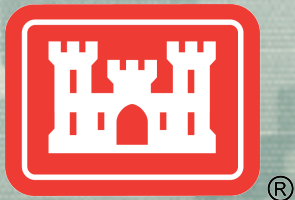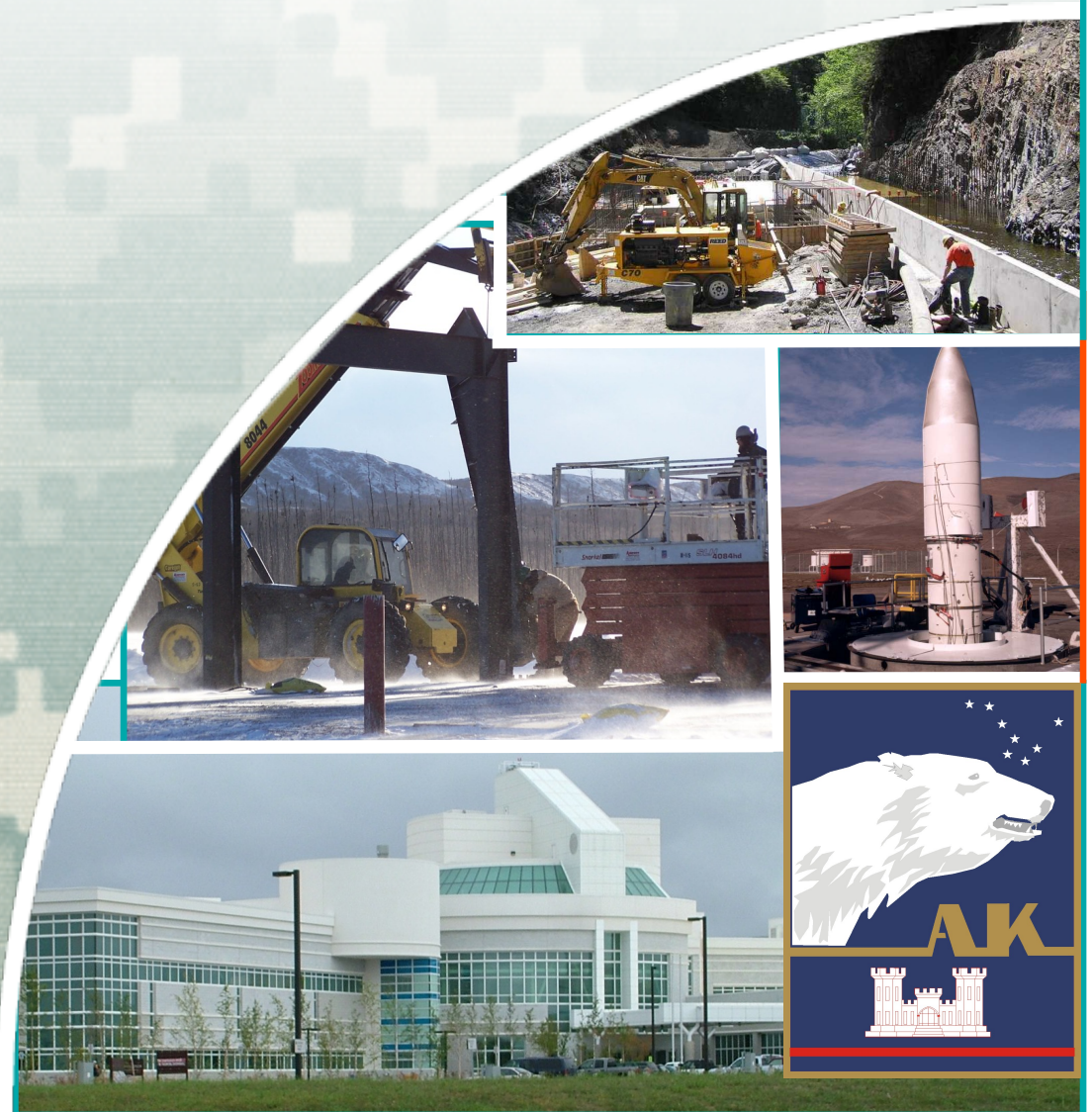# Building and Preserving Alaska's Future

