

Alaska Government Contracting Conference 2014

“Navigating Today’s Government Marketplace”

February 18 & 19, 2014
Fairbanks, Alaska

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“Building and Preserving Alaska’s Future” Command Overview

*Christopher A. Tew
Chief of Contracting, Alaska District
U.S. Army Corps of Engineers*

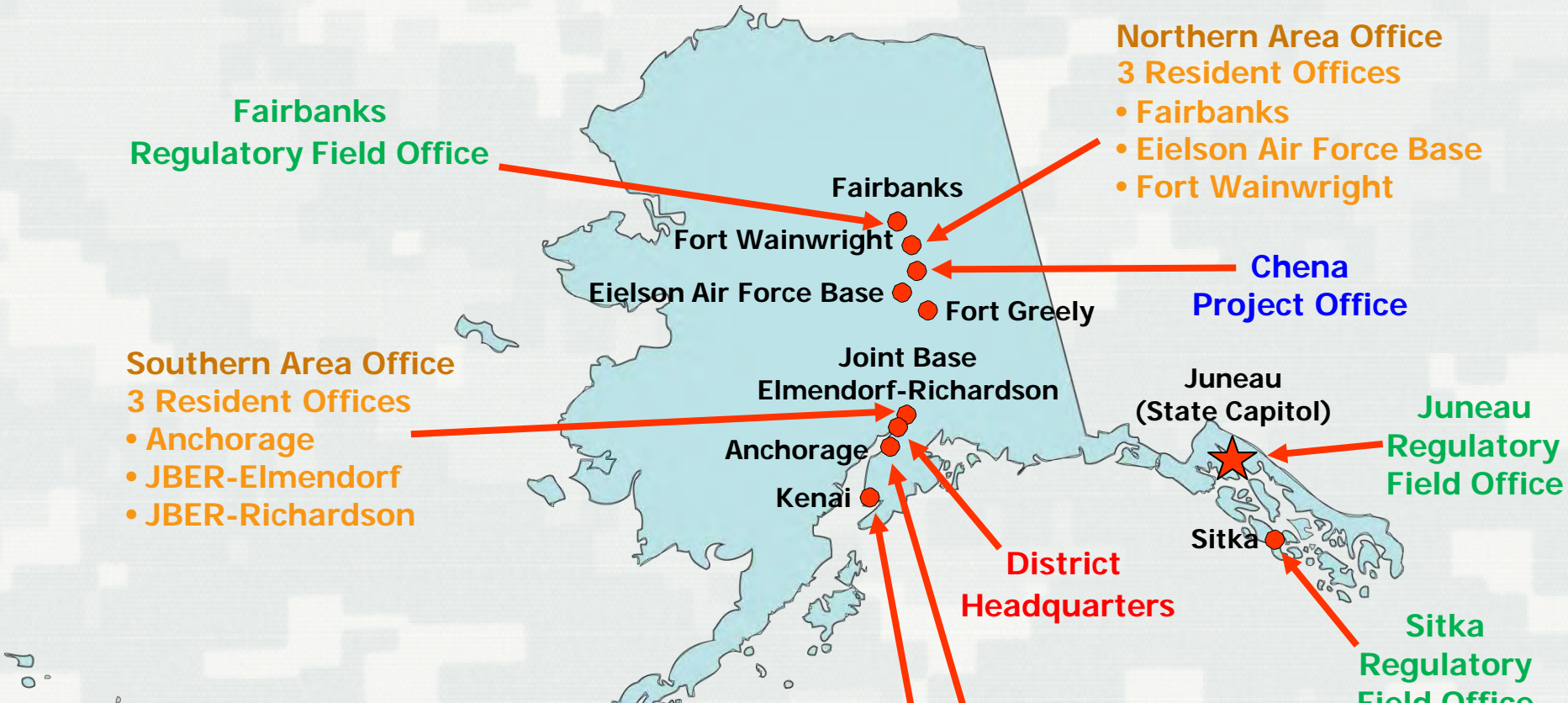
February 18, 2014



US Army Corps of Engineers
BUILDING STRONG®



ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS



MISSION

The 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



CIVIL WORKS



REGULATORY



Removal Action at Tanaga Island



NOAA Satellite Operations Facility in Fox



ENVIRONMENTAL

INTERAGENCY & INTERNATIONAL

SERVICES



BUILDING STRONG®

SENIOR LEADERS



