

Agenda

- Phase II Objectives
- Background and Phase I Recap
- Phase II General Approach
- Phase II Major Tasks
- Team Members
- Deliverables
- Phase II Timeline



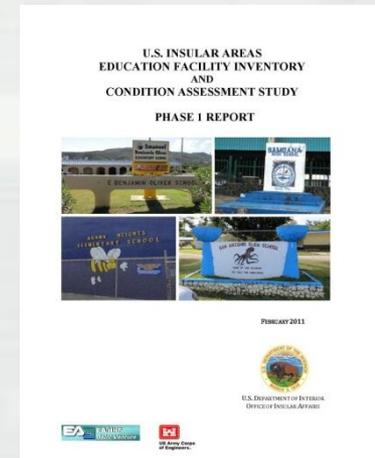
Phase II Objectives

- Implement the Secretary's direction to monitor and improve the physical condition of insular schools
- Provide an accurate accounting of building and building system current replacement values and condition
- Provide information to guide decision-making regarding funding of deferred maintenance and capital investments



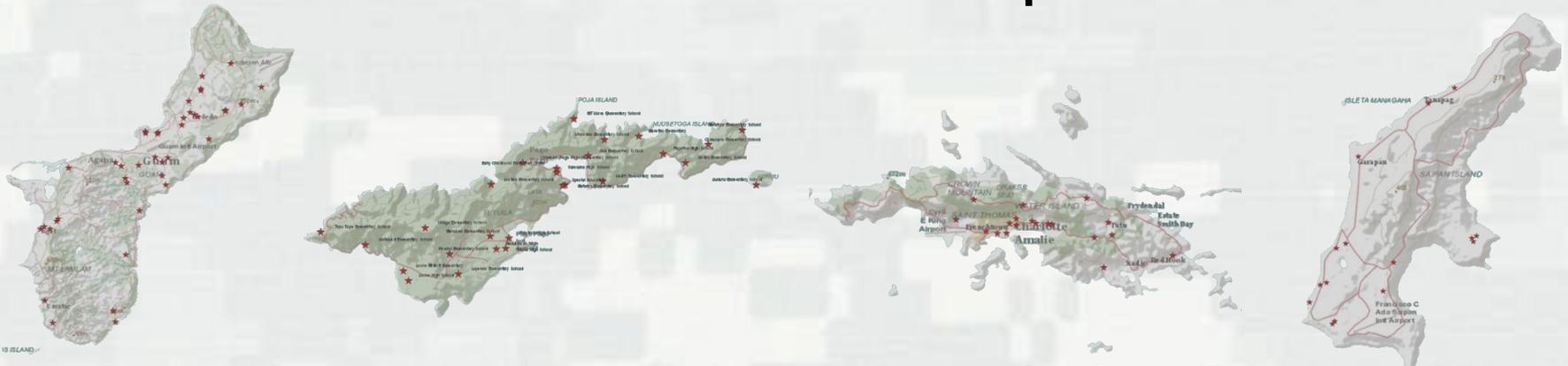
Background

- Initiative is a partnership between OIA and Guam, American Samoa, the Commonwealth of the Northern Mariana Islands and the U.S. Virgin Islands with a shared goal of creating the best possible learning environment for our children by furnishing safe and functional schools
- Phase I, initiated by USACE Honolulu District at the request of OIA in August 2010, developed a framework and assessment process for Phase II work in each jurisdiction based on an inventory of facilities and stakeholder input - Final report delivered to OIA in February 2011
- Phase II of the Insular A, B, C's initiative announced by Assistant Secretary for Insular Areas, Anthony Babauta in March 2011 as a means to improve the physical condition of insular schools as part of the Department of Interior's Strategic Plan 2011-2016



Phase I Accomplishments

- Engaged with OIA field representatives
- Conducted preliminary meetings with school district leaders and principals
- Performed site visits of sample schools



- Developed general approach for Phase II inventory/assessment



Phase II General Approach

- Capture, evaluate and track facilities, buildings, building systems and prioritize deficiencies
- Proactive approach to identify potential asset issues
 - Condition-based maintenance program can be managed as a continuous improvement initiative
 - Extend the life cycle of facility assets



