

# VALDEZ NEW BOAT HARBOR PHASE 1 - UPLANDS

## CONSTRUCTION PROGRESS REPORT No. 49

SEPTEMBER 5, 2016 – SEPTEMBER 11, 2016

### KEY CONSTRUCTION ACTIVITIES

This period Harris Sand & Gravel (HS&G):

- Continued implementing SWPPP and traffic controls.
- Continued forming and placing concrete for stemwalls, curbs, ramps, utility pads and sleeper keys.
- Installed bollards at maintenance access areas.
- Flushed, chlorinated, and tested water service lines at ramps.
- Tested pressure and duration for backflow preventer service and discharge lines.
- Puffin continued setting and assembling switchboards and lighting control panels.
- Puffin started pulling wire and set light poles along the access drives.
- Landscape subcontractor continued placing and spreading topsoil.
- Placed Type II-A for finish subgrade except at rock staging area used by Western Marine.
- Shaped the west mound, placed landscape boulders and spread topsoil.
- Impact hammered bedrock to deepen ditches and place conduit for GCI near the West Access.

Western Marine continues dredging the new harbor basin, hauling rock from Valdez Glacier Quarry, and placing rock by barge and trucks for construction of the breakwaters.

EMC inspected general progress, work layout, tested soil compaction and sampled and tested concrete. Photographs by ARCADIS and EMC unless noted.



Western Marine dredging sediment along future head float location in northwest harbor basin

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Machine placing curb & gutter at maintenance pad



Placing standard sidewalk next to brick imprint



Delivering Type II-A gravel for final subgrade



Spreading topsoil on berm along West Access



Grading Type II-A to proper elevation along curb



Island separates West Access from launch ramp