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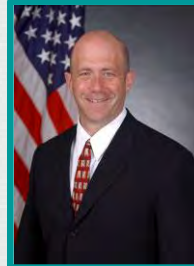
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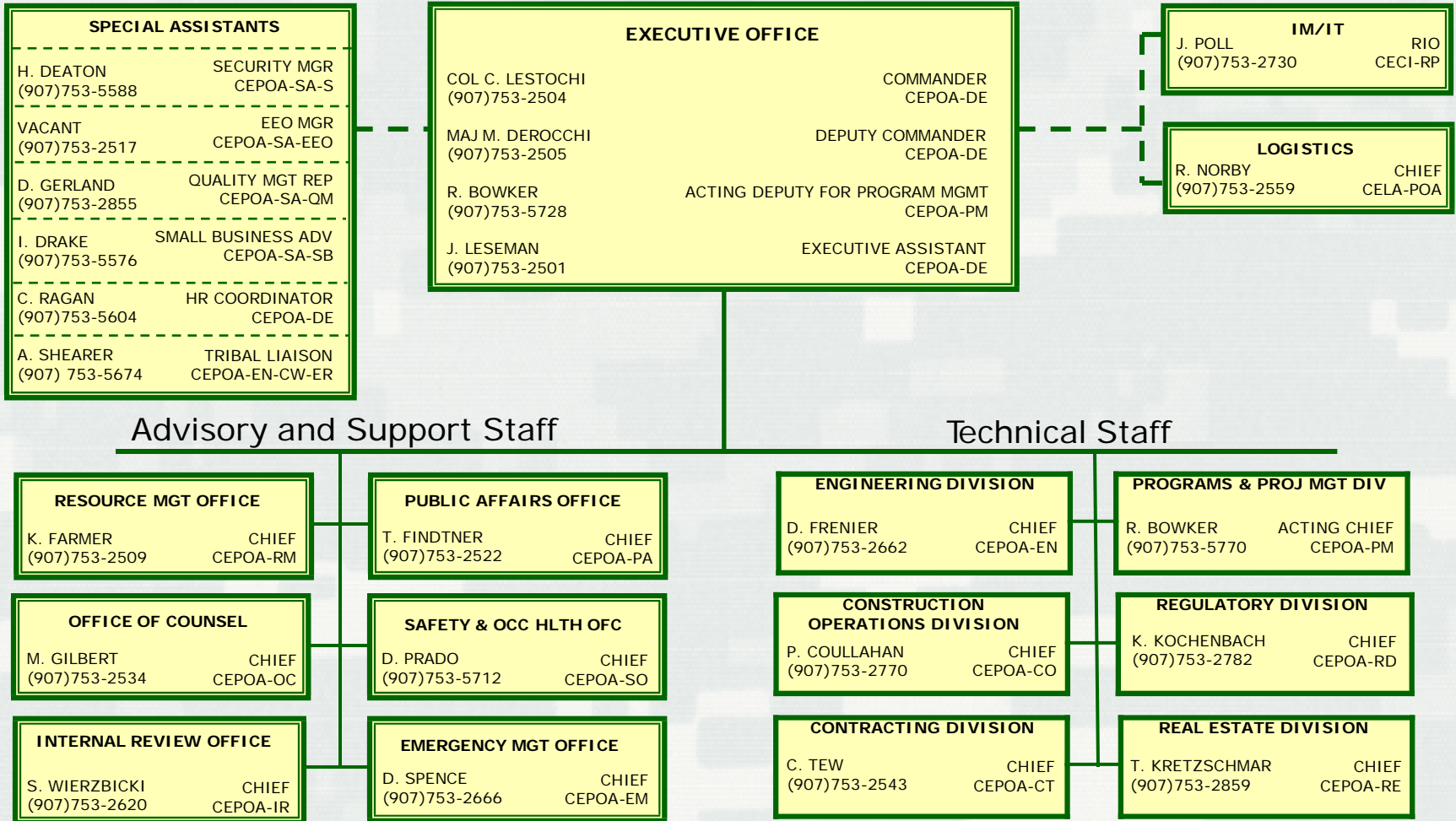
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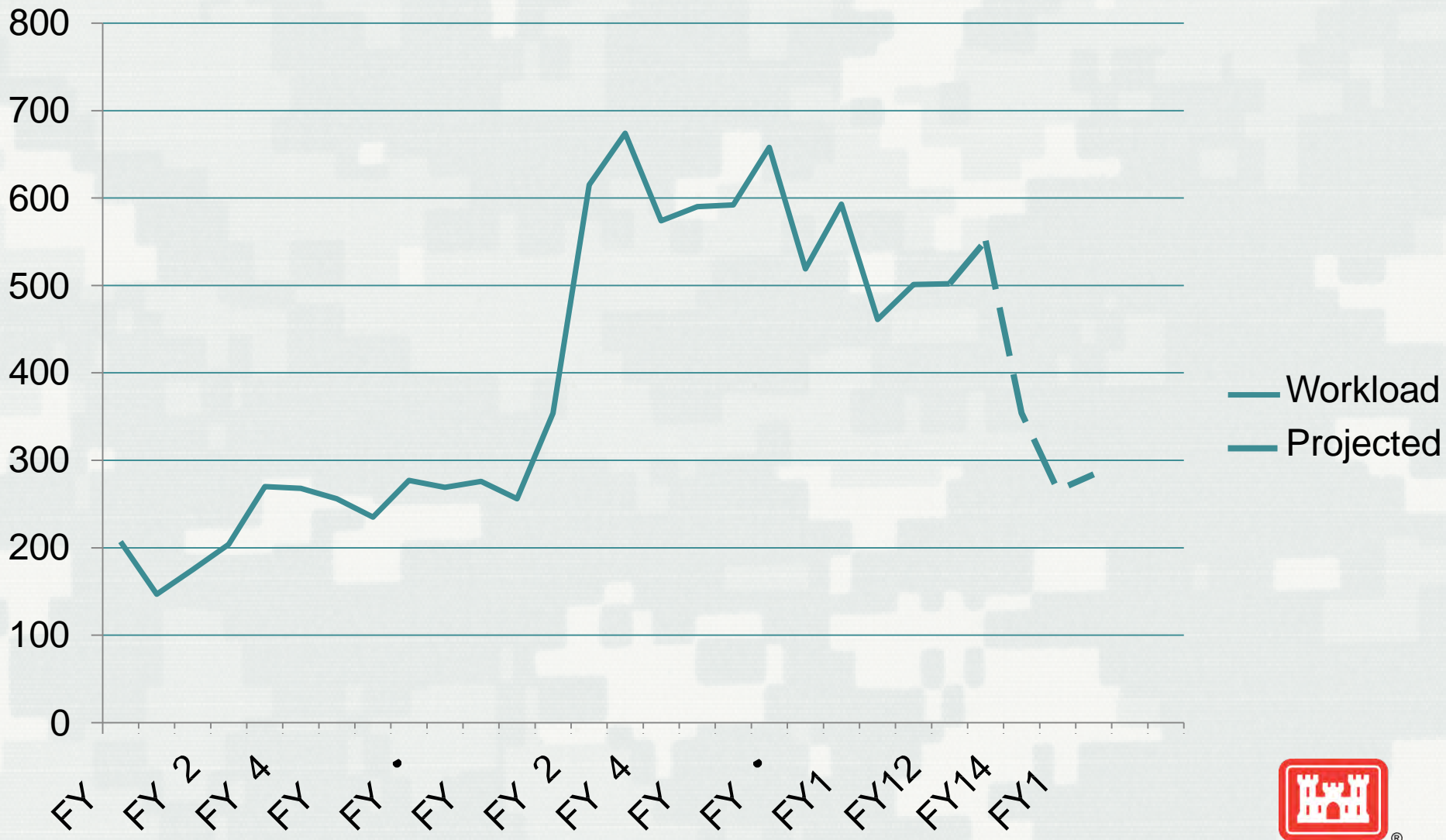


ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS



HISTORICAL WORKLOAD

Fiscal Year 1990 – 2017



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FY13 TOTAL PROGRAM

- Military Construction: 3 Projects @ \$33.5M
- Missile Defense: 10 Projects @ \$18.2M
- Civil Works: 37 Projects / Activities @ \$50.7M
- Environmental: 220 Projects @ \$137M
- Interagency: 22 Projects @ \$10.8M
- International: 59 Projects @ \$49M
- Total: 351 Projects / Activities @ \$299.2 Million



