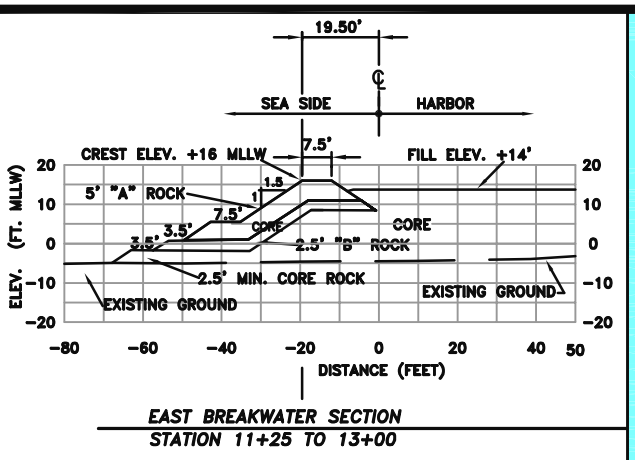
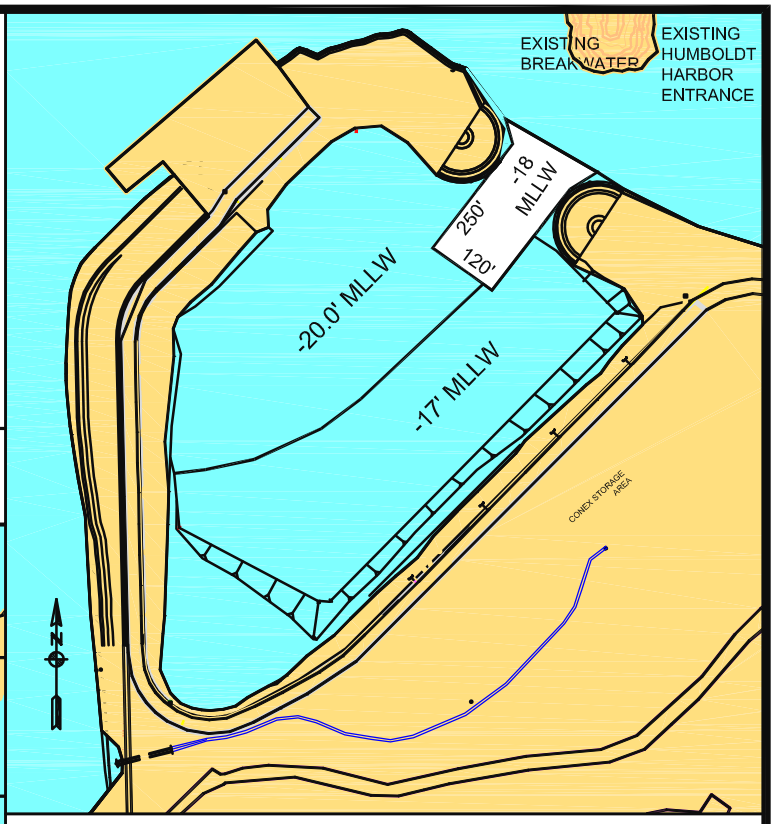
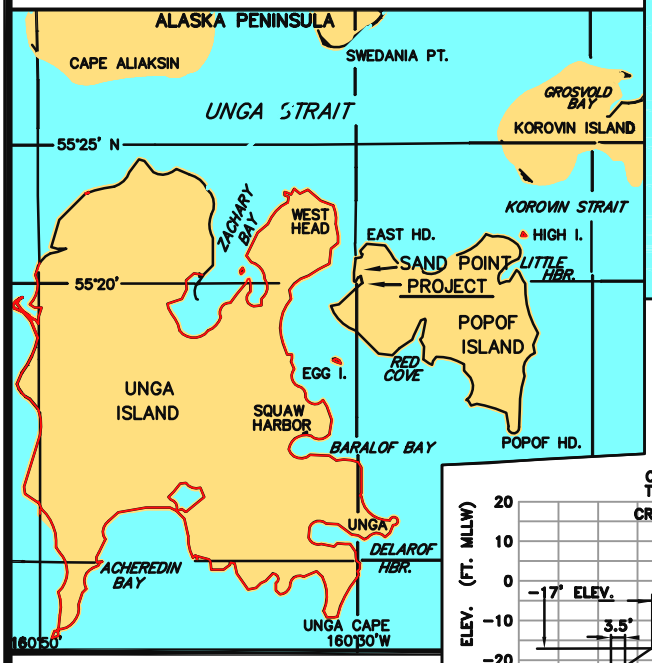
Sand Point Harbor
(Robert E. Galovin)



