

Healthy Design, Active People: Momentum Report on Safe Streets Supporting Physical Activity

Community Design and Access Sector: Physical Activity

Breakout Room 306AB, Session 1

# Healthy Design, Active People: Momentum Report on Safe Streets Supporting Physical Activity





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Community Design and Access Sector: Physical Activity

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## Speakers:

- Renee Espiau
  - Complete Streets Administrator
  - C&C Department of Transportation Services
  
- Michael Moule
  - Chief Engineer
  - County of Kaua'i Department of Public Works
  
- Ignacio Filipini
  - Transportation Planner
  - Maui Department of Transportation
  
- Patti Hatzistavrakis







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## Session Description:

This session brings together representatives from all four Hawai'i counties to share their progress in creating safer, healthier, multimodal streets. Speakers will highlight key achievements, lessons learned, and upcoming priorities in active transportation planning and implementation. Participants will gain insight into county-level innovations and common challenges. The session will help spark ideas and collaboration to strengthen statewide efforts.





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## HHSP Objectives:

**PAN - 06:** Increase by 50 miles, the total miles of low-stress pedestrian infrastructure including, but not limited to, sidewalks and trails.

**PAN - 07:** Increase by 100 miles, the total miles of low-stress bicycle infrastructure including, but not limited to, protected bike lanes and off-street paths.

**PAN - 08:** The state and each county will identify and adopt mode-share goals and measurements that prioritize walking and wheelchairs, bicycling, and transit use.

**PAN - 09:** Increase by 10% the acres of land zoned for Transit-Oriented Development (TOD) and mixed use to support walkable communities.





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## PA Objectives Update

- **PAN - 06:** 8.7 Miles Statewide
  - Annual reporting from C&C Honolulu
  - Data collection reporting being developed for Maui, Kauai, and Hawai'i Island
  - HDOT Priority Multimodal Network Plan would increase to 24.85 miles by 2030
- **PAN - 07:** 11.08 Miles Statewide
  - Annual reporting from C&C Honolulu
  - Data collection reporting being developed for Maui, Kauai, and Hawai'i Island
  - HDOT Priority Multimodal Network Plan would increase to 37 miles by 2030
- **PAN - 08:** 2 Mode-Shift Goals Adopted for O'ahu and Kaua'i
  - Maui and Hawai'i County In-progress





Department of Planning & Permitting	Department of Transportation Services	Department of Design & Construction	Department of Facility Maintenance	Department of Parks & Recreation
Transit-Oriented Development (TOD)	Complete Streets, Bicycle, & Pedestrian Programs	Roadway Construction & Rehabilitation of Streets	First-Aid Pavement Repair	Urban Forestry & Street Trees
Special Districts	Transit Operations & Access	Street Lighting	Pavement Preservation Program	Off-street Paths & Trails
New Street Standards	Traffic Improvements at Various Locations	Curb Ramp Program	Maintenance & Installation of Roadway Striping & Signs	
Development and Project Review	Traffic Signals & Street Usage Permits	Bridges & Drainage	Storm Water Quality	





**Honolulu Urban Core Bikeway Network 2025**

**Upcoming**

- Protected or buffered bike lane
- Bike lane
- Bike route (sharrows)

