

MARCH / APRIL 2019

VALDEZ NEW BOAT HARBOR

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CONSTRUCTION

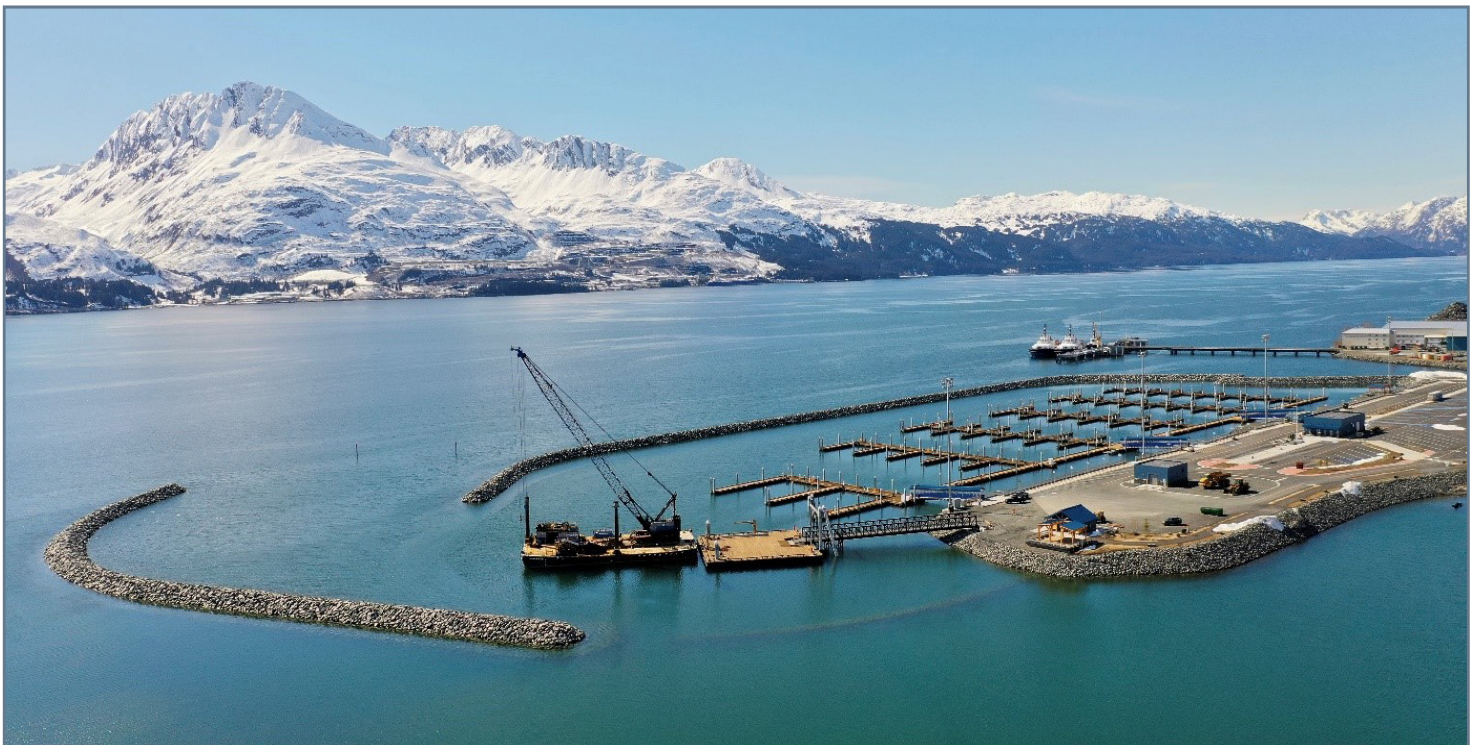
Phase 2 Uplands Facilities and Inner Harbor Facilities

Pacific Pile and Marine (PPM) suspended site work on March 1 and plans to return early May to resume self-performed work and Punchlist items. PPM removed their field office and crew trailers from the site.

