

# VALDEZ NEW BOAT HARBOR PHASE 1 - UPLANDS

## CONSTRUCTION PROGRESS REPORT No. 47

AUGUST 22, 2016 – AUGUST 28, 2016

### KEY CONSTRUCTION ACTIVITIES

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

- Continued implementing SWPPP and traffic controls.
- Continued forming and placing concrete for boardwalk stemwalls, sidewalk, curb and gutter.
- Continued placing timber decking for boardwalk and picnic areas.
- Continued placing concrete for utility pads at abutment retaining walls.
- Installed bull rails, guardrails and timber handrails for boardwalk and picnic areas.
- Placed concrete for northeast island curb and sidewalk in parking area.
- Placed riprap at north side of foundation for High Mast Light #2.
- Backfilled boardwalk stemwalls and placed Type II-A for Harbor Master building pad.
- Prepared gravel pad for curb and gutter at future fuel line and bilge water area.
- Installed bollards at west fire hydrants.

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 deck with bullrail, and concrete utility pad

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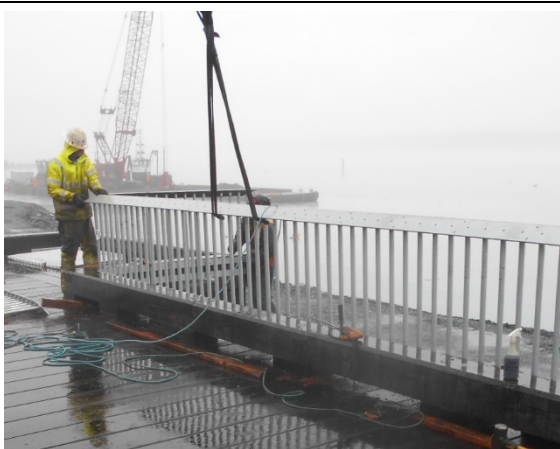
AUGUST 22, 2016 – AUGUST 28, 2016



Installing bullrail on top of boardwalk deck



Edge form, control joint and mesh for sidewalk



Placing section of guardrail along bullrail



Placing and leveling concrete for sidewalk



Drilling holes to bolt guardrail to bullrail



Freshly finished concrete for sidewalk



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Placing concrete for separation sidewalk between curb and boardwalk



Guardrail with top plate attached to bullrail at rest area. Timber handrail will be bolted on the top plate.