

Pinole-Hercules Water Pollution Control Plant Project Update

Pinole-Hercules Wastewater Subcommittee Meeting
December 1, 2016

Work on site now in its fifth month

- The new headworks and grit structure has been excavated and the outside walls have been poured
- The yard piping connecting structures is being laid
- First phase existing buildings have been demolished and new buildings are being built in the cleared locations.



The treatment plant site prior to start of construction



The treatment plant site in August 2016



Treatment plant south end in November 2016



Plant north end in November 2016

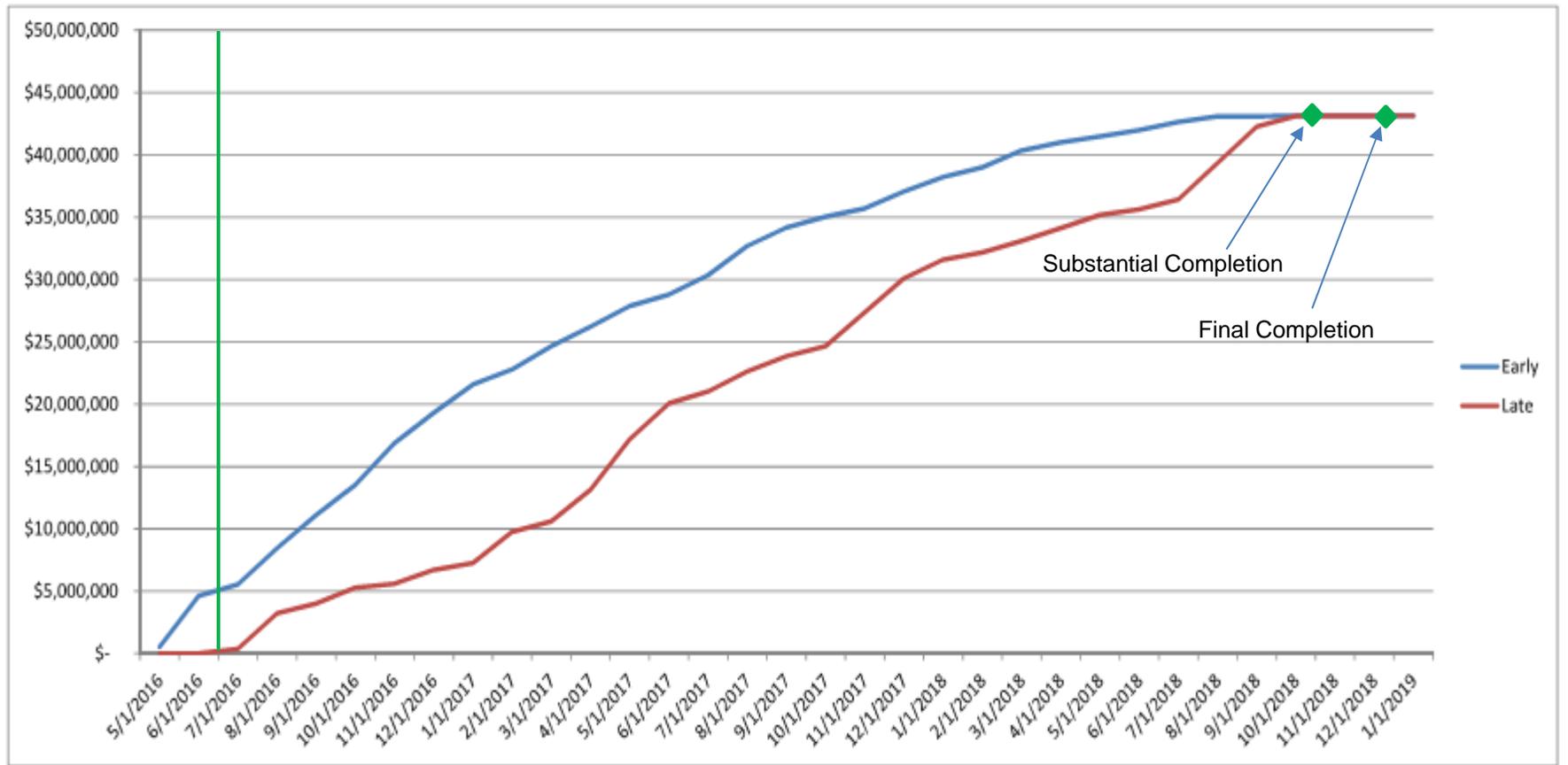


The terms of the Project Labor Agreement are being met

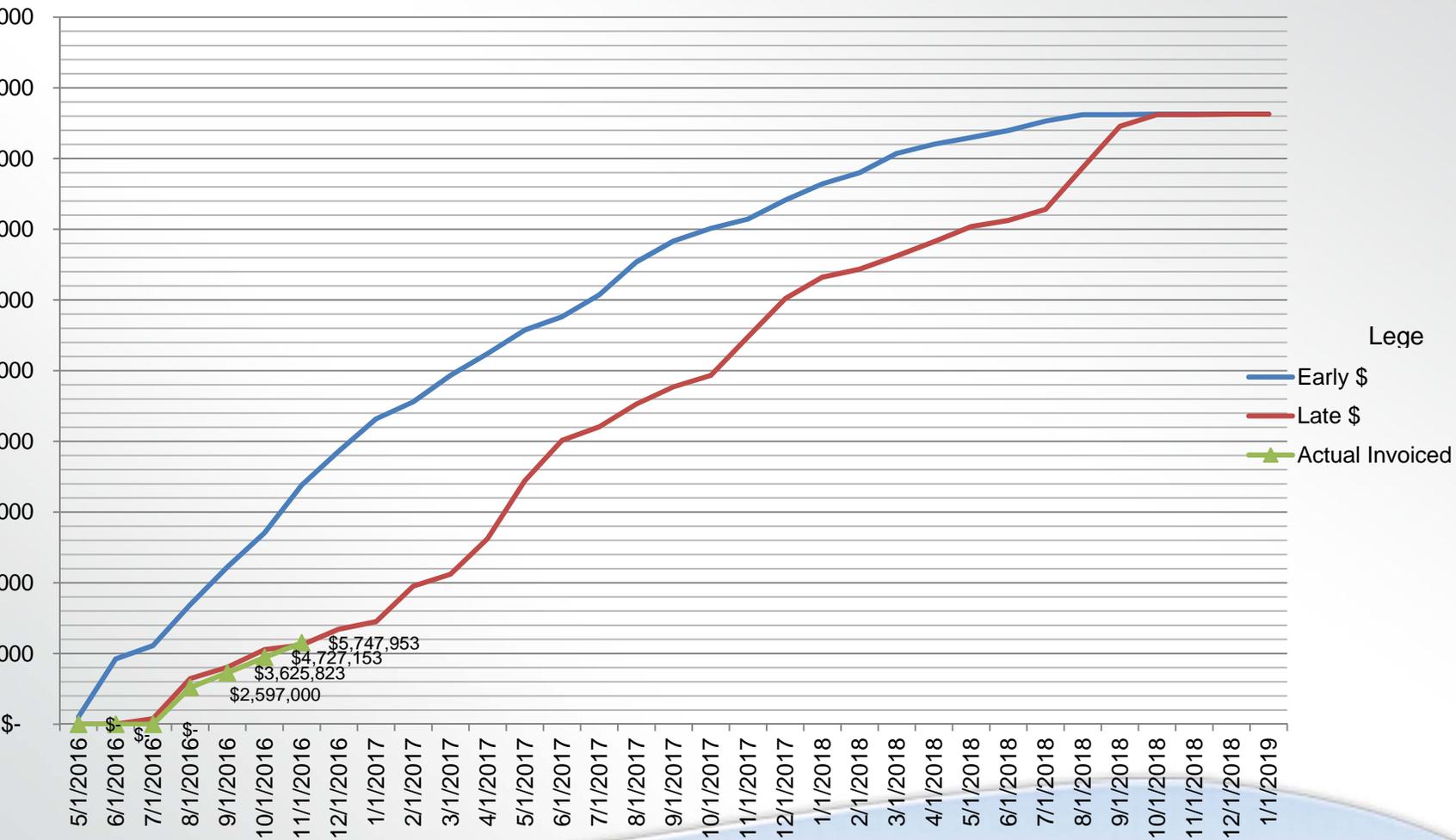
- Efforts are being made by the contractor and unions to hire local labor.
- Unions have not had much local labor available to provide to contractor

Locality	Hours worked on site through 11/30/2016
City of Pinole	289
City of Hercules	0
Contra Costa County	5,101

