

Monthly Status Report No. MR-045 Construction Package 2-3 Contract: HSR 13-57

Data Date: 02/28/2019
Board Meeting: April 2019
Period: 02/1/2019 to 02/28/2019

Construction Manager: Alberto Lopez

Senior Contract Manager

Project Manager: Brian Freund

Regional Director:

Project Director

PCM: Patrick E. Jolly

Design-Build Oversight Manager

Diana Gomez

Central Valley Regional Director

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

Milestones	
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 Status	
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:	\$89,169,157.67
Current Contract Amount:	\$1,454,505,047.67
² Approved Invoices to Date:	\$642,895,201.16
Remaining Contract Balance:	\$811,609,846.51

Contract Time Status	
Original Contract Days:	1,486
CO Days:	277
Total Contract Days:	1,763
Work Days Spent	
(thru 02/28/2019):	1,314

Contingency Status	
Original Contingency Price:	\$261,200,000.00
CHSRA Adds/Deducts to Contingency:	\$0.00
³ Executed Change Orders:	\$98,739,157.67
Current Contingency Balance:	\$162,460,842.33

Expended to Date (Contract %'s)			
Time:	74.5%		
Dollars:	44.2%		

Growth %				
% Time Growth:	18.6%			
% Dollars Growth:	6.5%			

Budget Status	
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 February 2019 invoice of \$6,506,712.98

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



Monthly Status Report No. MR-045 Construction Package 2-3 Contract: HSR 13-57

Data Date: 02/28/2019 Board Meeting: April 2019 Period: 02/1/2019 to 02/28/2019

Pending Change Orders (Estimated Total)

ID	Description	Amount
1	Change Order 1.1 – Partnering Costs	\$100,000
2	Change Order 24.13 – Hazmat Abatement COP 88.17 FB100876	\$11,431
3	Change Order 50.1 – AAAT Bike Pedestrian U/P Design	\$414,952
4	Change Order 70.0 – GTC - Kent & Kansas E/W Embankment	\$459,595
5	Change Order 75.0 – Special Track Work Crossover Turnouts	\$60,545
6	Change Order 76.0 – GTC – Wristen Ditch Bypass	\$392,924
7	Change Order 77.0 – Maintenance. Access Under Type 2 Structures	\$339,242
8	Change Order 85.0 – Subsidence Impacts Various Locations	\$989,000
	Total	\$2,767,689

Provisional Sums

Utility Provisional Sum

ID	Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
1	PG&E	\$ 160,000,000	\$ 0	\$ 160,000,000	\$ 69,164,926	\$ 51,664,351 ⁵

Variable Price Elements

ID	Description	Original Amount	Add/Deduct	Current Amount	Committed (Task Orders)	Approved Invoices
1	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.
- Coordination with BNSF to obtain Relocation and Construction agreement is ongoing. Once approval is received 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.
- California Department of Fish & Wildlife (CDFW) is hindering the projects ability to start work in new areas due to ongoing permitting issues.

Key Work Activities Planned

- Segment 1 Geotechnical Investigation at various locations.
- Segment 1 Frontier Utility Structure Relocation at South Ave (On hold due to awaiting BNSF R&C Signed Agreement).
- Segment 1 AT&T Utility Structure Relocation at Clovis Ave (On hold due to wet soil conditions).
- Segment 1 Clear & Grub at Elkhorn Ave.
- Segment 2 AT&T Utility Structure Relocation at Dover Ave (Awaiting remaining parcel delivery to complete).

⁵ Includes estimated February 2019 Provisional Sum invoice of \$1,720,316.20

-



Monthly Status Report No. MR-045 Construction Package 2-3 Contract: HSR 13-57

Data Date: 02/28/2019
Board Meeting: April 2019
Period: 02/1/2019 to 02/28/2019

- Segment 2 Clear & Grub at Dover Ave.
- Segment 2 AT&T Utility Structure Relocation at Jackson Ave (Awaiting DFJV to submit final plans for AT&T sign-off).
- ITP amendments are being prepared and submitted to California department of Fish and Wild Life.

Key Work Activities Ongoing

- 93% of the detailed design completed.
- Precast Yard: Casting bridge girders.
- Segment 2 HSR Embankment OG Prep Excelsior Ave. to Grangeville Ave (On hold due to wet soil conditions).
- Segment 2 HSR Embankment Fill Iona Ave. to Lansing Ave (On hold due to wet soil conditions).
- Segment 2 HSR Draianage Kent Ave. to Kansas Ave (On hold due to wet soil conditions).
- Segment 2 Kent Ave. OH Structure.
- Segment 2 Kansas Ave. OH Structure.
- Segment 3 Private Irrigation Casings south of Orange Ave (On hold due to wet soil conditions).
- Segment 3 HSR Drainage (Wildlife) between Orange Ave to Oregon Ave (On hol due to wet soil conditions).
- Segment 3 Geotechnical Investigation at various locations.
- Segment 3 CVIN Utility Relocation at Avenue 56.
- 21 remaining Invasive Permit to Enter (PTEs).
- Design Submittals 273 submittals in review as of the end of February 2019.

Key Work Activities Completed

Segment 2 – Excelsior Ave. OH Structure – Abutment Excavation.