



## FARRINGTON HIGHWAY CORRIDOR STUDY

### WAI'ANAE 'ĀINA MEETING ROUND #1: TRANSPORTATION ISSUES & BEHAVIORS

*Time:* 6:00pm – 8:00pm

*Date:* Thursday, February 20, 2020

*Location:* S&L Building (85-888 Farrington Highway)

#### Event Description

This 'Āina meeting was the first of three rounds of meetings to be held in Wai'anae for the Hawai'i State Department of Transportation (HDOT) Farrington Highway Corridor Study. For HDOT, the purpose of the meeting was to introduce the project to the Wai'anae community, gather input on critical transportation issues, and learn how people get around in their community. The input provided will go towards the development of recommendations for Farrington Highway that meets the needs of Westside communities into the future.

The project team shared a presentation of what has been done so far for the project, facilitated a group discussion, conducted a question and answer session, and provided information on how the community can continue to participate and provide input for the project. Attendees received copies of the agenda, as well as copies of the presentation, project fact sheet, and comment sheets. A copy of the meeting presentation is appended to this meeting summary.

#### Agenda

- Welcome & Introductions
- Slideshow Presentation
- Q&A Session and Group Discussion
- Report back, Next Steps, and Wrap-up.



**Project Team Attendees:**

HDOT: Ken Tatsuguchi, Marshall Ando, Patrick Tom, Pua Aiu, Shelly Kuneshige  
SSFM: Jared Chang, Melissa May, Susan LeBrun, Matthew Fernandez, Carlos Kelton

**Stakeholder Attendees**

Attendees at the meeting included State and City Agencies, community representatives, neighborhood board members, and community residents.

**Name**

**State Representatives & Agencies**

- 1. Cedric Gates, House of Representatives
- 2. Maile Shimabukuro, Senate
- 3. Shaena HooHui, Rep. Cedric Gates Office
- 4. Joseph Simpliam, DLNR
- 5. Kiana Otsuka, OMPO

**City & County of Honolulu**

- 1. Matthew Gonser, CCSR
- 2. Noelle Cole, DPP

**Neighborhood Board Members**

- 1. Tim Riley, Wai‘anae NB Transportation Committee Chair

**Community Members**

- 1. Annette Ferris
- 2. Berny Luning
- 3. Carmen Simpliciano
- 4. Dan Carpenter

- 5. Daniel Kamada
- 6. Donald F. Ford
- 7. Ed Burke, AARP
- 8. Edmond Arquero
- 9. Edward Pena
- 10. Gary Shinsato
- 11. Jalem Correia
- 12. James Brito
- 13. James Cowles
- 14. James K. Manaky Sr.
- 15. James Pakele
- 16. Jim Hayes
- 17. Jo Jordan
- 18. Katherine Kamada
- 19. Lyman Coronil
- 20. May L. Holokai
- 21. Patricia Bains-Jordan
- 22. Randy Pisami, Neighborhood Watch
- 23. Robin Hermance
- 24. Shelly Lowry
- 25. Syamane Carpenter

## Notes from Group Discussion and Q&A Session

Following the presentation, attendees were given the opportunity to provide input during the group discussion and question and answer (Q&A) session regarding the various issues and opportunities the community encounters as they move along the Wai‘anae Coast. Attendees were also given comment sheets to provide written comments. The input from the group discussion and comment sheets were recorded and are documented below.

### Group Discussion and Q&A Session

- Address deaths occurring along this coast. This needs to stop.
  - **A:** HDOT is interested in solutions that they can implement now to improve safety.
- Open emergency access road to allow people to travel through.
- Contraflow is messing people up – they can’t turn left.
- Emergency Access Road is useless because of the “choke point” located at Nānākuli Ave. & Farrington Hwy.
- Mā‘ili has traffic too – not just Nānākuli.
- Overdevelopment is the problem creating the traffic here.
- At night, need safer roads for pedestrians. Need blinking lights at crosswalks.
- **Q:** Does the assessment take into account future growth? Development in Mākaha, etc.?
  - **A:** Yes, we are using 2040 forecasts that take into account projections included in the Wai‘anae Sustainable Communities Plan.
- **Q:** Has anyone studied an offshore second access route?
- **Q:** Kapolei is getting improvements – why do they get it instead of Wai‘anae? They are a new community.
  - **A:** DOT has spent a lot of \$ on the Wai‘anae coast. Different funding sources for some projects over others. We don’t favor some communities over others.
- If there’s a tsunami, Kahe Point to Mā‘ili needs help – there needs to be a long-term solution.
- We don’t inherit the Earth; we borrow it from our children.
- I am a truck driver, the biggest issue for me is crosswalks. Better lighted signals for crosswalks is needed to decrease pedestrian accidents.
- The biggest concern is emergency access (+1 agree).
- Envision a tunnel/road from Nānākuli to Makakilo.
- If you build a 2<sup>nd</sup> road, you increase development.
- **Q:** How many cars traveling from Kapolei to Wai‘anae? The value of time spent in traffic. We should consider toll roads.
  - **A:** 50,000 cars
- What needs improvements are major drainage issues from Mā‘ili to Nānākuli, near the 7-Eleven, and at Kaukama Road and Hakimo Road.



- Evacuation route in Mā'ili.
  - Need more *makai* to *mauka* routes in this area.
  - SeaCountry connecting road to St. Johns.
  - Not going to the elementary school (too low elevation), need to get to Pa'akea St. (between Kaukama Rd. and Pa'akea St.).
- Traffic overpass recommended.
- I count 25 traffic lights not synchronized on my route along Farrington Highway.
  - **A:** DOT is testing cellular optimization technology on Nimitz Highway due to heavy truck freights there. Right now, fiber technology is being used from Nānākuli to Haleakalā.
- My 1<sup>st</sup> concern is our proximity to the ocean. High surf occurring at Mākaha Valley Rd. and near Lualualei Naval Rd. My 2<sup>nd</sup> concern is drainage issues from Helelua St. to Haleakalā Ave.
- Drainage issues: water pools at Princess Kahanu Avenue.
- Bus pull-outs are needed.
- Deceleration lanes are needed. For example, there are backups from the McDonald's drive-thru onto Farrington Highway.
- Turning lanes are important which can be mixed-use for both town-bound or westbound traffic.
- Lighting at night in certain areas is needed.
- Emergency access routes needed.
- **Q:** Is there another phase for the implementation of raised crosswalks in the area? Are any more going in?
  - **A:** Not at this time.
- Cars would pull into Ala Wālua Street in order to go around the raised crosswalk here on Farrington Highway.
- I like to bike on the sidewalks from my home near Poka'i Bay to the library because I don't feel safe in the bike lanes.
- No drainage on Kulaaupuni Street fronting Mā'ili Elementary School.
- Don't use Pa'akea as a route through the mountains.
- The Hawaii Freeway Service Patrol (FSP) service needs to be extended to reach Farrington Highway.
- An Express Bus is needed from Wai'anae to bring people to the 1<sup>st</sup> rail station in Kapolei.
- Is it possible to add sidewalks on Pa'akea Road to Hakimo Road?
- Sidewalks need to be upgraded near Coral Sands.
- The crosswalks were removed along Farrington Hwy (people use to cross there historically). Pedestrian visibility in crosswalks an issue.
- Look at the maintenance of Maipalaloa Bridge, how long will that take?
- My idea in the short-term is to implement raised crosswalks because it is safer. There were raised asphalt crosswalks from Mā'ili to Nānākuli, but it was removed past Mā'ili Point near the 76 gas station, it is dangerous.
- Access Road + crosswalks + stoplights (+1 agree)
- This is the worst highway for pedestrians, it is too dark.
- We need to increase job opportunities here and opportunities for micromobility.