FY14 TOTAL PROGRAM

- Military Construction: 7 Projects @ \$103M
- Missile Defense: 8 Projects @ \$90M
- ! Civil Works: 40 Projects / Activities @ \$40.1M
- ! Environmental: 200 Projects @ \$115M
- ! Interagency: 16 Projects @ \$8.3M
- International: 107 Projects @ \$170M
- ! Total: 378 Projects / Activities @ \$526.4 Million



FY15 TOTAL PROGRAM

- Military Construction: 2 Projects @ \$51M
- Missile Defense: 9 Projects @ \$9.4M
- ! Civil Works: 30 Projects / Activities @ \$36.5M
- ! Environmental: 200 Projects @ \$133M
- ! Interagency: 13 Projects @ \$4.4M
- International: 66 Projects @ \$133M
- ! ➤ Total: 320 Projects / Activities @ \$367.3 Million



MILITARY PROGRAM

◆ FY12 – 1 Project @ \$45 Million

- Eielson Air Force Base: 1 Project @ \$45M
- EIE326 Enlisted Dormitory *

■ FY13 – 3 Projects @ \$33.5 Million

- Joint Base Elmendorf-Richardson: 1 Project @ \$7.8M
- FTR335 Modified Record Fire Range *
- Fort Wainwright: 1 Project @ \$10.4M
- FTW370 Modified Record Fire Range *
- Clear Air Force Station: 1 Project @ \$15.3M
- CLR028 Construct Electrical Tie-In & Heat Plant **

▶ FY14 – 7 Projects @ \$103 Million

- Fort Wainwright: 7 Projects @ \$104M
- FTW373 Aviation Task Force (Phase 3B) @ \$58M **
 - Warm Storage Hangar @ \$36M
 - Company Operations Facility @ \$12M
 - Organizational Vehicle Parking @ \$4M
 - Demolition of Hangars 2 & 3 @ \$6M
 - FTW374 Aviation Task Force, Battalion HQ (Phase 4) @ \$45M
 - Battalion HQ with Classrooms @ \$13M
 - Battalion HQ with Classrooms @ \$13M
 - Duplex Company Operations Facility @ \$19M

◀ FY15 – 2 Projects @ \$51 Million

- Fort Wainwright: 1 Project @ \$39M
- FTW376 Unmanned Aircraft System Hangar **
- Clear Air Force Station: 1 Project @ \$12M
- CLR027 Emergency Power Plant Fuel Storage **

