

SEPTEMBER 2018

VALDEZ NEW BOAT HARBOR

CONSTRUCTION

Phase 2 Uplands Facilities and Inner Harbor Facilities

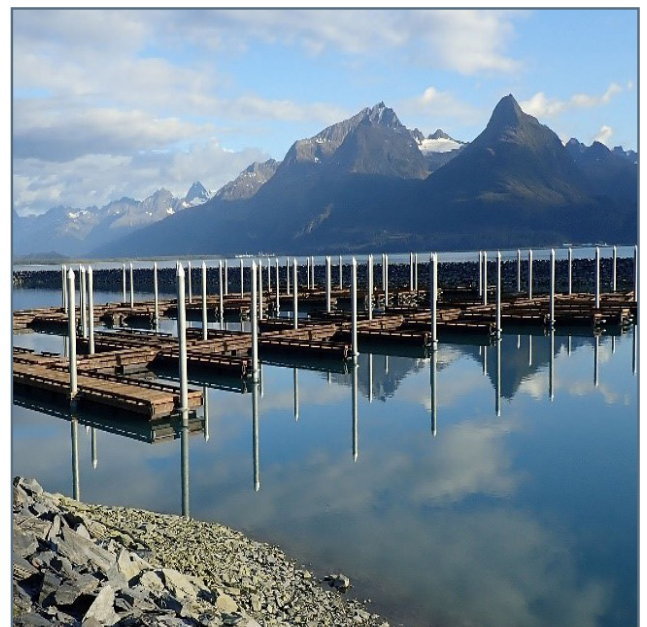
Uplands facilities work is nearly finished. The City and the Contractor performed the Architectural Substantial Completion inspection for the buildings and issued a short Punchlist with items to be corrected. The Contractor is preparing the request for Electrical and Mechanical inspections anticipated during late October. The asphalt pavement was striped and landscape boulders were placed.

Pacific Pile and Marine (PPM) continued breaking high spots (pinnacles) of bedrock and dredging the Drive-Down basin until the hydraulic hammer broke; repair parts are not readily available. Based on the anticipated deliver of parts and successful repair, dredging should finish in mid-October. Surveys indicate 3000 CY of rock (three barge loads) remains to be broken and dredged.

PPM has installed all the piling, head floats, the four mains (T, U, V, W) and associated stall floats, and two gangways for the west two-thirds of the Mooring Basin. Drive-down float modules, transfer bridge and related items stored in the Seattle area are scheduled to be loaded on a barge and towed to Valdez by mid-October. Drive-down floats will be assembled and staged in the water. After the remaining bedrock is removed and confirmed with survey, piling for the drive-down bridge and float will be installed, the drive-down floats will be placed and the 140-foot bridge will be set in place.

PROJECT ACHIEVEMENTS

- Drove piling and installed 80% of floats and two gangways for the Mooring Basin
- Dredged 90% of the bedrock at the Drive-down Float (East) basin
- Performed Architectural Substantial Completion for buildings
- Submitted Rock Anchor Pile Installation Plan for drive-down bridge mooring frame



Floats installed in west portion of Mooring Basin (9/18/18)

SEPTEMBER 2018 PROJECT UPDATE (CONT.)

DESIGN TEAM - CONSTRUCTION SUPPORT

R&M continued reviewing some submittals, including Rock Anchor Pile Installation Plan, responded to Requests for Information (RFIs), clarifications of construction documents and conflicts in the field, performed Special Inspections and observations of site work, observations of dredging and placing riprap, inspections and documentation of drilling and driving mooring piling and installation of floats.

USACE NAVIGATION IMPROVEMENTS

The USACE is administering the Western Marine Construction (WMC) contract for dredging the navigation channel and float basin and construction of the breakwaters. The USACE is reportedly working toward fiscal closeout of their contract with WMC. Arcadis and the City will continue coordinating with USACE for closeout of the City's contract with USACE.

FUTURE MILESTONES

- Commission and test the Bilge Treatment equipment
- Perform Substantial Completion inspections for building electrical and mechanical systems
- Install architectural concrete panels, directional sign, flagpole, picnic canopies
- Start installing electrical and mechanical systems on the installed head, main and stall floats
- Finish breaking and dredging bedrock and surveying the Drive-Down Float Basin
- Install piling for drive-down bridge abutment and mooring frame
- Closeout City's contract with USACE for the dredging and breakwater work



Aerial view after installing 80% of the floats in the Mooring Basin. Piling and floats delivered on the large barge (right of center) were unloaded with crane and installed with piling driven by equipment on smaller barge (tied behind). Dredge equipment and bottom dump barge are located at east (right) end of the Uplands and the Drive-Down Float Basin. (J Talbott, 10/01/18)

PROJECT TEAM

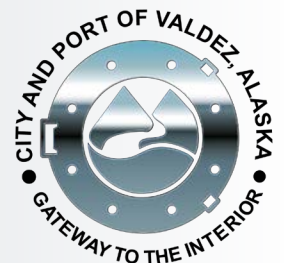
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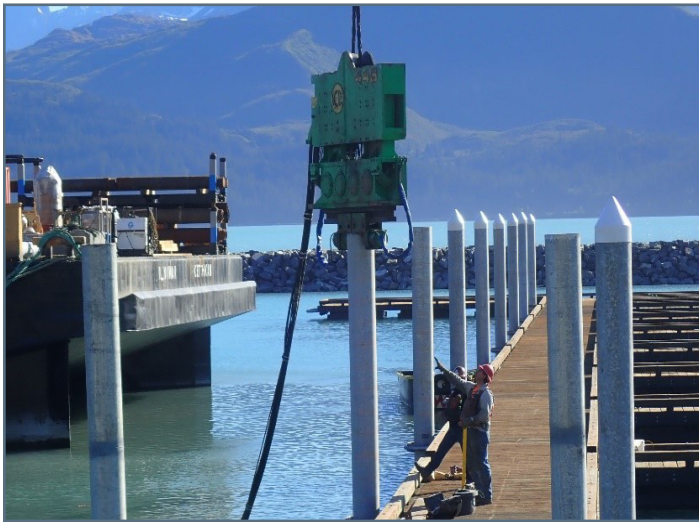




