

May 2019



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VALDEZ NEW BOAT HARBOR

CONSTRUCTION

Phase 2 Uplands Facilities and Inner Harbor Facilities

Pacific Pile and Marine (PPM) returned to work May 9th and a small crew resumed Punchlist and self-performed work such as installing guards around power pedestals, installing float ID signs on piling and retractable safety ladders on floats. PPM also tested the cranes on the Drive-Down Float (DDF), installed fencing around the fuel tanks, moved their pile driving barge to Old Town dock, and performed the commissioning and training for the bilge water treatment system.

Harris Sand & Gravel (HSG) finished installing insulated arctic pipe on the DD Bridge and gangways, finished pressure testing the domestic, waste, fire and bilge water lines to the floats, chlorinated and flushed the water system, installed a piling and warning sign at the Sediment Berm, assembled landscape furniture, and worked on reports for completion of their work. Zastrow finished installing bullrail at the DD Bridge approach and safety railing at utility equipment locations, constructed the directional sign at the East driveway, and Punchlist work.

Puffin Electric finished installing power for the DDF all-season water system and performed startup, and training for card access, high-mast lighting controls and power metering systems.

PROJECT ACHIEVEMENTS

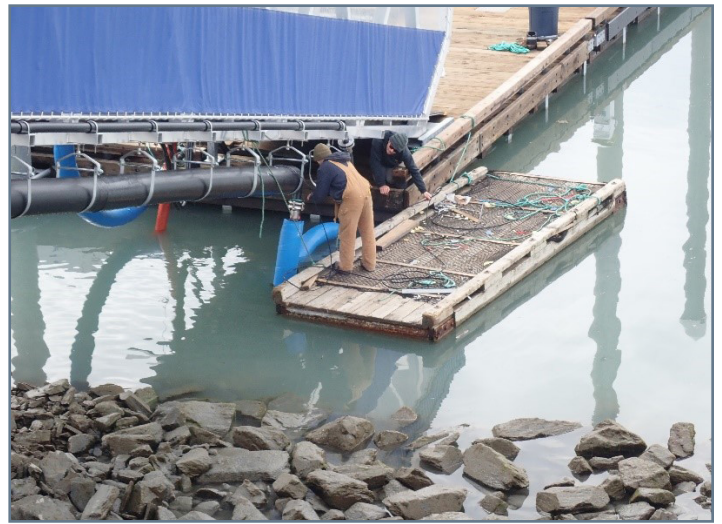
- Finished pressure testing various piping systems for mooring and Drive-Down floats
- Started up and tested electrical and mechanical systems, including Bilge Water treatment equipment
- Selected the date to open the harbor for public use and started planning the opening ceremony
- Set up a process to resolve open cost issues with the Phase 2 Contractor



Drive Down Float and bridge completed. PPM pile driving barge removed. Photo courtesy of J. Talbott.



Installing heater in backflow preventer enclosure at the DD Float



Installing flexible insulated hose for water line from Gangway to Float



Fence around fuel oil and propane tanks next to Warehouse building



Oil Trap bilge water treatment system training



Harbor view looking West. Entrance lower left. Sediment berm lower right. Photo courtesy of J. Talbott.

MAY 2019 PROJECT UPDATE (CONT.)

DESIGN TEAM - CONSTRUCTION SUPPORT

R&M continued processing submittals and resubmittals and responded to questions from subcontractor and City personnel. R&M also provided an environmental engineer to prepare seawater with specific quantities of fuel and metals to simulate contaminated bilge water and collected samples of the simulated bilge water before and after treatment to check the performance of the Oil Trap treatment system. R&M delivered the samples to a laboratory in Anchorage; results are expected middle of June.

USACE NAVIGATION IMPROVEMENTS

The contract with USACE is still open. The City has communicated with the USACE and the Coast Guard about installing the Aids to Navigation (ATON) features at the entrance to the new harbor. The ATON's must be installed before the USACE can close out their contract with the City. If ATON's are not in place prior to the harbor opening, an announcement will be recorded for local notice to mariners.

