Hāna Harbor Pier Improvement Environmental Assessment

Public Meeting
October 28, 2014 | Helene Hall | Hāna, Maui
1. Meeting purpose
2. Project update
3. Clarify commercial use of the pier
4. Alternatives (rebuild, demolish)
5. Pier access, Wave attenuation project (DLNR DOBOR)
6. Q&A
Meeting Purpose

- Update the community on the status of the project
- Provide clarification on commercial use of the pier
- Identify potential impacts that should be studied in the EA
Project Update

- Funding
- Contract amendment
- Internal consensus on purpose and need, & commercial use of the pier
Purpose and Need

As identified in the development plan:

To provide an operational pier in times of emergency.

To provide an improved pier for local & commercial fishermen.

To provide an operational pier for the present and future community of Hāna.
The mission of the Harbors Division is to effectively manage and operate a statewide commercial harbors system that facilitates the efficient movement of commercial cargo, passenger and fishing vessels entering, leaving, or travelling within the State, and facilities and supporting services for loading, off-loading, and handling of cargo, passengers, and vessels. – HRS 266-1
Allowed uses

- Emergency calls – Emergency supplies, building materials
- Cargo – exporting produce, importing building materials, fuel
- Passenger - ferry service
- Cruise - smaller scale cruise operations
- Commercial Fishing
Limitations

- Remote location
- Rough conditions
- Lack of landside infrastructure
- Design – Height of the pier deck would prohibit smaller vessels from berthing
- Labor, security, staff (i.e. stevedores)
Alternatives

- Under current administrative rules & under DOT-Harbors’ mission, commercial activity cannot be excluded, but can be limited by rules.

- Moving forward:
  - Improve the pier under commercial jurisdiction, allowing for commercial use as appropriate
  - Demolish
Boat Ramp and Wharf Improvements

• Boat ramp concrete slab replacement;

• New aluminum cantilevered loading dock;

• Demolition of the first two (2) sections of the Hāna Wharf;

• Installation of boulder revetment (wave buffer).

Phase II Project Status:

• Bids opened on June 12, 2014;
• Project awarded on July 25, 2014 to American Marine Corporation;
• Negotiated contract amount: $1,203,900;
• Contract signed by Chairperson on October 22, 2014.
### Tentative EA Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Timeframe</th>
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<tbody>
<tr>
<td>Community Meeting #1</td>
<td>Summer 2013</td>
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<tr>
<td>EA Early Consultation/Scoping</td>
<td>Summer 2013 - 2014</td>
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<tr>
<td>Community Meeting #2</td>
<td>Fall 2014</td>
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<tr>
<td>Draft EA Preparation</td>
<td>Early 2015</td>
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<tr>
<td>Draft EA Public Review</td>
<td>Mid 2015</td>
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<tr>
<td>Community Meeting #3</td>
<td>Mid 2015</td>
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<tr>
<td>Final EA Publication</td>
<td>Late 2015</td>
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Contacts

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Project Scope

- EA Purpose, Process, Scope
- Alternatives to evaluate
- Primary environmental issues
  - Marine resources
  - Culture/Recreation
  - Historic
- Technical Studies
- USACE Permit
Conceptual Pier Repair Sections

NEW CONCRETE PILE CAP, PRECAST DECK PLANKS, TOPPING SLAB
Questions?
Hana (HNM) Airport

Maui, Hawaii

Part 139 Improvements
New HNM ARFF Station
RUNWAY 26

Existing Condition “Before”

Relocated Threshold

Extended RSA

Perimeter Fencing

Post Construction “After”
RUNWAY 8

Relocated Threshold

Extended RSA

Perimeter Fencing
Questions?
HIGHWAYS DIVISION

Aloha
Hana Highway Emergency Slope Stabilization
Milepost 10.4, 14 and 16

**SCOPE**
Install anchored wired mesh system on eroded mauka and makai slopes.

**COST**
$8.2M

**SCHEDULE**
Completed: March 2014
Hana Highway Improvements
Uakea Road to Keawa Place

**SCOPE**
Accommodate two way traffic; provide pedestrian path to address safety concerns for pedestrians along Hana Highway from Paaini Mai Park

**COST:** $1.5 M

**SCHEDULE**
Completed: September 2014
Hana Highway Resurfacing
Vicinity of Waikani Bridge to Kapaula Bridge

**SCOPE**
Resurface existing road, new pavement markings & signing, guardrails, gutter, repair cracks & spalls on bridges, clean existing drainage culverts.

**COST:** $2.5M

**SCHEDULE**
Construction Start: July 2014
Anticipated Completion: End of November 2014
Hana Highway Resurfacing
Vicinity of Honomanu Bridge to Waikani Bridge

**SCOPE**
Resurface existing road, new pavement markings & signing, guardrails & grated drain inlets, repair cracks & spall on bridges, clean existing drainage culverts.

**COST:** $2.8M

**SCHEDULE**
Construction start: August 2014
Anticipated Completion: February 2015
Kahului Airport Access Road
Vicinity of Puunene Avenue to Hana Highway

**SCOPE**
Construct portion of new access road to Kahului Airport from vicinity of Puunene Ave to Hana Hwy.

**COST:** $21.8M

**SCHEDULE**
Anticipated Completion: March 2015
SCOPE: Reconstruct road sections, slope stabilization, upgrade drainage structures and guardrails.

EST. TOTAL COST: $7M

SCHEDULE: Phase 2A bids being evaluated.
All future areas being programmed in 2016 and 2017.
Hana Highway Resurfacing
Haleakala Hwy. to Paia; Paia to Hookipa Park

**SCOPE**
Cold planing, resurface existing pavement, pavement markings & signage, reconstruct weakened pavement areas

**EST. COST:** $6-7M

**EST. SCHEDULE**
Advertise: Feb 2015
Hana Highway
Historic Bridge Preservation Plan

SCOPE
Develop a historic bridge preservation plan for Hana Highway Bridges, including a prioritized implementation plan based on needs and feasibility.

EST. COST: $1.5M

SCHEDULE
Final Report
Estimated Sept. 2015
Hana Highway Resurfacing Milepost 0 to 4.15

**SCOPE**
Cold planing, resurface existing pavement, pavement markings & signage, reconstruct weakened pavement areas

**EST. COST:** $ 4M

**EST. SCHEDULE**
Planned for FY 2016
SCOPE
Address rock fall and landslide hazards between
• MP 12.06 to MP 12.12
• MP 12.49 to MP 12.57
• MP 12.59 to MP 12.69

EST. COST
$ 4M

SCHEDULE
Construction funding in 2016
Questions?
Mahalo for coming

This presentation is available at hidot.hawaii.gov/presentations