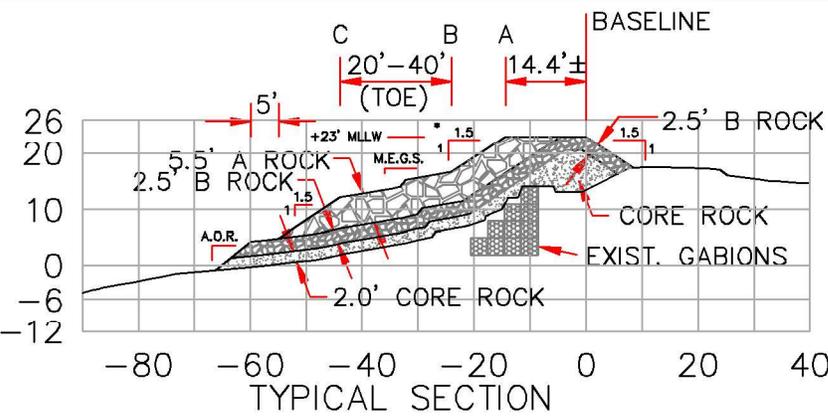
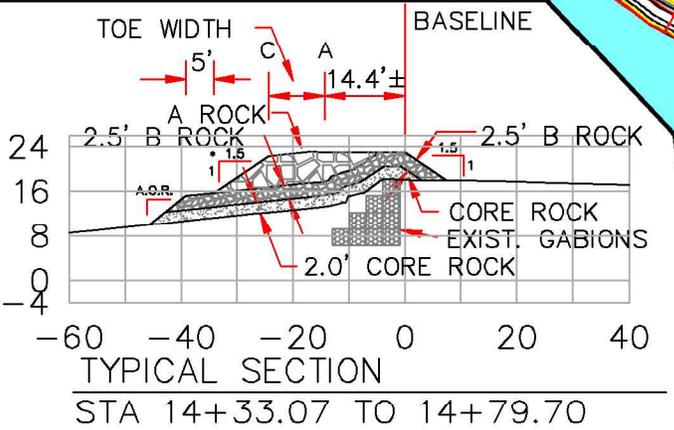
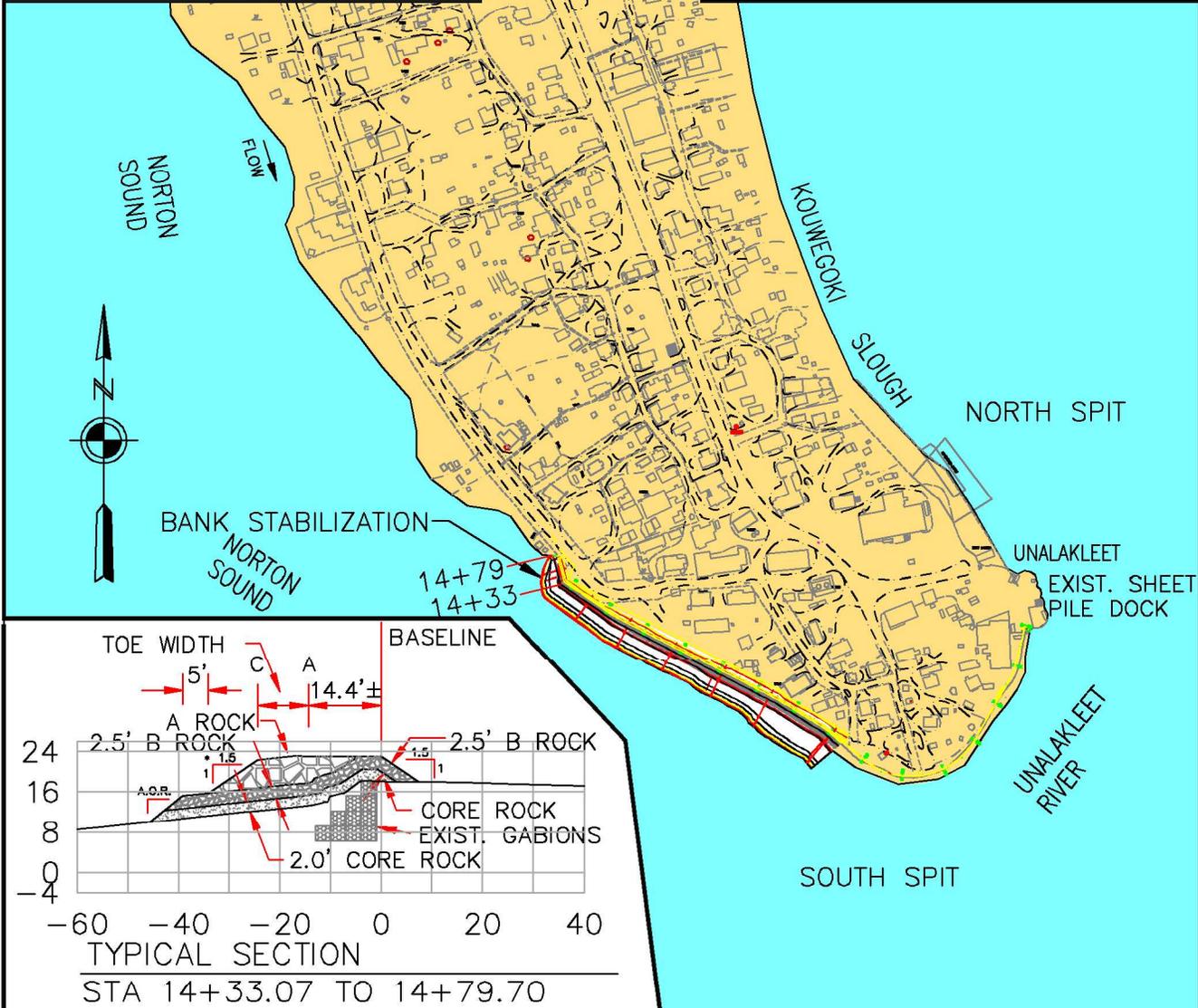
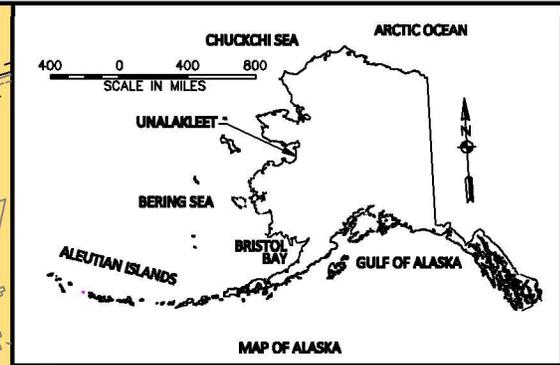
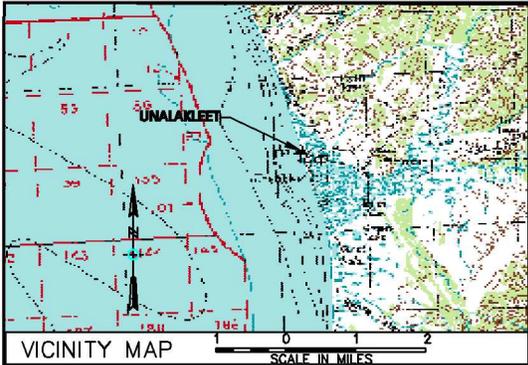
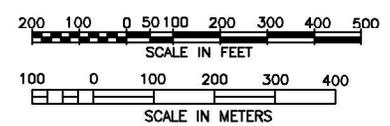


