

Honoapiilani Highway Improvements

West Maui, Ukumehame to
Launiupoko

Ed Sniffen

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Honoapiilani Highway Improvements



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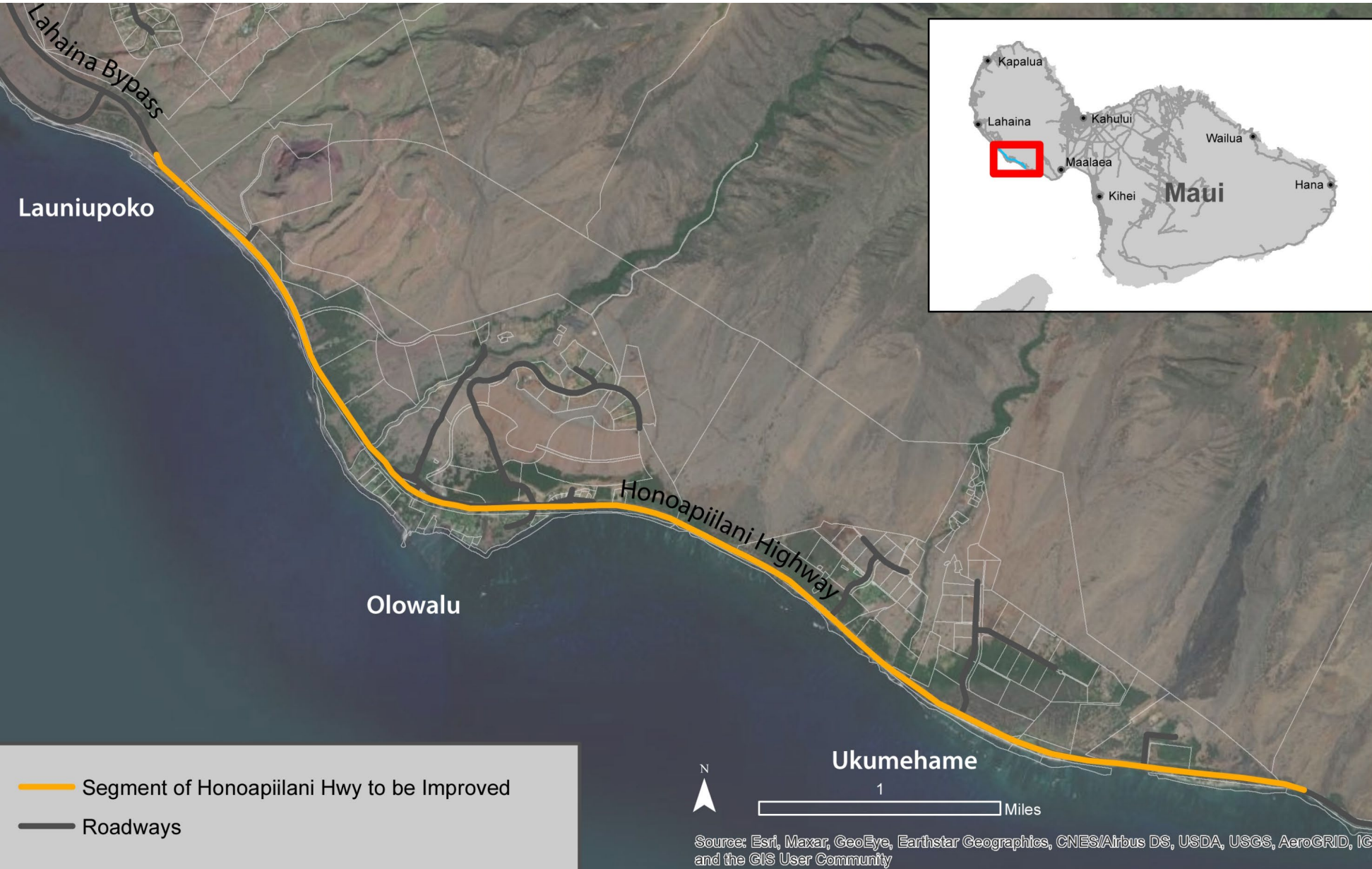
Meeting Technical Support,
WSP



Presentation Agenda

- Project Overview
- Planning Process
- Scoping – where we are
- Purpose and Need (NEPA)
- **Question and Answer Session**





Honoapiilani Highway

From Papalua Beach Park to Launiupoko, the Highway is located close to mean sea level and susceptible to coastal erosion and flooding.