- Raised crosswalks needed for crosswalks near the Mākaha Surfside. Also, need to use more jersey barriers.
- The current emergency access has no access key when it is needed. Why can't we just leave it open?
- What they do in harbors – stagger water breaks?
- I've been hearing the same solutions for over 40+ years – get creative with an offshore route right thru Pookele Street to Kahe. Keep Farrington Hwy, but add an offshore route.
- Each subdivision should have shopping areas to alleviate traffic.
- *Kupuna* bus stop (moved) and sidewalks (to connect) at Nanikeola St.
- Drainage issues & flooding, water comes over barrier.
- No left turn yield signs. *Makai* to *mauka* at Mā'ili Road.
- In her subdivision, people park cars on sidewalks.
- Some sidewalks were removed on Farrington Hwy for safety. 200 yards or farther.
- Bring back crosswalks.
- Parked cars obstruct visibility.
- Extend the 5<sup>th</sup> lane to Wai'anae Mall.
- Population increase & climate change – more jobs and plan for emergencies.
- Add light rail on existing rail tracks along Farrington Hwy.
- When will Jade Street crosswalk be improved? There is a blind exit and visibility problems.
- We have to evacuate to higher ground.
- I wouldn't mind seeing rail extended to the west side to decrease traffic and add multimodal.
- Center lanes and overpasses would clear up traffic.
- Eliminate some lights.
- Traffic – look at bus stop pull outs.
- Lighting is difficult for pedestrians.
- At crosswalks, try to slow cars down.
- Trucks and SUVs go over too fast, made easier for speeders.
- It is unsafe to bike.
- Safe routes to school.
- A public service program has to be created to get cars off the road after an accident in order to prevent traffic.
- Need to stop pollution and dumping, sidewalks will help.

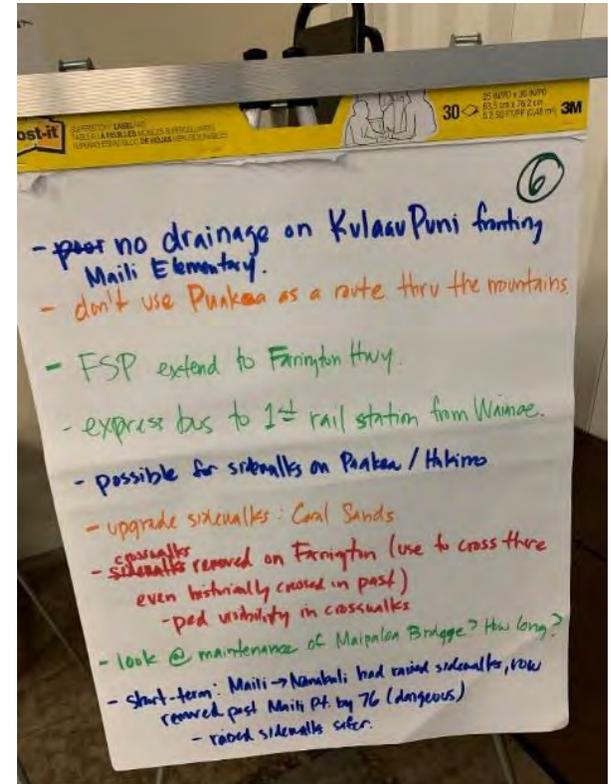


Photo of Notes Taken during the Group Discussion



## De-Brief

Near the end of the meeting, a project team member from SSFM summarized the main issues and ideas that were expressed, and asked for attendees' confirmation and agreement. The summary of key issues and ideas for safety, congestion, and resilience is below.

### Safety:

- **Issue: Road feels unsafe for pedestrians/cyclists especially at night, too many deaths and crashes due to speeding, lack of lighting, people parking on sidewalks**
- Improve lighting at night
- Need more sidewalks
- Improve bus access and shelters
- Make it safer to bike
- Make crosswalks safer - blinking lights, move stop line back
- More raised crosswalks - make them more effective

### Congestion:

- **Issue: We spend too much of our lives in traffic - our time is valuable, and development is still happening**
- Extend 5th lane
- Turn lanes
- Deceleration lanes
- Promote alternatives to driving - rail extension, micro mobility, express bus
- Bus pullouts
- Alternate routes or overpasses to separate commuter traffic
- Control development to alleviate traffic
- Need more economic opportunity and jobs out here

### Resilience:

- **Issue: The community is at risk of being cut off by disasters, the road's proximity to the ocean is a concern for flooding/SLR**
- Need to complete WCEAR, improve it and keep it open 24 hours
- Drainage issues and flooding at multiple locations - Mākaha, Princess Kahanu
- More *mauka/makai* access in Mā'ili
- Need permanent solution for alternate access



## Written Comments

Comment sheets were provided to attendees to garner additional concerns and suggestions regarding the Farrington Highway Corridor Study. Three questions listed on the comment sheets are documented below along with attendee input.

### 1. Use this space to provide additional input, support or concerns.

- We need to survey, in detail, commuters to find out when they commute, where to, and how. We want to reduce the commuting by 25%. Use algorithms to design better solutions for commuters.
- It should not take an hour to drive 11 miles from Kapolei. Traffic decisions should consider the hourly value of the time people spend waiting in traffic. Toll roads for funding.
- We need a new separate road. I have heard all this for 30 years with no improvement.
- There was discussion about the 5<sup>th</sup> lane for right/left turns. In Nānākuli, by the Hale Na’au Pono (old Nanakapono Elem). There was a barrier set up I believe to discourage left turns from Farrington Hwy (westbound), but people continuously destroyed those barriers.
- Constituents have asked to transition the *makai* lane of Farrington Hwy between Mākaha Surfside and the bridge into a parking lot. This would reduce the homeless problem at Lahilahi Beach & finally allow the public to access the beach again. Traffic in this part of Mākaha is light.
- DOT CRES D Report connections and other coastal resilience planning. Coordinated planning with public and private utilities – shared risks and vulnerabilities (e.g., HECO, BWS, ENV).
- Any thought of ROW preservation for future *mauka* road that could be developed if/when military bases are decommissioned?

### 2. Is there other information you would like to see at future meetings?

- Involve planning & permitting in community design to reduce the need to drive for basic needs and employment.
- The in-street traffic safety measures should be installed at the Ala Hema St. unsignalized crosswalks; either that or raise this crosswalk.
- Counts, speeds, and other graphics like some of the City Complete Streets meetings.
- Helpful graphic/color-coded map of state roads, city streets, private roads, and notes of people’s comments.
- How, if at all, will new traffic management center help the west side?
- What effects will sea level rise have in Nānākuli and Wai’anāe?

**FARRINGTON HIGHWAY CORRIDOR STUDY** 

**COMMENTS**  
ANA MEETINGS

The Hawaii State Department of Transportation (HDOT) is interested in your concerns and suggestions regarding the Farrington Highway Corridor Study project. Comments are welcome at any point during the process.

1. Use this space to provide additional input, support or concerns.

*Any thought of ROW preservation for those mauka road that could be developed if/when military bases are decommissioned?*

2. Is there other information you would like to see at future meetings?

*How, if at all, will new traffic management center help west side?*  
*What effects will sea level rise have in Nānākuli and Wai’anāe?*

3. How did you hear about this public meeting?

Advertisement  Website  Media Coverage  
 Mailing  Another person  Other \_\_\_\_\_

Stay informed of this project by visiting the project website: [www.dot.hawaii.gov/transportation/farringtonhighwaycorridorstudy/](http://www.dot.hawaii.gov/transportation/farringtonhighwaycorridorstudy/) or by email to Melissa May at [mmay@dot.hawaii.gov](mailto:mmay@dot.hawaii.gov)

Thank you for attending!

