VALDEZ NEW BOAT HARBOR PHASE 1 - UPLANDS

CONSTRUCTION PROGRESS REPORT No. 48 AUGUST 29, 2016 - SEPTEMBER 4, 2016

KEY CONSTRUCTION ACTIVITIES

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

- Continued implementing SWPPP and traffic controls.
- Continued forming and placing concrete for stemwalls, sidewalk, curbs, ADA ramps and utility pads.
- Continued placing boardwalk sleepers, brackets, stringers, bull rails, guardrails and handrails.
- Continued backfilling along boardwalk stemwalls.
- Chlorinated water and fire hydrant lines at Ramps #1 and #2.
- Continued installing steel bollards at fire hydrant locations.
- Stockpiled topsoil and began placing and spreading.
- Continued preparing grade for curb and gutter and sidewalk.
- Installed bushings and bonding for grounding street light foundations and hand holes.
- Puffin Electric started assembling and setting switchboard cabinets.

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.



Concrete curb and sidewalk, boardwalk decking, bullrail and handrail at West Rest Area



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Boardwalk guardrail attached at bottom to bullrail



Attaching timber top plate to guardrail assembly



Finishing concrete for sidewalk prior to stamping



Stamping brick pattern into red concrete



Setting cabinet for main meter and east Ramp #3

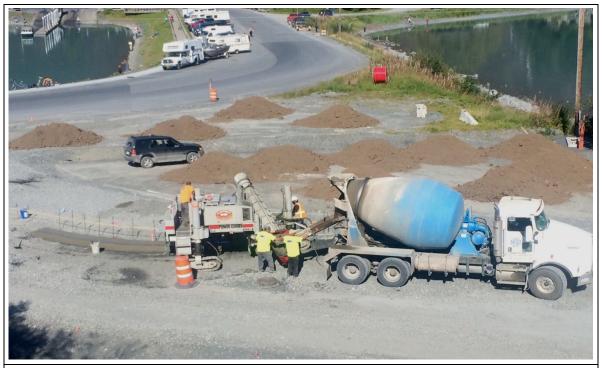


Back side of main electrical equipment cabinet



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Slipform machine placing curb and gutter along East Access; topsoil stockpiled for spreading near entrance



Western Marine truck delivering armor rock for excavator to place near entrance end of south breakwater

