



From James Buika

Kahana Beach Cell

Nine condo properties, plus one private residence (north to south):

- Kahana Village
- Kahana Outrigger*
- Felimon Sadang property
- Kahana Reef*
- Pohailani*
- Hololani*
- Royal Kahana
- Valley Isle Resort
- Sands of Kahana
- Kahana Beach Resort*

*armored shoreline (temporary or permanent)











Beach Restoration is Feasible

June 5, 2016:

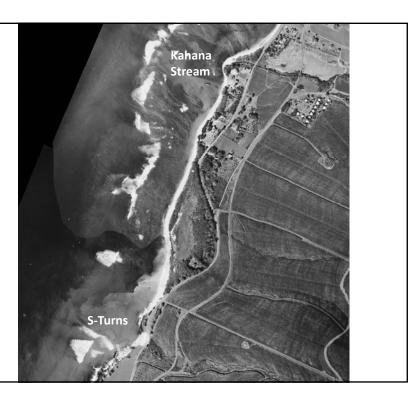
- County Council-funded sand study reaches conclusion
- Sand quality and quantity sufficient for beach restoration



2016 County Council Funded Sand Study Sand quality, quantity, and location is good Offshore Borrow Area 19 Offshore Borrow Area 19 Native Beach Sand

Kahana Bay in 1949:

Kahana Bay was once a continuous sandy beach before and during time of development in early 1970's.



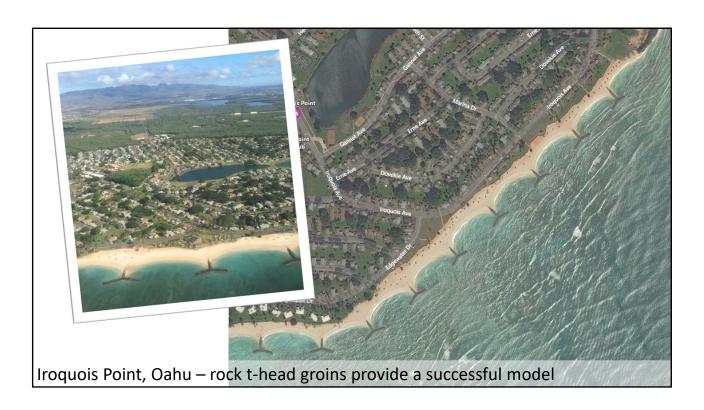
Hololani Maui Planning Commission Decision, July 2016



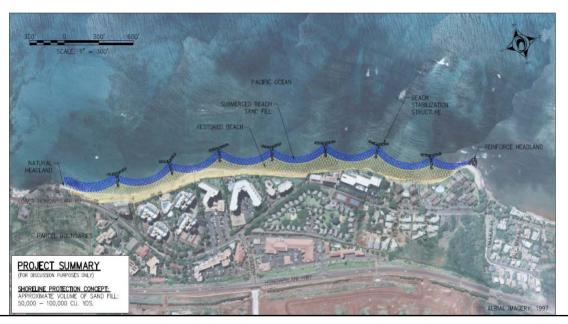
Hololani, 2019. Sheet pile seawall with concrete cap is installed.

Key Maui Planning Commission conditions, based on known beach restoration feasibility:

- 1. That the Hololani shall contribute actively and financially to a regional beach restoration project.
- 2. That, at the time when the Regional Project is implemented, the hybrid seawall/revetment shall be dismantled and removed by the Hololani, at Hololani's own expense.
- 3. That public access must be provided and maintained both to the shoreline and along the beach transit corridor (across the lawn).



Kahana Bay Restoration Concept



Kahana Scope and Status

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Project Scope	 Restore 1975 beach footprint Sand Volume = 50,000 to 100,000 cubic yards
Sand Study	Completed in 2016 – sand source confirmed
Community Facilities District Economic & Environmental Benefits	 Protect ~936 shoreline dwelling units Combined value of \$500+ million Contribute over \$10 million annual tax revenues Restore coastal ecosystem & enhance recreation
Environmental Impact Stmt	"EIS-Prep Notice" published July 23, 2019
Construction Cost Estimate	\$15-30 million (up from \$9-15 million)
Funding Mechanism	Private funding, with possible Community Facilities District (CFD) – seek State funds (to do)
Construction Timeline	Depending on Draft EIS and supplemental studies

Kahana: Proposed Community Facilities District



- Using Community Facilities District bond...
- If cost = \$24,000,000
- 1,200 owners = \$20,000/unit
- 20 year bond life= \$1000/year
- ~\$83/month/owner for 20 years