Squadron Operations Facility at JBER - Elmendorf



Vehicle Maintenance Facility for Aviation Task Force at Fort Wainwright



Fitness Center at Eielson Air Force Base



* In Construction
** To be Awarded

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MISSILE DEFENSE PROGRAM

◆ FY13 – 10 Projects @ \$18.2 Million

Fort Greely: 10 Projects @ \$18.2M

- Military Construction (MILCON): 1 Project @ \$1.4M

- FTG152 Add Existing Redundant Chilled Water, Phase III @ \$1.4M

- Sustainment, Restoration and Modernization (SRM): 9 Projects @ \$16.8M

◆ FY14 – 8 Projects @ \$90 Million

Fort Greely: 8 Projects @ \$90M

- Military Construction (MILCON): 1 Project @ \$82M

- FTG186 Mechanical-Electrical Building, Missile Field 1 @ \$82M

- Research, Development, Test and Evaluation (RDT&E): 7 Projects @ \$8M

Clear Air Force Station: 2 Projects @ \$18.2M

- Military Construction (MILCON): 2 Projects @ \$18.2M

- CLR026 Upgrade Early Warning Radar, Ballistic Missile Defense System @ \$17.2M

- CLR031 Enhanced Polar System Foundations @ \$1M

Missile Defense Complex at Fort Greely



Upgraded Early Warning Radar



Utilidors



Defense Satellite Communications System

◆ FY15 – 9 Projects @ \$9.4 Million

Fort Greely: 9 Projects @ \$9.4M

- Sustainment, Restoration and Modernization (SRM): 9 Projects @ \$16.8M



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CIVIL WORKS PROGRAM

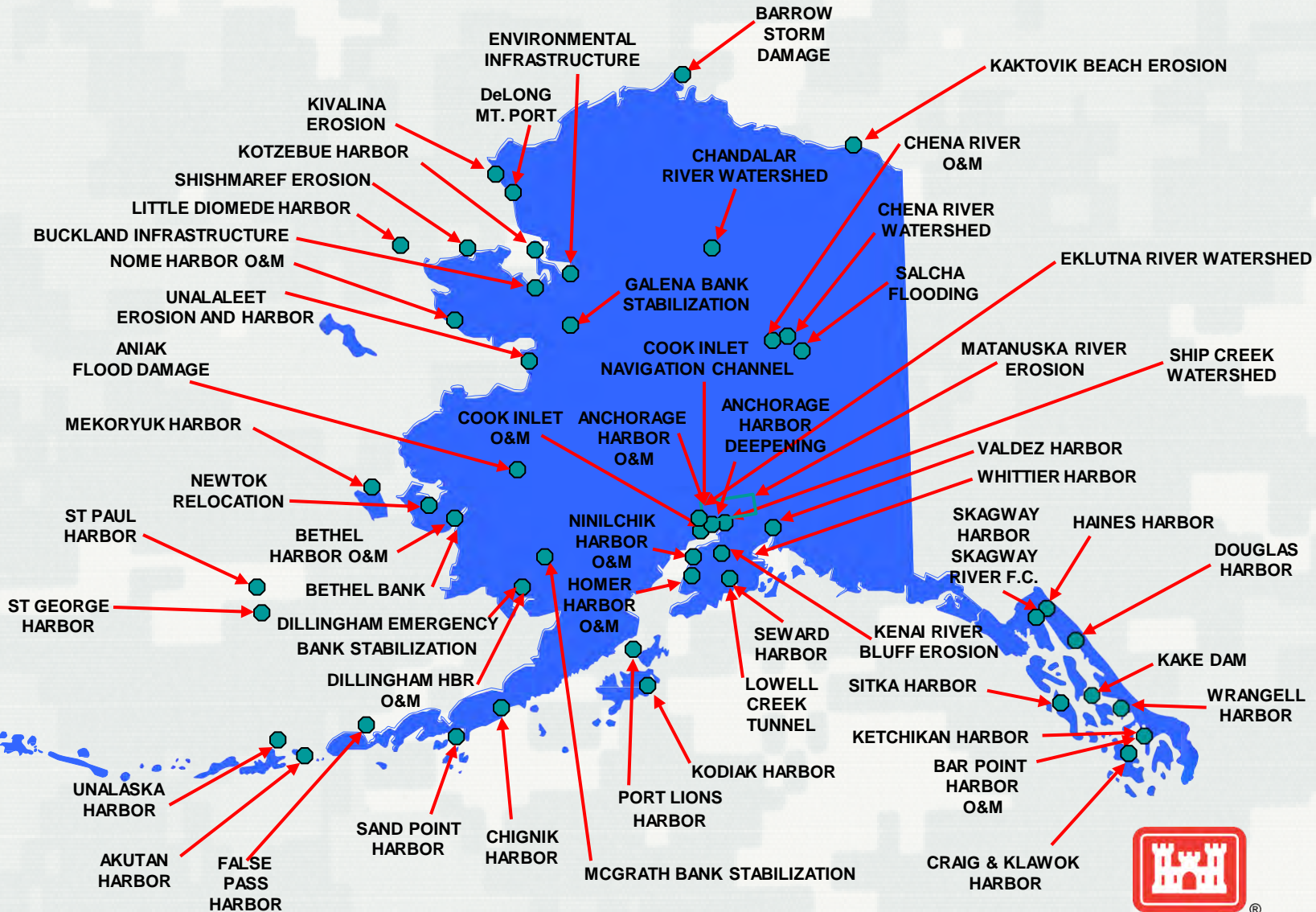
Alaska Community Support

- Navigation
 - Ports/Harbors
 - Port of Anchorage Dredging
- Flood Risk Management
 - Coastal and Storm Damage Reduction
- Emergency Response
- Recreation
- Water Supply
- Hydroelectric Power Generation



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ONGOING CIVIL WORKS PROJECTS



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CIVIL WORKS PROGRAM

◆ FY13 – 37 Projects / Activities @ \$50.7 Million

- 15 Studies / Designs @ \$5.1M
- 16 Construction/CAP Projects @ \$15.5M
- 15 Operations & Maintenance Activities @ \$22.1M
 - 1 new – Nome Harbor (5-year contract)
- 2 Regulatory / Emergency Response @ \$7.9M

◆ FY14 – 40 Projects / Activities @ \$40.1 Million *

- 10 Studies / Designs @ \$2.9M
- 5 Construction Projects @ \$6.7M
 - Potential Projects: St. Michaels @ \$1.3M
- 12 Continuing Authorities Projects
- 11 Operations & Maintenance Activities @ \$23M
 - 1 New – Dillingham Harbor (5-year contract)
- 2 Regulatory / Emergency Response @ \$7.5M

◆ FY15 – 30 Projects / Activities @ \$36.5 Million *

- 7 Studies / Designs @ \$6.7M
- 10 Continuing Authorities Projects
- 11 Operations & Maintenance Activities @ \$21.9M
- 2 Regulatory / Emergency Response @ \$7.9M

