COASTAL DATA EXCHANGE

SEAWALL DATA COLLECTION ON OAHU

Steve Cheung, Planner
Lester Hirano, Planner
Code Compliance Branch
Department of Planning and Permitting (DPP)
Seawall Basics

• What are Erosion Protection Structures
  – Embankments (Revetment)
  – Sandbags
  – Rip Rap (Rubble)
  – Hardened, e.g. CRM vertical seawall

• 4 types
  – Permitted
  – Non-conforming – Built before June 22, 1970
  – Illegal
  – Undetermined

• Permits require field visit
  – Verify dimensions
What initiates a Shoreline Investigation

• Building permit applications
  – If Located within the 40 ft shoreline setback
    • requires shoreline setback variance
    • Or a Minor Shoreline Structure permit
    • Certified Shoreline Survey by DLNR
  – Between 40 and the 55 ft waiver line
    • Requires Current Shoreline Survey by DLNR
  – Located beyond 55 ft Shoreline requirements not applicable
    • Exception – Substandard Lot Size and New Subdivisions

• Complaints
  – Most common

• Regular periodic shoreline review
  – New Photos
How are Investigations performed

• Usually complaints about work being performed.
• If restricted access, then gain access from owner or representative
• Then research historical data, shoreline database of photos.
• Collect more photos and file into database.
• Determine if permitted or actions are required.
Data Collected and Resources

• Shoreline Photo Database
  – Linked to POSSE by TMK
  – New photos being added regularly
• Mosaics
  – Panoramas
  – Mostly shore view some aerials
  – Scanned
• Historical Aerial Photos
• Shoreline Investigation (SI) files
  – Shoreline Survey
Photo Inventory – Access via POSSE permitting system

Linked Photo Libraries via POSSE

Scanned Panorama's and Mosaics
Multiple Time Frame Photos

Historical Photos from Kayak

Shoreline Construction Assessments
Historical Aerial Comparisons

Mapping of locations by TMK

Comparison to prior years
Data Access

- Information is public record
- Notices of Violations can be researched online.
- Photo and SI files can be researched via appointment
- Some restrictions based on investigation status
- Pursuing wider web based access to information
MAHALO !!!

Code Compliance Branch
768-8111

www.honoluludpp.org