Conclusion: Five-year Proactive Planning Partnership Effort since 2015

- 1. Documentation of the Public-Private Partnership since 2015:
- 2. Council Budget Funding for Kahana Bay Sand Study in 2016 w Royal Kahana
- 3. County Conduct of over 40 Community & Ownership Meetings since 2015
- 4. Engagement with the US Army Corps of Engineers, Completion of \$50,000 Alternatives Study for Kahana Bay, 2016
- 5. County Emergency Permits Issued to Protect Kahana Bay parcels, 2010 2019
- Formation of the Kahana Bay Steering Committee & Cost-Sharing Agreement
- 7. Private Funding for Environmental Impact Statement, 2017
- 8. Formation of Community Facilities District Ordinance, 2018
- 9. Recent November 18 County Council Meeting re: CFD, 2019
- 10. Major 5-Year Proactive Shoreline Planning Effort by the County of Maui with the Kahana Bay Steering Committee 2015-2019

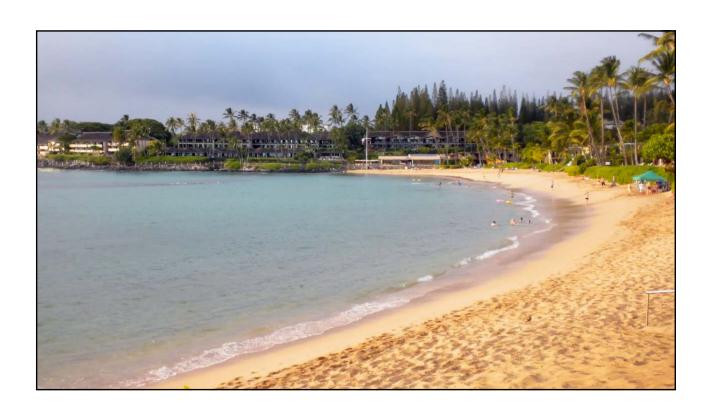
Napili Beach Cell

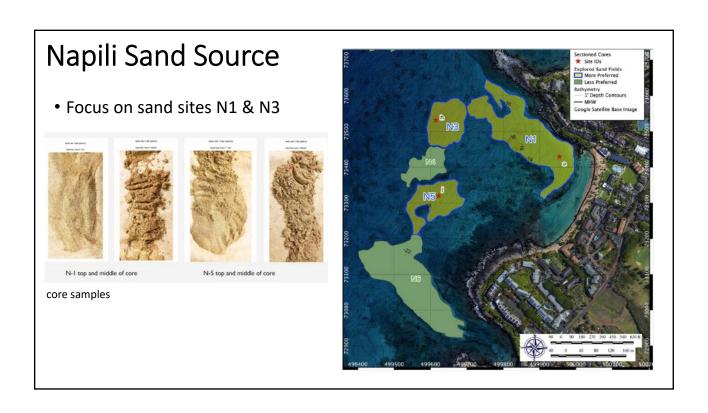
Seven properties (north to south):

- Napili Kai
- The Mauian
- Hale Napili
- Napili Sunset
- Napili Bay
- Napili Surf
- Napili Shores

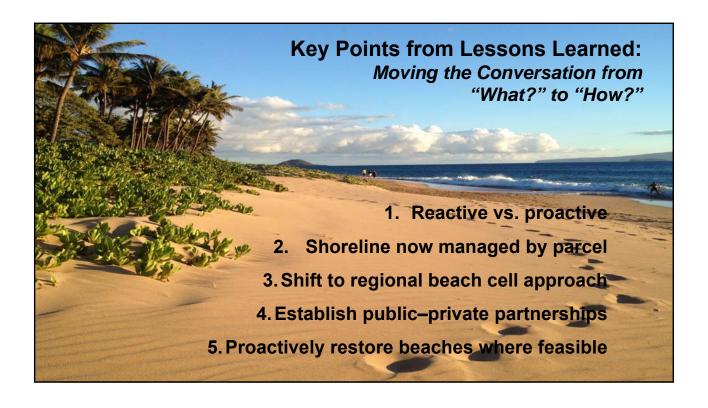








Napili Scope and Status	
Project Scope	 Sand Volume = 10,000 cubic yards Dry Beach Width Increase = ~20 feet
Sand Study	Updated in July 2018
Community Facilities District Economic & Environmental Benefits	 Protect 670 dwelling units Combined value of \$400+ million Over \$9 million annually in tax revenues Restore coastal ecosystem & enhance recreation
Environmental Assessment	Programmatic Small Scale Beach Restoration
Construction Cost Estimate	Estimated at \$1-3 million (?)
Funding Mechanism	Seeking private funds
Construction Timeline	Permits and construction by late 2021 (?)



Mahalo Nui Loa

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