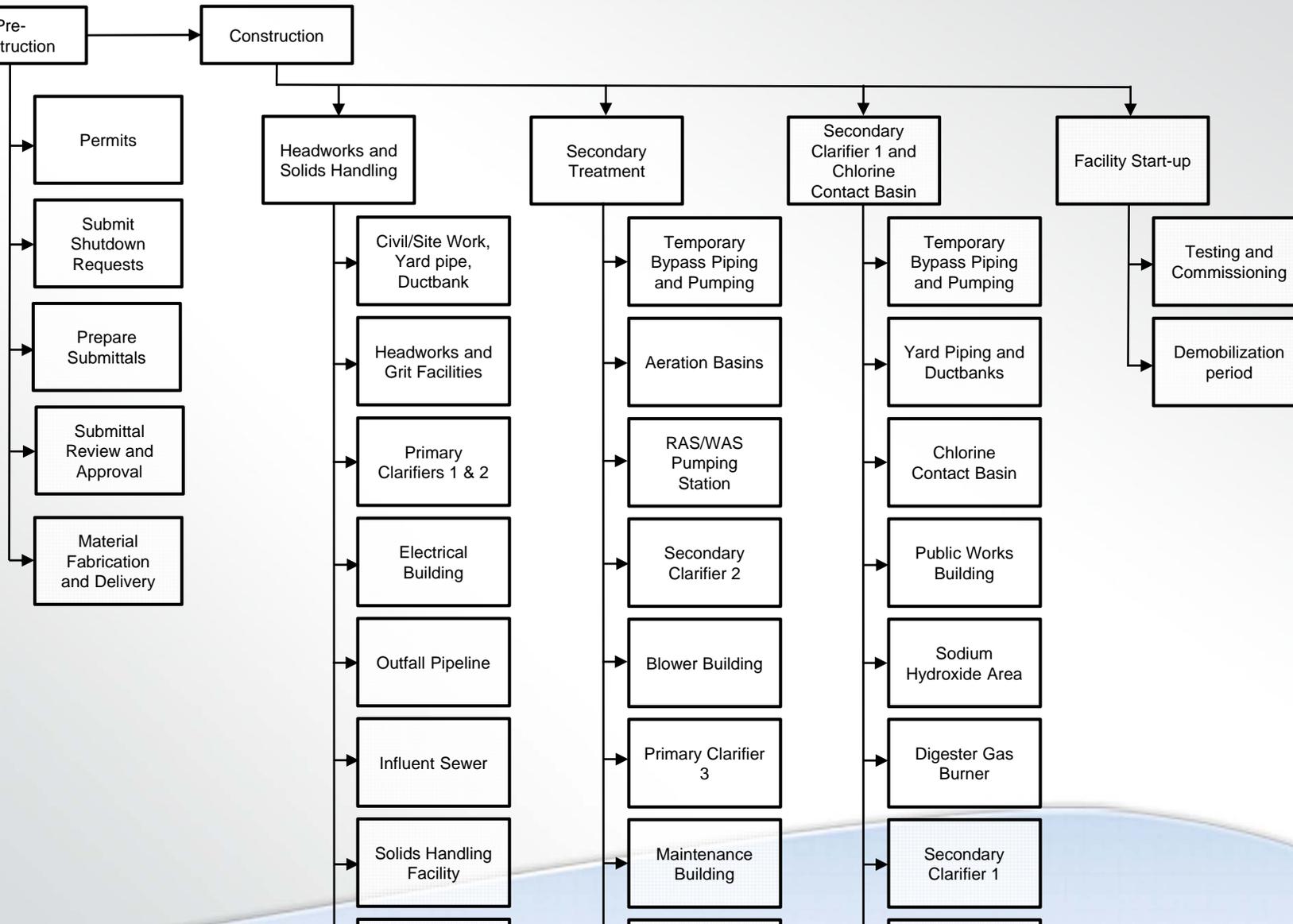
The schedule and cost breakdown previously shared was approved with minor revisions