FUTURE MILESTONES

- Complete the landscaping and asphalt paving at east end of the site
- Substantial Completion inspections for in-water work and remaining sitework items
- Confirm the Oil Trap treatment satisfies contract requirements
- Harbormaster assign slips for boats using the new harbor
- Public Opening Ceremony and official start of harbor operations on June 29th
- USCG install ATON and City/USACE close out contract for navigation dredging and breakwater work
- Complete all work and punchlist items, reconcile quantities and costs, and close out PPM contract
- Complete the testing, procedures and permitting for disposal of treated bilge



Mooring basin looking East. Entrance at upper right. Drive Down Float upper left. Photo courtesy of J. Talbott.

PROJECT TEAM

Nate Duval, Capital Facilities Project Manager, City of Valdez || 907.835.5478 ext. 1

Ronnie Barcak, Project Manager, USACE || 907.753.5755

Kim Nielsen, Group Manager, Waterfront Engineering, R&M Consultants || 907.646.9602

Andy Romine, Project Manager, Pacific Pile and Marine || 907.360.4580

Ron Rozak, Construction Manager, Arcadis || 907.382.2933



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 including M&E startup													
Drive Down Float													
Fabrication/Delivery													
On-site Construction including M&E startup													
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 May 2019 schedule and PPM's recent communications about potential changes.

** WMC contract for dredging and breakwater is complete. *** Contract requires Phase 2 work be completed by October 1, 2019.

BUDGET SUMMARY

Description	Original Budget	Revised Budget	Committed	Expenditures 5/31/19	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,892,420	\$ 3,892,420	\$ 3,725,817	96%	\$ 3,892,420
Design	\$ 1,851,971	\$ 2,215,983	\$ 2,215,983	\$ 2,231,917	101%	\$ 2,231,917
Design Team Services During Construction	\$ 600,000	\$ 1,676,437	\$ 1,676,437	\$ 1,493,900	89%	\$ 1,660,503
PROJECT MANAGEMENT	\$ 2,340,548	\$ 3,091,907	\$ 2,924,869	\$ 2,932,589	95%	\$ 3,091,907
Project Management	\$ 1,740,548	\$ 2,710,370	\$ 2,547,868	\$ 2,560,784	94%	\$ 2,710,370
Inspection/Testing	\$ 600,000	\$ 381,537	\$ 377,001	\$ 371,805	97%	\$ 381,537
USACE CONSTRUCTION - CITY PORTION	\$ 9,345,453	\$ 7,440,980	\$ 7,122,844	\$ 4,738,650	64%	\$ 6,522,845
Initial Basin	\$ 7,145,453	\$ 7,060,980	\$ 7,060,980	\$ 4,676,785	66%	\$ 6,460,980
Other Basin Modifications	\$ 2,200,000	\$ 380,000	\$ 61,864	\$ 61,864	16%	\$ 61,864
CITY CONSTRUCTION	\$ 39,023,904	\$ 44,797,621	\$ 44,720,455	\$ 43,391,269	97%	\$ 44,797,621
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	\$ 25,144,705	\$ 25,144,704	\$ 23,882,620	95%	\$ 25,144,705
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
New Harbor Warehouse Modifications (F&W)	\$ -	\$ 5,000	\$ 5,000	\$ -	0%	\$ 5,000
ADMINISTRATION	\$ 60,000	\$ 125,000	\$ 106,745	\$ 92,554	74%	\$ 125,000
FFE	\$ 100,000	\$ 140,000	\$ 101,542	\$ 92,321	66%	\$ 140,000
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 1,832,229				\$ 2,750,365
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,320,158	\$ 58,868,875	\$ 54,973,200	90%	\$ 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	\$ 80,146,636	\$ 75,531,916	91%	\$ 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 and closeout are anticipated.