An Update on Corps Projects and Issues on the Last Frontier
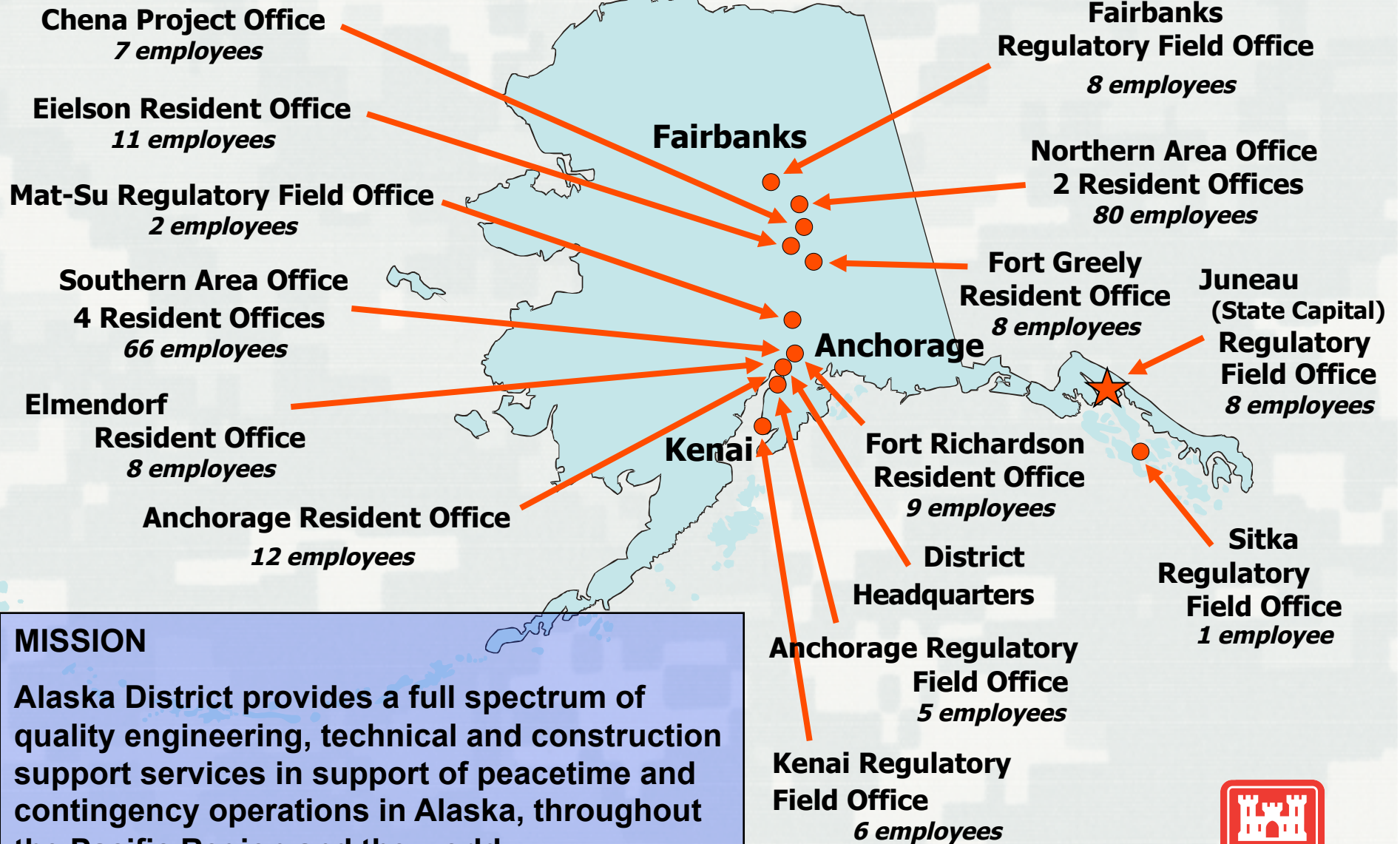
COL Reinhard W. Koenig
Commander, Alaska District
U.S. Army Corps of Engineers
Sept. 17, 2009