Erosion Control at Shishmaref



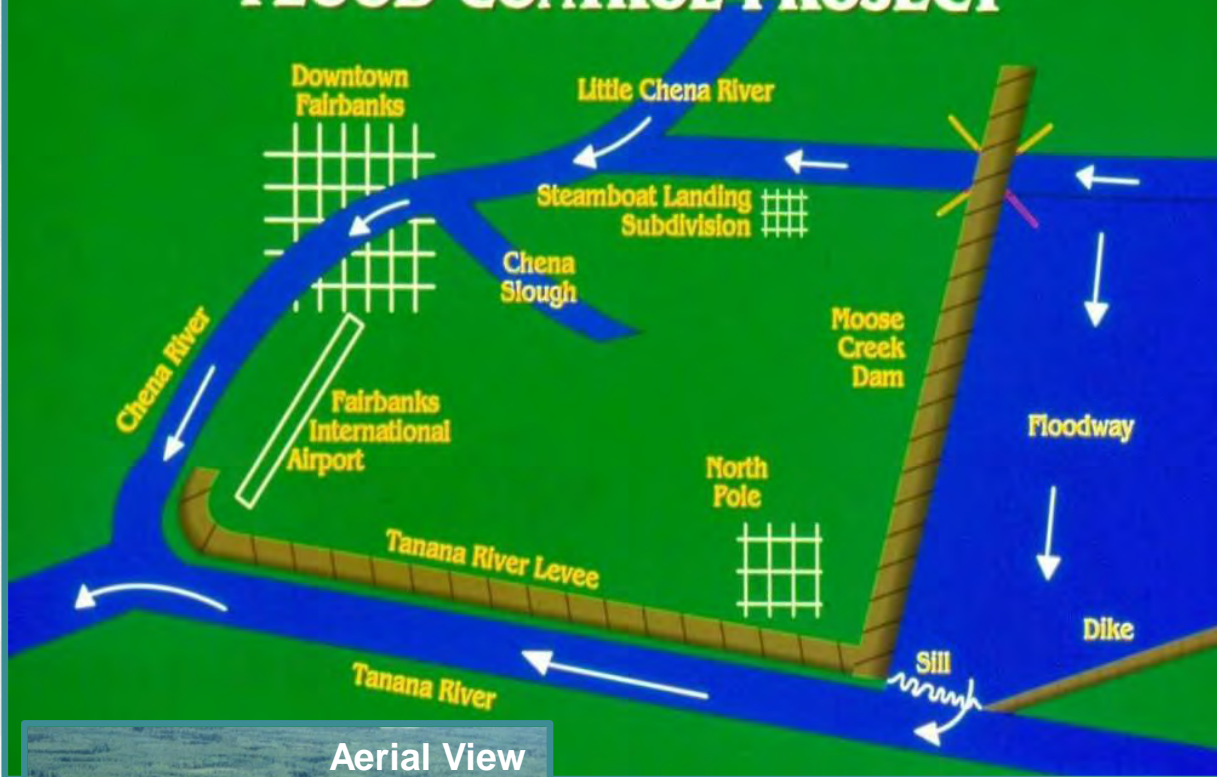
Dredging at Port of Anchorage

* Subject to
Congressional Appropriations

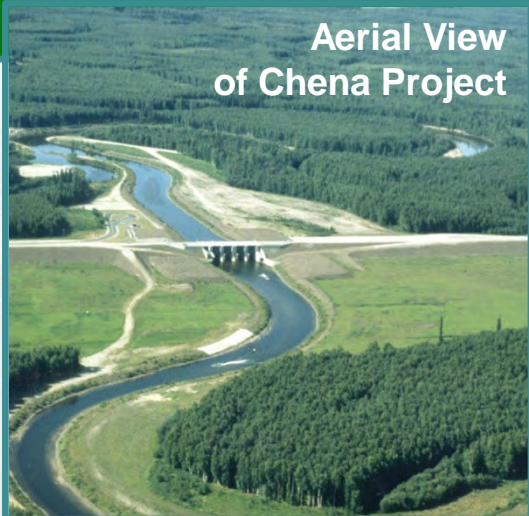


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CHENA RIVER LAKES FLOOD CONTROL PROJECT



1992 Flood at Moose Creek Dam



Aerial View of Chena Project

- Project built after 1967 flood disaster in Fairbanks
- Construction completed in 1979
- Features 7-mile earthen dam, floodway and 22-mile levee
- Currently implementing interim risk reduction measures and developing long-term solutions to address concerns



identified in 2009 Corps-wide dam safety assessment

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ARCTIC DEEP-DRAFT PORTS STUDY

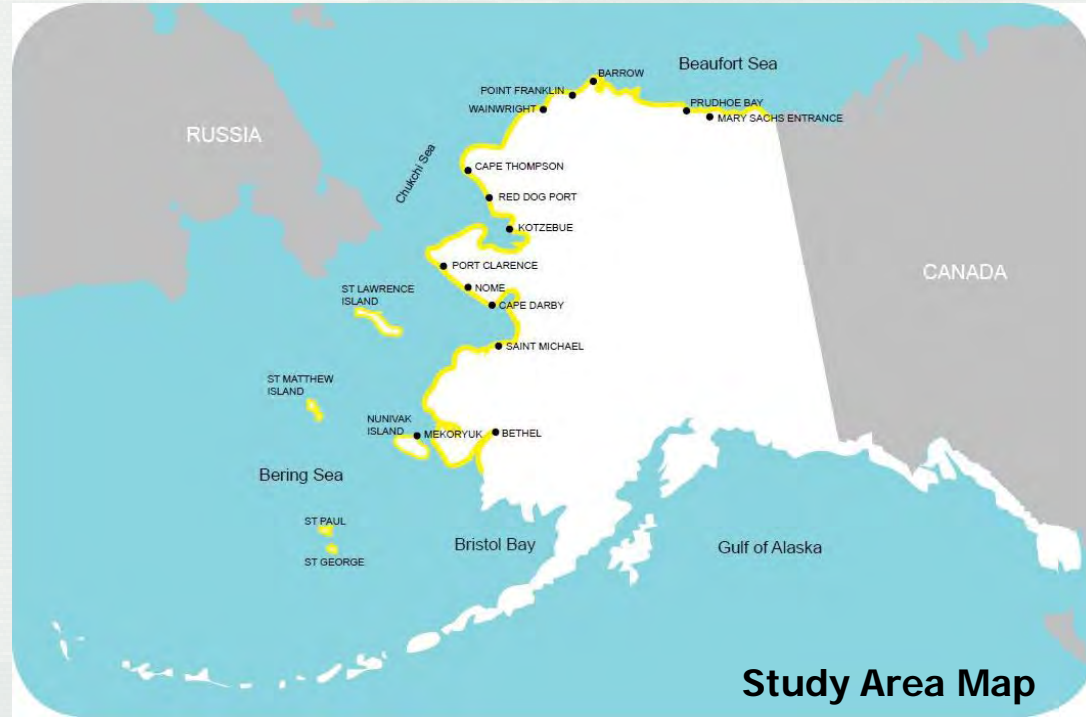
- Statewide Port Conference conducted in 2008 and 2010.

- Presented and prioritized comprehensive tabulation of marine infrastructure needs by region.
- Reviewed potential quarry sites.
- Analyzed relationship between hub communities and surrounding communities.

- Alaska Congressional Delegation and State requested focus on Arctic Deep-Draft Ports Study.

- “Arctic Coast” defined as north of Bethel to Canadian border.

- Using multi-criteria decision making software, State and Corps evaluated 14 sites that could benefit from enhanced marine infrastructure.
- Report released to public in January 2013 recommending in-depth analysis of Nome/Port Clarence area.
- Planning charrette executed in April 2013.
- NEPA public scoping meetings conducted in June 2013
- Expect to publish feasibility report for the Nome/Port Clarence region in 2014.



