Installation Development Plan (IDP)

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Presentation Overview

Key Sections

- Introduction
- Planning Drivers
- IDP Steps
- GIS Mapping Products
- In House / Contracted Labor
Who We Are

GeoReadiness Center - GRC

Mission: The GeoReadiness Program provides Navy shore installations with geospatial products and services that improve situational awareness to enhance Naval Shore Readiness and strengthen decision-making.

Vision: Promote geospatial insight to advance the Navy Shore Enterprise
An Installation Development Plan (IDP) is the official planning document that guides Installation development activities - influenced and guided by financial limitations.

(IDP Consistency Guide)

An IDP helps:

- Address Mission Deficiencies (Ex. lack of training facilities)
- Prevent Waste of Resources (Ex. construction vs. consolidation)
An IDP Examines:
- Facility Use / Capacity
- Traffic Circulation
- Support Facilities
- Recreation
- Installation Layout

An IDP Provides recommendations for future development
- Driven by Mission Needs (Ex. NAS Jax requires airfield repairs)
- Based on Stakeholder Input (Ex. MWR requests a new gym)
Planning Drivers

Priority Ranking
1. Mission Support
2. Workplace Support
3. Housing
4. Quality of Life
5. Fitness/Recreation
6. Aesthetics

(IDP Consistency Guide, p. 2)
Planning Drivers

Capability Gaps, Mission Changes, Consolidation, Demolition
IDP Steps

- **Stakeholder Interviews**
  - Identify land use planning needs
- **Vision Workshops**
  - Develop a Vision for the base
- **Area Development Plan (ADP) Workshops**
  - Focus on individual regions of the Installation
- **IDP Development**
  - Support future land use planning decisions
Historically, IDPs were contracted out with only a final PDF provided.

In a movement towards smarter planning, NAVFAC SE now utilizes GIS to better plan and serve Installation Stakeholders.
GeoReadiness Explorer (GRX)

Planners & Engineers view “live” data and make more educated decisions through the power of GIS.

Web Viewer - GRX
GeoReadiness Explorer (GRX)
GRC Support For IDP Process

Collect, Analyze, & Compile Data

(IDP Consistency Guide, p. 7)
Mapping Products

Typical Maps Needed:

- Base Maps and Aerial Images
- Operational and Environmental Constraints
- Existing Land Use / Future Projects
- Utilities
- Tenants and Topography
Operational Constraints Map

Ex. Training Areas, Ammo Storage
Environmental Constraints Map

Ex. Installation Restoration Sites, Lakes, Wetlands
Building Age Map (iNFADS)

iNFADS – the Navy’s Authoritative Real Property Database
ADP Workshop Output

Concept Compiled in Workshop using Parchment Paper over base maps.
GRC Workshop Output
IDP Results

- Approximately 120 maps
- 7 workshops, 7 weeks of travel
- Approximately 400 pages
IDP Team

Installation Stakeholders

CO, XO, CPLO, PWO, Fire / Rescue, ENV, MWR, FMD, Air Ops, Public Affairs, Safety, Tenant Commands

In-House Team (Core)

3-4 Planners
GIS Analyst
Architect
Civil Engineer
Contracted Effort

- Contractors produce quicker product (1-2 years) but may be less accurate
- Assist considerably with our workload

In-House Effort

- 15-30% Cost Savings
- We take more time (2-3 years) but typically produce a more accurate product
- Not enough resources to complete all IDP’s in-house
Producing An IDP

Cost Savings In-House
• No Profit Included for In-House Work
• Total Labor Rates are Lower than Contractors
• Potential Travel Savings (Proximity to Bases)

Quality Improvements In-House
• Team is more familiar with Navy Operations / Missions
• More likely to spot errors (Facility Condition Knowledge)
• Easier Access to Base / Stakeholders
Questions / Comments?

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Resources;
IDP Consistency Guide