

# VALDEZ NEW BOAT HARBOR PHASE 1 - UPLANDS

## CONSTRUCTION PROGRESS REPORT No. 44

AUGUST 1, 2016 – AUGUST 7, 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.
- Began installing glulam saddle brackets and placing glulam beams for boardwalk.
- Continued placing and grouting boardwalk sleepers on keys.
- Placed forms for utility pad retaining wall at Ramp #1 abutment.
- Placed concrete stemwall at one of the maintenance access areas.
- Completed hydrostatic testing of water main line throughout the site.
- Flushed backflow preventer and dry stand fire line at Ramp #1.
- Installed inlet boxes and culvert drain pipes at Ramps #1, #2, and #3.

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. The City is coordinating with Western Marine and USACE to widen the maneuvering channel and create more basin area at the west end.

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



Boom truck setting a pad for electrical equipment near water services and hydrant at a ramp

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Installing saddle brackets to boardwalk sleepers



Machine places concrete curb without forms



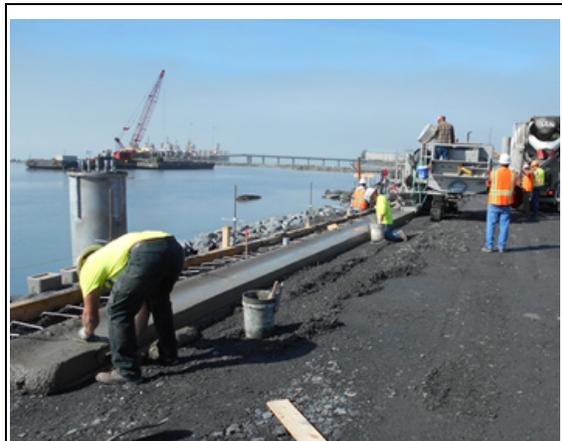
Placing glulam beams in saddle brackets



Placing concrete for sidewalk along boardwalk



Beams ready for placing timber decking



Hand finishing concrete curb placed by machine

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Western Marine sorting and loading rock for breakwater



Placing concrete in stemwall forms near utility pad area