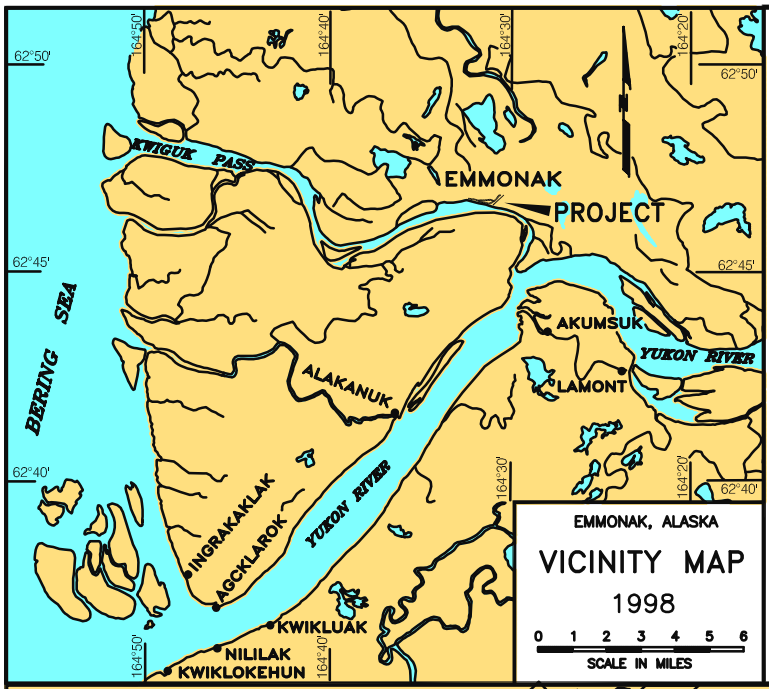
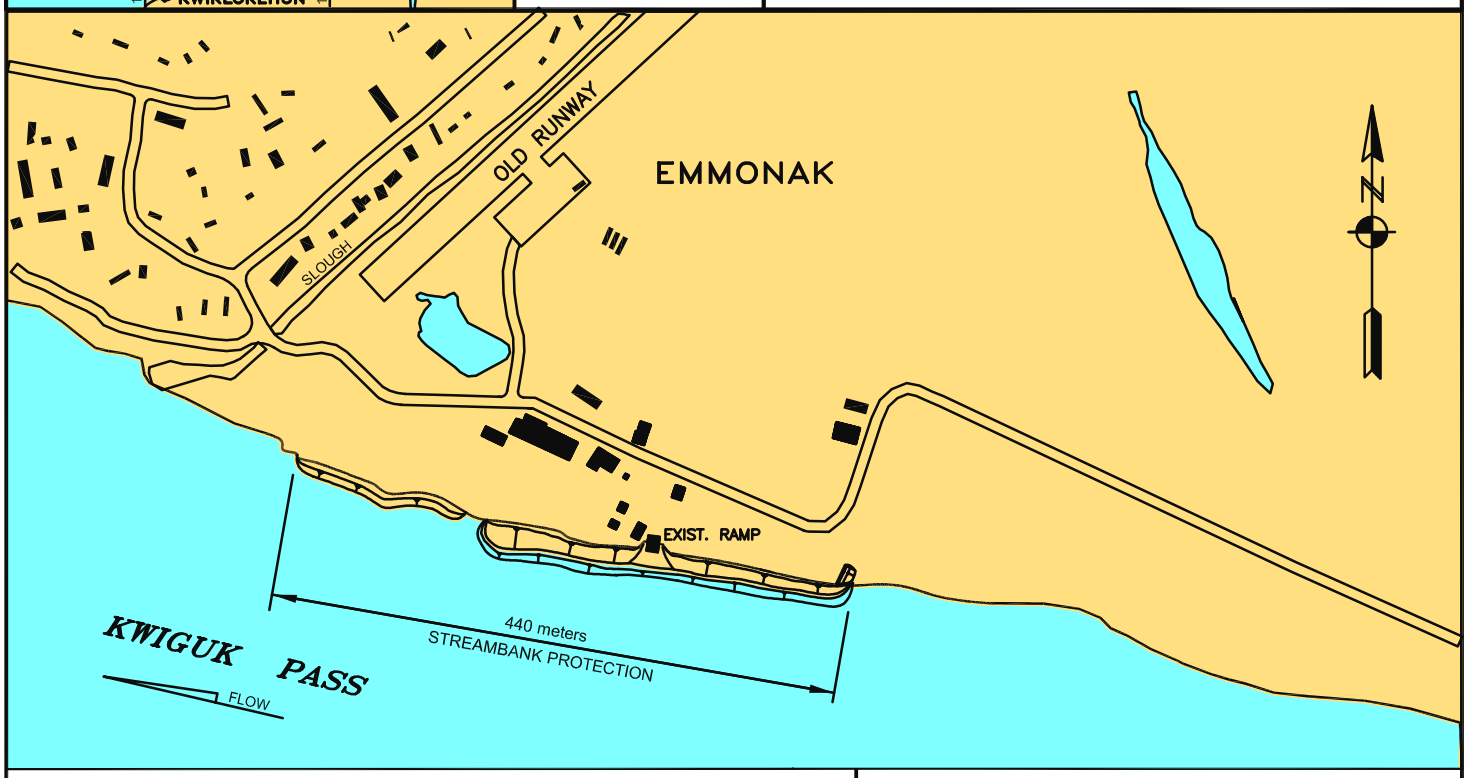
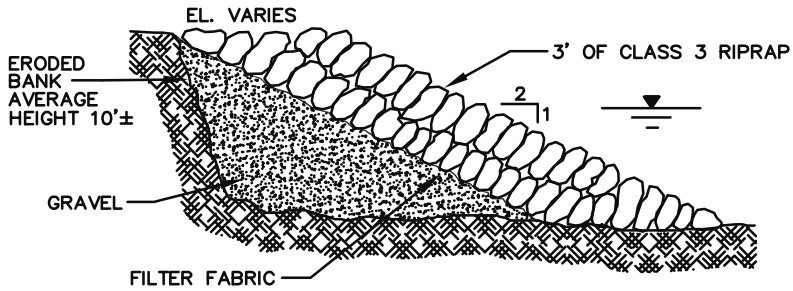
EMMONAK
STREAM BANK
STABILIZATION







