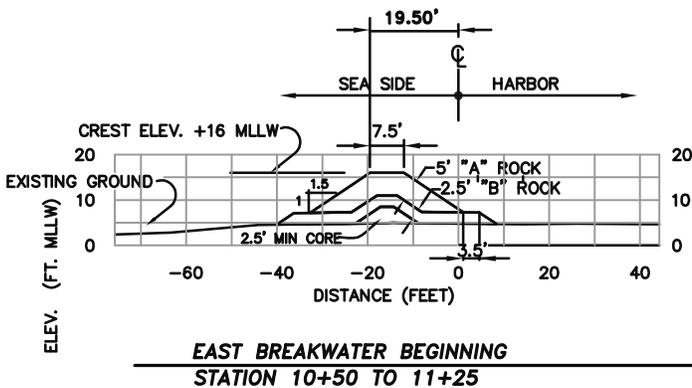
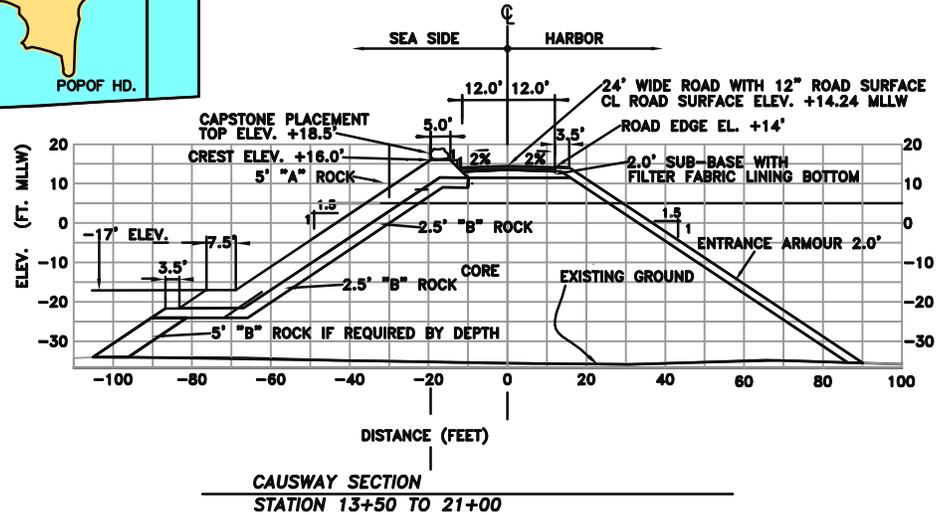
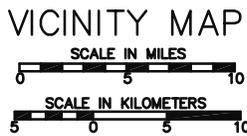
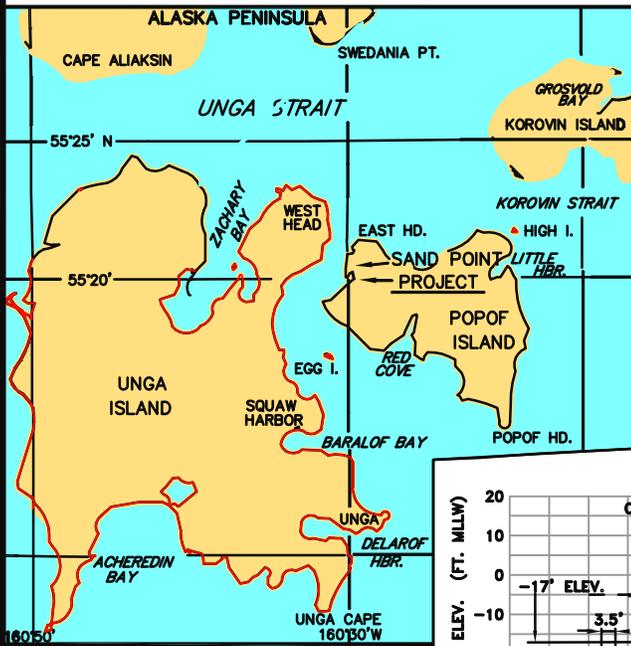
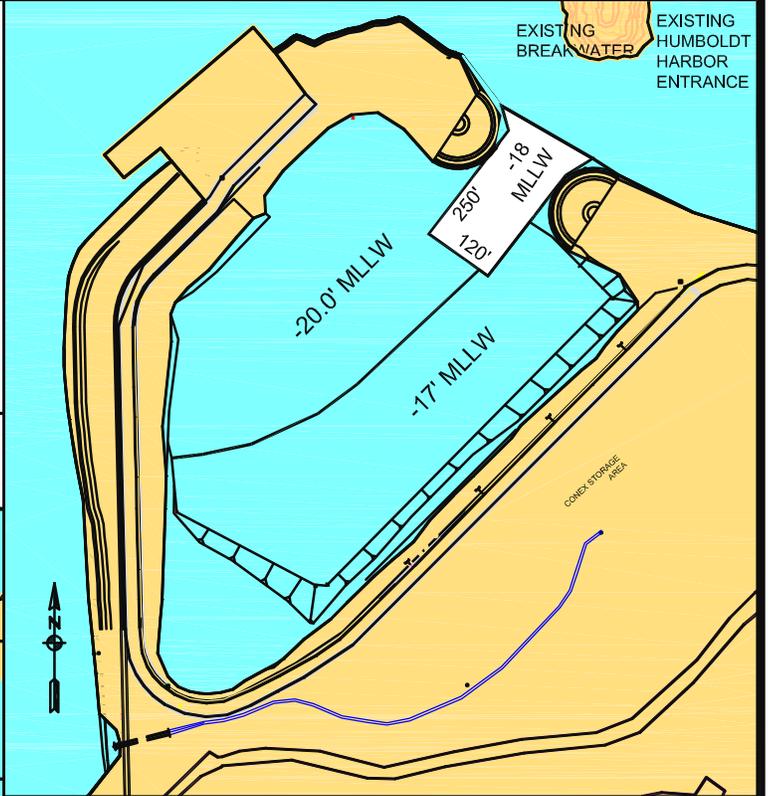
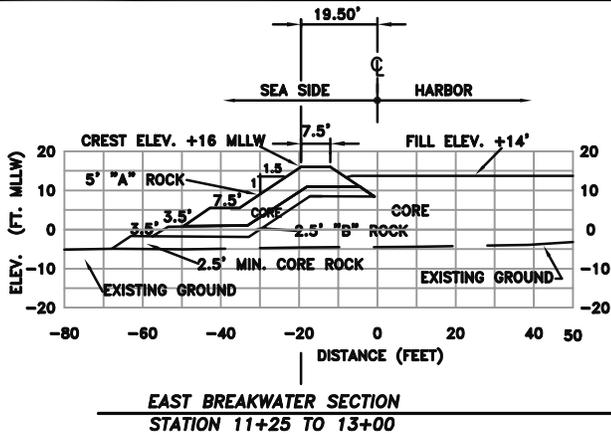


