

SEPTEMBER 2017

VALDEZ NEW BOAT HARBOR

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CONSTRUCTION

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. They completed the foundations, placed floor slabs in Bilge Treatment and East Restroom buildings, finished laying masonry walls for the Restroom and placed the stone veneer for Bilge Treatment and Restroom buildings, installed trusses and roofing on the Bilge Treatment building and roof trusses on the Restroom building. The fabrication plant in Houston reported that major flooding in that area would delay shipment of the structural steel for the Warehouse building until mid-November. Delivery will be too late for erecting the steel and enclosing the Warehouse building to allow interior work during the winter. The City of Valdez (COV) responded to questions on the Request for Proposal (RFP) for Fuel Facility and again extended the date for submission of proposals.

DESIGN

Phase 2 is a single contract package consisting of Uplands Facilities (warehouse building, east restroom, bilge 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 continued: reviewing material and shop drawing submittals, responding to Requests for Information (RFIs) and clarifications of construction documents, performing daily observations of work, testing soil and concrete, and performing

PROJECT ACHIEVEMENTS

- Completed review of shop drawings for the most important building components
- Completed concrete footings and foundation walls for the uplands buildings
- Continued fabrication of mooring float and drive-down float components
- Placed floor slab, installed walls, laid stone veneer and installed roof for Bilge Treatment building
- Placed floor slab, laid masonry blocks, stone veneer and installed roof trusses for the East Restroom
- Finished footings, foundation walls and canopy piers for the Warehouse building



Bilge Bldg walls, stone veneer, roof installed; ready for siding

SEPTEMBER 2017 PROJECT UPDATE (CONT.)

special inspections for construction of the uplands buildings.

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 indicated that WMC has completed the dredging and breakwater work. The USACE Alaska District and Pacific Division Commanders and senior civilian staff toured the new harbor site. The USACE finished reviewing WMC's survey and informed the COV that they encountered discrepancies and that USACE would hire a consultant to perform a second hydrographic survey. The USACE took possession of the in-water rock area along the north bank of the west mooring basin and turned that area over to the COV. The USACE also indicated the remainder of the basin would be turned over to the COV before the end of December. Arcadis has received updated financial information from the USACE and continues coordinating for closeout of the USACE contract with the COV.

FUTURE MILESTONES

- Finish enclosing Bilge Treatment and East Restroom to allow interior work
- Start electrical and mechanical rough-in for Bilge Treatment and East Restroom
- Begin assembling mooring and drive-down float sections at Seattle area shops
- Receive approved survey of the basin from the USACE
- Closeout COV contract with USACE for the dredging and breakwater work
- Receive and review responses to Fuel Facility RFP



Restroom - Mortaring native rock wainscot on steel support



Warehouse Building – Concrete placed in stem wall and pier forms

PROJECT TEAM

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East Restroom – Setting roof trusses



Restroom - Drilling holes for securing concrete core drill



Restroom - Walls, stone veneer installed; roof partially sheathed



Restroom – Drilling Mechanical Room walls for plumbing pipe



East Picnic Area platform (Phase 1). East Restroom, Bilge Treatment building (above) and Warehouse (beyond) in process 2017 (Phase 2)



Bilge Building - Walls, stone veneer, roof installed; ready for siding

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													
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 show PPM's preliminary schedule (Uplands Facilities adjusted by Arcadis for Warehouse steel delay). Dotted lines are Contract defined schedule. ** WMC finished dredging and breakwater; final survey and contract closeout continue. *** Contract requires Phase 2 work to be completed by October 1, 2019

BUDGET SUMMARY

Description	Original Budget	Revised Budget	Committed	Spent as of 9/30/17	% Spent	Estimate at Completion
DESIGN	\$ 2,451,971	\$ 3,659,047	\$ 3,659,047	\$ 2,626,964	72%	\$ 3,683,509
Design	\$ 1,851,971	\$ 2,215,983	\$ 2,215,983	\$ 2,231,917	101%	\$ 2,240,445
Design Team Services During Construction	\$ 600,000	\$ 1,443,064	\$ 1,443,064	\$ 395,046	27%	\$ 1,443,064
PROJECT MANAGEMENT	\$ 2,340,548	\$ 2,922,518	\$ 2,922,518	\$ 2,127,175	73%	\$ 2,919,405
Project Management	\$ 1,740,548	\$ 2,547,868	\$ 2,547,868	\$ 1,755,637	69%	\$ 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%	\$ 7,525,453
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	\$ 45,020,830	\$ 44,943,664	\$ 20,844,311	46%	\$ 45,020,830
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	\$ 24,927,549	\$ 24,927,549	\$ 1,340,562	5%	\$ 24,927,549
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	\$ 247,412	79%	\$ 311,579
CCTV/Security/Head End Equipment	\$ 80,000	\$ 80,000	\$ 2,834	\$ -	0%	\$ 80,000
ADMINISTRATION	\$ 60,000	\$ 65,000	\$ 102,263	\$ 84,408	130%	\$ 86,410
FFE	\$ 100,000	\$ 100,000	\$ -	\$ -	0%	\$ 100,000
CONTINGENCY (@ 15% original budget)	\$ 7,998,281	\$ 1,907,309				\$ 1,984,550
TOTAL CITY FUNDED	\$ 61,320,158	\$ 61,320,158	\$ 59,152,946	\$ 30,824,115	50%	\$ 61,320,158
USACE FUNDED**	\$ 21,277,761	\$ 21,277,761	\$ 21,277,761	\$ 19,992,705	94%	\$ 21,277,761
TOTAL CITY/USACE FUNDING	\$ 82,597,919	\$ 82,597,919	\$ 80,430,707	\$ 50,816,821	62%	\$ 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.