

Monthy Status Report No MR-048 Construction Package 2-3 Contract: HSR 13-57

Board Meeting: July 2019 Period: From 5/1/2019 to 5/31/2019

Data Date: 05/31/2019

Senior Contract Manager: Alberto Lopez Project Director: Daniel Hogan

PCM Design-Build Oversight Manager: Patrick E. Jolly Regional Director: Diana Gomez

Design-Builder: Dragados/Flatiron Joint Venture(DFJV)

Milestones

Milestone	Date
RFQ Date:	10/9/2013
SOQ Date:	12/13/2013
RFP Date:	4/3/2014
Proposal:	10/30/2014
Bid Open Date:	12/11/2014
Award Date:	6/10/2015
LNTP Date:	6/12/2015
NTP Date:	7/25/2015
Original Completion Date:	8/19/2019
Current Completion Date:	5/22/2020

Contract Time Status

Description	Duration
Original Contract Days:	1,486
Extension of Time Awarded:	277
Current Contract Days:	1,763
Work Days Spent (thru 5/31/2019):	1,406

Extended to Date

Description		Percentage
	Time:	79.8%
	Dollars:	45.2%

Growth %

Description	Percentage
% Time Growth:	18.6%
% Dollars Growth:	7.5%

Contract Value

Description	Amount
Fixed Bid Price:	\$1,205,335,890.00
Provisional Sums:	\$160,000,000.00
Original Contract Price:	\$1,365,335,890.00
¹ Executed Change Orders:	\$102,133,608.12
Current Contract Amount:	\$1,467,469,498.12
² Approved Invoices to Date:	\$663,449,313.34
Remaining Contract Balance:	\$804,020,184.78

Contingency Status

Description	Amount		
Original Contingency Price:	\$261,200,000.00		
CHSRA Adds/Deducts to Contingency:	\$0.00		
³ Executed Change Orders:	\$111,703,608.12		
Current Contingency Balance:	\$149,496,391.88		

Budget Status

Description	Amount
Original Contract Price:	\$1,365,335,890.00
Hazardous Waste Amount:	\$29,232,000.00
Original Contingency Amount:	\$261,200,000.00
Original Budget Allotment:	\$1,655,767,890.00
CHSRA Adds/Deducts to Contingency:	\$0.00
⁴ Budget Transfers (Adds/Deducts):	-\$9,570,000.00
Current Budget Allotment:	\$1,646,197,890.00

¹ Executed Change Orders under the Contract Status include \$9.57M negative change orders issued for Caltrans independent quality assurance (IQA) Scope Design and Construction.

² Includes estimated May 2019 invoice of \$10M

³ Contingency funded change orders only. This also does not include \$9.57M negative change orders issued for Caltrans Independent Quality Assurance (IQA) scope Design, Construction, and Phase 2 - ROW which are paid directly to Caltrans by the Authority

⁴ Caltrans independent quality assurance (IQA) budget transfer

Pending Change Orders (Estimated Total)

ID	Description	Amount			
1	Change Order 24.1.2 Harmet Abstement FD 10.0709	\$2,442.04			
ı	Change Order 24.1.2 – Hazmat Abatement FB-10-0708	-\$2,412.04			
2	Change Order 10.5.1 – Tulare Co. Force Account Fees	\$100,000			
3	Change Order 91.0 – Undertrack Conduits	\$255,291			
4	Change Order 87.0 – E. Lincoln Ave. Grade Separation	\$58,088.16			
5	Change Order 86.3 – Segment 2- Private Irrigation Cross	\$2,285,989			
6	Change Order 81.0 – Kings Co. Underpasses at Cairo & 9 th	\$38,520			
8	Change Order 78.0 – Traffic Studies at Mountain View	\$4,225			
9	Change Order 70.0 - GTC – Kent & Kansas E/W Embankment	\$459,595			
10	Change Order 24.11 -Haz Mat Abatement FB-10-0398	\$17,969.00			
	Total				
		\$3,217,265.12			

Utility Provisional Sum

Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
PG&E	\$160,000,000	\$0	\$160,000,000	\$95,927,190	\$57,671,587 ^[5]

Variable Price Elements

Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
Hazardous Material	\$29,232,000	\$0	\$29,232,000	\$0	\$0