This project will look at service reliability, resiliency, and safety for roughly 6 miles from Ukumehame to the Lahaina Bypass.

Current Hazards



Sea Level Rise and Storm Surge



Current Hazards Continued: Flooding and Erosion



Honoapiilani Highway
Improvements

Past Efforts

Emergency Repairs:

- Over the past 10 years, this stretch of highway has been repaired three times after storm and high wave events damaged the highway.
- A fourth project is currently in development to address erosion (On-going design efforts to shift the Highway inland MP 12.97 to MP 14 - near Olowalu)

Planning:

- In 2007 a Notice of Intent (NOI) to prepare an EIS was published. This looked at 11 miles for capacity and congestion. Meetings on purpose and need were conducted, however, an EIS was never completed.
- Current project area will focus on the most critical 6 miles for coastal hazards.



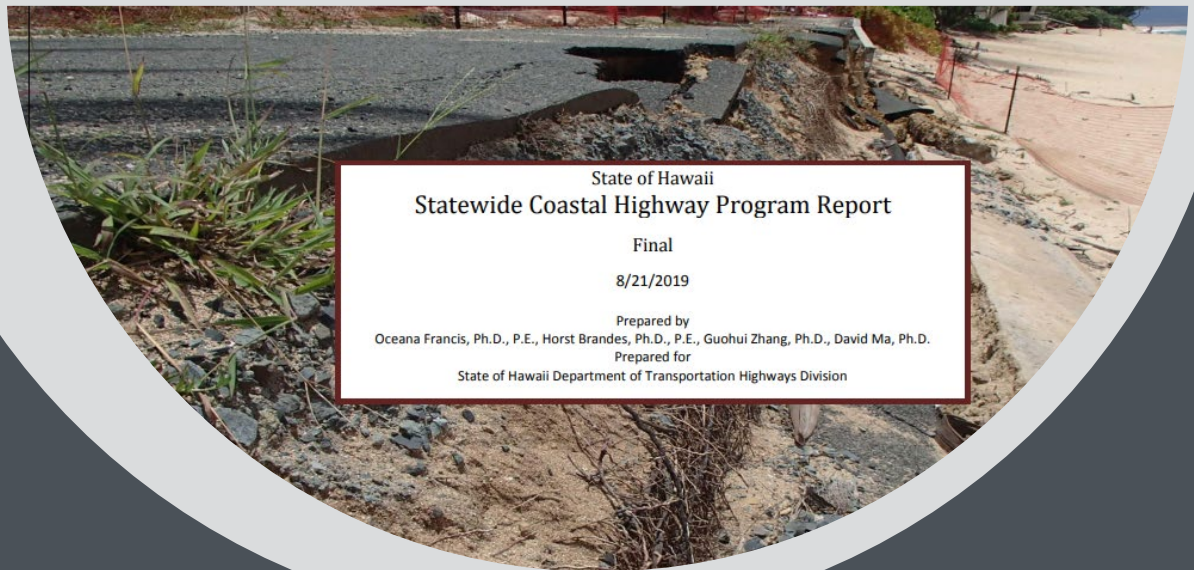
Climate Hazards

HDOT Vulnerability Assessment Findings:

2019 Statewide Coastal Highway Program Report ranks Honoapiilani Highway at Olowalu (#2) and Ukumehame (#12) as most critical out of 300 sites for ocean hazard vulnerability.

