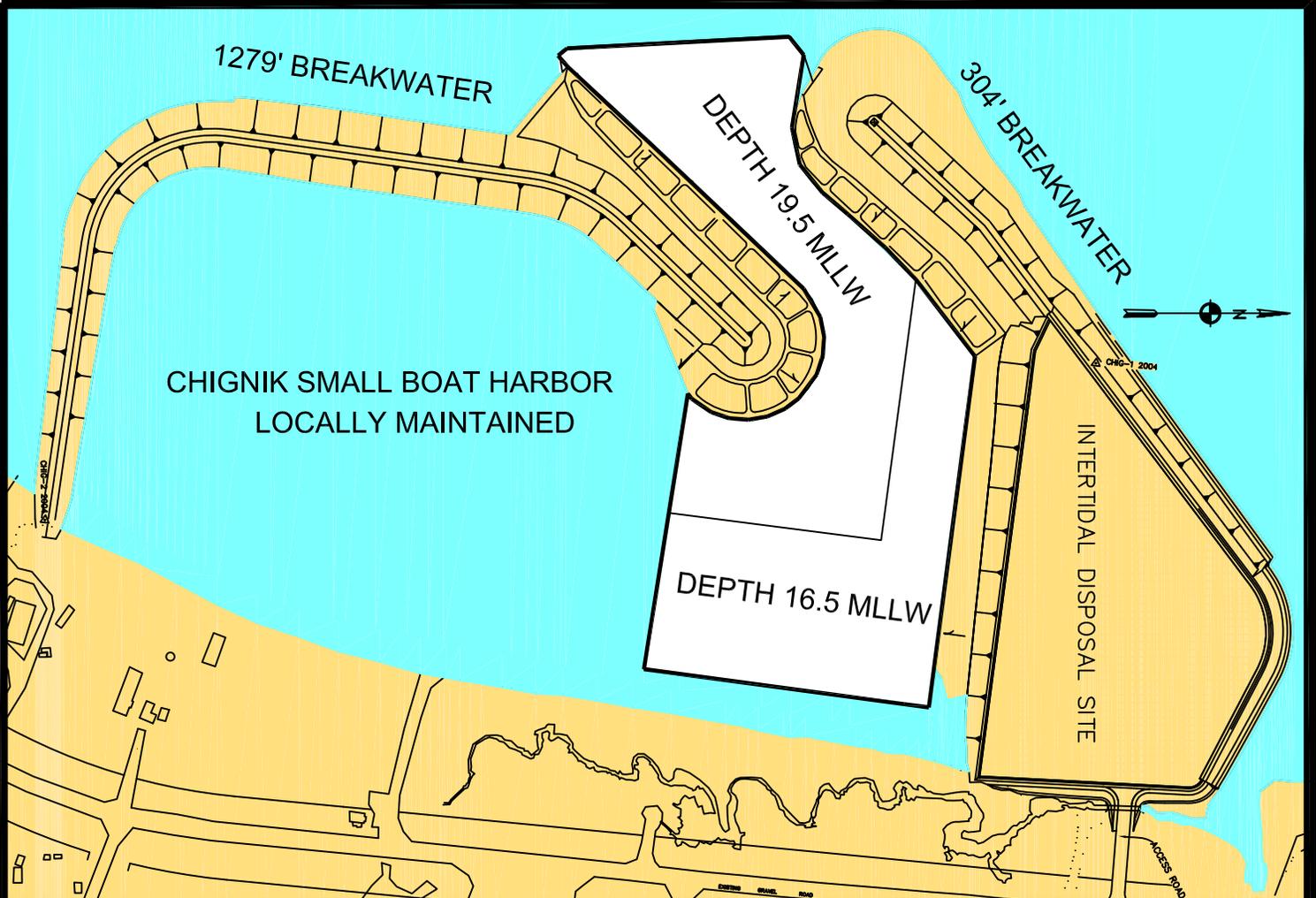
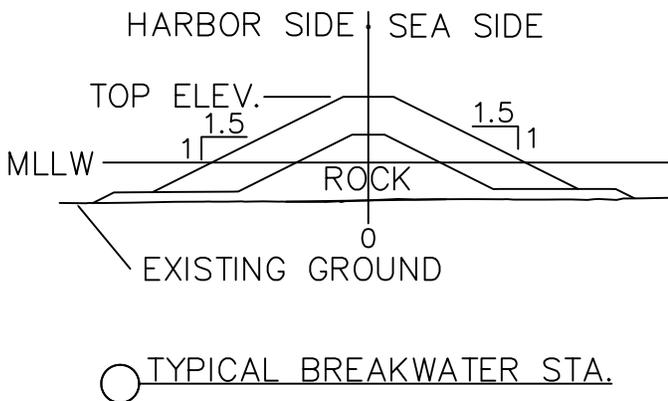