US Army Corps of Engineers
BUILDING STRONG®

ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS

Chena Project Office
7 employees

Eielson Resident Office
11 employees

Mat-Su Regulatory Field Office
2 employees

Southern Area Office
4 Resident Offices
66 employees

Elmendorf
Resident Office
8 employees

Anchorage Resident Office
12 employees

Fairbanks Regulatory Field Office
8 employees

Northern Area Office
2 Resident Offices
80 employees

Fort Greely Resident Office
8 employees

Juneau (State Capital) Regulatory Field Office
8 employees

Fort Richardson Resident Office
9 employees

Sitka Regulatory Field Office
1 employee

District Headquarters

Anchorage Regulatory Field Office
5 employees

Kenai Regulatory Field Office
6 employees

Fairbanks

Anchorage

Kenai

MISSION

Alaska District provides a full spectrum of quality engineering, technical and construction support services in support of peacetime and contingency operations in Alaska, throughout the Pacific Region and the world.

BUILDING STRONG®

MAJOR PROGRAMS

MILITARY

Hangar construction at Elmendorf AFB

Removal action at Cape Sarichef

CIVIL WORKS

Rock placement in Wrangell Harbor

Wetlands Determination in Mat-Su Valley

REGULATORY

ENVIRONMENTAL & SPECIAL PROJECTS

BUILDING STRONG®

MILITARY PROGRAM

Health Clinic at Fort Richardson

Large Frame Aircraft Maintenance Hangar at Elmendorf AFB

Barracks at Fort Richardson

Chapel at Eielson Air Force Base

Fitness Center at Eielson Air Force Base

BUILDING STRONG®

ENVIRONMENTAL & SPECIAL PROJECTS

- **Formerly Used Defense Sites (FUDS) Program**

- **Native American Lands Environmental Mitigation Program (NALEMP)**

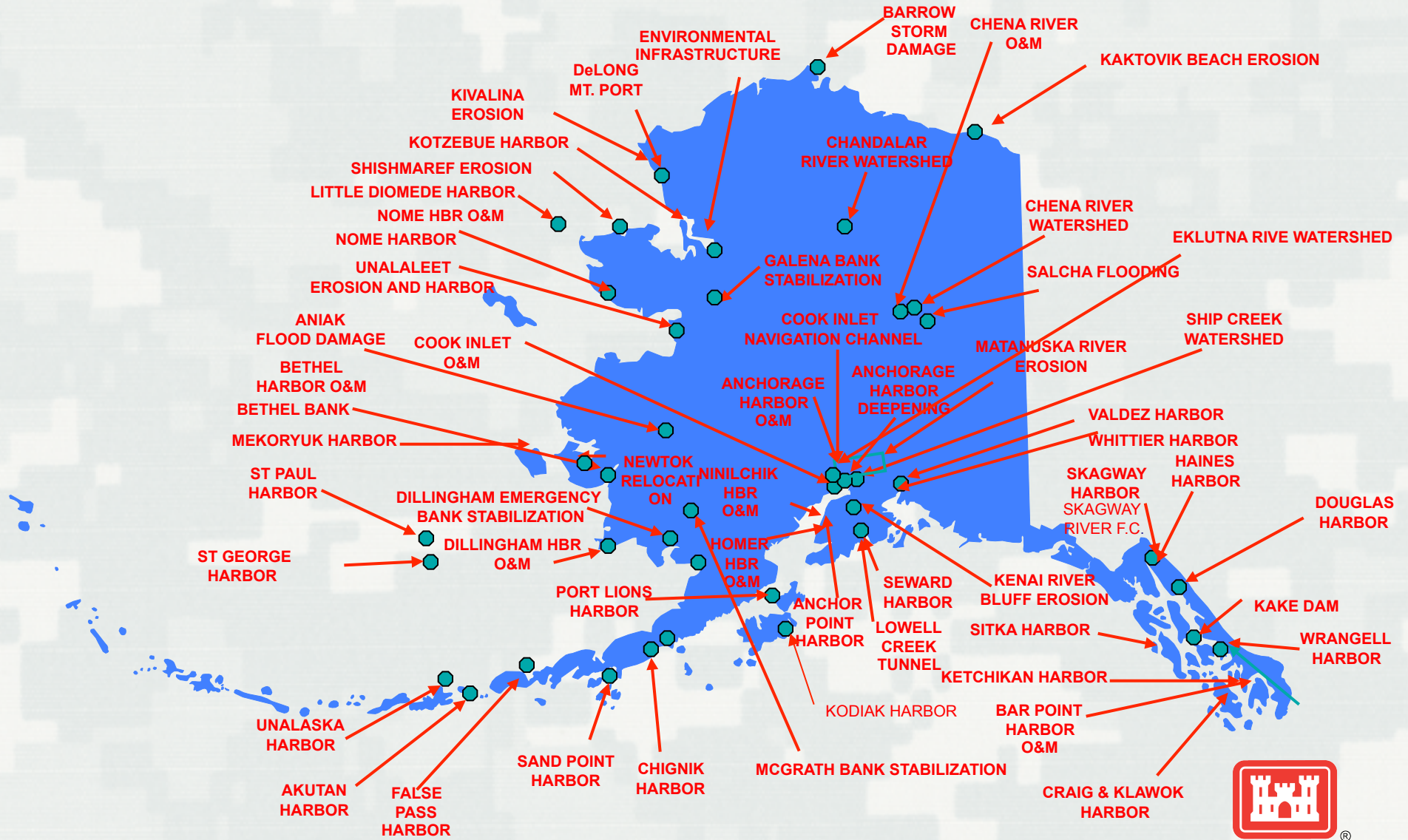- **Interagency & International Services (IIS) Program**

