



July 2015

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VALDEZ NEW BOAT HARBOR

CONSTRUCTION UPDATE (Phase 1 Uplands Civil Work)

The bid opening for the Phase 1 construction project was March 18, 2015. Four bids were received. A contract was awarded to Harris Sand & Gravel, Inc. (HS&G) with Notice-to-Proceed issued on April 13, 2015.

HS&G began mobilizing equipment on April 27, 2015 and started site work two days later. Initial work included clearing brush and creating a two-way access from South Harbor Drive to the top of Hotel Hill for vehicles hauling material from the project site.

A Storm Water Pollution Prevention Plan (SWPPP) was implemented which includes cleaning of City streets and placing of silt curtain in tidelands. HS&G and the City have worked continuously to mitigate any impact of hauling activities on the public and fisheries.

Phase 1 of the harbor development project involves a large amount of excavation, blasting, onsite fill, and offsite hauling. The project will move over 600,000 cubic yards (CY) of soil and rock. To expedite the earthwork schedule, articulated "wobble wagons" hauled approximately 80,000 CY of clearing, grubbing and unsuitable overburden material to Meals Hill until June 26, 2015. After creating adequate site access, conventional side dump trucks began hauling overburden from Hotel Hill to the City Landfill for fill and stockpiled for use as cover material. By July 31, 2015 approximately 240,000 CY has been delivered to the Landfill. Hauling to the Landfill will continue until all excess unusable and usable soil is removed. HS&G hauled approximately 25,000 CY of usable excavation to the Sea Otter parcel to raise the grade and has stockpiled approximately 125,000 CY of shot rock at Sea Otter for future processing and project use. Overburden excavation at Hotel Hill is approximately 90% completed; most of the remaining usable soil will be used for fill at the site. Shot rock, approximately 4,000 CY through July, is periodically hauled to the City's Haul Road Disposal Site NE and stockpiled for City use on other projects.

PROJECT ACHIEVEMENTS

1. Phase 1 Uplands (civil work)
Conformed Documents Issued
2. Phase 1 Uplands (civil work)
Contract Award
 - Initial Site Survey
 - Created and Implemented SWPPP
 - Mobilized Equipment
 - Started Excavation and Hauling Excess Hotel Hill Overburden
 - Started Blasting and Hauling Excess Rock
 - Started Placing East Uplands Fill
3. Phase 2 Inner Harbor
 - Issued Floats 65% Design
4. Phase 3 Uplands Facilities
 - Issued 65% Design
5. Issued and Received Responses to Request for Expression of Interest for Fuel Facilities



Placing filter rock on slope at SE corner of tidelands fill.

JULY 2015 PROJECT UPDATE (CONT.)

HS&G set up a mobile crusher on the site and has been producing 8" minus material for fill at the site and for berms at Sea Otter.

Advanced Blasting mobilized equipment and has been drilling and blasting bedrock throughout the site. This effort is required to achieve design grades and produce rock for general fill and classified uses. Usable excavation and crushed material have been placed and compacted to 10' elevation for construction of the fill at east end of the site. By July 31, 2015, approximately 40,000 CY of fill was placed, with filter rock and riprap from Valdez Quarry placed to protect the fill slopes.

DESIGN PROGRESS

R&M Consultants, Inc. is providing design for the harbor project, including plans, specifications and construction cost estimates. They are providing support for the Phase 1 construction work and continue to work with the City to refine a Master Waterfront Development Plan with phased design packages. Phase 2 Floats and Phase 3 Uplands Facilities designs have progressed to the 65% level and have been reviewed with City staff and the Ports & Harbor Commission. The 95% Phase 2 Floats design is anticipated by November 26, 2015. The 35% Drive-Down Ramp design is anticipated by September 17, 2015 with the 65% design expected in mid-November. The 35% Fish Cleaning Station design is anticipated August 27, 2015 with the 65% design expected in mid-October 2015. R&M is coordinating basin modifications with the US Army Corps of Engineers (USACE) to integrate the Phase 2 Floats package into the USACE designed basin.

USACE NAVIGATION IMPROVEMENTS

USACE is administering the dredging and breakwaters work contract. That contract was awarded to Western Marine Construction, Inc. Onsite construction is anticipated to begin in Spring 2016. The Contractor is currently producing the quarry rock to be used in the breakwater construction. USACE is working with the resource agencies on a permitting modification to allow in water blasting work.

FUTURE MILESTONES

1. Phase 1 Uplands (Civil)
 - Complete Hauling Excess Material
2. Phase 2 Inner Harbor Floats - Issue 95% Design
3. Phase 3 Uplands Facilities - Issue 95% Design
4. Ramp and Fish Cleaning Station - Issue 35% Design



Excavating saturated material below subgrade at bog.

PROJECT TEAM

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Compacting gravel cover on fill at Sea Otter.



Advanced Blasting placing explosives and detonating materials.



Delivering filter rock from Quarry to stockpile site near tidelands fill.



Excavating recently shot rock to widen west entrance.



Loading shot rock from east end for fill on the site.



Placing riprap on filter rock at toe along north side of tidelands fill.

PRELIMINARY PROJECT SCHEDULE

* Schedule and Scope depends on funding and USACE's completion of dredging and breakwater.

Task	2014	2015				2016				2017				2018
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
CITY OF VALDEZ WORK														
Corps of Engineers Permit														
Phase 1 Uplands (Civil Work)														
Design/Bid/Award														
Construction														
Phase 2 Inner Harbor Facilities (including Launch Ramp)														
Design/Bid/Award/Procurement*														
On-Site Construction*														
Uplands Facilities														
Design/Bid/Award/Procurement*														
On-Site Construction*														
Future Facilities	TBD													
CORPS OF ENGINEERS (USACE) WORK														
Harbor Dredging and Breakwaters														
Quarry Development/Dredging/ Breakwater Construction														

OBLIGATION SUMMARY

DESCRIPTION	COMMITTED	SPENT AS OF 7/31/15
Design	\$1,698,971	\$899,518
Design Team Services During Construction	\$172,189	\$39,449
Project Management Services	\$840,186	\$514,454
Inspection/Testing Services	\$194,850	\$50,250
USACE Construction - City portion	\$7,145,453	\$4,761,258
Enabling Works	\$64,900	\$64,900
Phase 1 Uplands Construction Contract	\$19,003,360	\$6,494,292
Administration	\$24,409	\$24,409
TOTAL*	\$29,144,318	\$12,848,531

* Funding 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.