2021 Climate Adaptation Action Plan Exposure Assessments

- *3.2-foot Sea Level Rise Exposure from Ukumehame to Launiupoko (with the exception of the stretch at Olowalu).*
- *Vulnerability to hurricane-related storm surge was identified for areas from Ukumehame to Olowalu.*
- *Hypothetical tsunami scenario identified the Highway as inundated from Ukumehame to Launiupoko.*
- *Moderate Rockfall and Landslide Susceptibility at Launiupoko.*



Maui County Land Use Plans

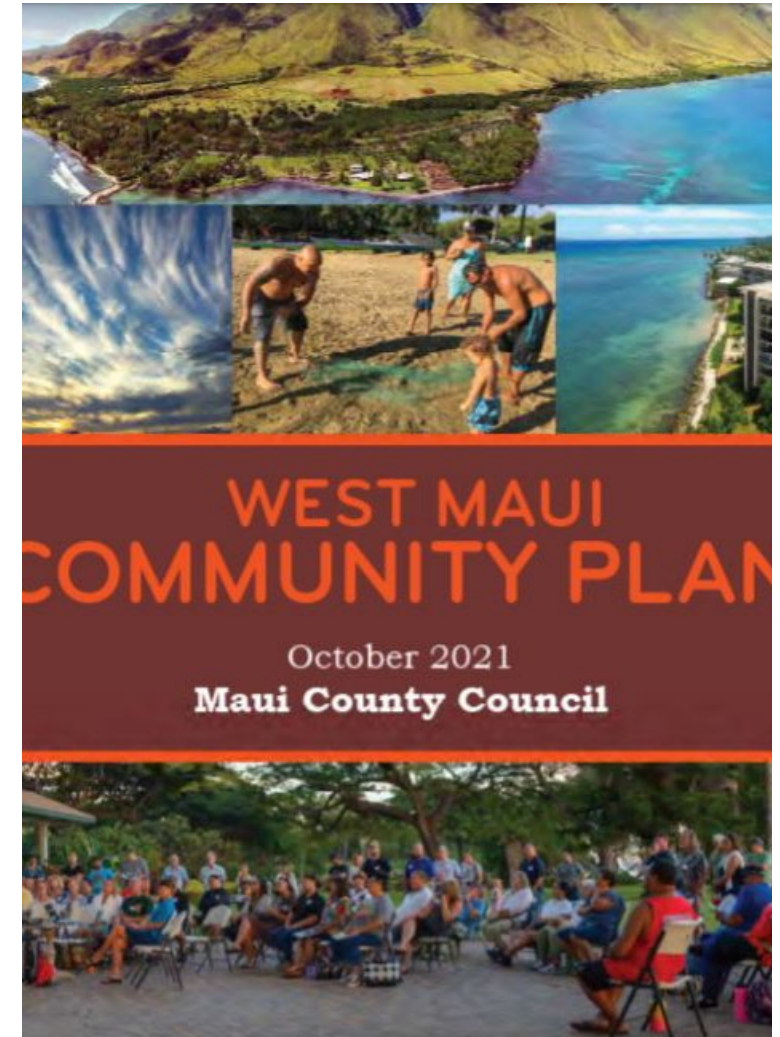
- West Maui Community Plan (2021) seeks to “Improve resilience of the transportation system to climate change-related hazards such as sea level rise, flooding, and wildfires”.
- Pali to Puamana Parkway Master Plan (2005) recommends realignment of Honoapiilani Highway from Papalaua Park to Puamana Park to accommodate open space and protect the shoreline environment.

Pali To Puamana Parkway MASTER PLAN

Island of Mau'i, Hawai'i



Prepared for:
**Planning Department
County of Mau'i**



we are
WEST MAUI | COUNTY OF MAUI
PLANNING FOR THE FUTURE | DEPARTMENT OF PLANNING
EXHIBIT "1"



