

**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:	\$552,670,154.85
Current Contract Amount:	<u>\$1,575,658,154.85</u>
<sup>1</sup> Approved Invoices to Date:	\$951,084,503.36
Remaining Contract Balance:	<u>\$624,573,651.49</u>

**Contract Time Status**

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded:	518
Work Days Spent (thru 5/31/2019):	2,054

**Contingency Status**

Description	Amount
Original Contingency Price:	\$160,000,000.00
CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
<sup>2</sup> Executed Change Orders:	<u>\$203,425,605.81</u>
Current Contingency Balance:	<u>\$33,874,394.19</u>

**Extended to Date**

Description	Percentage
Time:	95.7%
Dollars:	60.4%

**Budget Status**

Description	Amount
Original Contract Price:	\$1,022,988,000.00
Original Contingency Amount:	<u>\$160,000,000.00</u>
Original Budget Allotment:	\$1,182,988,000.00
<sup>3</sup> Adds/Deducts to Provisional Sums:	\$176,820,000.00
<sup>4</sup> CHSRA Adds/Deducts to Contingency:	\$77,300,000.00
<sup>5</sup> 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:	54.0%

<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 (\$204M) 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)

## Pending Change Orders (Estimated Total)

ID	Description	Amount
1	Additional cost for the City of Fresno (COF) review fees due to large Authority directed changes	\$1,817,000.00
2	AT&T Workarounds for McKinley Ave Overhead - Redesign	\$486,804.00
3	CPUC Settlement Agreement – Design Criteria Revision	\$0 00
4	Herndon Avenue Alignment Changes - Construction	\$25,919,272.00
5	HSR CP1 – JMA Rail Consultant Railroad Submittal Review and Consultation	\$88,755.50
6	Major Storm Flow Requirements at Belmont Ave - Design	\$62,865.00
7	Revised Design Variance Request Form	\$0 00
8	<b>Total</b>	<b>\$28,374,696.50</b>

## 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	\$1,935,279
Construction Contract Work	\$20,000,000	-\$15,000,000	\$5,000,000	\$4,990,650	\$4,573,614
Building Hazardous Materials	\$8,000,000	\$8,000,000	\$16,000,000	\$12,977,416	\$12,664,588
<b>Total</b>	<b>\$53,000,000</b>	<b>-\$27,000,000</b>	<b>\$26,000,000</b>	<b>\$20,261,341</b>	<b>\$19,173,481</b>

## Excluded Third Party Provisional Sums

Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
AT&T	\$81,820,000	\$5,000,000	\$83,980,000	\$83,943,592 <sup>[2]</sup>	\$71,094,655 <sup>[2]</sup>
PG&E	\$77,000,000	\$35,000,000	\$114,840,000	\$114,809,412 <sup>[2]</sup>	\$19,374,237 <sup>[2]</sup>
<b>Total</b>	<b>\$158,820,000<sup>[2]</sup></b>	<b>\$45,000,000<sup>[3]</sup></b>	<b>\$198,820,000</b>	<b>\$198,753,004</b>	<b>\$90,468,892</b>

<sup>2</sup> Includes Excluded 3rd Party Provisional Sums (PG&E and AT&T) executed as Change Orders (\$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 completed Road 27 Utility Incidental Take Permit (ITP) Amendment;
- Received the United States Fish and Wildlife Service (USFWS) M-F Biological Opinion (BO) Amendment;
- Received Major Amendment No. 8 Hairy Orcutt Grass ITP, allowing for Hairy Orcutt Grass mitigation to continue without impeding schedule;
- Received Amendment No. 11 to the ITP for a 246.72-acre increase in the Project Construction Footprint associated with the Intrusion Protection Barrier (IPB);

- California Department of Fish and Wildlife (CDFW) approved the F-B ITP Amendment 12, completing environmental approvals on four CP-1C Structures, completing 87.8% of structures with only four remaining structures requiring permitting, including CP-1 North Extension Shift;
- Work with Authority ROW to provide remediation of soils beneath the former Lamoure's Cleaners;
- Met with Authority ROW to discuss the Univar remediation equipment in the HSR alignment that must be relocated prior to construction of guideway;
- Directed TPZP to address all monitoring wells presently located within the HSR alignment. Groundwater wells must be abandoned and re-drilled outside the alignment and soil vapor well may be cut below grade and re-plumbed outside the access restricted guideway;
- Utility #7 in CP-1AB (MF-01-0068) – 14.16 additional acres, 66 sites. Received comments from Authority on 05/03/19. PCM recommended for signature on 05/10/19. Signed by Authority on 05/13/19;
- Utility #6 in CP-1C (FB-01-0017) – 2.9 additional acres, 27 sites. Received comments from Authority on 05/06/19. PCM recommended for signature on 05/08/19. Signed by Authority on 05/22/19;
- Authority submitted response to CDFW for the North Central Canal No. 26 Subnotification of Streambed Alteration form for additional modifications to the Canal. On May 23, the Subnotification was deemed incomplete by CDFW;
- CDFW issued the Master Streambed Alteration Agreement (MSAA) Amendment for Dry Creek Canal Phase II;
- 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 requested design and locations from TPZP for proposed infiltration basins in areas of known soil contamination;
- PG&E relocations on hold due to PG&E request for land documentation and 6-month shelf life and Authority is working with PG&E in establishing a resolution; and
- Fresno Metropolitan Flood Control District (FMFCD) Reimbursement Agreement required for FMFCD review of land documentation.

### **Key Activities Planned**

- 7 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;
- 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, 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: Installing deck panels, 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 retaining wall forms;
- Avenue 12 (HSR): Final grade and installation of aggregate base rock;
- Avenue 11: Final walkthrough and punch list work;
- Avenue 8: Final grade and installation of aggregate base rock;

- San Joaquin River Viaduct (SJR): Span barrier rail concrete placement, erection of architectural false work over span 5;
- 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;
- SR-180 Top Down: Delivery of epoxy rebar and placement of vertical wall bars and forms;
- Tuolumne Bridge: Tuolumne Street punch list;
- 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 wall bar reinforcement, forms installation and concrete footing placement. 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, concrete placement on diaphragms, and retaining spread footings;
- Ave 12 (BNSF) Retaining wall footing backfill;
- Downtown Fresno Viaduct: Abutment 43 concrete placement and strip wall forms;
- ROW and Demo/ Abatement: 195 parcels have been remediated, 210 have been demolished; and
- Design Submittals: 9 approved or no objection, 1 statement of no objection with comments, 2 rejected or resubmit, 2 rejected with comments, 10 approved with comments, 3 Statement of no objection with no comments.