Loading rock on barge for placing on sides of Drive-down basin



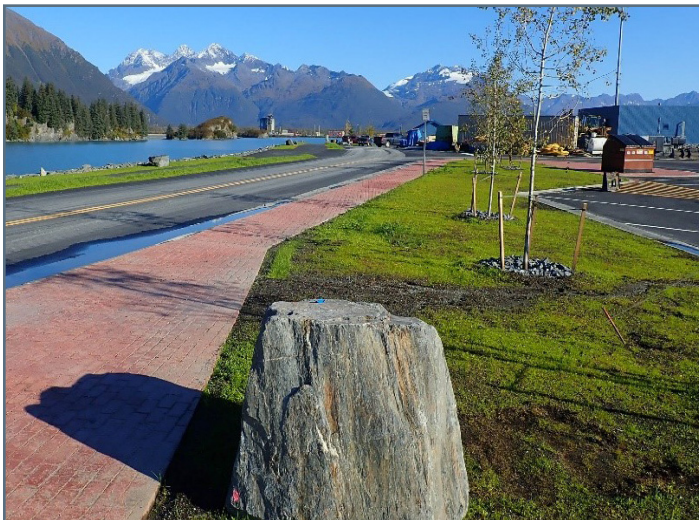
Head float stringers prior to overlapping, bolting and decking



Vibratory hammer almost finished driving piling to proper depth



Drilling into bedrock to install piling for Gangway #2



Grass, trees and boulders installed along brick imprinted sidewalk



Landscaping on east side of Warehouse Building

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)													
Phase 2 *													***
Design/Bid/Award/NTP													
Mooring Floats													
Fabrication/Delivery													
On-site Construction													
Drive Down Float													
Fabrication/Delivery													
On-site Construction													
In-water Rock Removal													
West Rock													
East Rock													
Uplands Facilities (Warehouse, East Restroom, Bilge Water Bldg.)													
Fabrication/Delivery													
On-site Construction													
Paving/Landscaping/Site Furnishings													
Master Waterfront Plan (To be determined)													
Phase 3 Future Facilities (To be determined with Master Plan)													
Launch Ramp, Fish Cleaning Station, Wash-Down Pad, W. Restroom													
CORPS OF ENGINEERS (USACE) WORK													
Harbor Dredging and Breakwater Construction**													

*Solid lines reflect PPM's August 2018 schedule and PPM's recent communications about potential changes; PPM's September update was not available for this report.

** WMC finished dredging and breakwater; contract closeout continues. *** Contract requires Phase 2 work to be completed by October 1, 2019.

BUDGET SUMMARY

Description	Original Budget	Revised Budget	Committed	Expenditures 9/30/18	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,659,047	\$ 3,659,047	\$ 3,266,298	89%	\$ 3,659,047
Design	\$ 1,851,971	\$ 2,215,983	\$ 2,215,983	\$ 2,231,917	101%	\$ 2,231,917
Design Team Services During Construction	\$ 600,000	\$ 1,443,064	\$ 1,443,064	\$ 1,034,381	72%	\$ 1,427,130
PROJECT MANAGEMENT	\$ 2,340,548	\$ 2,919,405	\$ 2,919,405	\$ 2,593,533	89%	\$ 2,919,405
Project Management	\$ 1,740,548	\$ 2,547,868	\$ 2,547,868	\$ 2,221,996	87%	\$ 2,547,868
Inspection/Testing	\$ 600,000	\$ 371,537	\$ 371,537	\$ 371,537	100%	\$ 371,537
USACE CONSTRUCTION - CITY PORTION	\$ 9,345,453	\$ 7,645,453	\$ 7,525,453	\$ 5,141,258	67%	\$ 7,525,453
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%	\$ 380,000
CITY CONSTRUCTION	\$ 39,023,904	\$ 44,715,844	\$ 44,638,679	\$ 37,140,213	83%	\$ 44,715,844
Phase 1 Uplands	\$ 19,013,040	\$ 19,191,437	\$ 19,191,437	\$ 19,191,437	100%	\$ 19,191,437
Phase 2 Base/Drivedown Floats, Uplands Fac.	\$ 8,976,100	\$ 25,067,928	\$ 25,067,928	\$ 17,631,563	70%	\$ 25,067,928
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	\$ 252,312	81%	\$ 311,579
CCTV/Security/Head End Equipment	\$ 80,000	\$ 80,000	\$ 2,834	\$ -	0%	\$ 80,000
ADMINISTRATION	\$ 60,000	\$ 100,000	\$ 99,245	\$ 92,165	92%	\$ 100,000
FFE	\$ 100,000	\$ 100,000	\$ -	\$ -	0%	\$ 100,000
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 2,180,408				\$ 2,300,408
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,320,158	\$ 58,841,829	\$ 48,233,468	79%	\$ 61,320,158
USACE FUNDED**	\$ 21,277,761	\$ 21,277,761	\$ 21,277,761	\$ 20,558,716	97%	\$ 21,277,761
TOTAL CITY/USACE FUNDING	\$ 82,597,919	\$ 82,597,919	\$ 80,119,590	\$ 68,792,183	83%	\$ 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.

** Reconciliation with USACE is in process; updates are anticipated.