,831,456</b>	<b>\$ 18,882,421</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	\$ 5,000,000	\$ 83,820,000	\$ 83,649,440 <sup>2</sup>	\$ 69,868,364 <sup>2</sup>
2	PG&E	\$ 77,000,000	\$ 35,000,000	\$ 115,000,000	\$ 114,419,327 <sup>2</sup>	\$ 19,004,222 <sup>2</sup>
	<b>Total</b>	<b>\$ 158,820,000<sup>2</sup></b>	<b>\$ 40,000,000<sup>3</sup></b>	<b>\$ 198,820,000</b>	<b>\$ 198,068,767</b>	<b>\$ 88,872,586</b>

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

<sup>3</sup> Additional \$40 million approved funding included for 3<sup>rd</sup> 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 Fresno to Bakersfield Incidental Take Permit (ITP) Amendment No. 9 to accommodate the increase in the Project footprint by 0.75 acres due to inclusion of the IPB.
- Received the Fresno to Bakersfield ITP Amendment No.10 to increase the Project Footprint by 117.94 acres for alternative Technical concepts in CP-2/3 and for additional Covered Species habitats impacts.
- Work with Authority ROW to provide remediation of soils beneath the former Lamoure's Cleaners.
- Requested a meeting with Authority ROW to discuss the Univar remediation equipment in the HSR alignment that must be relocated prior to construction of guideway.
- Met with Department of Toxic Substances Control (DTSC) to arrange a reimbursable agreement for plan review and approval for all construction packages.
- Reminded TPZP that there is remediation equipment that must be moved outside the HSR alignment at numerous parcels before construction activities can commence.
- Sent TPZP a letter requesting their plan and timing for addressing known contaminated soil beneath parcels throughout downtown Fresno
- Sent TPZP an NCR for failure to implement emergency flood procedures during releases of high flows from Friant Dam.
- Sent TPZP a letter requesting water quality samples triggered by emergency flood release flows through the San Joaquin River site.
- 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 deminimus contaminated soils to be re-used throughout all construction packages.
- The PCM continues to work with TPZP to provide appropriate locations for proposed infiltration basins in areas of known soil 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

- 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 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.
- Start remediation of former Lamoure's Cleaners site.

#### Key Work Activities Ongoing

- 2 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 within the limits of Guideway Package 1 and 2 at Madera County.
- Road 27: Continued Intermediate/ end diaphragm construction; form, pour and strip girder closures, **stressing girder tendon strands at abutments.**
- Fresno River Viaduct (FRV): Continued work on the punch list for acceptance by the Authority.
- Avenue 15: Start forming intermediate, **concrete placement on diaphragms and installing retaining wall footing 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): Start of backfill to east abutment wall, install back of wall panel east and west abutments, rebar steel installation for east retaining wall footing **and start of wall forms to west retaining wall.**
- Avenue 11: Pre-final walkthrough and punch list scheduled.
- Avenue 8: Final grade and installation of aggregate base rock.
- San Joaquin River Viaduct (SJR): Anti-graffiti coating application and **span barrier rail concrete placement.**
- Herndon Avenue: AT&T task 9 duct bank installation.
- McKinley Avenue: Preparation of connector work.
- Golden State Blvd: Realignment of Herndon Canal to Herndon.
- Fresno Trench: Excavation of soil and hauling off site, **continue** delivery of epoxy rebar and placement of inverts.
- SR-180 Top Down: Delivery of epoxy rebar and placement of inverts **and concrete placement of inverts.**
- 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.
- 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 36 and 37 pile cap and column construction, abutment 1 bearing seat, abutment 43 wall bar reinforcement, **forms** installation and concrete footing placement. **False work placement over Cedar Avenue.**
- 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.**

#### Key Work Activities Completed

- **Avenue 7: Embankment import fills on the west side of abutment 1.**
- **San Joaquin River Viaduct (SJR): Grounding and bonding jumpers at Pergola, concrete placement at Span 5 and 5 Deck.**
- ROW and Demo/ Abatement: 193 parcels have been remediated, **207** have been demolished.
- Design Submittals: **9** approved or no objection, **2** statements of no objection with comments, **5** rejected or resubmit, **2** rejected with comments, **1** approved with comments, **3** Statement of no objection with no comments.