

# Monthly Status Report No. MR-041 **Construction Package 2-3** Contract: HSR 13-57

Data Date: 10/31/2018 **Board Meeting: December 2018** Period: 10/1/2018 to 10/31/2018

**Construction Manager:** Alberto Lopez

Design & Construction Manager

Brian Freund **Project Director** 

PCM: Patrick E. Jolly **Regional Director:** Diana Gomez

**Project Manager:** 

Design-Build Oversight Manager

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					

E'   D'   D'
Fixed Bid Price: \$1,205,335,890.0
Provisional Sums: \$160,000,000.0
Original Contract Price: \$1,365,335,890.0
***Executed Change Orders: \$79,890,780.6
Current Contract Amount: \$1,445,226,670.6
*Approved Invoices to Date: \$597,310,448.5
Remaining Contract Balance: \$847,916,222.1

Contract Time Status	
Original Contract Days:	1,486
CO Days:	277
Total Contract Days:	1,763
Work Days Spent	
(thru 10/31/2018):	1194

Contingency Status					
Original Contingency Price:	\$261,200,000.00				
CHSRA Adds/Deducts to Contingency:	\$0.00				
**Executed Change Orders:	\$89,460,780.67				
Current Contingency Balance:	\$171,739,219.33				

Expended to Date (Contract %'s)				
	Time:	67.7%		
	Dollars:	41.3%		

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

<sup>\*</sup>Includes estimated October 2018 invoice for \$28,569,238.00

<sup>\*\*</sup>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.

<sup>+</sup> Caltrans independent quality assurance (IQA) budget transfer

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



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#### **Pending Change Orders (Estimated Total)**

ID	Description	Amount			
1	Change Order 24.6.1 – Haz Mat Abatement COP 0088.10.1	\$24,400			
2	Change Order 72 – CID 200% of Existing Flow Capacity	\$285,686.00			
3	Change Order 62 – BNSF Bowles Re-Exam				
4	Change Order 53.1 – Lawrence (Te Velde) Canal	0			
5	Change Order 44.1 – Increase One Span at Nebraska Ave	0			
6	Change Order 41.1 – Install Spare Conduits _ Construction	\$3,943,136			
7	Change Order 68.0 – Administrative – Dispute Review Exec	0			
	Total	\$4,253,222			

#### **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	\$ 38,571,056 <sup>1</sup>	
1	Includes estimated Oct 2018 Provisional Sum invoice of \$3,672,889.40.						

#### 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 2018.
- Coordination with BNSF to obtain Relocation and Construction agreement is ongoing. Once approval is received construction can begin on a number of 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) in order 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. Previously approved trapping plans have been rescinded affecting the ability to work in
  the south end of the project.

#### **Key Work Activities Planned**

- Transmittal of Permits to Enter (PTEs) to DFJV;
- Preparation, Delivery and Review of Contract Submittals;
- Third Party Agreement negotiation (Ongoing);
- Pre-construction environmental surveys project-wide (ongoing)
- Tipton Kangaroo Rat trapping of alignment
- Construction environmental monitoring project-wide (ongoing)
- Master Streambed Alteration Agreement Sub notifications are being prepared and submitted.



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### **Key Work Activities Ongoing**

- 92% of the detailed design completed;
- Precast Yard: Casting bridge girders
- AT&T Relocation at Jackson Ave.
- Private Irrigation Casings Jefferson Ave.(Sta. 593+20)
- Test Pile Program at Peach Ave.
- HSR Embankment Seg 2 Jackson to Melga Canal
- Kent Ave. OH: Form and pour Bent Columns
- Kansas Ave. OH: Form and pour Bent Colums
- Seg 2 Sta 2254+31 Sta 2421+92: private irrigation Casings (36)
- Seg 3 Avenue 120: Trapping and Burrow collapsing
- AT&T Utilty Structure at Dover Ave.
- Private Irrigation Crossings at various locations within segment 2
- Continue to map ITP requirements & meet with CDFW for resolution of ammendments.
- HSR Embankment Fill Iona Ave. to Lansing Ave.
- Frontier Utility Structure at South Ave.
- 22 remaining Invasive Permit to Enter (PTEs)
- Design Submittals 179 submittals in review as of the end of October 2018

### **Key Work Activities Completed**

- Wristen Ditch sub notification approved by CDFW. DFJV completed the temporary ditch tie in.
- Test CIDH Program at Conejo was completed
- ROW acquired for 9th Ave., Cairo, Peach, and Iona
- Precast Yard: Completed casting girders for Kent & Kansas bridges
- AT&T Utility Structure at Excelsior completed
- CIDH Piles Installation at Kent and Kansas completed