Key Topics

- A number of third parties are requiring clarifications on their executed Master Agreements and holding up work to resolve outstanding ownership & maintenance questions. Coordination and mitigations are ongoing to resolve issues;
- Most current Intrusion Protection Barrier (IPB) requirements are being incorporated into the design by the contractor.
 Design is forecasted to be completed by Q4 2019;
- BNSF Relocation and Construction agreement executed and provided to Design Build Contractor. Construction can begin on several utility relocations and type II bridge structures;
- Acquisition of several ROW parcels is critical or near critical. Mitigation measures are being considered with the Contractor, including obtaining Permits to Enter (PTE) to facilitate design completion;
- ITP Amendment 3 was issued on 5/3/2019;
- ITP Amendment 5,6,7 were submitted to CDFW; and
- 3 WSAA Subnotifications approved, 3 submitted to CDFW

Key Work Activities Planned

- Segment 1 Frontier Utility Structure Relocation at Morton Ave. & Sumner Ave.;
- Segment 1 Abatement: 4224 Clarkson Ave., 5195 Elkhorn Ave., 2611 Nebraska Ave.;
- Segment 1 Geotechnical Investigation at various locations;
- Segment 1 Clearing & Grubbing at various locations;
- Segment 1 CIDH Re-Test Program at Conejo Ave.;
- Segment 1 Well Abanondonments at various locations;
- Segment 1 Private Irrigation Casing installation at various locations;
- Segment 2 AT&T Utility Structure Relocation at Flint Ave. & Grangeville Ave.;
- Segment 2 Private Irrigation Casing installation at various locations;

⁵ Includes estimated May 2019 Provisional Sum invoice of \$1,764,652.53

- Segment 2 Geotechnical Investigation at various locations;
- Segment 2 Clearing & Grubbing at various locations;
- Segment 3 Ave. 120 Roadway Improvements: Bump and Grind;
- Segment 3 Ave. 24 Water Line Relocation;
- Segment 3 AT&T Utility Structure Relocation at Ave. 16;
- Segment 3 Private Irrigation Casing installation at various locations; and
- Segment 3 Geotechnical Investigation at various locations.

Key Work Activities Ongoing

- 93% of the detailed design completed;
- Precast Yard: Casting bridge girders;
- Segment 1 AT&T Utility Structure Relocation at Clovis Ave.;
- Segment 1 AT&T Utility Structure Relocation at Elkhorn Ave.;
- Segment 1 AT&T Utility Structure Relocation at Fowler Ave.;
- Segment 1 Geotechnical Investigation at various locations;
- Segment 2 Excelsior Ave. OH Structure;
- Segment 2 Kent Ave. OH Structure;
- Segment 2 Kansas Ave. OH Structure;
- Segment 2 Precast Yard: Casting bridge girders (Floral Ave. & Mountain View Ave.);
- Segment 2 Geotechnical Investigation at various locations;
- Segment 3 DOT West Embankment at Ave. 88;
- Segment 3 Geotechnical Investigation at various locations;
- ROW: 7.5 miles and 4 structures remaining; and
- Design Submittals 344 submittals in review as of the end of May 2019.

Key Work Activities Completed

- Segment 1 Frontier Utility Structure Relocation at South Ave. (Jack & Bore);
- Segment 1 HSR Embankment between Peach Ave. to Clarkson Ave.:
- Segment 1 Private Irrigation installation between Peach Ave. to Fowler Ave.;
- Segment 1 Well Abandonments (Elkhorn Ave.);
- Segment 1 HSR Drainage between Peach Ave. to Davis Ave.;
- Segment 1 Clearing & Grubbing at Peach Ave., Clarkson Ave. & Fowler Ave.;
- Segment 1 HSR Embankment south of Davis Ave.;
- Segment 2 Private Irrigation Casing installation at North of Jackson Ave.;
- Segment 2 HSR Drainage between Idaho Ave. to Jackson Ave.; Kent Ave. to Kansas Ave. (Phase 2);
- Segment 2 AT&T Utility Structure Relocation at Hanford Armona Rd. (Phase 1);
- Segment 3 Private Irrigation Casing installation between Orange Ave. to Oregon Ave.; and
- Segment 3 CVIN Utility Structure Relocation at Ave. 56.