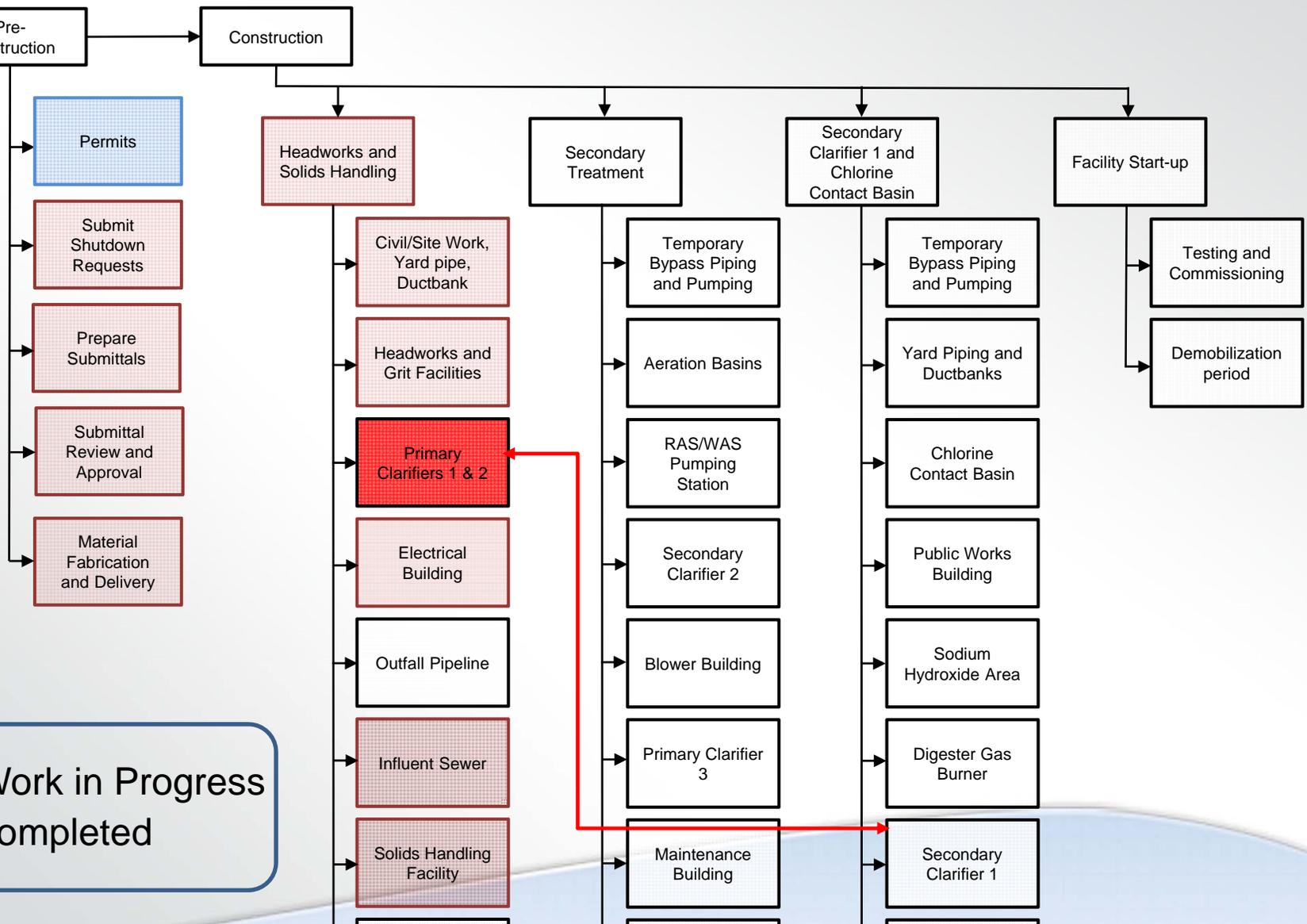
Our invoices to date are within the expected expenditure curve



Previous Overview of Schedule Work Activities



Current Status of Work Activities



change order review and approval process

Discovery

- Found condition that does not match design or changes that must occur
- Determine if condition is covered by contract documents

Assignment of costs

- If yes, then resolve within contract bid price
- If no, Construction Manager determines cost responsibility then requests cost from contractor to make necessary correction and notify City Engineer of potential change order

Negotiation

- Contractor prepares detailed cost estimate with breakdown
- Construction manager prepares separate cost estimate
- Negotiate with contractor to determine final accepted price

Approval and execution

- Recommend City acceptance and prepare documentation for approval
- Contractor proceeds with change at accepted price
- If scope is unknown, then work proceeds on a time and materials basis up to a not to exceed price.

Change order is added to monthly billing once completed

Change orders to date- both completed and currently in negotiation

Number	Subject	Cost
1	Temporary Restrooms	\$ 21,271.00
2	Tree Removal and Grinding on the Northeast Plant Area	\$ 0.00
3	New AC Road along the Northeast Side of the Plant for Continued County Access	\$ 32,363.00
4	Relocate Headworks and Ferric Storage Facilities - RFI #2	\$ (1,450.00)
5	Credit for Deleting Two Duck Bill Check Valves at Aeration Basins	\$(12,018.00)
6	Revised Davis Bacon wage determination	\$ 0.00
7	Demolish and Replace Approximately 50 feet of Existing Asbestos Cement 24-inch Effluent line	\$ 10,000.00
8	Concrete Scanning for Existing Primary Clarifiers	\$ 2,320.00
9	Headworks - Concrete Fillets and Fills Modifications	\$ 12,356.60
10	Reroute Existing Utilities at Surge Tank	\$ 10,000.00
11	Remove and Dispose Asbestos Cement Pipe at Mixed Liquor Flow Split Box Area	\$ 7,500.00
12	18-LPA Pipe Materials - Stainless Steel	\$ 4,000.00
13	Polymer System Progressive Cavity Pumps in-Lieu of Specified Peristaltic Pumps	\$ 3,300.00
14	Add Electric Hoist at Influent Pumps	\$ 20,000.00
15	Headworks: Credit for Deletion of Water Stop and Influent Pump Pads	\$(15,000.00)
16	Grit Removal: Credit for Deletion of Waterstop	\$ (8,000.00)
17	Credit for Deleting the Relocation of the Existing 2-inch NG Line near MH H1	\$(1,100.00)

Currently there is no change to contract completion dates

Actual Notice to Proceed

- May 11, 2016

Substantial Completion Date

- October 28, 2018

Final Completion Date

- December 26, 2018