

Honolulu District CMS Projects

Justin Goo

Coastal Engineer

Honolulu District

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Honolulu District CMS Projects

- Southeast Oahu Regional Sediment Management (RSM)
- North Kohala Light Draft Navigation Facility



Southeast Oahu RSM

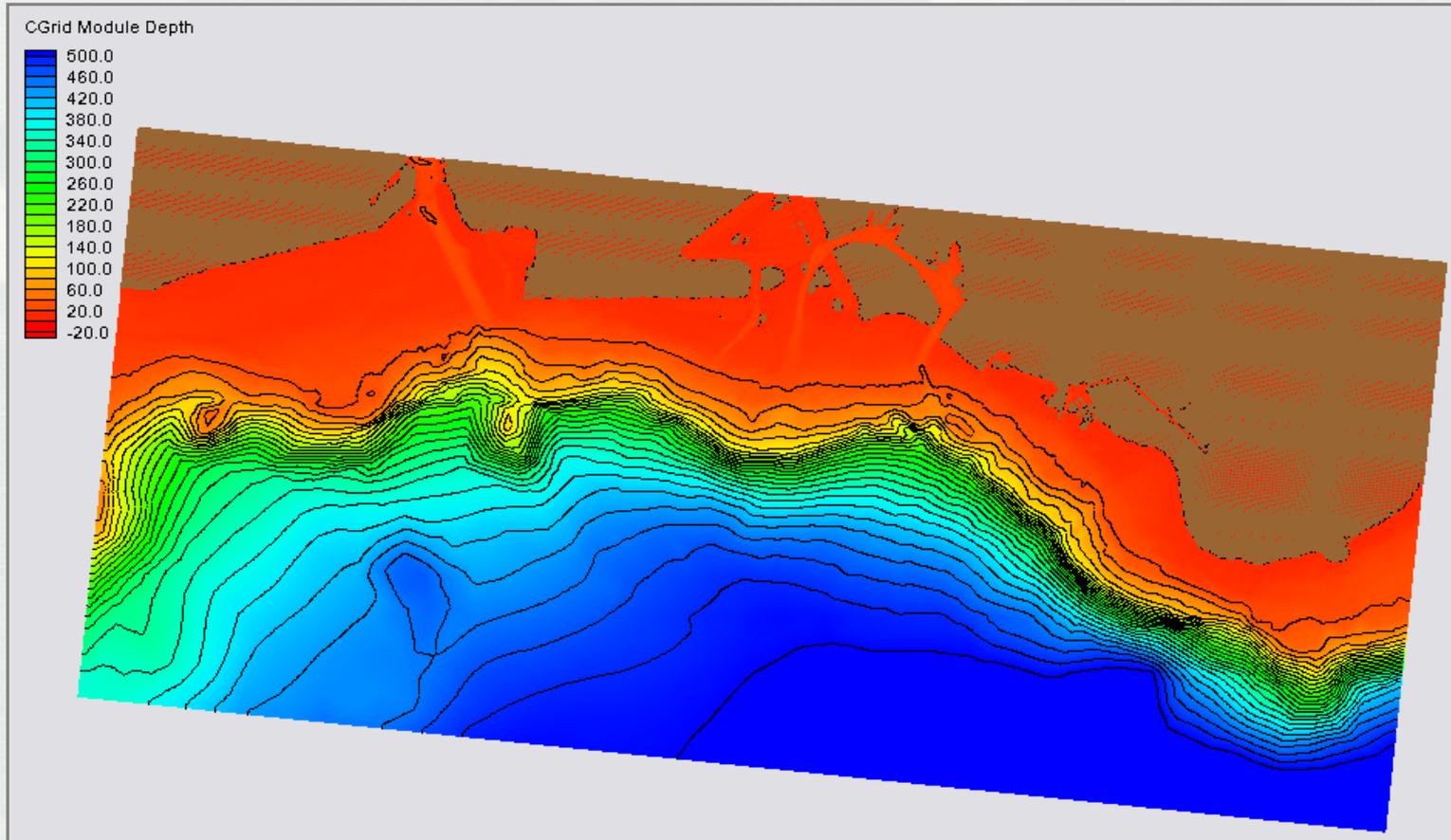
- FY09 – FY10 focused on D2P (Diamond Head to Pearl Harbor)
- Project Goals
 - ▶ Quantify sediment resources and pathways
 - Provide engineering design guidance necessary to restore vital beach resources
 - Conduct Federal maintenance dredging in the most cost effective way
 - ▶ Investigate RSM opportunities in the D2P region
 - Further understand the dynamics of the complex coastal processes
 - Promote the development of long-term strategies for sediment management
- CMS
 - ▶ Determine magnitude and direction of the wave and tide generated currents in region