**UNALAKLEET
EROSION CONTROL**



UNALAKLEET BANK STABILIZATION ALASKA
REVISED 2010



UNALAKLEET, ALASKA
 (CWIS NO. 181723, 81818)

Condition of Improvement 30 September 2010

AUTHORIZATION: Section 117 of Division C of the FY2005 Omnibus Bill (PL 108-447) authorizes structural and non-structural projects for the coastal erosion of affected Alaskan communities.

PROJECT USAGE: Unalakleet suffers from erosion on both the ocean side (Norton Sound) and from the Unalakleet River. The erosion rate on the Norton Sound side averages 1 foot per year, and occurs when storm surge attacks the spit washing away beach material. The rate of erosion from the Unalakleet River is more severe and averages two feet per year.

EXISTING PROJECT:	<u>LENGTH</u>	<u>DEPTH</u>	<u>WIDTH</u>
• Rock Reventment	675 ft		

PROGRESS OF WORK:

2010 - Constructed 675 feet of armor rock revetment for coastal shore erosion protection. A temporary end section was constructed on the East end. Only the base item and one option item was awarded and constructed. Three other option items were not awarded or constructed and account for approximately 800 lineal feet of revetment. Construction was completed in August 2010.

COST TO DATE:

CG Costs	\$18,321,984
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RANGE OF TIDE:	<u>Mean Range</u>	<u>Diurnal Range</u>	<u>Extreme Range</u>
	--	4.0'	10.0'

Unalakleet Erosion Control



Shore protection in 2010.



Beach protection in 2009.