**Honoapiilani Highway
Improvements**

Transportation Plans



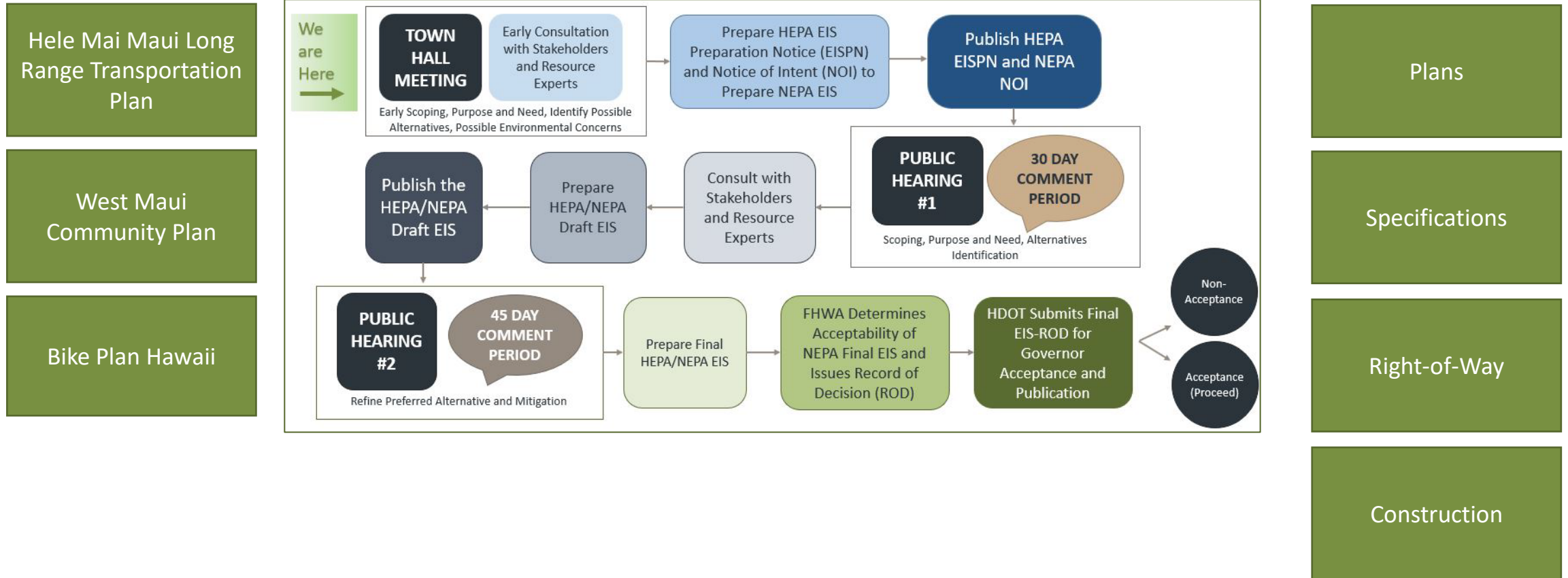
- Hele Mai Maui Long Range Transportation Plan 2040 spotlights realigning Honoapiilani Highway. It reinforces the Pali to Puamana Parkway Master Plan vision of “*safe recreational access to a living shoreline where beaches can migrate inland with sea level rise*”.
- Maui Transportation Improvement Program for FY 2022-2025 includes improvements to Honoapiilani Highway Vicinity of Mopua, and Vicinity of Ukumehame and Puamana Beach as part of the shoreline protection and mitigation program (MS12).

