

Monthly Status Report No. MR-036 **Construction Package 2-3** Contract: HSR 13-57

Project Manager:

Data Date: 05/31/2018 **Board Meeting: July 2018** Period: 05/1/2018 to 05/31/2018

Jorge Granados **Construction Manager:**

Design & Construction

Brian Freund Project Director

Manager(Acting)

PCM: Patrick E. Jolly

Design-Build Oversight Manager

Regional Director: Diana Gomez

Central Valley Regional Director

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

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
***Executed Change Orders:	\$71,298,317.33
Current Contract Amount:	\$1,436,634,207.33
*Approved Invoices to Date:	\$501,016,212.02
Remaining Contract Balance:	\$935,617,995.31

Contract Time Status	
Original Contract Days:	1,486
CO Days:	277
Total Contract Days:	1,763
Work Days Spent	
(thru 05/31/2018):	1041

Contingency Statu	s
Original Contingency Price:	\$261,200,000.00
CHSRA Adds/Deducts to Contingency:	\$0.00
**Executed Change Orders:	\$80,868,317.33
Current Contingency Balance:	\$180,331,682.67

Expended to Date (Contract %'s)		
Time:	59.0%	
Dollars:	34.9%	

Growth %	
% Time Growth:	18.6%
% Dollars Growth:	5.9%

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
Budget Transfers (Adds/Deducts):	- \$ 9,570,000.00
Current Budget Allotment:	\$1,646,197,890.00

^{*}Includes estimated May 2018 invoice for \$11,623,909.00

^{**}Contingency funded change orders only. This also does not include \$9.6M 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.

⁺ Caltrans independent quality assurance (IQA) budget transfer

^{***}Executed Change Orders under the Contract Status include \$9.6M negative change orders issued for Caltrans independent quality assurance (IQA) Scope Design and Construction.

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Pending Change Orders (Estimated Total)

Description	Amount
Total Pending Change Orders	\$76,296.56
Change Order 24.6 – Hazardous Material Abatement	\$51,896.64
Change Order 24.10 – Hazardous Material Abatement	\$24,399.92
Change Order 44.1 – Increase of One Span Size at Nebraska Avenue OC (\$134,881.09 value, compensation included in CO 48)	\$ 0.00
Change Order 62 – BNSF Coordination Solutions at Conejo Sidings (\$18,805.68 value, compensation included in CO 48)	\$ 0.00

Provisional Sums:

Description	Amount	
Total original Provisional Sums	\$	160,000,000
Authorized Task Orders against the other Provisional Sums	(-) \$	30,795,728
Provisional Sums Remaining Balance	\$	129,204,272
Amount invoiced as of May 31, 2018 against the Task Orders ¹	\$	23,679,174

¹ Includes estimated May 2018 Provisional Sum invoice of \$1,154,154.10.

Key Topics

- JUA and CCUA agreement requirements are not enforced consistently and third parties are asking for more than is required under the Master Agreement. Coordination with JUA and CCUA parties is ongoing to mitigate betterment issues.
- Intrusion Protection Barrier (IPB) requirements are being reviewed by the Authority.
- BNSF track outages to perform work are very limited. Coordination with BNSF is ongoing to mitigate potential delays.
- Acquisition of several ROW parcels is critical or near critical. Mitigation measures are being considered with the Contractor, including obtaining rights-of-entry.
- California Department of Fish & Wildlife (CDFW) is concerned that embankment prevents wildlife from crossing, potentially necessitating a viaduct. Mitigation measures such as increasing the number and size of box culverts to serve as wildlife crossing structures are being considered.
- The Authority is considering the option of using welded mesh fencing in lieu of wire fencing. This may be an additional cost.

Key Work Activities Planned

- Transmittal of Permits to Enter (PTEs) to DFJV
- Preparation, Delivery and Review of Contract Submittals
- Third Party Agreement negotiation
- Early work embankment at Flint, Fargo, Excelsior and Ave 88 is scheduled to start shortly. Footing and excavation work is schedule to begin soon at Kent and Kansas

Key Work Activities Ongoing

- HSR Embankment: Dinuba Ave. to Nebraska Ave. : Finish Grade Slopes Floral Ave. to Nebraska Ave. in Fresno
- HSR Embankment: Mountain View Ave. to Willow Ave.: Finish Grade and Slopes in Fresno and Selma
- Davis Ave. Access Road: Subgrade for Shared Access Road in Selma
- South Ave. Overpass: Wristen Ditch Environmental, Vibration Monitor in Fresno, Clear and Grub in Fresno, Temporary Bypass Ditch
- Embankment Iona Ave. to Lansing Ave. Original Grade Preparation in Hanford
- Jersey Ave. Overhead Site 2 (Diven Pile Test Package): Excavation, Mobilize S/u Equipment
- Demolition: At 5 ½ Ave. in Corcoran



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- Clearing and Grubbing: At Ave. 88 West Side in Corcoran
- AT&T Utility Structure at Davis Ave.: Temporary Backfill
- AT&T Utility Structure at Idaho Ave: Pre-construction work plan, clear & Grub, and Surveys
- AT&T Structure at Iona Ave.: Clear and Grub and Surveys
- AT&T Utility Structure at E. Adams Ave.: Surveys
- 34 remaining Invasive Permit to Enter (PTEs)
- Design Submittals 103 submittals in review as of the end of May 2018

Key Work Activities Completed

- Embankment (Kent and Kansas): Including settlement period (East and West Abutments) in Hanford
- Frontier Utility Structure at E. Rose Ave.: Conduits and Vault at Rose Ave.
- Private Irrigation Crossing: Cutting and welding Pipe only. No install
- Precast Yard: Forming and installing Work Slabs in the Pre-Cast Yard Area
- HSR Embankment N. of Manning to S. of Springfield Ave.: Original Grade Separation and Permanent Construction Index (PCI) close out
- Embankment Fargo: Dirt Source Preparation