Study Area Map



ENVIRONMENTAL PROGRAM

Base Camp at Tanaga Island



Beach Excavation at Kogru River



White Phosphorous Remediation at Eagle River Flats



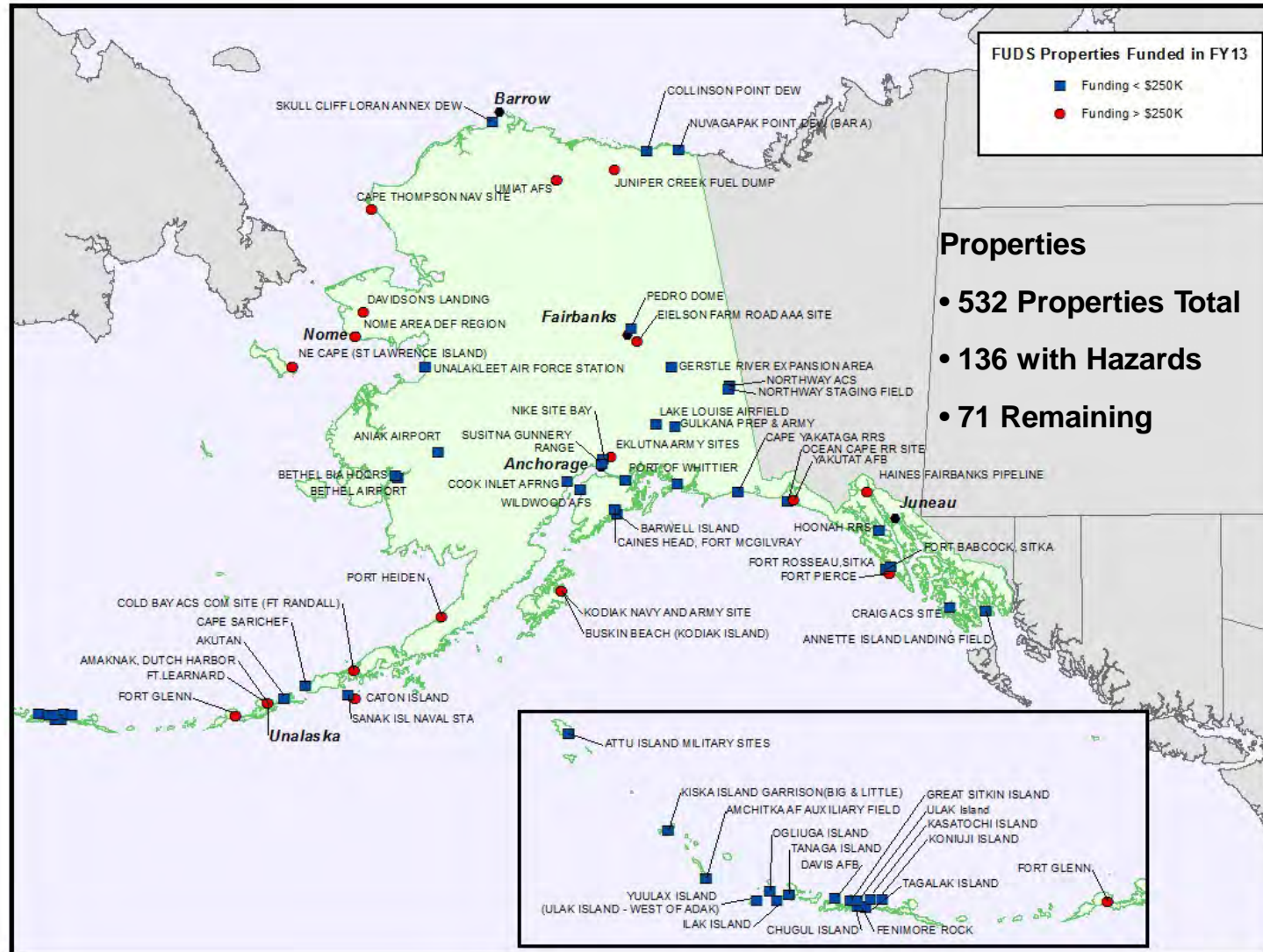
- **Formerly Used Defense Sites Program:** performs environmental restoration of sites contaminated with hazardous, toxic or radioactive waste and/or ordnance from past military activities.
- ! **Native American Lands Environmental Mitigation Program:** administers cooperative agreements with tribes to mitigate military impacts on tribal lands. Tribes execute work with tribal resources and federal funding.
- ! **Army and Air Force Environmental Program:** provides technical assistance to identify, investigate and clean up hazardous substances, pollutants and contaminants on active installations.
- ! **Interagency Environmental Program:** engages in environmental remediation and compliance activities on behalf of non-DoD federal agencies.



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ENVIRONMENTAL PROGRAM

Formerly Used Defense Sites (FUDS)



ENVIRONMENTAL PROGRAM

▲ FY13 – 220 Projects @ \$137 Million

Project Highlights

- Army Environmental: 60+ Projects @ \$14M
- Air Force Environmental: 90+ Projects @ \$53M
- International Interagency Support (IIS) Environmental: 11 Projects @ \$5M
- Native American Lands Environmental Mitigation Program: 9 Cooperative Agreements @ \$5M
- ! Formerly Used Defense Sites (FUDS): 50+ Properties @ \$60.5M

▶ FY14 – 200 Projects @ \$115 Million

Project Highlights

- Army Environmental: 60+ Projects @ \$12M
- Air Force Environmental: 80+ Projects @ \$30M
- International Interagency Support (IIS) Environmental: 8 Projects @ \$3M
- Native American Lands Environmental Mitigation Program: 10 Cooperative Agreements @ \$5M
- ! Formerly Used Defense Sites (FUDS): 50+ Properties @ \$65.4M

Tanaga Island



▲ FY15 – 200 Projects @ \$133 Million

Project Highlights

- Army Environmental: 60+ Projects @ \$12M
- Air Force Environmental: 80+ Projects @ \$30M
- International Interagency Support (IIS) Environmental: 8 Projects @ \$3M
- Native American Lands Environmental Mitigation Program: 10 Cooperative Agreements @ \$5M
- ! Formerly Used Defense Sites (FUDS): 50+ Properties @ \$87M

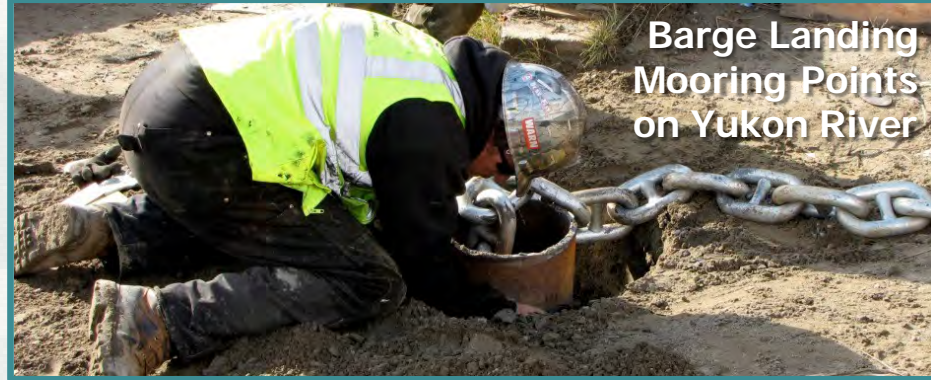


INTERAGENCY PROGRAM

Coast Guard
in Arctic



Barge Landing
Mooring Points
on Yukon River



Bridge Construction
on Annette Island



- Execution of work for other federal agencies

- Denali Commission
- Coast Guard (USCG)
- Federal Aviation Administration (FAA)
- National Oceanic and Atmospheric Administration (NOAA)
- Bureau of Indian Affairs (BIA)
- Bureau of Land Management (BLM)



