

JUNE 2017



VALDEZ NEW BOAT HARBOR

CONSTRUCTION

Phase 1 Uplands Civil Work - Harris Sand & Gravel (HS&G) completed delivering rock to Western Marine Corporation (WMC) for construction of the breakwaters on the US Army Corps of Engineers (USACE) contract. CVEA moved two primary power transformers to align with locations of buildings in the Phase 2 work.

Phase 2 Uplands Facilities and Inner Harbor Facilities - Phase 2 contractor, Pacific Pile & Marine (PPM), submitted a preliminary baseline schedule, posted submittals and several substitution requests for the R&M design team to review, participated in the first Construction Coordination Meeting, and coordinated with subcontractors for start of site work in early July.

DESIGN

R&M combined the uplands facilities and inner harbor improvements into a single contract package for Phase 2. The uplands facilities include the warehouse building, east restroom, bilge treatment facility, paving and landscaping. The inner harbor component includes the removal of in-water rock, piling, floats, pedestrian ramps, and drive-down bridge and float. The launch ramp, wash-down pad, west restroom and fish cleaning station were deferred for further evaluation in the COV's waterfront master planning effort. R&M prepared a request for modification to USACE permit to allow PPM's method for removing in-water rock, conformed construction documents (combine bid documents and addenda items), is reviewing material and shop drawing submittals, and assisting the City with review of no-cost substitution requests that propose benefits for the project.

PROJECT ACHIEVEMENTS

- COV extended R&M and Arcadis contracts for Phase 2 management, engineering and inspection services
- PPM submitted detailed baseline schedule; Arcadis and R&M reviewed and responded
- PPM preparing, and R&M reviewing, shop drawings for construction components
- PPM submitted requests for building permits
- R&M submitted permit modification request to USACE for PPM's rock dredging method
- WMC performed survey of basin and submitted to USACE for review
- USACE and WMC inspected breakwaters and prepared punchlist for completion
- COV issued Request for Proposal (RFP) for Fuel Facility

JUNE 2017 PROJECT UPDATE (CONT.)

USACE NAVIGATION IMPROVEMENTS

The USACE is administering WMC's performance of the dredging and breakwater contract. WMC indicated they have finished the basin dredging and breakwater construction. They submitted a survey to the USACE for confirmation of the dredging and breakwater construction. On June 27, 2017, USACE project and district personnel inspected the breakwaters and prepared a punchlist of items for completion. Unofficial communications indicate the punchlist work and survey review might be completed by August 2017. After receiving authorization from the USACE, WMC will demobilize most of the barge and equipment from the project. WMC indicated the remaining barge(s) and equipment would be removed in October or November 2017.

WMC hired HS&G to restore the Uplands to the design grades. HS&G plans to complete this work by July 10, 2017.

FUTURE MILESTONES

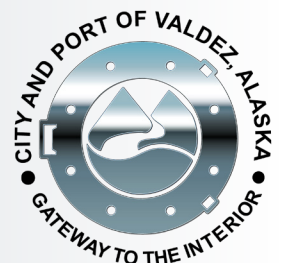
- HS&G finish restoration work for WMC's access and occupied portions of the uplands
- COV issue building permits to PPM
- PPM/subcontractors start foundations for uplands buildings
- COV review Proposals for Fuel Facility
- USACE approve WMC survey and authorize demobilization

*USACE – WMC
Pre-Final Inspection
South Breakwater*



PROJECT TEAM

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Completing Stub Breakwater



Placing armor rock on Stub Breakwater



USACE – WMC Pre-Final Inspection Stub (West) Breakwater looking toward South Breakwater

PROJECT SCHEDULE

Task	2016		2017				2018				2019			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
CITY OF VALDEZ WORK														
Phase 1 Uplands (Civil work except paving)	[Gantt bar: Q4 2016]													
Phase 2 *	[Gantt bar: Q1 2019 - Q4 2019]													
Design/Bid/Award/NTP	[Gantt bar: Q4 2016 - Q2 2017]													
Mooring Floats	[Gantt bar: Q2 2017 - Q2 2018]													
Fabrication/Delivery	[Gantt bar: Q2 2017 - Q2 2018]													
On-site Construction	[Gantt bar: Q2 2017 - Q2 2018]													
Drive Down Float	[Gantt bar: Q2 2017 - Q2 2018]													
Fabrication/Delivery	[Gantt bar: Q2 2017 - Q2 2018]													
On-site Construction	[Gantt bar: Q2 2017 - Q2 2018]													
In-water Rock Removal	[Gantt bar: Q2 2017 - Q2 2018]													
West Rock	[Gantt bar: Q2 2017 - Q2 2018]													
East Rock	[Gantt bar: Q2 2017 - Q2 2018]													
Uplands Facilities (Warehouse, East Restroom, Bilge Water Bldg.)	[Gantt bar: Q2 2017 - Q2 2018]													
Fabrication/Delivery	[Gantt bar: Q2 2017 - Q2 2018]													
On-site Construction	[Gantt bar: Q2 2017 - Q2 2018]													
Paving/Landscaping	[Gantt bar: Q2 2017 - Q2 2018]													
Master Waterfront Plan (To be determined)	[Gantt bar: Q2 2017 - Q2 2018]													
Phase 3 Future Facilities (To be determined with Master Plan)	[Gantt bar: Q2 2017 - Q2 2018]													
Launch Ramp, Fish Cleaning Station, Wash-Down Pad, W. Restroom	[Gantt bar: Q2 2017 - Q2 2018]													
CORPS OF ENGINEERS (USACE) WORK														
Harbor Dredging and Breakwater Construction**	[Gantt bar: Q4 2016 - Q2 2017]													