Harris Sand & Gravel (HSG) continued installing insulated arctic pipe on the Drive-Down Bridge and Gangways, installed pumps on the floats for the bilge water and sewer systems, flushed and started

PROJECT ACHIEVEMENTS

- Finished installing electrical systems for mooring and drive-down floats
- Constructed the concrete bridge approach slab at east end of the site
- Finished erecting the timber canopies at the picnic areas



Pile driving and floats are installed; PPM's barge is moored next to Drive Down Float. Submerged sedimentation berm is visible at bottom.
Photo courtesy of J.Talbott

MARCH/ APRIL 2019 PROJECT UPDATE (CONT.)

pressure testing the domestic, waste, fire and bilge water lines on the floats. HSG also backfilled and graded the east end of the Uplands for final landscaping and asphalt paving. Zastrow finished erecting the timber canopies for the picnic areas, placed the concrete approach slab at the bridge abutment for the Drive-Down Float, and installed safety railing at several utility equipment locations.

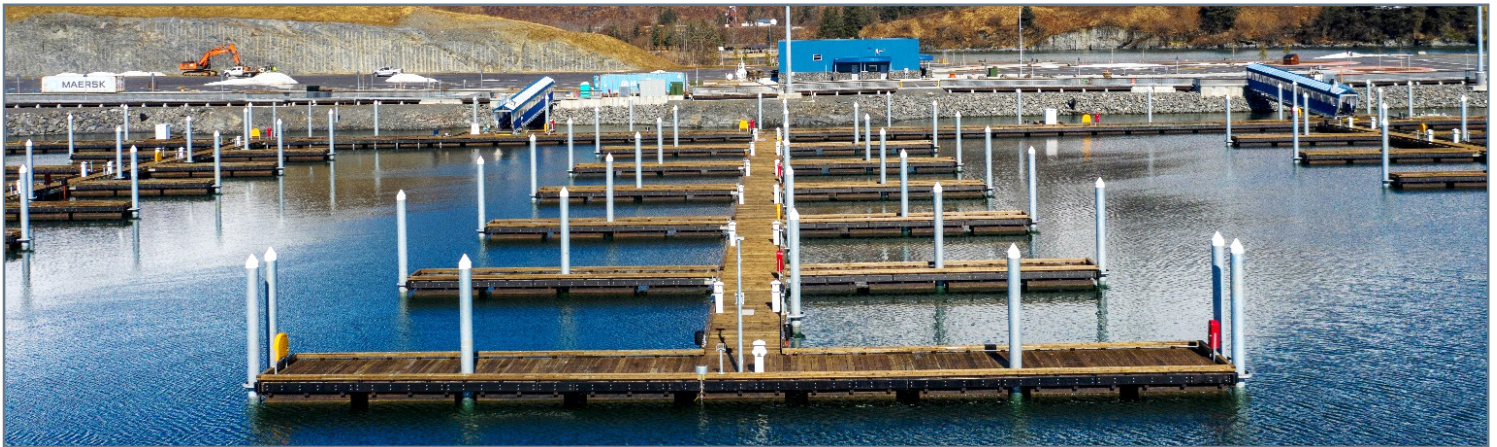
Puffin Electric finished installing power pedestals and pulling and terminating electrical cable at substations installed on the floats. They also finished installing light poles at the south end of main floats, lights at the Gangways, and fiber optic to security cameras on light poles and high mast lights.

DESIGN TEAM - CONSTRUCTION SUPPORT

R&M continued processing submittals and resubmittals and responded to questions from subcontractor and City personnel. R&M also inspected and tested the backfill and placement of rebar and concrete.

USACE NAVIGATION IMPROVEMENTS

The contract with USACE is still open. The USACE issued advance account refunds to the City and the City anticipates receiving additional financial information that will lead to closure. The Coast Guard still needs to install the Aids to Navigation features for the new harbor.



Typical view of mooring floats (S-Float with 50' slips in center) from navigation channel. Photo courtesy of J. Talbott.