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INTERAGENCY PROGRAM

FY13 – 22 Projects @ \$10.8 Million

- NOAA National Environmental Satellite, Data and Information Service: 4 Projects @ \$4M
- ┆ U.S. Coast Guard: 3 Projects @ \$200K
- ┆ Defense Logistics Agency – Energy & Interagency and International Services Fuels: 9 Projects @ \$3.4M
- ┆ Denali Commission: 6 Projects @ \$3.2M

FY14 – 16 Projects @ \$8.3 Million

- NOAA National Environmental Satellite, Data and Information Service: 2 Projects @ \$1.5M
- ┆ U.S. Coast Guard: 3 Projects @ \$4.9M
- ┆ Defense Logistics Agency – Energy & Interagency and International Services Fuels: 9 Projects @ \$1.7M
- ┆ Denali Commission: 2 Projects @ \$200K



FY15 – 13 Projects @ \$4.4 Million

- NOAA National Environmental Satellite, Data and Information Service: 2 Projects @ \$2M
- ┆ U.S. Coast Guard: 3 Projects @ \$200K
- ┆ Defense Logistics Agency – Energy & Interagency and International Services Fuels: 6 Projects @ \$2M
- ┆ Denali Commission: 2 Projects @ \$200K



INTERNATIONAL PROGRAM



Project Coordination in Bangladesh



Ribbon-Cutting Ceremony for School in Vietnam

Humanitarian Assistance Program

- Partnership with U.S. Pacific Command (PACOM)
- Projects in Bangladesh, Cambodia, Laos, Mongolia, Nepal, Sri Lanka and Vietnam
- Construction of schools, medical clinics, hospitals, blood centers, disaster centers, cyclone shelters, wells, structural retrofits, bridges and culverts

U.S. Agency for International Development

- Construction of multipurpose cyclone shelters/schools in Bangladesh
- Supporting USAID and the Local Bangladesh Government to construct roads, market centers and irrigation improvements

Global Peace Operations Initiative

- Partnership with U.S. State Department and PACOM
- Security assistance program
- Projects in Mongolia and Bangladesh
- Renovating and expanding training facilities for host-nation peacekeeping forces

Foreign Military Sales Program

- Providing the Indian Air Force with beddown facilities for recently purchased C-17 Globemaster III aircraft



INTERNATIONAL PROGRAM



Nepal

Humanitarian Assistance

- Blood Bank, Airport Support Facilities, Water Wells and Drainage Projects
- Four Projects in Design or Construction
- Koshi River Drainage Study



Mongolia

Humanitarian Assistance

- One Hospital Project in Planning
- Global Peace Operations Initiative
- Five Hills Training Center in Procurement at \$5.8 Million



India

Foreign Military Sales

- C-17 Beddown Project
- Phase 1, 2 and 2+ Awarded at \$240 Million
- Total Programmed Amount = \$285 Million



Laos

Humanitarian Assistance

- Construction of Schools and Medical Clinics
- Thirteen Projects in Design or Construction

Vietnam

Humanitarian Assistance

- Bridges and Disaster Response Centers
- Eleven Projects in Design or Construction



Cambodia

Humanitarian Assistance

- Blood banks, schools and Clinics
- Seventeen Projects in Design or Construction



Bangladesh

Humanitarian Assistance

- Coastal Crisis Management Centers
 - Thirteen Projects in Planning, Design or Construction
- ### U.S. Agency for International Development
- Multi-Purpose Cyclone Shelters/Schools
 - Three-Year Program at \$40.5 Million
 - 41 Projects in Construction and 43 Projects in Procurement
 - Agriculture Infrastructure Program Supporting Roads, Markets and Irrigation Projects

Global Peace Operations Initiative

- Design and Construction of Multipurpose Training Facility and Upgrades to Academic Building Procurement at \$4.6 Million



Sri Lanka

Humanitarian Assistance

- Hospitals, Schools
- Ten Projects in Design or Construction



GOVERNMENT OF INDIA ~ C-17 BEDDOWN PROGRAM

Foreign Military Sales FY11 – FY15

Master Planning, Requirements Dev. & Validation, Design & Construction

First C-17 Globemaster III Arrives in June 2013



Current Scope and Funding

- Planning, Request for Proposal Development and Design-Build Construction of C-17 Hangars, Annexes, Back-Shops and Complexes
- Programmed Amount: \$285 Million
- Contract Award Amount: \$240 Million
- Facilities Include:
 - Two-Bay Hangar Facility – Home Station Check / Fuel Cell Hangar, Corrosion Control and Supporting Back-Shops
 - Squadron Operations and Aircraft Maintenance Unit (AMU)
 - Supply and Engine Storage Warehouse
 - Aircraft Ground Equipment (AGE) / Vehicle Maintenance
 - C-17 Ramp, Lighting and Taxiway Improvements (East/West Parallel Segments)
 - High-Tension Power Line, Substation and Distribution
 - Fire Protection, Water and Wastewater Systems
 - Training Building
 - Parachute Packing / Rigging Facility
 - Site Offices for U.S. Government / Boeing

Site Plan at Hindan Air Force Base



BUILDING STRONG®

CELEBRATE SAFETY PROGRAM

• **Purpose:** to recognize and promote excellence in safety on Alaska District construction and environmental projects.

↳ **Goal:** to improve safe work practices and historical trends.

↳ **Timeline:**

- November 2013 – contractors receive instructions for preparing and submitting nomination packages
- Late January 2014 – deadline for submission of nomination packages for calendar year 2013
- Late February / Early March 2014 – award notifications and ceremonies conducted in Anchorage and Fairbanks

↳ **Award Categories:**

- Annual – open to prime contractors that complete a project or perform one year of active contract work during the current calendar year. Winners selected based on safety performance data and written narrative.
- Contractor of the Year – selected from those honored with annual awards.
- Individual Award – recognizes dedicated and committed individuals who go the extra mile to positively affect the workplace safety environment. Both contractor and government employees are eligible.
- Special Achievement Award – discretionary and may be given to a contractor, individual or government team that demonstrates safety excellence on a project and/or has gone the extra mile to positively affect the safety environment in the workplace or at a project site.



