

JULY 2017



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VALDEZ NEW BOAT HARBOR

CONSTRUCTION

Phase 1 Uplands Civil Work - Harris Sand & Gravel (HS&G) completed restoring the uplands and access routes for Western Marine Corporation (WMC) that were used, by lease agreement with the City, for staging and delivering rock from the Valdez quarry for construction of the breakwaters.

Phase 2 Uplands Facilities and Inner Harbor Facilities - Phase 2 contractor, Pacific Pile & Marine (PPM) and subcontractors, continued posting submittals and shop drawings for the R&M design team to review, prepared designs for the pre-engineered Warehouse building and the East Restroom, applied for three building permits—received footing and foundation permits for the warehouse and bilgewater treatment buildings, set up field offices and temporary power, extended underground utilities to stub up inside buildings, and started work on footings for buildings.

DESIGN

Phase 2 is a single contract package consisting of Uplands Facilities (warehouse building, east restroom, bilgewater treatment facility, paving and landscaping) and Inner Harbor components (removal of in-water rock, piling, floats, pedestrian ramps, drive-down bridge and float). R&M prepared a request on behalf of PPM to modify the USACE permit to allow PPM's mechanical method for removing in-water rock (instead of blasting), is reviewing material and shop drawing submittals, and is performing daily observations of work, testing soil and concrete, and performing special inspections for the building construction.

PROJECT ACHIEVEMENTS

- PPM preparing, and R&M reviewing, shop drawings for construction components
- COV issued building permits for the Warehouse and Bilgewater Treatment buildings
- HS&G finished restoration work for WMC's access and occupied portions of the uplands
- PPM/subcontractors started foundations for uplands buildings



View west of breakwaters, new harbor basin, and uplands

JULY 2017 PROJECT UPDATE (CONT.)

USACE NAVIGATION IMPROVEMENTS

The USACE is administering WMC's performance of the dredging and breakwater contract. WMC submitted a survey to the USACE for confirmation of the dredging and breakwater construction. Unofficial communications with the USACE indicate punchlist work and survey review might be completed during August 2017. WMC has demobilized most of the barges and all their equipment from the project, and have indicated they would remove the remaining barge in October or November 2017.

Arcadis is coordinating with USACE for financial status update and closeout of the COV contract with the USACE.

FUTURE MILESTONES

- State Fire Marshal and COV issue full building permits
- USACE review and provide WMC's basin survey to the COV
- Closeout COV agreement with USACE for the dredging and breakwater work
- PPM vendors begin fabrication of float and ramp components
- COV review responses to Request for Proposal (RFP) for Fuel Facility
- Receive USACE permit modification for PPM's rock dredging method



East Restroom underground utilities, footing forms and rebar in process



Warehouse building underground utilities, footing forms and rebar in process

PROJECT TEAM

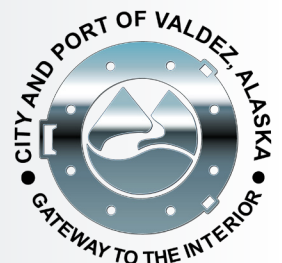
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View west of uplands. East Restroom footings in process (below blue water truck). East Picnic area platform (bottom) will get canopy in Phase 2



Bilgewater Treatment Building electric/telecom conduits backfilled (below marker tape); preparing for footings



Bilgewater Treatment Building footing forms with rebar, water and sewer service risers

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 - Q4 2016]													

* 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 7/31/17	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,659,047	\$ 3,659,047	\$ 2,590,615	71%	\$ 3,624,047
Design	\$ 1,851,971	\$ 2,215,983	\$ 2,215,983	\$ 2,211,458	100%	\$ 2,180,983
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%	\$ 45,000,603
Phase 1 Uplands	\$ 19,013,040	\$ 19,636,803	\$ 19,636,803	\$ 19,191,437	98%	\$ 19,636,803
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	\$ 311,579	\$ 213,165	68%	\$ 311,579
CCTV/Security/Head End Equipment	\$ 80,000	\$ 80,000	\$ 2,834	\$ -	0%	\$ 80,000
ADMINISTRATION	\$ 60,000	\$ 65,000	\$ 97,916	\$ 80,119	123%	\$ 60,000
FFE	\$ 100,000	\$ 100,000	\$ -	\$ -	0%	\$ 100,000
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 1,927,536	\$ -	\$ -	0%	\$ 1,970,650
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,320,158	\$ 59,128,371	\$ 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	\$ 80,406,132	\$ 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.