Photo of a Comment Sheet



### 3. How did you hear about this public meeting?

- Newspaper (+1)
- Media Coverage (+1)
- Advertisement
- Email
- Website (+1)
- OMPO Facebook
- Another Person

### Email Comments

**Email #1: Below are documented comments received by an HDOT project team member from an attendee who participated at the Wai‘anae ‘Āina meeting:**

1. Attendee’s uncle passed away two weeks earlier at the Maipalaoa Bridge project.
2. The 2<sup>nd</sup> route through Nānākuli is needed, it is beyond critical, it is beyond an emergency. Advocated this 2<sup>nd</sup> route for the past 10 years. The route would alleviate the congestion on Farrington Hwy and assist the residents of Nānākuli to get off Farrington Hwy sooner. Minimize accidents, too. Said to use existing roads, such as NAD?, WOA?. Said Andrea Tupola was the only one who could open up the road. Get NAD fixed.

Traffic is bad during school and peak hour periods. Traffic is bad until 6-7pm. She shared that behavior is a contributing factor to accidents, and the traffic congestion is a contributing factor to poor driver behavior. She acknowledged there are other behavior factors such as drugs and drunks that contribute to deaths. But, putting in the 2<sup>nd</sup> route would alleviate congestion and a lot of bad behavior, which would lower traffic accidents.

3. Maipalaoa Bridge construction’s bad traffic control methods and construction phasing led to her Uncle’s death. Someone else sped through the construction site which hit another car, which hit her Uncle. Believes too much work was being done in a confined area; the barriers were too close; should have done bridge work first, not same time as the pad (?). She worked in construction for 20 years.

Suggested to follow the construction methods and process of the bridge replacement done in Mākaha. The bridge is before Ohikololo St (?), get barriers there now; there is remnant road pavement; the bridge and road were realigned. Seems a detour road wasn’t necessary since the existing road was used during the construction of a new parallel bridge.



4. Candle sticks used for crossings along the shoulder do not work. Drivers will purposely drive through them to get through traffic or turn. Suggests something more solid be used. Attendee is also a teacher along the coast and has strong concerns about pedestrian students and kids. The candlesticks provide no protection to these pedestrians when vehicles go through them.
5. Raised crosswalks do work, and recommends further refinement. Attendee pointed out raised crosswalks near intersections are very dangerous to pedestrian kids waiting to use the crosswalk. Drivers will swerve into the side street to use the swale gap between the raised crosswalk and shoulder/curb. This brings the vehicle very close to the kids on the sidewalk/ shoulder waiting to cross. She has seen the kids almost getting hit and/or jumping out the way. Requests better design or better location of the raised sidewalks.
6. Attendee also shared her niece passed away when she was struck by a vehicle while crossing the street to the bus stop. This was several years ago. Her niece would catch the bus everyday to go to work.

**Email #2: Below is an idea received by an attendee who participated at the Wai‘anae ‘Āina meeting:**

1. Traffic Management Center: This center is exclusively for the Nānākuli to Mākaha corridor to:
  - Manage traffic lights
  - If there is a fatality or multiple car crash that spans many lanes, the emergency access roads can be automatically opened.



## Meeting Photos



# Farrington Highway Corridor Study

Project Area Map



‘Aina Meetings Round 1:

Wai‘anae 2/20/20, Nānākuli 2/24/20, 6-8 pm

SSFM  
International





# Introduction & Meeting Goals

# TEAM

## **Hawai'i Department of Transportation**

- Ed Sniffen (Deputy Director)
- Marshall Ando (Administrator)
- Ken Tatsuguchi (Head Planning Engineer)
- Patrick Tom (Planning Engineer)
- Jill Tanabe (Planning Engineer)
- Pua Aiu (Planning Specialist)
- Shelly Kunishige (Public Affairs)

## **Consultant Team (SSFM)**

- Sue LeBrun (Traffic Engineer)
- Melissa May (Planner)
- Jared Chang (Planner)
- Carlos Kelton (Planner)
- Matt Fernandez (Planner)
- Puanani Burgess (Community Engagement Specialist)
- Lelemia Irvine, Pat Uchigakiuchi, Pua Ena Burgess (KMAPP)

# AGENDA

- **Welcome & Team Introductions**
- **Discussion Kuleana & Meeting Goals**
- **Presentation**
  - Project Overview, Goals, Planning Process and Timeline
  - Community Engagement and Opportunities for Input
  - Issues and Opportunities Identified to Date for Safety, Congestion, Resilience
- **Breakout sessions:**
  - Wai‘anae Coast yesterday, today, tomorrow
  - How you get around Farrington Highway
  - Issues and opportunities for Farrington Highway
- **De-Brief**
- **Closing**

# DISCUSSION KULEANA

**You are personally responsible for working toward future solutions/aspirations by:**

- > actively listening and keeping an open mind**
- > making sure everyone has an opportunity to express their ideas**
- > being creative and prepared to hear and try new things**

**It's okay to disagree as long as we are respectful of each other**

# MEETING GOALS

- Start a process of collaborating with the community to develop solutions for Farrington Highway. Encouraging people to participate in all 3 rounds of meetings.
- Bring everyone here up to speed on the project and what's been done to date.
- Learn about how you see and use Farrington Highway in the past, present, and future.
- Hear about issues and opportunities you encounter while traveling around the area.