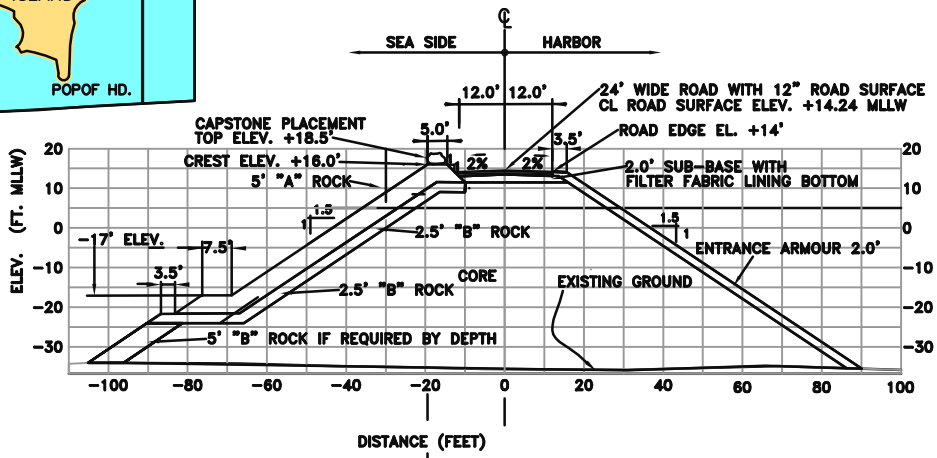
EAST BREAKWATER SECTION
STATION 11+25 TO 13+00



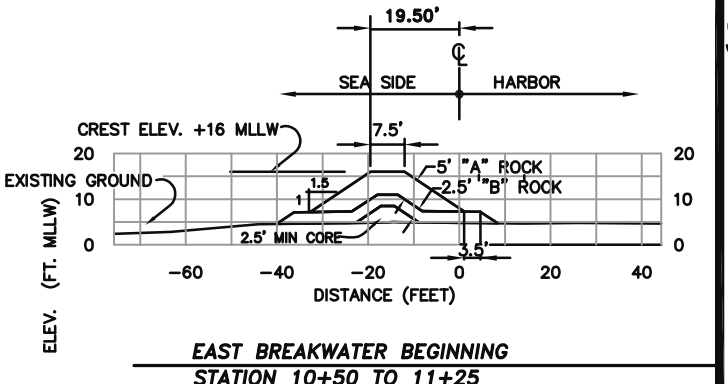


VICINITY MAP

SCALE IN MILES
0 5 10
SCALE IN KILOMETERS
5 0 5 10



CAUSWAY SECTION
STATION 13+50 TO 21+00



EAST BREAKWATER BEGINNING
STATION 10+50 TO 11+25

SAND POINT HARBOR (ROBERT E. GALOVIN)

REVISED: 2009

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

N

0 100 200 300
SCALE in Feet

Condition of Improvements
30 December 2014
Sand Point Harbor (Robert E. Galovin)
Sand Point, Alaska
(CWIS No. 010392)

Authorization This 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.

Table 1

Existing Project	**Length** ft.	**Width** ft.	**Depth** ft.
Entrance Channel	250	120	-18
Basin	700	500	-17
Rubble Mound Basin Breakwater	1,125		

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 an 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.
2014 A condition survey was completed in July.

Table 2 Cost to Date

Project	Description	Cost $
010392	GI PED Appropriation	409,334
	GI PED Costs	409,334
	CG Appropriation	10,869,000
	CG Costs	9,931,831
	CG Contributed Appropriation	2,855,821
	CG Contributed Costs	2,855,821

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
945 9450 Sand Point AK	5.19	7.23	15.4

Controlling Depth A depth of -14.1 feet MLLW controls the entrance channel in July 2014.

Sand Point Harbor (Robert E. Galovin), Sand Point, Alaska

West oblique of Sand Point Harbor, 19 July 2014.

Oblique of Humbolt Harbor (left) and Sand Point Harbor (right), 19 July 2014.