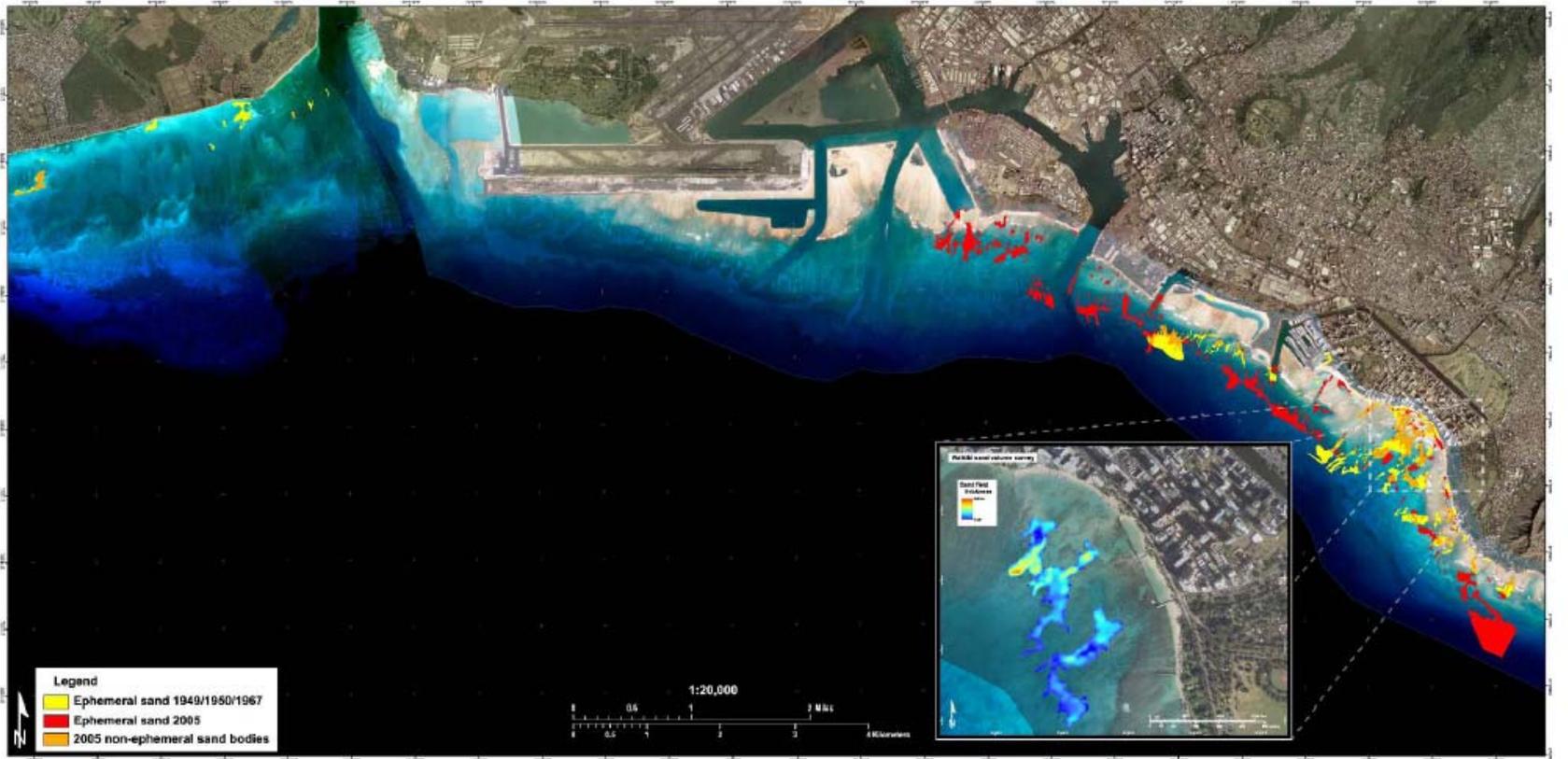
D2P Region



Southeast Oahu Bathymetry



Offshore Sand Sources

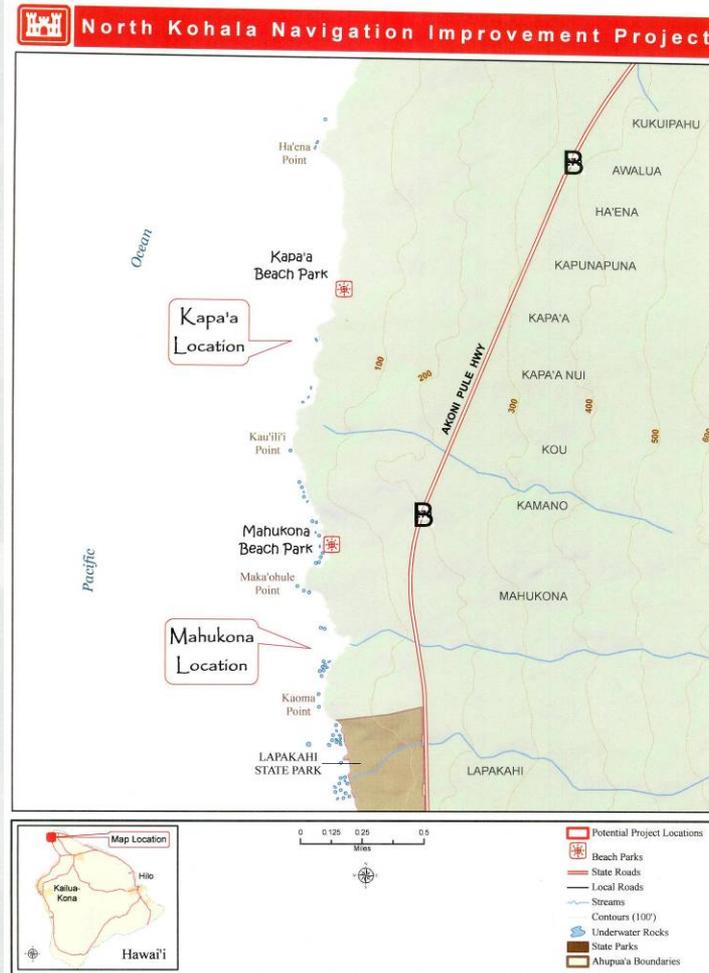


North Kohala Light Draft Navigation Facility

- Feasibility Phase
- Authorized under Section 107 of the River and Harbors Act of 1960
- Development of a boat launch facility along the western coast of North Kohala, Island of Hawaii, Hawaii
 - ▶ Lacks any boat launching facility for commercial and recreational boat use
 - ▶ Closest neighboring facility is located approximately 13 miles of the nearest potential project site
- CMS-Wave
 - ▶ Determine the optimal location for the boat launch facility based upon the prevailing wave conditions
 - ▶ Used over STWAVE because of wave diffraction
 - Important in when coastal structures are present



North Kohala Light Draft Navigation Facility



Questions??



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