**Contractor of the Year 2012
Haskell Corporation**



BUILDING STRONG®

INDEFINITE DELIVERY, INDEFINITE QUANTITY

FY 14 Proposed Contract Actions

- Architect-Engineer Marine Infrastructure IDIQ ~\$45M
 - Will have P3 analysis requirements
- Large Business Environmental Remediation Services ~\$180M
- Utilidor IDIQ ~\$48M
- Facility Renovation and Repair ~\$25M
 - No design requirements with typical action <\$0.5M
- Small Works Design Build ~\$40M
 - Design requirements with typical action <\$1M



PUBLIC PRIVATE PARTNERSHIPS (P3)

This initiative is part of a larger Corps' effort to pursue alternative means for the financing of projects.

The Alaska District has a pilot project with P3 business case analysis in a planned Architect-Engineer Marine Infrastructure tool to better position the district to execute potential civil works like projects via P3 agreements.

Currently, the Corps is unable to directly access private capital as a means of executing projects. However, it can do so through other federal agencies and will likely be able to do so in the future should contemplated legislative authority be granted.



ENERGY & SUSTAINABILITY

Chena Project Office



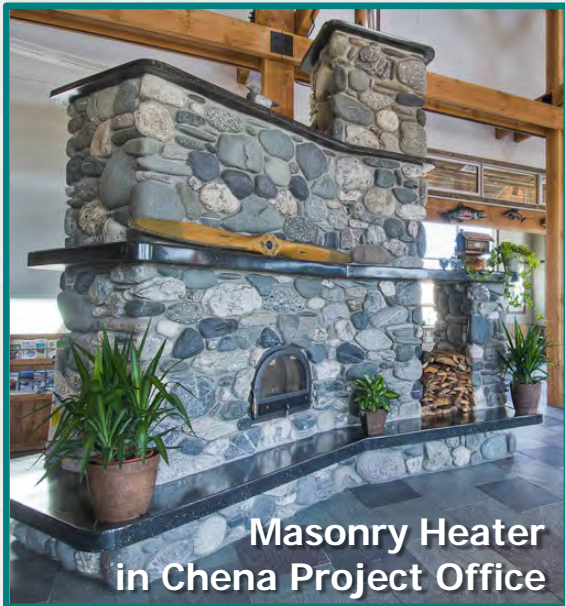
- Modernization of administrative building at Chena River Lakes Flood Control Project

- Electrical tie-in at Clear Air Force Station

- Boiler replacement at Eielson Air Force Base

- Power plant at Fort Greely

- Federal Energy Savings Outreach Program



Masonry Heater
in Chena Project Office



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REGULATORY PROGRAM

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

• **Authorities**

- Section 10 Rivers and Harbors Act of 1899
- Section 404 Clean Water Act (1972)
- Section 103 Marine, Protection, Research and Sanctuaries Act (1972)

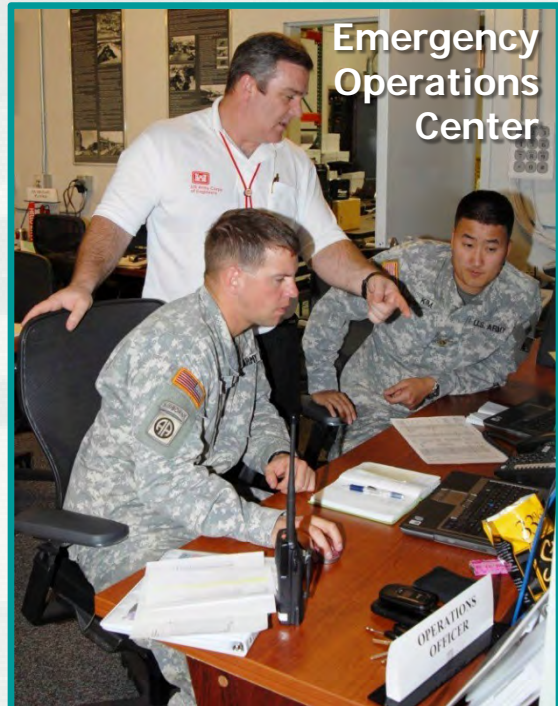
• **Most activities in Alaska require permits**

- Majority of State is jurisdictional waters
 - ○ Wetlands and other waters of U.S.
 - ○ 3 million lakes; 15 million miles of rivers /streams; 174 million acres of wetlands
- Regulatory Division staffed with ~50 people – mostly biologists (project managers)
- ~1,200 actions annually – environmental impact statements, individual and general permits, jurisdictional determinations, enforcement and compliance inspections
- Program complexity increasing, while resources (human and funding) decreasing



SERVICES

Emergency Management



- **Public Law 84-99: Flood Control and Coastal Emergencies** – authorizes Corps to provide emergency/disaster assistance
- ↳ **Stafford Act** – provides federal funding to state and local governments as well as certain non-profits organizations
 - FEMA: manages federal efforts
 - Authority: to plan and execute to save lives and protect property
 - Assistance: augments state and local capabilities
- **National Response Framework** – Corps responsible for Emergency Support Function #3: Public Works and Engineering
 - Corps has 47 mission planning and response teams
 - Alaska District provides one of four infrastructure assessment teams
- ↳ **Section 302, Water Resource Act of 1990 & Amended Public Law 84-99** – allows Corps to conduct emergency dredging



ALASKA FLOOD RESPONSE & RECOVERY 2013

Aerial View of Galena



Circle

July 21: Support to FEMA and State of Alaska – incident support for city bulkhead erosion



Galena

- May 30: State of Alaska disaster declaration
- June 25: Federal disaster declaration
- July 1: USACE support to Joint Field Office

Missions Assignments

- Regional activation (on-going – district reachback)
- High watermarks and baseline survey (complete)
- Project management support (on-going – district reachback)
- Levee inspection (on-going)
- Ice-affected stage frequency study (complete)
- Technical assistance – debris (complete)
- Construction project coordinator (complete)
- Infrastructure systems – recovery support function (on-going)



BUILDING STRONG®

CONCLUSION

- We are experts in arctic engineering and construction.
- We are partnering with the State of Alaska to support the ongoing needs for deep-draft navigation in the Arctic.
- We are supporting the national defense strategy for the Asia-Pacific region through our Asia and Foreign Military Sales programs.
- We are prepared to provide response and recovery assistance for any natural or manmade disaster within the Pacific Region.



BUILDING STRONG®

QUESTIONS?

Christopher A. Tew
Chief of Contracting, Alaska District
U.S. Army Corps of Engineers

“Building and Preserving Alaska’s Future”