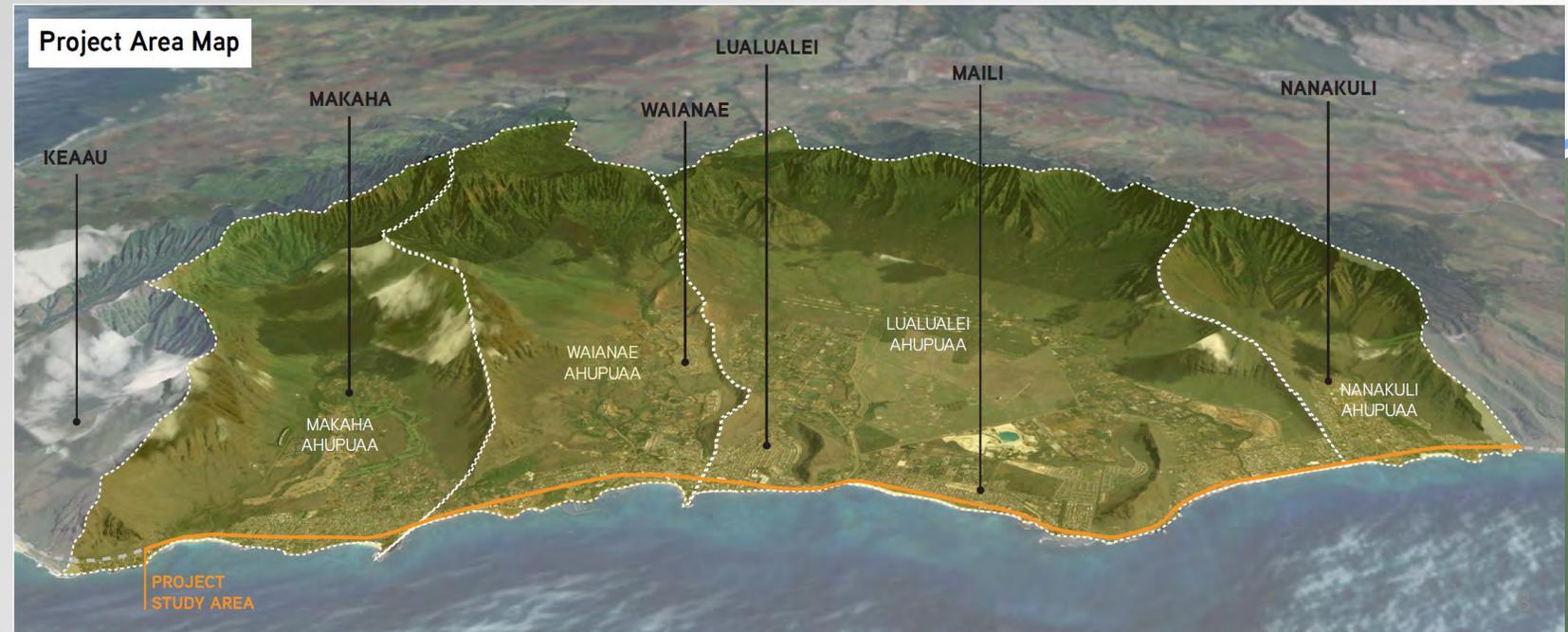


# Project Overview

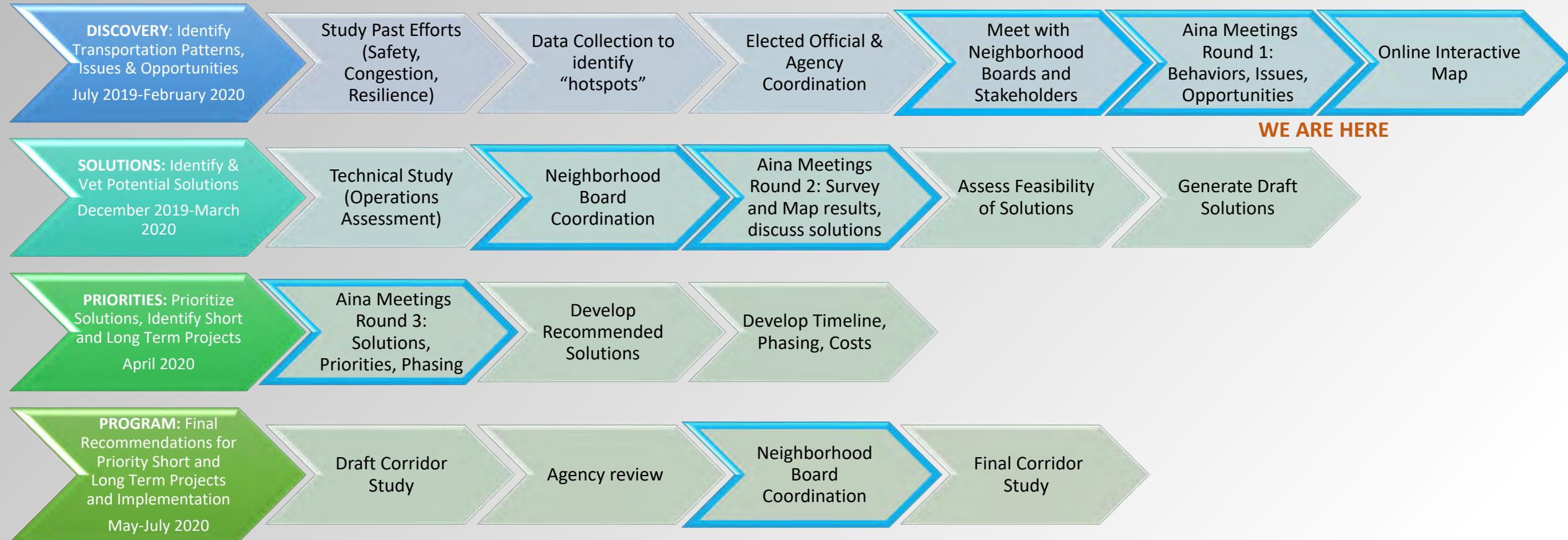
Melissa May, SSFM

# PROJECT OVERVIEW

- The Hawai'i Department of Transportation (HDOT) Highways Division is conducting a study to determine the long term vision and management for Farrington Highway Corridor (Route 93).
- The study will analyze and identify short (6 months - 2 years) and long (2 - 20 or more years) term multimodal solutions that address:
  - Safety
  - Congestion
  - Resilience



# PLANNING PROCESS



Opportunities for Community Input\*

\* Input may also be provided anytime during the process by e-mail or phone – see website for details!

# COMMUNITY ENGAGEMENT

- Agency & Elected Official Outreach
- Neighborhood Board Presentations & Transportation Committees
- Stakeholder Meetings
- Drive/Walk Audit (2/8)
- KMAPP School Coordination & Development
- Survey and Interactive Map Development



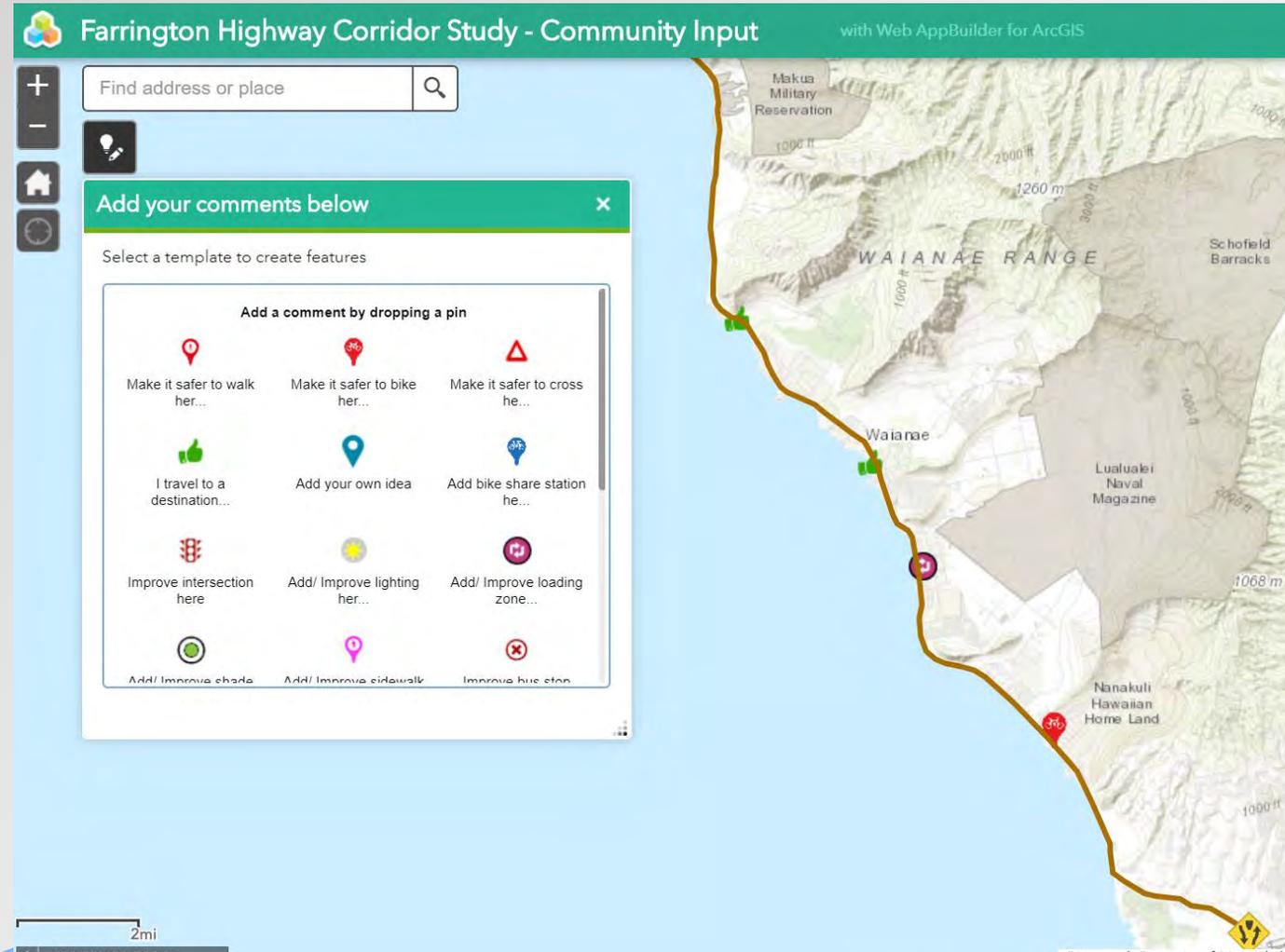
# KAHU MALAMA ĀLALOA PATHWAYS PROGRAM (KMAPP)