* Solid lines show PPM's preliminary schedule. Dashed lines are Contract defined schedule. ** USACE/Western Marine's projected Contract completion. WMC is ahead of schedule.
 *** Contract requires Phase 2 work to be completed by October 1, 2019

BUDGET SUMMARY

Description	Original Budget	Revised Budget	Committed	Spent as of 6/30/17	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,659,047	\$ 3,659,047	\$ 2,590,615	71%	\$ 3,659,047
Design	\$ 1,851,971	\$ 2,215,983	\$ 2,215,983	\$ 2,211,458	100%	\$ 2,215,983
Design Team Services During Construction	\$ 600,000	\$ 1,443,064	\$ 1,443,064	\$ 379,157	26%	\$ 1,443,064
PROJECT MANAGEMENT	\$ 2,340,548	\$ 2,922,518	\$ 2,922,518	\$ 1,999,032	68%	\$ 2,919,405
Project Management	\$ 1,740,548	\$ 2,547,868	\$ 2,547,868	\$ 1,627,495	64%	\$ 2,547,868
Inspection/Testing	\$ 600,000	\$ 374,650	\$ 374,650	\$ 371,537	99%	\$ 371,537
USACE CONSTRUCTION - CITY PORTION	\$ 9,345,453	\$ 7,645,453	\$ 7,525,453	\$ 5,141,258	67%	\$ 7,645,453
Initial Basin	\$ 7,145,453	\$ 7,145,453	\$ 7,145,453	\$ 4,761,258	67%	\$ 7,145,453
Other Basin Modifications	\$ 2,200,000	\$ 500,000	\$ 380,000	\$ 380,000	76%	\$ 500,000
CITY CONSTRUCTION	\$ 39,023,904	\$ 45,000,603	\$ 44,923,437	\$ 19,469,503	43%	\$ 44,555,237
Phase 1 Uplands	\$ 19,013,040	\$ 19,636,803	\$ 19,636,803	\$ 19,191,437	98%	\$ 19,191,437
Phase 2 Base/Drivedown Floats, Uplands Fac.	\$ 8,976,100	\$ 24,907,321	\$ 24,907,321	\$ -	0%	\$ 24,907,321
Upland Facilities (with Phase 2)	\$ 4,046,643	\$ -	\$ -	\$ -	0%	\$ -
Drive Down Float (with Phase 2)	\$ 4,951,721	\$ -	\$ -	\$ -	0%	\$ -
Drive-Down Float In-water Mods (with Phase 2)	\$ 1,342,500	\$ -	\$ -	\$ -	0%	\$ -
Hotel Hill Clearing	\$ 64,900	\$ 64,900	\$ 64,900	\$ 64,900	100%	\$ 64,900
Fish Cleaning	\$ 324,000	\$ -	\$ -	\$ -	0%	\$ -
Electric Primary	\$ 225,000	\$ 311,579	\$ 314,413	\$ 213,165	68%	\$ 311,579
CCTV/Security/Head End Equipment	\$ 80,000	\$ 80,000	\$ -	\$ -	0%	\$ 80,000
ADMINISTRATION	\$ 60,000	\$ 65,000	\$ 97,974	\$ 80,119	123%	\$ 60,000
FFE	\$ 100,000	\$ 100,000	\$ -	\$ -	0%	\$ 100,000
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 1,927,536				\$ 2,381,016
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,320,158	\$ 59,128,429	\$ 29,280,527	48%	\$ 61,320,158
USACE FUNDED	\$ 21,277,761	\$ 21,277,761	\$ 21,277,761	\$ 14,816,679	70%	\$ 21,277,761
TOTAL CITY/USACE FUNDING	\$ 82,597,919	\$ 82,597,919	\$ 80,406,190	\$ 44,097,206	53%	\$ 82,597,919

Data includes expenses from 5/22/14 which is the start of Bond eligible costs authorized by COV Resolution 14-33. \$254,321.77 in R&M expenses and other costs are not included. This budget includes updated expenses, pending/executed change orders and restructuring of bid packages.