Geoprobe Sampling
at Haines-Fairbanks Pipeline Project

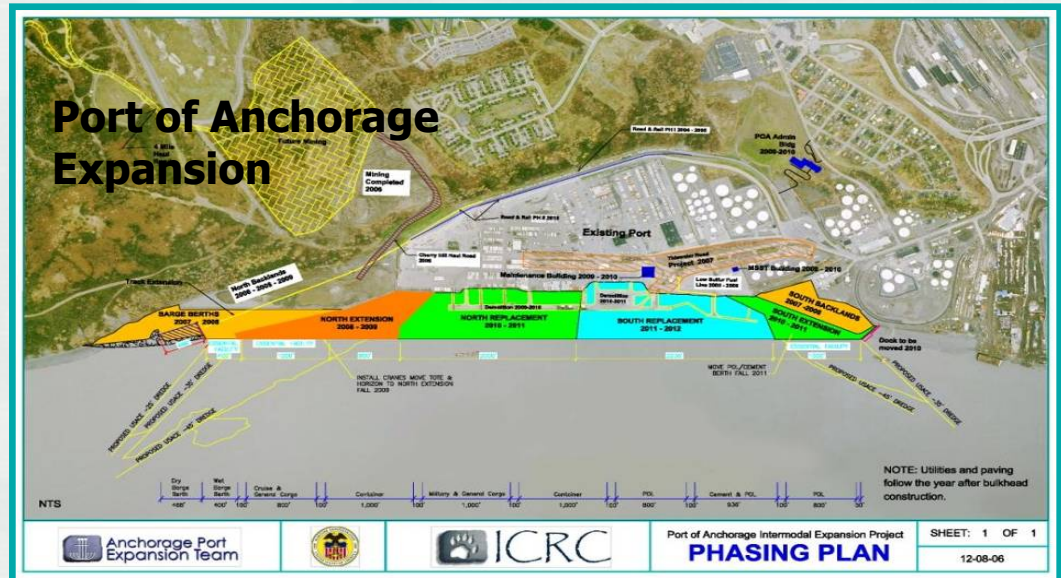Sling Load Operations
at American River Air Base

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ONGOING CIVIL WORKS PROJECTS