- A youth education program is being piloted in partnership with UH West O‘ahu, led by a team including Dr. Lelemia Irvine, Puanani Burgess, and Pua Ena Burgess.
- The program is designed to teach high school students from the Nānākuli and Wai‘anae Coast how to become a Kahu Mālama Kealaloa, or Steward of Pathways.



# OPPORTUNITIES FOR INPUT

- **Project Website: Information, Mailing List, Contact Info**
  - <http://hidot.hawaii.gov/highways/farringtoncorridorstudy/>
- **Online Interactive Map (posted on the project website)**
  - **Send us your input on where improvements are needed!**



# UPCOMING ACTIVITIES

- **‘Āina Meetings:**
  - **Round 1: Meet the team, identify transportation issues and opportunities; learn how people see and use Farrington Highway**
    - February 20th, Wai‘anae
    - February 24<sup>th</sup>, Nānākuli
  - **Round 2: Report results from survey and technical studies; identify preliminary solutions**
    - March 30<sup>th</sup>, Nānākuli
    - March 31<sup>st</sup>, Wai‘anae
  - **Round 3: Present draft recommendations, discuss priorities and phasing.**
    - April 22<sup>nd</sup>, Wai‘anae
    - April 28<sup>th</sup>, Nānākuli

ALL MEETINGS ARE 6-8 PM, S&L Building in Wai‘anae, Library in Nānākuli

**‘ĀINA MEETINGS**  
Farrington Highway Corridor Study

**ABOUT THE PROJECT:** The Hawai‘i Department of Transportation (HDOT) Highways Division is conducting a study to determine the long term vision and management for Farrington Highway Corridor. The study will analyze and identify short term (6 months - 2 years) and long term (2 - 20 or more years) solutions to address safety, traffic congestion, and resilience for Westside communities.

**WHERE YOU COME IN:** Your input is critical to develop recommendations for Farrington Highway that meet the needs of Westside communities into the future.

What are your ideas for Farrington Highway?  
How do you get around?  
How does the highway relate to the community?

**JOIN US FOR COMMUNITY ‘ĀINA MEETINGS**  
TO LEARN MORE ABOUT THE PROJECT & SHARE YOUR MANA‘O

**MEETING SCHEDULE**

**ROUND 1**  
Meeting to gather input on transportation issues and how people get around  
Wai‘anae - February 20th  
Nānākuli - February 24th

**ROUND 2**  
Meeting to report survey results and identify preliminary solutions  
Nānākuli - March 30th  
Wai‘anae - March 31st

**ROUND 3**  
Meeting to present draft recommendations & discuss priorities and phasing  
Wai‘anae - April 22nd  
Nānākuli - April 28th

**TIME:** 6-8pm (all meetings)

**LOCATION:**  
Wai‘anae Meetings  
S&L Building (85-888  
Farrington Hwy)

Nānākuli Meetings  
Nānākuli Public Library (89-070  
Farrington Hwy)

If you require special accommodations, please contact Melissa May at [mmay@ssfm.com](mailto:mmay@ssfm.com) or (808) 628-5861 at least five days prior to the meeting.

Visit the project website and join the mailing list at: <http://hidot.hawaii.gov/highways/farringtoncorridorstudy/>



Data, Issues & Opportunities:  
Safety, Congestion and Resilience  
Sue LeBrun, <sup>14</sup>SSFM

# TECHNICAL STUDIES TO DATE

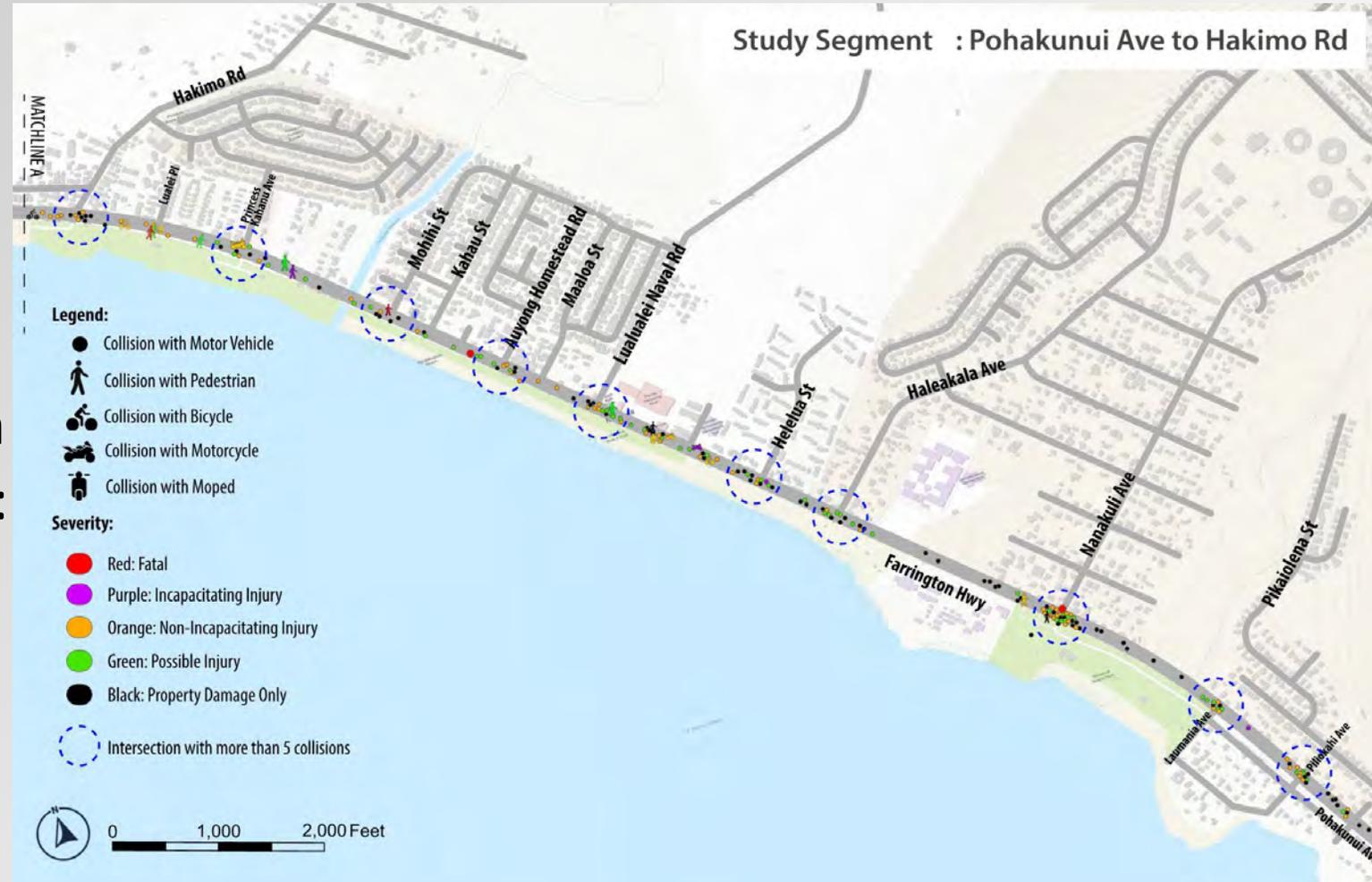
- Draft Operations Assessment:
  - Traffic forecasting
  - Traffic Counts
  - Crash Analysis for intersections and segments
  - Traffic modeling and analysis
  - Signal warrant analysis
  - Bike, pedestrian and transit assessment
  - Freight assessment
  - Access point inventory and recommendations
  - Contraflow evaluation
  - Transportation Demand Management (TDM)/trip reduction recommendations
- Second Access Report:
  - Review of Prior & Ongoing Efforts



