Farrington Highway Corridor Study

‘Aina Meetings Round 1:
Wai‘anae 2/20/20, Nānākuli 2/24/20, 6-8 pm
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)
• 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.
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

DISCOVERY: Identify Transportation Patterns, Issues & Opportunities
July 2019-February 2020

- Study Past Efforts (Safety, Congestion, Resilience)
- Data Collection to identify “hotspots”
- Elected Official & Agency Coordination
- Meet with Neighborhood Boards and Stakeholders
- Aina Meetings Round 1: Behaviors, Issues, Opportunities
- Online Interactive Map

SOLUTIONS: Identify & Vet Potential Solutions
December 2019-March 2020

- Technical Study (Operations Assessment)
- Neighborhood Board Coordination
- Aina Meetings Round 2: Survey and Map results, discuss solutions
- Assess Feasibility of Solutions
- Generate Draft Solutions

PRIORITIES: Prioritize Solutions, Identify Short and Long Term Projects
April 2020

- Aina Meetings Round 3: Solutions, Priorities, Phasing
- Develop Recommended Solutions
- Develop Timeline, Phasing, Costs

PROGRAM: Final Recommendations for Priority Short and Long Term Projects and Implementation
May-July 2020

- Draft Corridor Study
- Agency review
- Neighborhood Board Coordination
- Final Corridor Study

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 BoardPresentations & Transportation Committees
- Stakeholder Meetings
- Drive/Walk Audit (2/8)
- KMAPP School Coordination & Development
- Survey and Interactive Map Development
• 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 Waiʻanae 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, Waiʻanae
    • February 24th, Nānākuli
  • Round 2: Report results from survey and technical studies; identify preliminary solutions
    • March 30th, Nānākuli
    • March 31st, Waiʻanae
  • Round 3: Present draft recommendations, discuss priorities and phasing.
    • April 22nd, Waiʻanae
    • April 28th, Nānākuli

ALL MEETINGS ARE 6-8 PM, S&L Building in Waiʻanae, Library in Nānākuli
Data, Issues & Opportunities: Safety, Congestion and Resilience
Sue LeBrun, 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 5th lane/contraflow, addition of turn lanes, computerized ITS traffic signal system.
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/5th 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
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‘anae Sustainable Communities Plan.
Breakout Discussions
• 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?
• Reporting Back
• Did we meet our meeting goals?
MAHALO

Contact us with questions or comments:
SSFM International
Contact: Melissa May
Phone: 808-628-5861
Email: mmay@ssfm.com

Project Website:
http://hidot.hawaii.gov/highways/farringtoncorridorstudy/

See you at the Next Meetings!

MEETING SCHEDULE

ROUND 1
Meeting to gather input on transportation issues and how people get around
Waianae - February 20th
Nanakuli - February 24th

ROUND 2
Meeting to report survey results and identify preliminary solutions
Nanakuli - March 30th
Waianae - March 31st

ROUND 3
Meeting to present draft recommendations & discuss priorities and phasing
Waianae - April 22nd
Nanakuli - April 28th

TIME:
6-8pm (all meetings)

LOCATION:
Waianae Meetings
S&L Building (85-888 Farrington Hwy)

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