Status of Protection - Intervention
Actions at High Risk Communities

Status of Corps Erosion Protection Projects

- 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.
Erosion Protection Studies


- 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.
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)