# ISSUES AND OPPORTUNITIES: SAFETY

## RESEARCH & TECHNICAL STUDIES

- Crash Study with data from HDOT 2013-2016. 694 total crashes
- Notable crashes: 55% are rear end (35%), broadside, cross median, angle-opposite direction
- Overall % Severity, least to worst: no-injury/C/B/A/K  
35/36/24/3/2%
- 64 ped crashes, 5 no-injury, 48 Injury, 11 fatal (9 of those at night)



# ISSUES AND OPPORTUNITIES: SAFETY

## WHAT WE'VE HEARD FROM THE COMMUNITY:

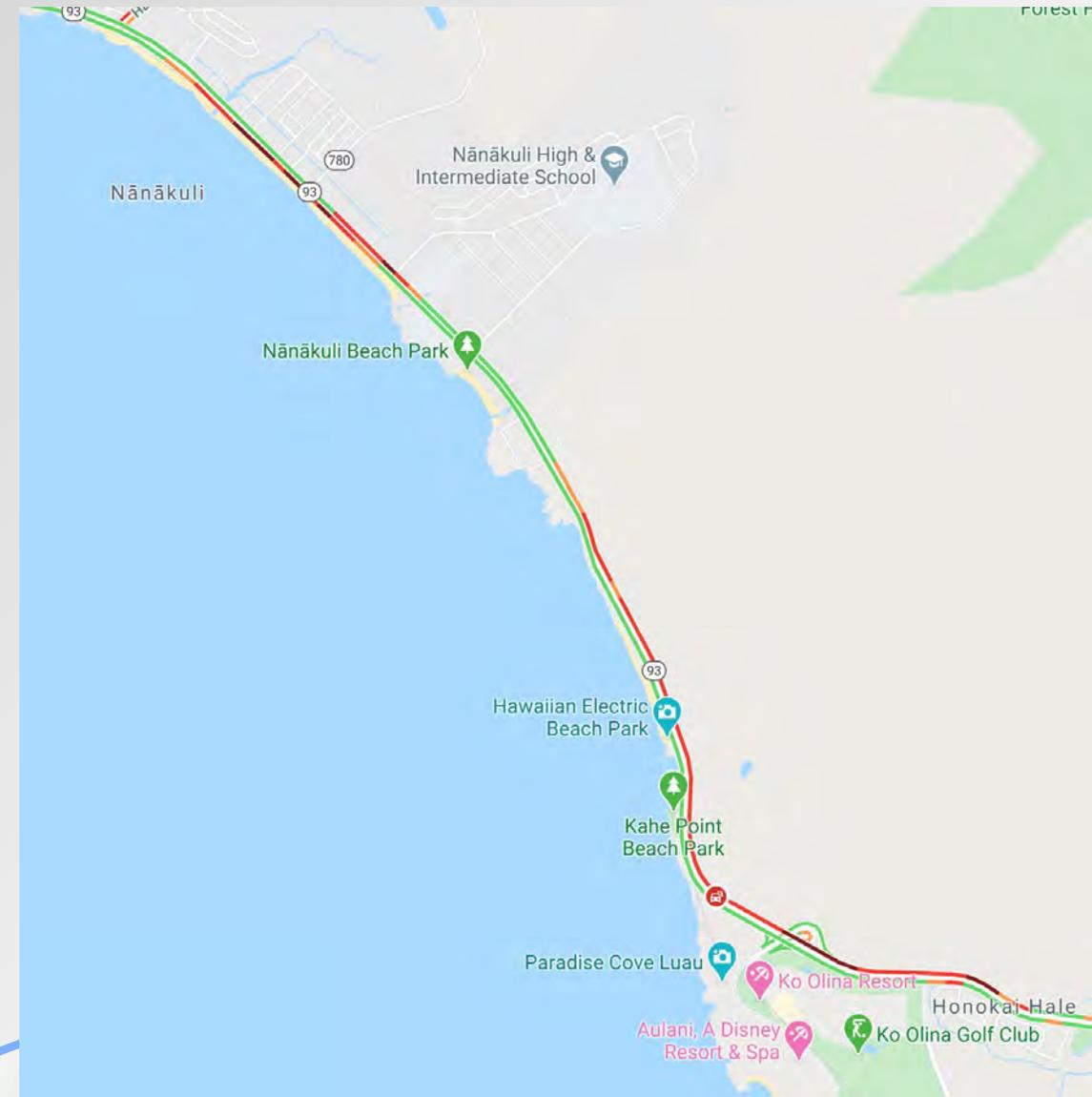
- Speeding is a big safety concern:
  - Add speed monitors in some areas to slow people down
  - Make lanes narrower
  - Islands/medians/bump-outs to calm traffic
  - More enforcement needed
- Support for more raised crosswalks (especially in Maili); need more signage/lights to warn drivers about them
- Need better lighting in some stretches and at crosswalks
- Add/improve sidewalks, especially around schools and bus stops
- Add/improve bike lanes – lots of people bike



# ISSUES AND OPPORTUNITIES: CONGESTION

## RESEARCH & TECHNICAL STUDIES

- Collected 6-12 hour turn movement counts at 37 intersections and 24-hour tube counts at 3 locations
- Modeling/analysis of existing and future conditions. Intersections expected to have the most delays in 2040 without improvements: Haleakala Avenue and Lualualei Naval Road
- Possible improvements: extension of 5<sup>th</sup> lane/contraflow, addition of turn lanes, computerized ITS traffic signal system