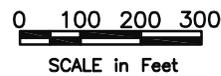
**SAND POINT HARBOR
(ROBERT E. GALOVIN)**



SAND POINT HARBOR (ROBERT E. GALOVIN)

REVISED: 2009

Lat: 55°19'50.37"N
Long: 160°30'11.00"W



**SAND POINT HARBOR (ROBERT E. GALOVIN)
SAND POINT, ALASKA
(CWIS NO. 010392)**

Condition of Improvement 30 September 2010

AUTHORIZATION: The project was authorized in PL 106-53, Section 101 (a) (2), Water Resources Development Act of 1999 on August 17, 1999. (2) SAND POINT HARBOR, ALASKA.- The project for navigation, Sand Point Harbor, Alaska: Report of the Chief of Engineers dated October 13, 1998, at a total cost of \$11,760,000, with an estimated Federal cost of \$6,964,000 and an estimated non-Federal cost of \$4,796,000.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Entrance Channel	250 feet	-18 feet	120 feet
• Basin	700 feet	-17 feet	500 feet
• Rubble Mound Basin Breakwater	1,125 feet		

PROJECT USAGE: The project provides protected moorage for 37 local and transient commercial fishing boats with provision to allow one-way traffic of vessels 150 feet in length with a 34-foot beam and 10.5 foot draft. Fishing (seining and trolling) and fish processing are important parts of the Sand Point economy.

DESCRIPTION OF PROJECT: The project consists of a 8.6 acre mooring basin adjacent to Humboldt Harbor and utilizes the same entrance channel. The basin is protected by the construction of 1,125 feet of rubble mound breakwater with a crest elevation of +18 ft. MLLW with a 24 ft. wide causeway constructed at an elevation of +14 ft MLLW down the centerline of the breakwater. The breakwaters are designed to withstand the forces of a 6.6 foot wave. The entrance channel was constructed by removing 265 ft of the previously constructed causeway then re-armored to protect the side slope of the channel. The entrance channel is to be dredged to -18 ft MLLW, and 120 feet wide to allow one-way traffic of vessels 150 feet in length with a 34-foot beam and 10.5 foot draft. The mooring basin is to be dredged to a depth of -17 ft MLLW and would provide room for 37 vessels. Eider surveys will be conducted as mitigation annually until FY 2012.

PROGRESS OF WORK:

- 2005 - Project was awarded to Western Marine Construction and construction started.
- 2007 - Project was completed.
- 2010 - A condition survey was completed in July.

COST TO DATE:

GI PED Appropriation	\$409,334
GI PED Costs	\$409,334
CG Appropriation	\$11,239,000
CG Costs	\$11,002,328
CG Contributed Appropriation	\$2,844,722
CG Contributed Costs	\$1,618,133

SAND POINT HARBOR, ALASKA(continued)

30 September 2010

RANGE OF TIDE:	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	5.2'	7.2'	14.5'

CONTROLLING DEPTH: A depth of -17 feet MLLW for the Harbor and -18 feet MLLW is the depth of the channel in 2010.

Sand Point (Robert E. Galovin) Harbor



Aerial view of Sand Point (Robert E. Galovin) Harbor in the upper left corner, 2010.