Project Delivery Process

Advanced Plan
5 - 15 Years

Planning & Environmental Review & Preliminary Design
2 - 3 Years

Final Design & Construction
4 - 6 Years





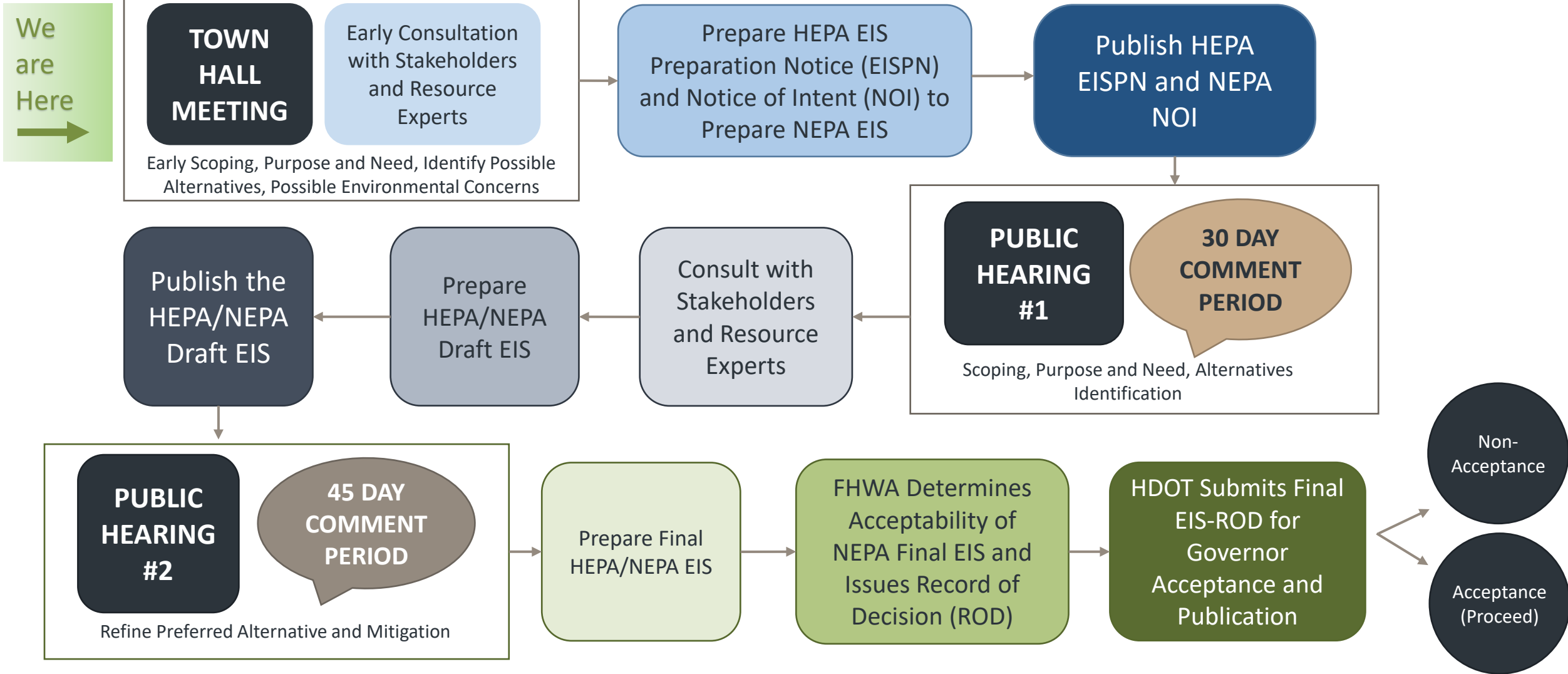
Why This Project and Why Now?

Honoapiilani Highway requires a longterm solution to address coastal erosion and ocean hazards that threaten to disrupt Highway services. HDOT has secured a federal grant that provides \$22 Million in project costs.



Honoapiilani Highway
Improvements

Planning Process



What is “Early Scoping”?

Gathering of information that will help HDOT and FHWA with project decisions.

Examples of Early Scoping Information:

- Identifies Potential Community Partners
- Discusses Transportation Issues or Needs
- Describes Environmental and Cultural Resources
- Identifies Relevant Goals of Land Use and Future Plans
- Recommendations on Project Procedures



Photograph By B. Anthony Stewart, Source: national geographic.org, Image of Cast-Net Fishing

What is a “Purpose and Need”?

- Purpose and need of a project is developed early in the planning process.
- Identifies the transportation purposes and needs that are at issue.
- Identifies what the project stakeholders want the project to do once it is complete.
- Designed to identify the purpose and need that FHWA/ HDOT is responding to in proposing alternatives, including the proposed action.
- Determines whether an alternative should be developed for further analysis.



Purpose and Need

- Project Currently Targets:
 - Improve Roadway Reliability
 - Address Existing and Future Vulnerability to Ocean Hazards
 - Provide Consistent Roadway System Connections
 - Improve Public Safety
- Other Transportation Needs to Be Addressed?



