

FEBRUARY 2019



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VALDEZ NEW BOAT HARBOR

CONSTRUCTION

Phase 2 Uplands Facilities and Inner Harbor Facilities

Pacific Pile and Marine (PPM) installed the remaining piling, floats and Gangway 3 for the Mooring Basin. PPM also finished installing fencing on the Drive-Down (DD) transfer bridge, installed the 6" thick Glulam decking, 2" wear surface, fenders, bullrails and two cranes on the DD float. PPM subcontractor Global Diving & Salvage welded anodes on the piling below water. The Madison Bay supply barge with pile driving equipment was towed off the site. On March 1, 2019, PPM suspended self-performed work and Punchlist activities until weather is favorable this spring.

Harris Sand & Gravel (HSG) finished installing hangers and pipe for potable water, sewer and fire protection systems on the mooring basin floats. They continued installing insulated "Arctic" pipe on the DD transfer bridge and gangways, installed pipe for the fire protection system on the DD float and started installing pumps on the floats for the bilge and sewer systems.

Puffin Electric continued installing power pedestals, pulling and terminating electrical cable at substations being installed on the floats. They also installed light poles at the south end of main floats, lights for the gangways, and pulled conduit to the light poles for fiber optic cable to security cameras.

PROJECT ACHIEVEMENTS

- Installed piling and floats for headwalk floats M21 and M22, Gangway 3 and R-float, and welded anodes on all piling; this completes installation of all piles and floats
- Completed installing the decking, bullrails and fenders on the DD float
- Demobilized the supply barge and most equipment; the pile driving barge and crane remain on site



Driving R-Main float pile RM4 with vibratory hammer

FEBRUARY 2019 PROJECT UPDATE (CONT.)

DESIGN TEAM - CONSTRUCTION SUPPORT

R&M continued processing submittals and resubmittals and responded to questions on design documents from field personnel. R&M also finished inspecting the drilling and driving of piling for mooring basin floats and inspected the above water portions of the drive-down and mooring floats with representatives from the City and PPM.

USACE NAVIGATION IMPROVEMENTS

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

FUTURE MILESTONES

- Finish installing electrical and mechanical systems for mooring and drive-down floats
- Start up and test electrical and mechanical systems, including equipment in Bilge Treatment building
- Complete the concrete bridge approach slab for transfer bridge and asphalt paving at east end of site
- Substantial Completion inspections on in-water work and remaining sitework items
- Closeout City's contract with USACE for the navigation dredging and breakwater work



Lifting Gangway 3 into position on shore lug (left) and float landing plate

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





Installing water pipe and power pedestals



Harris Sand & Gravel installing Arctic pipe on Gangway 3



Puffin terminating conductors on lugs in float power pedestal



Installing bottom tension rods for fence on DD bridge



Drive Down Float decking and bull rails are installed



Installing fender assemblies on DD float

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

*Solid lines reflect PPM's February 2019 schedule and PPM's recent communications about potential changes.

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

BUDGET SUMMARY

Description	Original Budget	Revised Budget	Committed	Expenditures 2/28/19	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,892,420	\$ 3,892,420	\$ 3,602,670	93%	\$ 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	\$ 1,370,753	82%	\$ 1,660,503
PROJECT MANAGEMENT	\$ 2,340,548	\$ 2,929,405	\$ 2,924,869	\$ 2,807,020	96%	\$ 3,100,306
Project Management	\$ 1,740,548	\$ 2,547,868	\$ 2,547,868	\$ 2,435,482	96%	\$ 2,718,769
Inspection/Testing	\$ 600,000	\$ 381,537	\$ 377,001	\$ 371,537	97%	\$ 381,537
USACE CONSTRUCTION - CITY PORTION	\$ 9,345,453	\$ 7,645,453	\$ 7,525,453	\$ 5,141,258	67%	\$ 6,522,845
Initial Basin	\$ 7,145,453	\$ 7,145,453	\$ 7,145,453	\$ 4,761,258	67%	\$ 6,460,980
Other Basin Modifications	\$ 2,200,000	\$ 500,000	\$ 380,000	\$ 380,000	76%	\$ 61,864
CITY CONSTRUCTION	\$ 39,023,904	\$ 44,759,568	\$ 44,690,529	\$ 42,015,791	94%	\$ 44,738,748
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	\$ 25,111,651	\$ 25,119,778	\$ 22,507,142	90%	\$ 25,090,832
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	\$ 1,893,311				\$ 2,825,506
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,360,158	\$ 59,232,848	\$ 53,698,506	88%	\$ 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	\$ 80,510,609	\$ 74,257,222	90%	\$ 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.

***Expenses are through 2/28/19.