Indian Health Service (IHS)
The Federal Health Program for American Indians and Alaska Natives

Introduction to IHS
EPAC Presentation-March 9, 2018
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Indian Health Service
General Agency Overview

• **Mission:** To raise the physical, mental, social, and spiritual health of American Indians and Alaska Natives to the highest level.

• **Who We Serve:** The IHS provides a comprehensive health service delivery system for approximately 2.2 million American Indians and Alaska Natives who belong to 567 federally recognized Tribes in 36 states.

• **Services:** Clinical, Purchased/Referred Care, Preventive Health, Urban Health, Public Health, Environmental Health & **Facilities (Engineers!)**

• **Budget:** ~$6 Billion

• **Employees:** 15,000
Office of Environmental Health and Engineering

Engineering Disciplines within IHS
• Civil
• Environmental
• Mechanical
• Electrical
• Biomedical
• General
• Others (Architects, Engineering Technicians, Construction Inspectors)
Office of Environmental Health and Engineering

Division of Sanitation Facilities Construction-Environmental Engineering Component of the IHS Health Care Delivery System

• Program Services
  • Maintain Sanitation Deficiency Inventories
  • Provides Environmental Engineering Services
  • Project Development
  • Fund Water, Wastewater and Solid Waste Projects
  • Provide Professional Design and Construction Services
  • Provide O&M Training and Technical Consultation
  • Advocates for Indian People on Environmental Issues
  • Provide Emergency Response Services
Division of Sanitation Facilities Construction (DSFC)

- Funds sanitation facility design and construction for new and existing homes for Indian Communities.
- Total cost to correct existing sanitation deficiencies: Approximately $3.4 billion
- Cost to correct feasible sanitation deficiencies: Approximately $1.5 billion.
- FY 2016 appropriations of $99.4 million Complemented with contributed funds
- Typical projects range from individual home on-site water/sewer facilities (<$10K) to large scale wastewater treatment and collection facilities (>5M)
Division of Sanitation Facilities Construction (DSFC)

SFC Program Progress

- In 1959 20% of AI/AN homes had potable water in the home.
- Today there are approximately 400,000 AI/AN homes:
  - Currently 93.3% have potable water in the home.
  - 26,772 AI/AN homes without access to safe water or adequate wastewater disposal facilities:
    - Cost to serve these homes is estimated to be $1 billion.
    - Homes are located in very remote locations.
Division of Sanitation Facilities Construction (DSFC)

SFC Engineer Assignments (within an Area)

• SFC Program Director/Deputy Director (Typ. 1-3 per Area)
  • Oversees all aspects of the delivery of SFC Services to Tribes across an Area.

• District Engineer (Typ. 1-3 per Area)
  • Manages project engineers usually within a geographically assigned region, ensures projects are completed, makes recommendations to SFC Director.

• District/Tribal Utility Consultants (Typ. 1-5 per Area)
  • Provide technical assistance to Tribal Utility Organizations to enhance their O&M Capability.

• Sr. Field Engineers, Field/Junior Engineers (Typ. 1-6 per office)
  • Design/project engineers for construction projects. May manage support staff or manage field offices (1-3 offices/dist)

• Others-Staff Engineers, Engineer Consultants

2017 (Area/HQ)
-238 SFC Engineers
-548 Total SFC Staff
Division of Sanitation Facilities Construction (DSFC)
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Office of Environmental Health and Engineering

Health Care Facilities

- Division of Facilities Planning and Construction (DFPC)
- Division of Facilities Operations (DFO)
- Division of Engineering Services (DES)
  - Seattle & Dallas Offices
The IHS Facilities Program is Responsible for the:

- Construction/acquisition of new facilities
- The day-to-day operation and maintenance of the existing facilities/real property
- Supporting program enhancements and energy conservation initiatives
HEALTHCARE FACILITIES

The IHS supports facilities in 36 States

- **45 Hospitals**
  - 27 Federally Operated + 18 Tribally Operated

- **343 Health Centers (Including school health centers)**
  - 59 Federally Operated + 284 Tribally Operated

- **111 Health Stations**
  - 32 Federally Operated + 79 Tribally Operated

- **163 Village Built Clinics in Alaska**

- **Youth Regional Treatment Centers**
  - 5 Federally Owned + 7 Tribally Owned

- ~2,700 staff housing units (Quarters)
# Healthcare Facilities

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>IHS-Owned Facilities</td>
<td>10.4M SF</td>
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<tr>
<td>Owned Buildings</td>
<td>2,144+</td>
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<tr>
<td>Federal &amp; Trust Land</td>
<td>1,830 Acres</td>
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<tr>
<td>Average Age IHS-Owned Buildings</td>
<td>36 years</td>
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<tr>
<td>Plant Replacement Value (Tribal and Federal)</td>
<td>$4,811M</td>
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<tr>
<td>BEMAR (Tribal and Federal)</td>
<td>$515M</td>
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HEALTHCARE FACILITIES BUDGET

FY 2016 Appropriation

- Maintenance and Improvement: $73.6M
- Facilities Support Account: $133.1M
- Health Care Facilities Construction: 105.0M
- Medical Equipment: $22.5M
- Quarters Return: $7.5M (collections from rent)

TOTAL: $341.7 Million
HEALTHCARE FACILITIES PROGRAM

Engineer Roles

• Division of Facilities Planning and Construction (DFPC)
  • Program Management
    • Data
    • Funding
    • Facility Planning
  • Project Management
    • Technical Support
    • Design and Construction

• Division of Facilities Operations (DFO)
  • Facility Engineer/Manager
  • Program/Project/Facility Management
  • Data Management

• Division of Engineering Services (DES)
  • Design and Construction Project Management
  • Engineering Technical Support
  • Authority Having Jurisdiction (AHJ)
IHS Health Center, Fort Yuma, CA
SOUTH EAST AMBULATORY CARE CENTER, AZ
JOINT VENTURE PROJECT
WASILLA, AK
JOINT VENTURE PROJECT
PHILADELPHIA, MS
SAP Project
Shingle Springs, CA
DENTAL PROJECT
BYLAS, AZ

Old

New
Operation & Maintenance of Building Equipment & Systems
Operation & Maintenance of Building Equipment & Systems
SUSTAINABILITY (‘GREEN’) PROJECTS
STAFF QUARTERS, OLD
MEDICAL EQUIPMENT
MEDICAL EQUIPMENT
Thank You!