Next Steps

- Analyze Scoping Input
- Develop and Finalize Project Objectives (purpose and need)
- Alternatives Development
 - A “No Build” alternative will be included in the EIS as a baseline reference.
- EIS Preparation Notice (State) and NEPA Notice of Intent to Prepare EIS (Federal)
- Draft EIS
- Final EIS/NEPA Record of Decision
- Future meeting dates to Coincide with release of the EIS Preparation Notice and Draft EIS



We Want Your Ideas and Feedback

- Are there other Transportation-related Issues that the Project's Purpose and Need Should Address?
- Are there Potential Community Partners that HDOT and FHWA should engage?
- Relevant Goals of Land Use and Future Plans that the Project Must Consider?
- Input on Procedures the Project Should Follow
- Environmental and Cultural Resource Information
- Possible Alternatives that Address an Identified Project Purpose and Need



How to Submit a Comment

- Provide Comments at this Meeting
- Comment form on the project website:
www.honoapiilanihwyimprovements.com
- By Mail:
869 Punchbowl Street, 3rd Floor
Honolulu, Hawaii 96813-5907

Opportunities for stakeholder and public input will be provided throughout the project development process.

Early Scoping Comment Deadline: March 8, 2022



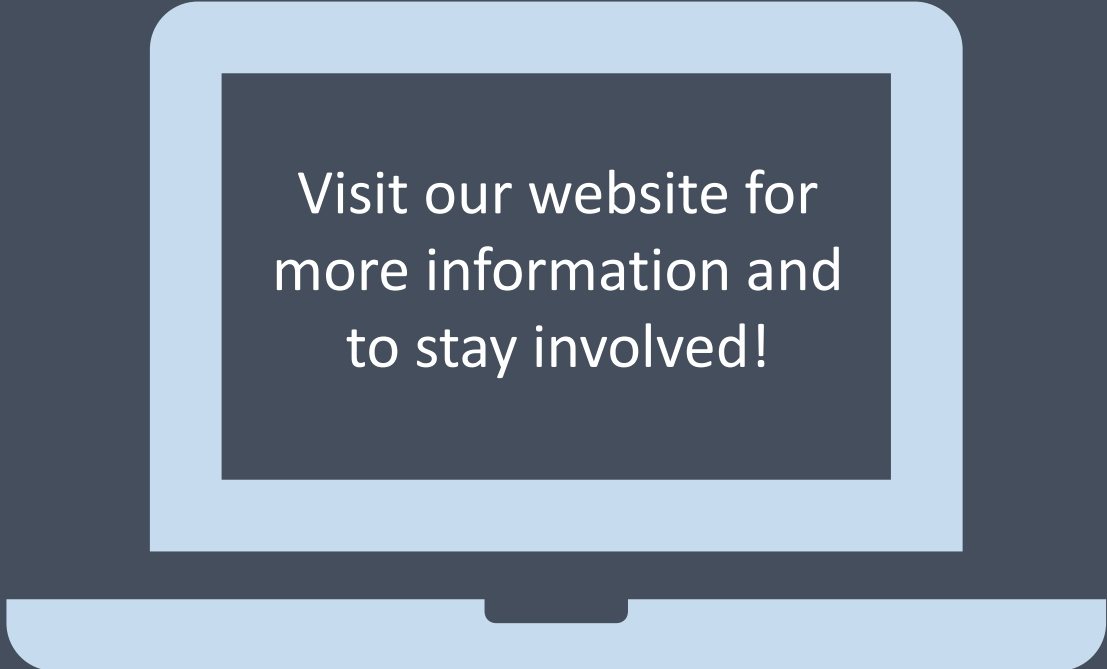
This is a pre-NEPA meeting.

Your comments will be used to set the stage for the NEPA and HEPA process that will follow.



Q&A Session: How to Participate

- Raise your virtual hand
- Type a question in the Q&A box
- For telephone callers, if selected, the last 4 digits of your phone number will be called upon
- Questions will be selected at random, and we will do our best to reach everyone



Visit our website for
more information and
to stay involved!

www.honoapiilanihwyimprovement.com