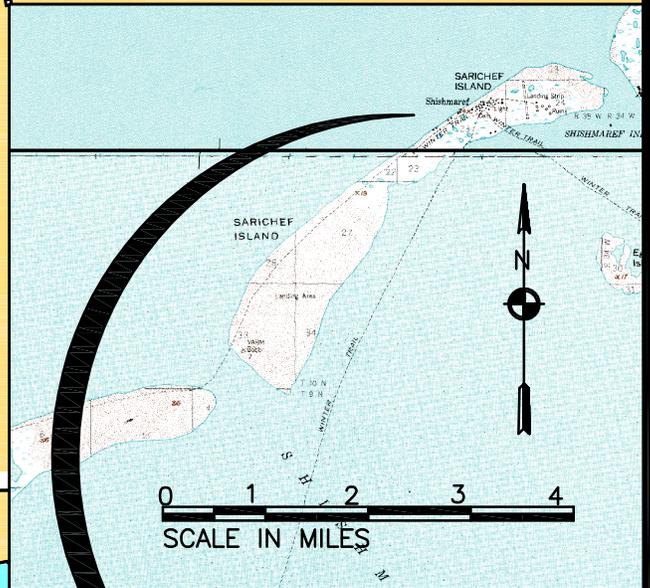
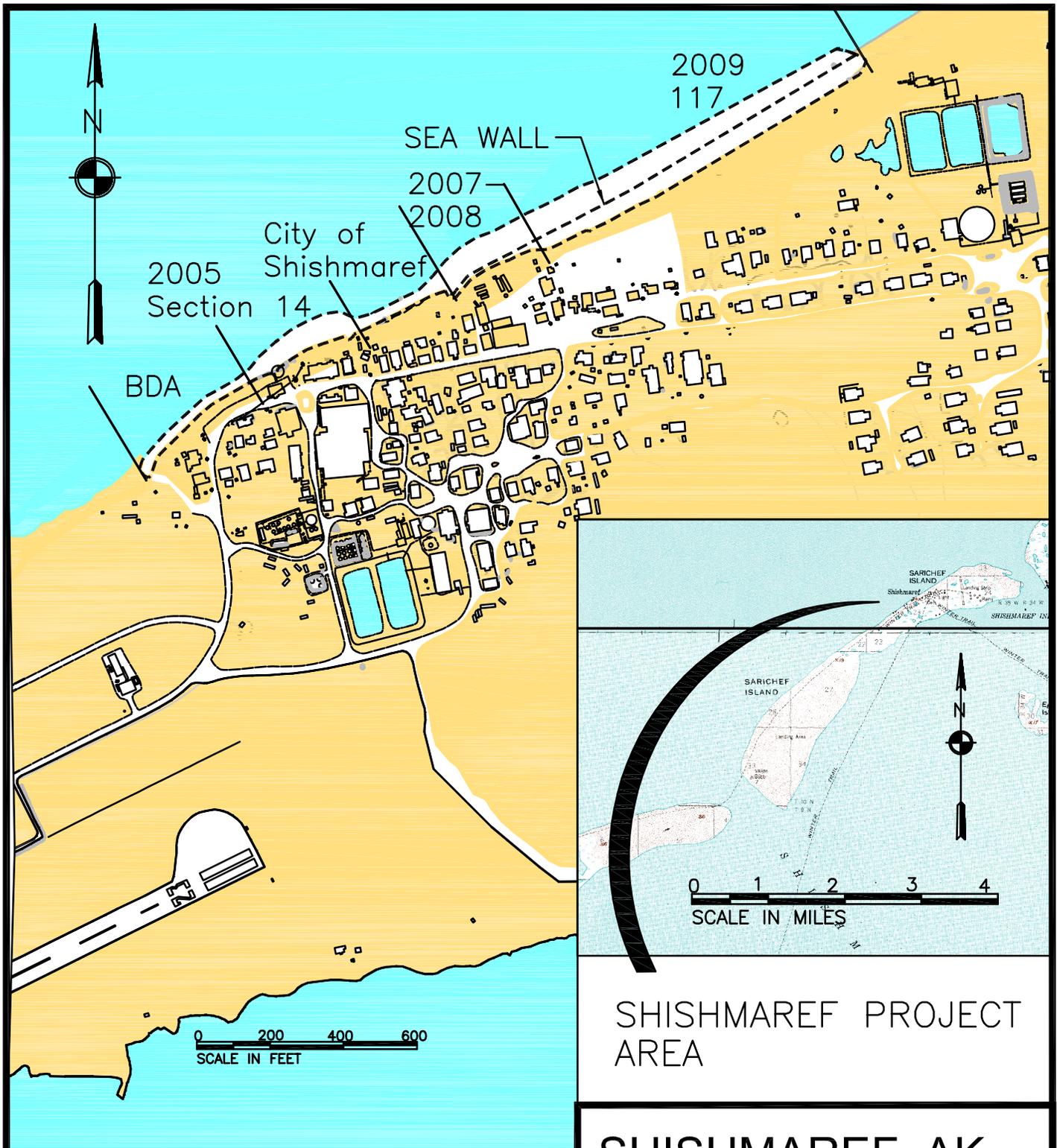


Shishmaref Coastal Erosion



SHISHMAREF PROJECT AREA

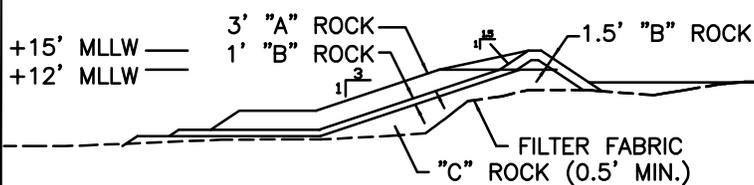
SHISHMAREF, AK

REVISED: 2009

Lat: 66°15'08.23"N
Long: 166°05'18.76"W



SCALE in Feet



TYPICAL SECTION

Condition of Improvements
30 December 2014
Shishmaref Coastal Erosion, Alaska
(CWIS No. 086131, 086259, 180892)

Authorization (a) Section 117 of Division C, Public Law 108-447 provides, “Notwithstanding any other provision of law, the Secretary of the Army is authorized to carry out, at full Federal expense, structural and non-structural projects for storm damage prevention and reduction, coastal erosion, and ice and glacial damage in Alaska, including relocation of affected communities and construction of replacement facilities.” (b) Section 117 of PL 111-8 repeals P.L. 108-447. However, construction is allowed to continue until completion.

Table 1

Existing Project	Length ft.
Revetment Phase 1	625
Revetment Phase 2	700
Section 14	230

Progress of Work

2009	From 2005-2009, Phase1 & Phase2 revetments were built and completed. Phase 1 was 700 ft long and Phase 2 was 230 feet long. Revetments were placed along the beach to help prevent beach erosion during storms. Inspected and found in good condition.
2011	The inspection found the revetment to be in good condition but monitored annually for changes

Table 2 Cost to Date

Project	Description	Cost \$
086131	CG Appropriations	5,000
	CG Costs	5,000
086259	CG Appropriations	7,500
	CG Costs	7,500
180892	CG Appropriations	1,000,000
	CG Costs	1,000,000
	CG Contributed Appropriations	744,151
	CG Contributed Costs	744,151

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
946 9854 Shishmaref AK	0.76	1.03	-

Shishmaref Coastal Erosion, Shishmaref, Alaska



Rock revetment , August 2010.



Rock revetment , August 2010.