BARROW STORM DAMAGE
CHENA RIVER O&M
KAKTOVIK BEACH EROSION
ENVIRONMENTAL INFRASTRUCTURE
DeLONG MT. PORT
KIVALINA EROSION
KOTZEBUE HARBOR
SHISHMAREF EROSION
LITTLE DIOMEDE HARBOR
NOME HBR O&M
NOME HARBOR
UNALALEET EROSION AND HARBOR
CHANDALAR RIVER WATERSHED
CHENA RIVER WATERSHED
EKLUTNA RIVE WATERSHED
SALCHA FLOODING
GALENA BANK STABILIZATION
COOK INLET NAVIGATION CHANNEL
ANIAK FLOOD DAMAGE
COOK INLET O&M
SHIP CREEK WATERSHED
MATANUSKA RIVER EROSION
BETHEL HARBOR O&M
BETHEL BANK
ANCHORAGE HARBOR O&M
ANCHORAGE HARBOR DEEPENING
MEKORYUK HARBOR
VALDEZ HARBOR
WHITTIER HARBOR
HAINES HARBOR
ST PAUL HARBOR
NEWTOK RELOCATION
NINILCHIK HBR O&M
SKAGWAY HARBOR
SKAGWAY RIVER F.C.
DOUGLAS HARBOR
DILLINGHAM EMERGENCY BANK STABILIZATION
DILLINGHAM HBR O&M
HOMER HBR O&M
KENAI RIVER BLUFF EROSION
KAKE DAM
ST GEORGE HARBOR
PORT LIONS HARBOR
ANCHOR POINT HARBOR
SEWARD HARBOR
SITKA HARBOR
WRANGELL HARBOR
LOWELL CREEK TUNNEL
KETCHIKAN HARBOR
UNALASKA HARBOR
KODIAK HARBOR
BAR POINT HARBOR O&M
AKUTAN HARBOR
FALSE PASS HARBOR
SAND POINT HARBOR
CHIGNIK HARBOR
MCGRATH BANK STABILIZATION
CRAIG & KLAWOK HARBOR
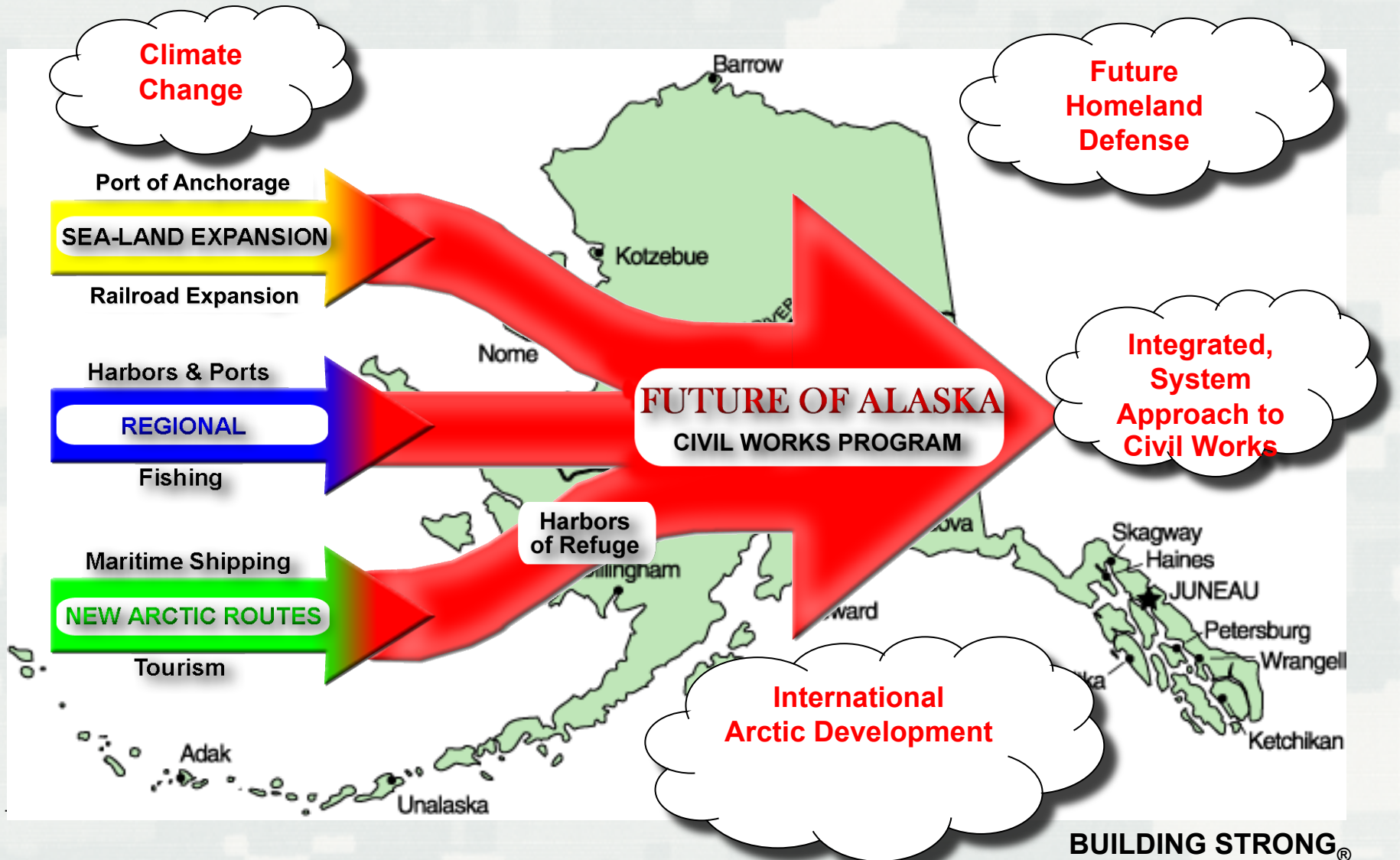
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CIVIL WORKS PROJECTS

