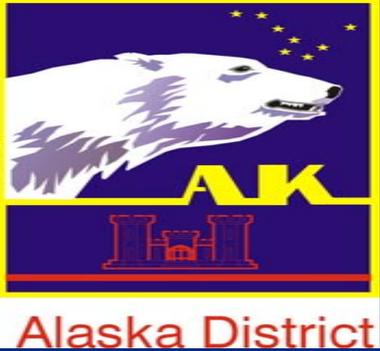


Status of Protection-Intervention Actions at High Risk Communities

Status of Corps Erosion Protection Projects

- **1978 - Demonstration Projects of Low Cost Erosion Solutions. Kotzebue Gabions, Ninilchik Wood Groins.**
- **1997 – Bethel Rock Revetment**
- **1999 – Dillingham Sheetpile**
- **2005 – 2007 – Shishmaref Rock Revetment (Section 14, Section 117 project)**
- **Projects Constructed at Metlakatla, Nome, Galena, others**

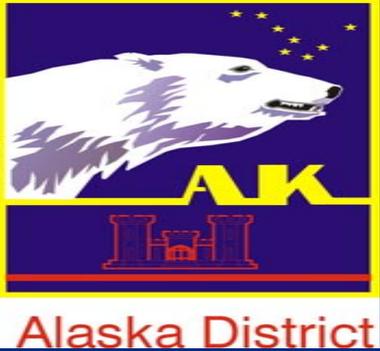
Rock Revetment has been the Most Effective Solution, but Costly.



Status of Protection-Intervention Actions at High Risk Communities

Erosion Protection Studies

- **Section 117 – Expedited Erosion Studies.** Shishmaref, Kivalina, Unalakleet completed and approved. Newtok completed. Barrow, Point Hope, Bethel, Kaktovik, Koyukuk awaiting funding.
- **Alaska Baseline Erosion Study – Detailed Site Investigations at 12 Communities, summer 2007, Erosion Inventory Questionnaire sent to 140 communities, Local Erosion Control Measures.**
- **General Investigation and Construction General Projects/Studies at Barrow, Bethel, Dillingham, Yakutat, McGrath, and others.**
- **General Studies. Wind and Wave Baseline Analysis, Ground Temperature Study at Shishmaref, Ice Forces Study at Barrow.**



Status of Protection-Intervention Actions at High Risk Communities

USACE Criteria for Project Prioritization

- Congressional Authority for studies and construction.
- Congressional Direction and Funding. (Named Communities in Law)
- Critical Infrastructure Threatened. (Section 14 Streambank Protection, PL84-99 Advance Measures)
- Collaboration Opportunities with State, Local, Regional and Federal Stakeholders.
- System of Accounts Evaluation. (Federal Principles and Guidelines)
 - National Economic Development (NED Account)
 - Environmental Quality (EQ Account)
 - Other Social Effects (OSE Account)
 - Regional Development (RD Account)