TYPICAL RIPRAP SECTION

NOT TO SCALE

EMMONAK, ALASKA

EMMONAK STREAMBANK PROTECTION

1999

100 0 100 200

SCALE IN METERS

EMMONAK STREAMBANK PROTECTION, ALASKA
(CWIS NO. 092872, 325884)

Condition of Improvement 30 September 2011

AUTHORIZATION: Section 14, 1946 Flood Control Act (Public Law 79-562; 33 USC 701r), dated 24 July 1946, as adopted, provides for emergency stream bank protection not to exceed $1,000,000 in federal funds.

EXISTING PROJECT:	LENGTH	DEPTH	WIDTH
• Rock Revetment	440 meters		

PROGRESS OF WORK:

1997 – Plans and specifications are prepared.
1998 – A contract is awarded and construction of the revetment is completed in the fall.
1999 – Inspection by the Corps finds the project in good condition.
2001 – The project is found to be in good condition by the Corps' inspector for the third straight year.
2002 – The Corps' inspector finds the project in good condition. No maintenance is recommended.
2003 – The project is found in good condition by the Corps' inspector.
2004 – The two sections of revetment are found in good condition, June 2004.
2009 - The damaged areas of the revetment appear to be in poor condition; likely damaged during the spring flood and from subsequent erosive action of normal river flows undermining the revetment.

COST TO DATE:

CG Appropriations 325844	$43244
CG Costs 325844	$43,224
CG Appropriations 92872	$787,757
CG Costs 92872	$787,757
CG Contributed Appropriations 92872	$368,200
CG Contributed Costs 92872	$368,200

TIDE REFERENCE:	Mean Lower Low Water	Mean Sea Level	Mean High Water
	0.0 meters	0.24 meters	0.46 meters

The City of Emmonak is located on Kwiguk Pass, 8 miles from the Yukon River entrance into the Bering Sea, and 475 air miles from Anchorage. Commercial salmon fishing and a subsistence lifestyle predominate the local economy. Many Yukon River travelers end their trips at Emmonak which is also the air hub of the Yukon delta region.

Emmonak Streambank Protection, Emmonak, Alaska

Aerial of bank protection (top) and view from shore of streambank protection in 2007.

Emmonak Streambank Protection, Emmonak, Alaska

Streambank protection (top) and aerial of the protection (bottom left) in 2007.