# ISSUES AND OPPORTUNITIES: CONGESTION

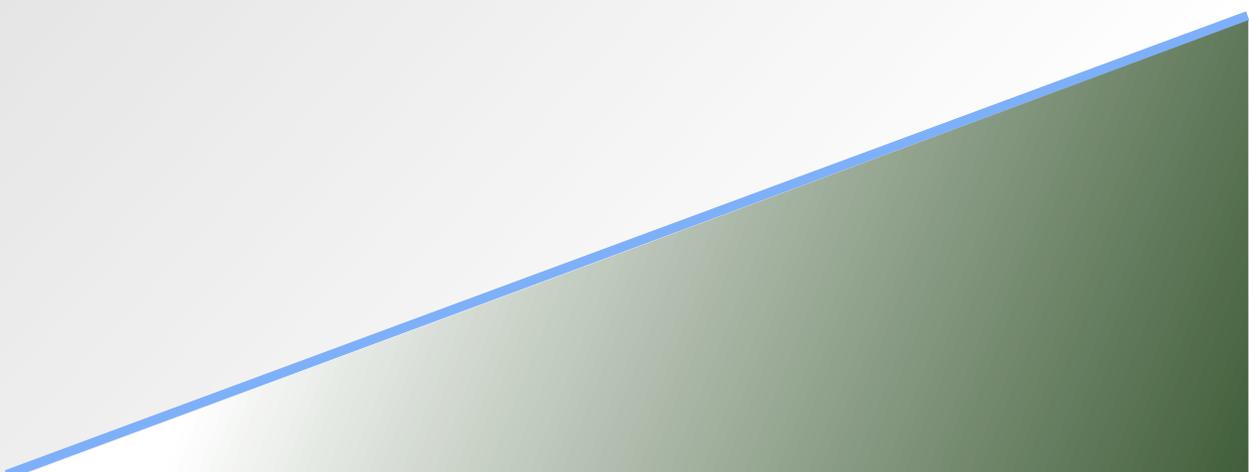
## WHAT WE'VE HEARD FROM THE COMMUNITY

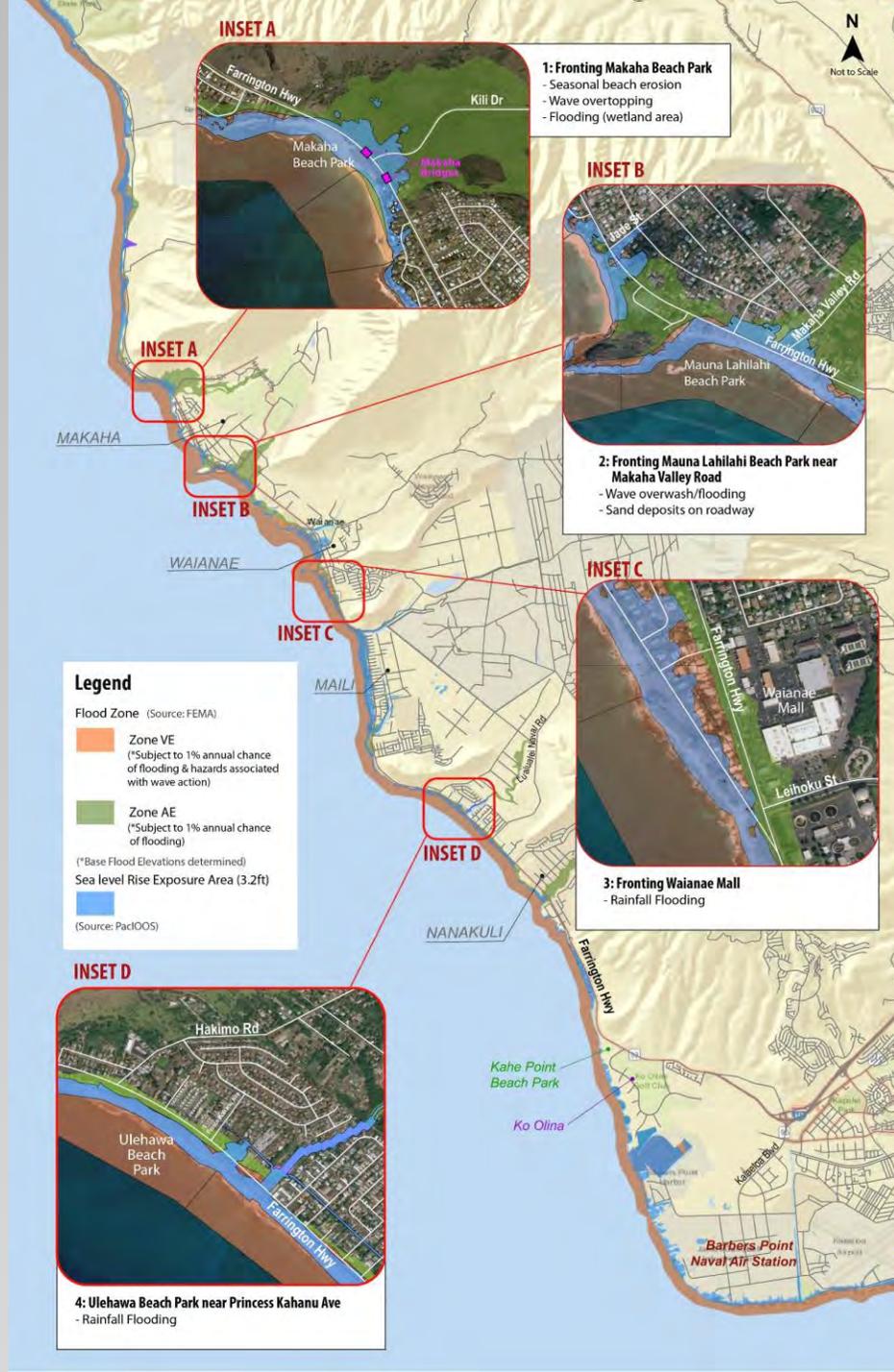
- Congestion is extremely heavy in AM and PM - especially PM
- People are always late, have to plan travel far ahead
- Nānākuli is biggest problem area
- Signal timing needs to be coordinated to help with congestion and letting cars turn off side streets
- Support for expanded contraflow/5<sup>th</sup> lane
- Add or expand center turn lanes where possible
- Bus pullouts help so they don't have to stop in the lane
- Need bypass to separate commuters from local traffic
- Difficulties turning onto Farrington from side streets (signal timing, pedestrians crossing, etc.)
- New development needs to consider and provide solutions for congestion.



# ISSUES AND OPPORTUNITIES: RESILIENCE

## RESEARCH & TECHNICAL STUDIES

- Review of planning studies for sea level rise and emergency evacuations
  - Review of second access studies done in the last ~60 years. None have been implemented due to factors including cost, opposition, land ownership, archaeology/historic concerns, environmental concerns
- 



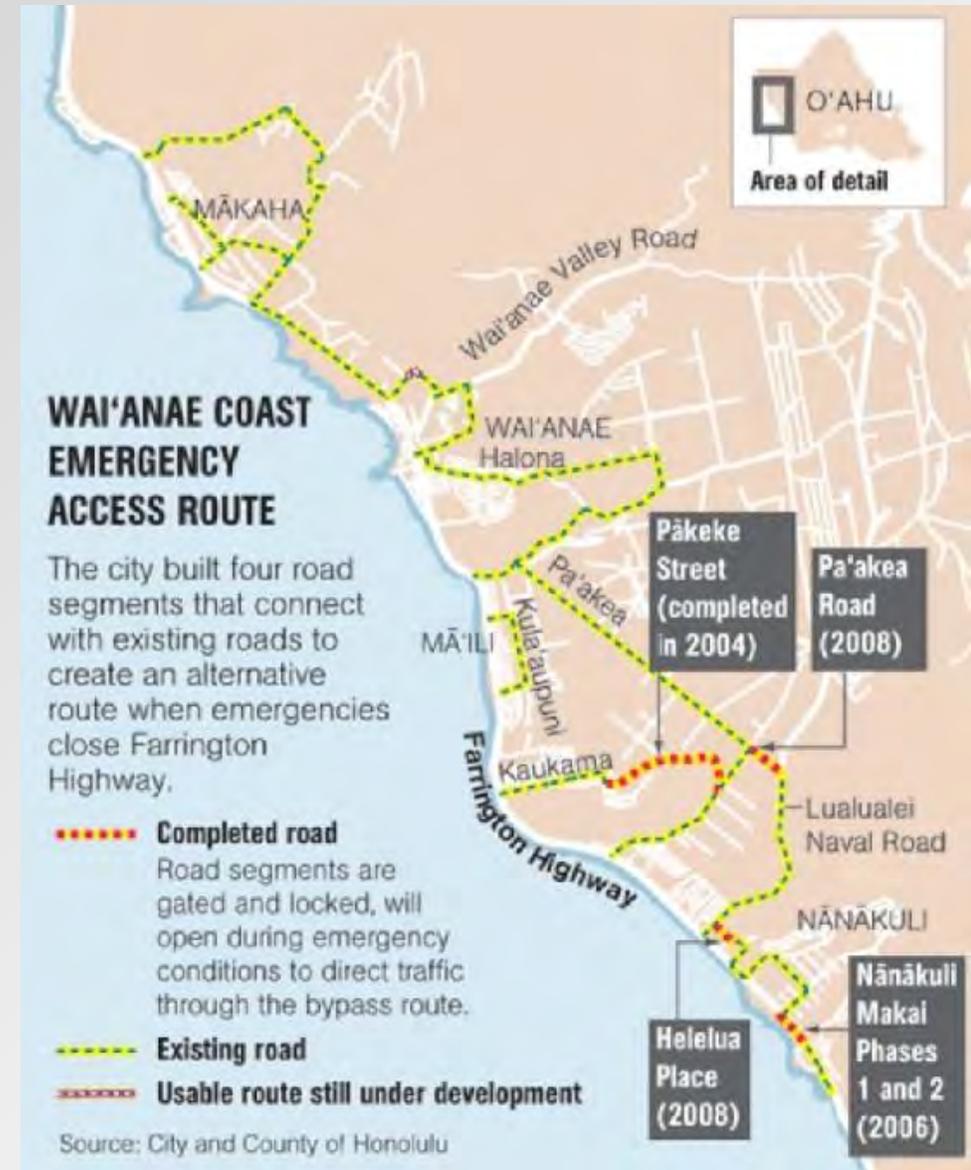
## AREAS VULNERABLE TO:

- Seasonal beach erosion
- Wave overtopping
- Flooding (wetland)
- Sand deposits on Farrington Highway
- Rainfall flooding

# ISSUES AND OPPORTUNITIES: RESILIENCE

## WHAT WE'VE HEARD FROM THE COMMUNITY

- Strong opinions around second access:
  - Pro: Provide emergency access, alleviate traffic congestion.
  - Con: Concern about impact of bypassed traffic on neighborhoods/school zones, encouraging more development.
- WCEAR has segments that don't connect, 24-hr access needed.
- Concern about sand/waves washing up on the highway.
- Flooding/drainage problems impede access and create safety issues.
- Need to understand what development is planned, and update the Wai'anāe Sustainable Communities Plan.





# Breakout Discussions

# WAI'ANAE COAST YESTERDAY, TODAY, TOMORROW

What are your memories of your community and the highway?

## Farrington Highway Yesterday, Today, and Tomorrow



Late 1800's-1900's

Farrington Highway was narrow and unpaved. During the plantation era, a railroad track ran along the Waianae Coast around Kaena Point, to Mokuleia and Waialua.



*Train in Nanakuli*

1970's

Farrington Highway was paved, increasing access and shortening commute times to Honolulu.

1982

A portion of the highway was closed due to a landslide caused by Hurricane Iwa, highlighting the need for emergency access.

2009

The Waianae Coast Emergency Access Road was completed. This road connects existing roads mauka of the highway to provide an alternate way in and out of Waianae.

Today

How has the highway and community changed over time?

What role does the highway play in your daily life?

The highway is the Westside's primary connection to Honolulu, and beyond. Kapolei has become a regional destination for the Westside, shortening many trips. Safety concerns for motorists, pedestrians and bicyclists exist on the highway due to high-speed car and truck traffic through



How can the highway best serve your community in the future?

Future

Rail will provide a new connection from the Westside into Honolulu and places between. Little new development is expected west of Kapolei, however traffic congestion will remain a concern. Providing convenient and reliable access to transit, walking, and biking will improve congestion and safety. Sea level rise and natural disasters will increase with climate change.



- What is the Wai'anae Coast to you?
  - Think about your memories, how you experience it today, and how you see it into the future.

# HOW DO YOU USE FARRINGTON HIGHWAY?

- Where do you go and how?

# WHAT ISSUES AND OPPORTUNITIES DO YOU SEE?

- What issues and/or opportunities do you encounter as you move around the area?

# DE-BRIEF

- Reporting Back
- Did we meet our meeting goals?

# MAHALO

Contact us with questions or comments:

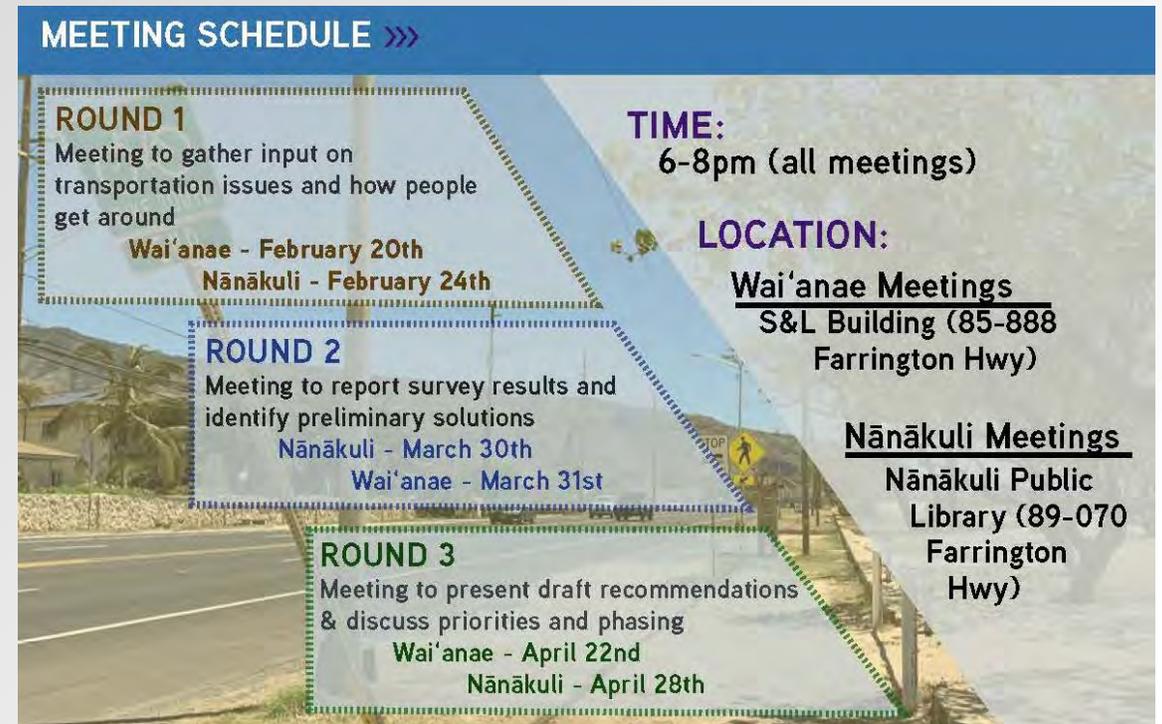
SSFM International

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See you at the Next Meetings!



**MEETING SCHEDULE >>>**

**ROUND 1**  
Meeting to gather input on transportation issues and how people get around  
Wai'anae - February 20th  
Nānākuli - February 24th

**ROUND 2**  
Meeting to report survey results and identify preliminary solutions  
Nānākuli - March 30th  
Wai'anae - March 31st

**ROUND 3**  
Meeting to present draft recommendations & discuss priorities and phasing  
Wai'anae - April 22nd  
Nānākuli - April 28th

**TIME:**  
6-8pm (all meetings)

**LOCATION:**  
**Wai'anae Meetings**  
S&L Building (85-888 Farrington Hwy)  
**Nānākuli Meetings**  
Nānākuli Public Library (89-070 Farrington Hwy)

Project Website :

<http://hidot.hawaii.gov/highways/farringtoncorridorstudy/>