Phase II Major Tasks

- Work Plan/Preplanning. Develop operating instructions and procedures, establish stakeholder communications and coordination, calibrate cost model, design and test Facility Information Management System
- Conduct Baseline Inventory Assessment in the four insular areas (CNMI, Guam, Am Samoa and US Virgin Islands)
- Integrate the Inventory Assessments and FIMS database
- Establish OIA and insular area connectivity to web-based FIMS reporting capability
- Prepare draft and final reports



Major Tasks:

Baseline Inventory Assessment

- Conduct a thorough baseline inventory assessment of the overall physical condition and deferred maintenance of 125 public schools comprising approximately 1,561 buildings



Major Tasks: Facility Information Management System

- A single, centralized repository; one solution for all activities related to facility lifecycle management
- Accessible to authorized users via the web



Major Tasks: FIMS Dashboard Prototype



Major Tasks: FIMS Dashboard Prototype

The dashboard features a top navigation bar with links: Home, My Reports, Requests, Projects, Tasks, Maintenance, Inventory, Contracts, Procurement, Portfolio.

Customer Satisfaction

- Reminders - Facility Assessment
- Facility Condition

Facility Assessment

- Locate Space
- Performance Metrics - Facility Assessment Planner
- Facility Operating Current Replacement Value Index
- Facility Condition Index
- Preventive Maintenance Task Completion Rate

Performance Metrics

Document Manager

- Document Manager
- Bulk Create Opportunities
- Facility Condition Analysis
- Analyze Opportunities
- Create Opportunities
- Create Facilities Project
- Create Inspection Request
- Create Funding Request
- In-Progress Funding and Inspections Request
- Funding and Inspections Request History

Facility Details

Type	Name
Building Equipment	DQ-1000234-Boiler 01
Building System Item	2000 Executive Parkway - D30 - HVAC -1000014
Building	Dai 20-2000 Executive Parkway
Document	
Building	LAR32-San Gabriel Valley Service
Facility Assessment	1000004
Analysis	
Opportunity	1000023

Map of the Campus

CNMI PUBLIC SCHOOL SYSTEM
KAGMAN HIGH SCHOOL
Map of the Campus

Map labels include: BLDG. A, BLDG. B, BLDG. C, BLDG. D, BLDG. E, BLDG. F, BLDG. G, BLDG. H, BLDG. I, BLDG. J, BLDG. K, BLDG. L, CAFETERIA, MAIN OFFICE / LIBRARY / TRUANT OFFICE, ROTC DRILL PAD / BASKETBALL COURT, STAFF PARKING AREA, STAGE, ENTRANCE, STUDENT PARKING AREA, and STUDENT CAR EXIT.

Net Present Value

A red arrow points from the 'Document Manager' section to the map area.



Major Tasks: Replacement Cost Model

- Create typology of school building types (classroom, library, cafeteria, etc.)
- Classify building systems (structure, shell, interior, services, etc.) utilizing UNIFORMAT II category standards
- Develop unit costs with locally adjusted construction cost data



Phase II Team Members

- Department of Interior – Office of Insular Affairs
- USACE Honolulu District – Project Manager
- Helber Hastert & Fee – Prime Consultant
- HHF Team Members
 - ▶ EA Engineering Science and Technology - IT
 - ▶ Mason Architects - architecture
 - ▶ INSYNERGY – mechanical, electrical and fire protection engineering
 - ▶ Martin & Chock, Inc. – structural engineering
 - ▶ J. Uno & Associates – cost estimating
 - ▶ Austin Tsutsumi & Associates – civil engineering



Phase II Deliverables

- Comprehensive assessment of insular schools' physical condition -- including cost estimates of required deferred maintenance to guide future OIA funding decisions
- Web based FIMS capability to query, analyze and report building condition and other relevant data that can be expanded to enhance local school district facilities planning, programming, budgeting systems
- Hard copy reports (draft and final) summarizing methodology, procedures and results



Phase II Timeline

- Work to commence March 2012