# **CHIGNIK HARBOR**



VICINITY MAP



# CHIGNIK, AK

REVISED: 2011

Lat: 56°17'45.09"N  
Long: 158°24'04.24"W



**CHIGNIK HARBOR, ALASKA**  
(CWIS NOS. 10375, 87214, & 87394)

Condition of Improvement 30 September 2011

**AUTHORIZATION:** WRDA 96, PL 104-303 Section 101(b) PROJECTS SUBJECT TO REPORT—  
The following projects for water resource development and conservation and other purposes are authorized to be carried out by the Secretary substantially in accordance with the plans, and subject to the conditions, recommended in a final report (or in the case of the project described in paragraph (10), a Detailed Project Report) of the Corps of Engineers, if the report is completed not later than December 31, 1996: (1) CHIGNIK, ALASKA—The project for navigation, Chignik, Alaska, at a total cost of \$10,365,000, with an estimated Federal cost of \$4,282,000 and an estimated non-Federal cost of \$6,083,000.

| <b>EXISTING PROJECT:</b>          | <u>LENGTH</u> | <u>DEPTH</u> | <u>WIDTH</u> |
|-----------------------------------|---------------|--------------|--------------|
| Basin (irregular shape) . . . . . | 372 ft        | -16.5 ft     | 341 ft       |
| Entrance Channel . . . . .        | 650 ft        | -19.5 ft     | 100 ft       |

**PROJECT USEAGE:** The new small boat harbor will be used as a base for commercial fishing which is the primary industry of Chignik, Alaska.

**PROGRESS OF WORK:**

- 2009 - About 134,700 cubic yards of material was dredged and placed upland for erosion control in creation of a new boat harbor. The new harbor has 2 breakwaters, the north breakwater being about 304' long and the south breakwater being about 1279' long. The federal cost was \$6,155,447.
- 2010 - Dredged the entrance channel and mooring basins. Armored slope protection was applied to basin slopes. A Post Dredge Survey of the harbor was conducted after construction was completed in September 2010.

**COST TO DATE:**

|                            |              |                                    |             |
|----------------------------|--------------|------------------------------------|-------------|
| GI PED Appropriation 10375 | \$162,890    | CG Costs 87394                     | \$932,499   |
| GI PED Costs 10375         | \$162,890    | CG Appropriation 87214             | \$5,000     |
| CG Appropriation 10375     | \$14,534,976 | CG Costs 87214                     | \$5,000     |
| CG Costs 10375             | \$14,529,621 | CG Contributed Appropriation 10375 | \$5,151,286 |
| CG Appropriation 87394     | \$932,499    | CG Contributed Costs 10375         | \$4,658,840 |

| <b>RANGE OF TIDE:</b> | <u>Mean Range</u> | <u>Diurnal Range</u> | <u>Extreme Range</u> |
|-----------------------|-------------------|----------------------|----------------------|
|                       | 6.68'             | 8.93'                | 13.6'                |

**CONTROLLING DEPTH:** For the Entrance Channel a depth of -19.9 feet MLLW controls and for the Basin a depth of -17.1 feet MLLW controls, July 2010.

## Chignik Harbor, Chignik, Alaska



Top is Chignik Harbor in summer 2010 and bottom is an oblique taken in spring 2006.