FUTURE MILESTONES

- Finish pressure testing various piping systems for mooring and drive-down floats
- Start up and test electrical and mechanical systems, including Bilge treatment equipment
- Complete the landscaping and asphalt paving at east end of the site
- Substantial Completion inspections for in-water work and remaining sitework items
- Harbormaster assign slips for boats in the new harbor
- Close out City's contract with USACE for the navigation dredging and breakwater work

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 April 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 4/30/19	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,892,420	\$ 3,892,420	\$ 3,693,777	95%	\$ 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	\$ 1,461,859	87%	\$ 1,660,503
PROJECT MANAGEMENT	\$ 2,340,548	\$ 2,929,405	\$ 2,924,869	\$ 2,885,291	98%	\$ 3,100,306
Project Management	\$ 1,740,548	\$ 2,547,868	\$ 2,547,868	\$ 2,513,754	99%	\$ 2,718,769
Inspection/Testing	\$ 600,000	\$ 381,537	\$ 377,001	\$ 371,537	97%	\$ 381,537
USACE CONSTRUCTION - CITY PORTION	\$ 9,345,453	\$ 7,440,980	\$ 7,122,845	\$ 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	\$ 44,792,621	\$ 44,715,455	\$ 43,047,118	96%	\$ 44,792,621
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	\$ 25,144,705	\$ 23,538,469	94%	\$ 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
ADMINISTRATION	\$ 60,000	\$ 100,000	\$ 99,245	\$ 92,554	93%	\$ 100,000
FFE	\$ 100,000	\$ 140,000	\$ 100,332	\$ 39,212	28%	\$ 140,332
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 2,064,731				\$ 2,771,634
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,360,158	\$ 58,855,165	\$ 54,496,603	89%	\$ 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	\$ 82,637,919	\$ 80,132,926	\$ 75,055,318	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.

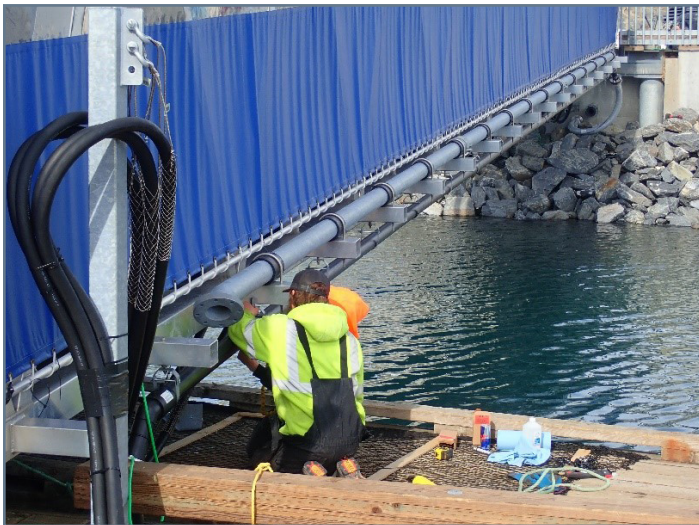
** Reconciliation with USACE is in process; updates are anticipated.



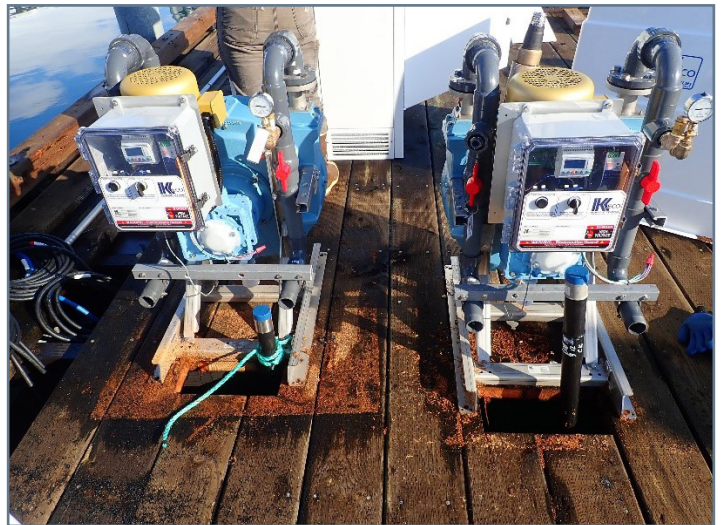
Rebar, arctic pipe risers, bollards for concrete slabs at bridge abutment



Interpretive signs mounted on top rail at a rest area along the boardwalk



Installing flexible transitions for utilities from gangway to float



Installing pumps on gangway float for sewer and bilge water systems



Transfer bridge (144' long) with steel grate deck, mooring frame and drive down float (90'x90') with timber deck and two 2-ton hydraulic cranes.
Photo courtesy of J. Talbott.