Alaska Community Support

- **Navigation**
- **Ports/Harbors**
- **Flood Risk Reduction**
- **Water Supply**
- **Erosion Control**
- **Emergency Response**
- **Port of Anchorage Dredging**
- **Hydroelectric Power Generation**
- **Recreation**

Port of Anchorage Expansion

Nome Harbor

Coastal Erosion Control in Shishmaref

BUILDING STRONG®

Future Direction of the Alaska District Alaska Regional Ports System

REGULATORY PROGRAM

- **Mission** – **to protect the Nation's aquatic resources, while allowing reasonable development through fair, flexible and balanced permit decisions**.

- **History**

- **Authorities**

  - Section 10 Rivers and Harbors Act of 1899

  - Section 404 Clean Water Act (1972)

  - Section 103 Marine, Protection, Research and Sanctuaries Act (1972)

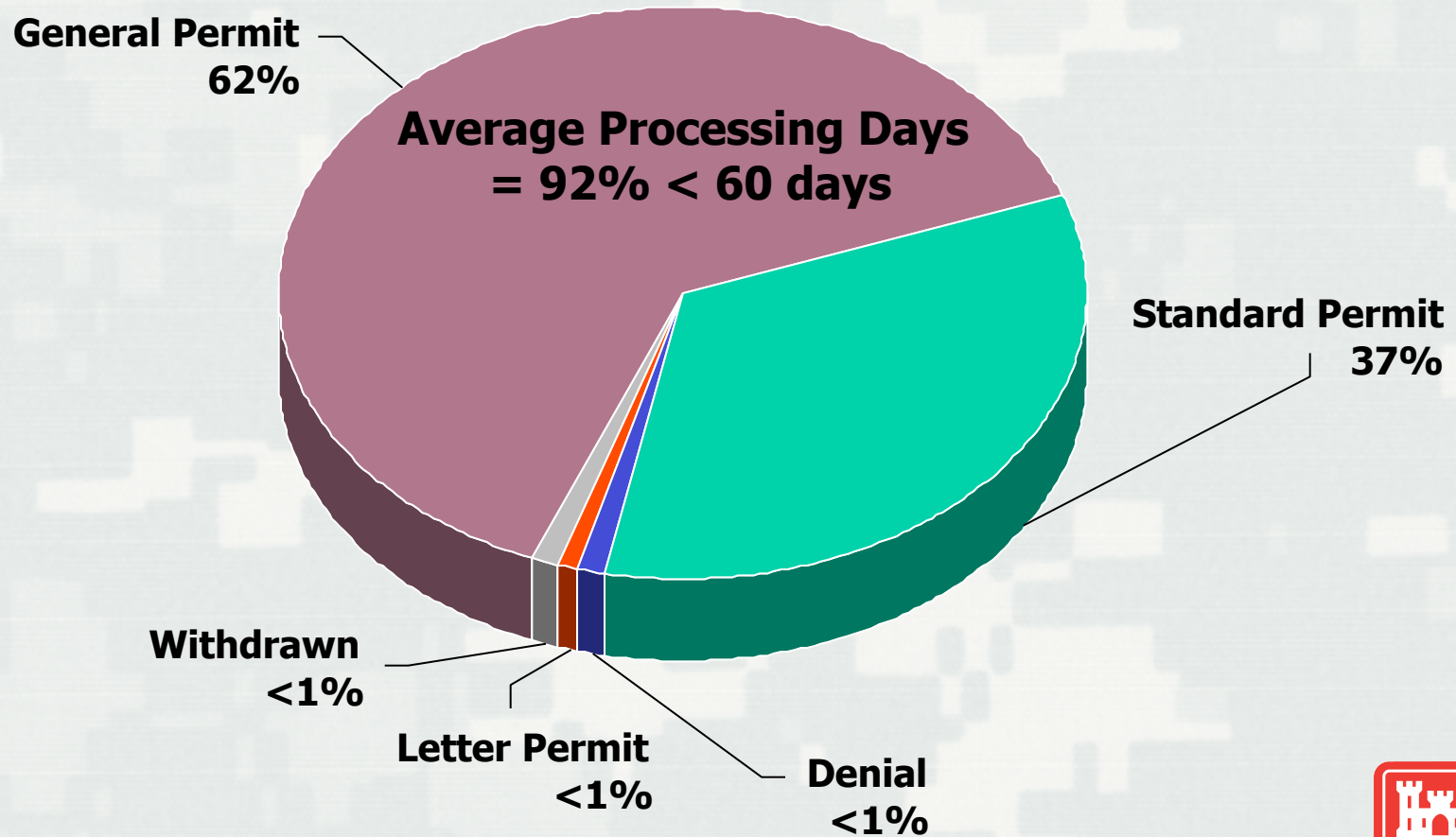- **Mitigation Sequence**

  - Avoid

  - Minimize

  - Compensate

REGULATORY PROGRAM

- **Largest District in the Nation (geographically)**
  - 1/5th the size of the Lower 48
  - 33,904 miles of coastline
  - 15 million miles of potentially navigable waterways
  - 3 million lakes
  - 43 percent of state is wetlands
  - 220 million acres of wetlands and other waters

- **2nd Largest Regulatory Branch in the Nation**
  - 65 employees

PERMIT ACTIONS

Types of Decisions on Annual Basis
Approximately 2,500

General Permit
62%

**Average Processing Days
= 92% < 60 days**

Standard Permit
37%

Withdrawn
<1%

Letter Permit
<1%

Denial
<1%

AMERICAN RECOVERY AND REINVESTMENT ACT 2009

- Alaska District Funding – $103 Million

- Spending by Program

  ▶ Military – 48 Projects @ $22 Million

  ▶ Civil Works – 17 Projects @ $49.3 Million

  ▶ Environmental & Special Projects – 1 Project @ $9 Million

  ▶ Regulatory – 3 Projects @ $.7 Million

BUILDING STRONG®

QUESTIONS?

COL Reinhard W. Koenig
Commander, Alaska District
U.S. Army Corps of Engineers

"Building and Preserving Alaska's Future"