

VALDEZ NEW BOAT HARBOR PHASE 1 - UPLANDS

CONSTRUCTION PROGRESS REPORT No. 37

JUNE 13, 2016 – JUNE 19, 2016

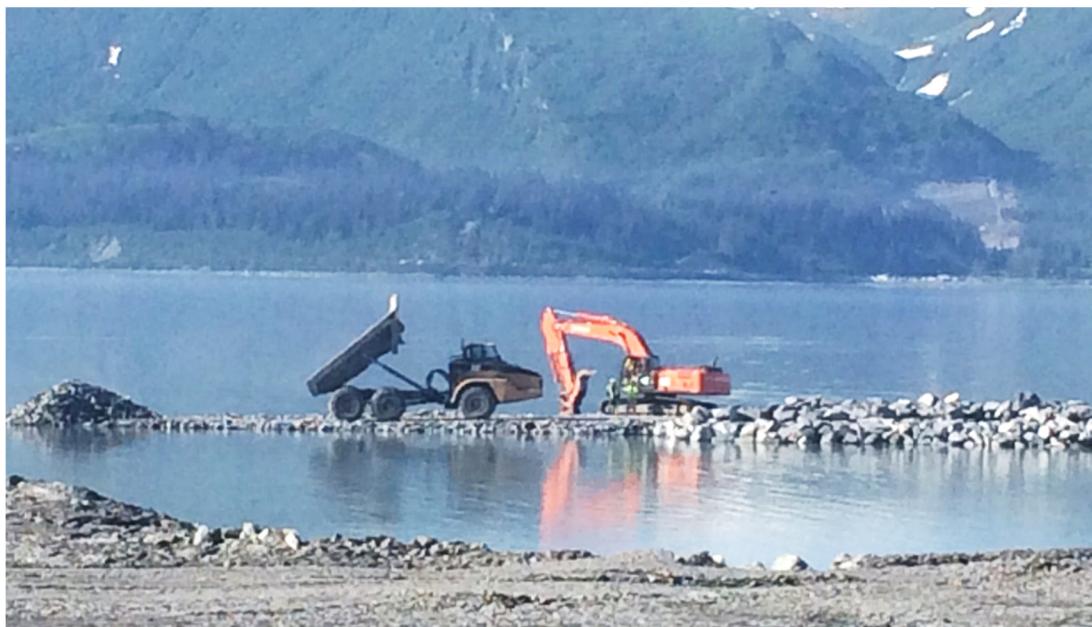
KEY CONSTRUCTION ACTIVITIES

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

- Continued implementing SWPPP and traffic controls.
- Placed concrete for foundations and piers for future canopies at East and West Picnic areas.
- Excavated, placed bedding, installed pipe, and backfilled water service line to future fuel tank farm.
- Installed fire hydrant assembly and arctic pipe to backflow preventer for water service at Ramp 3.
- Grouted Snap-Tie (form board fastener) holes on retaining walls for the three ramps.
- Trenched and placed conduit for telecom line to future harbormaster building.
- Placed and backfilled conduit stubs for extension of power to future Drive-Down Ramp.
- Backfilled the storm drain pipes at two outfall locations.
- Finished bedding, installing conduit (CVEA, CVTC, GCI) and backfilling in common trench.
- Continued installing conduit (Puffin Electric) in trench for street and high mast lighting.
- Backfilled light pole foundation footings along both access driveways.
- Placed sealant at sidewalk expansion joints.
- Graded, formed and placed concrete pads for sleepers that will support the timber boardwalk.
- Continued filling to subgrade design tolerance and started placing crushed gravel for finish grade.
- Graded and compacted base course, laid out and started placing concrete curb and gutter, initially at the future Wash-Down Pad.

Western Marine continues dredging the new harbor basin and placing materials for three breakwaters.

EMC inspected general progress, layout, utility installation, fill placement and rebar placement. They also tested soil compaction and sampled and tested concrete. Photographs by ARCADIS and EMC unless noted.



Western Marine placing rock to construct the south breakwater. Photo by J. Talbott

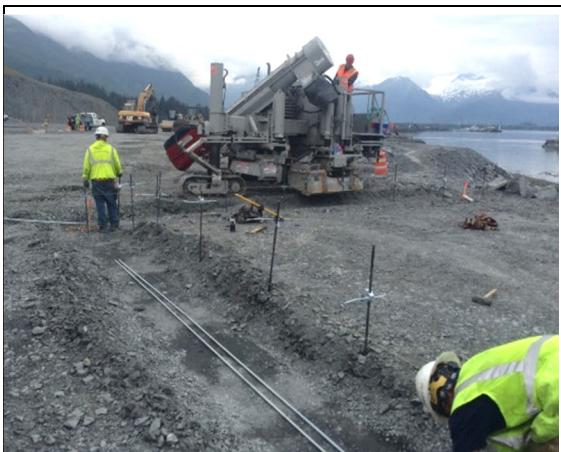
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Fusing arctic pipe for backflow preventer at east ramp



Preparing to place curb at future Wash Down Pad



Placing insulation around fused joint in arctic pipe



Placing steel reinforcement for curb



Backflow preventer pipe and hydrant assembly at Ramp 3



Saw cutting end of curb for clean joint

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Subcontractor (Zastrow) crew placing concrete in forms for boardwalk sleeper keys



Dumping, grading and compacting crushed gravel to provide finish grade for curbs and pavement