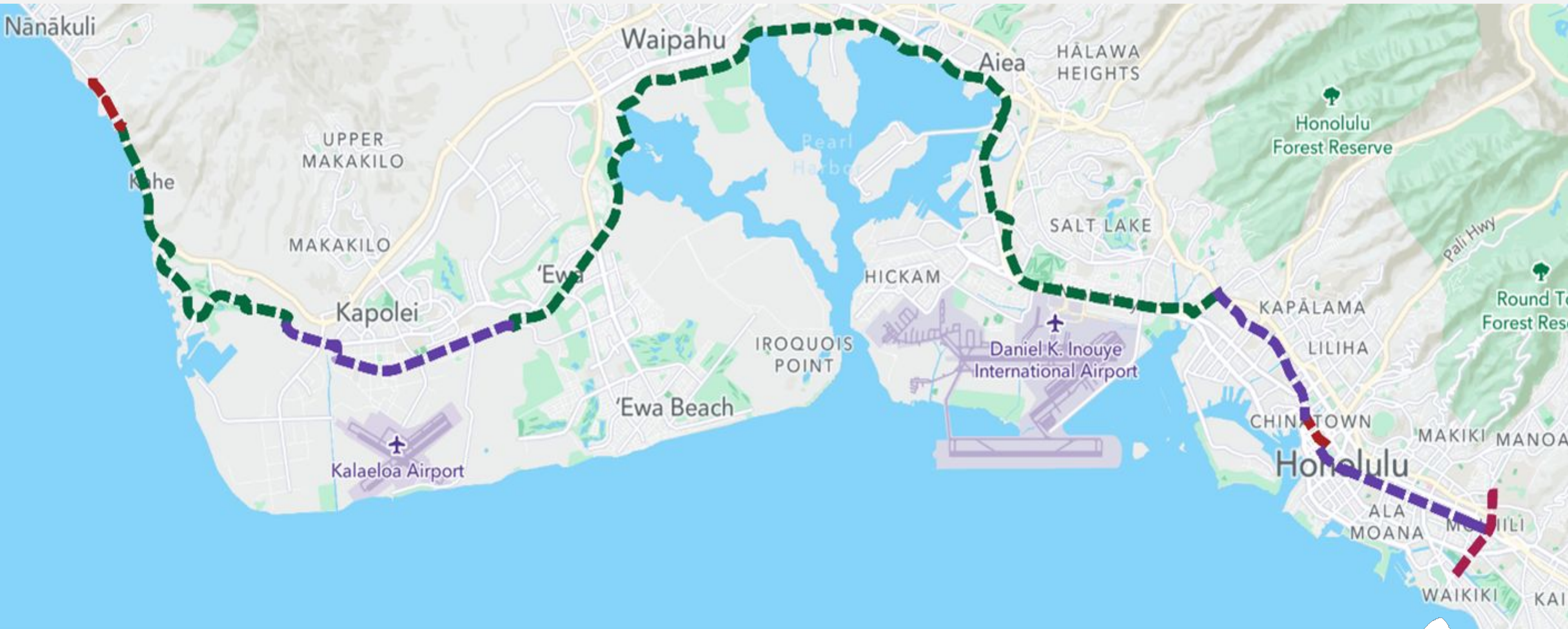
**Existing Bikeways**

- Bike path
- Protected or buffered bike lane
- Bike lane
- Bike route (sharrows)

Scale: 0 to 1 mile



# O'ahu South Shore Shared-Use Path: Leeward Coast to UH Mānoa





# School Zone Traffic Calming & Complete Street Projects

- Federal-Aid Priority Walkway Projects (Wai‘anae, Waipahu, Wahiawā, Kalihi, McCully/Date, Kailua)
- SS4A Quick-Build Demonstration Grant (50 high-injury locations, ~20 school locations)
- Waipi‘o Point Access Road Shared-Use Path (Waipahu High School)
- North King Street Bikeway and Crosswalk Upgrades (Kai‘ulani Elementary School, Farrington High School, Kalākaua Middle School)
- Kāne‘ohe Complete Streets (He‘eia Elementary School, Parker Elementary School, Castle High School)
- Kamehameha IV Road School Crossing Upgrades (Dole Middle School, Ka‘ewai Elementary School)
- Nu‘uanu Avenue/Bates Street Crosswalk Upgrades (Hawaii Baptist Academy Elementary School)
- Waimano Home Road/Leomele Street RRFB (Pearl City Highlands Elementary School)
- Waimano Home Road/Ho‘omalua Street (Pearl City Elementary School)
- Moanalua Road/Nalopaka Place RRFB (Alva Scott Elementary School)
- Mehe‘ula Parkway/Hikikaulia Street RRFB (Mililani High School)
- Māhoe Street Safe Routes to School (August Ahrens Elementary School)
- Keolu Drive Bikeway and Traffic Calming (Keolu, Enchanted Lake &, Ka‘elepulu Elementary Schools, Kailua Intermediate School)
- Ala ‘Ākau Street Curb Extensions (Kamaile Academy)
- Kīlauea Avenue Lane Reconfiguration & Harding Avenue Sidewalks (Kāhala & Wai‘alae Elementary Schools, Kaimukī Middle School)
- Mōkapu Road Lane Reconfiguration (Aikahi Elementary School)
- Hawai‘i Kai Drive Lane Reconfiguration (Haha‘ione & Kamiloiki Elementary Schools)
- Lunalilo Home Road Crossing Upgrades (Kaiser High School)
- Hale‘iwa Road Shared-Use Path (Hale‘iwa Elementary School)
- and more...





# Our First Federal-Aid Walkway Projects

Project Community	Project Corridor
Waianae	Plantation Road
	Mill Street
	McArthur Street
	Lualualei Homestead Road
Wahiawa	California Avenue
	Glen Avenue/Uuku Street
McCully-Moiliili	Kapiolani Boulevard
	Date Street
	Hauoli/Pumehana/Citron/ Fern Streets
	Lokahi/Algaroba Street
Makiki	Nehoa Street
	Pensacola Street
	Keeaumoku Street
	Piikoi Street
	Prospect Street/Iolani Avenue
Kalihi	Palama Street
	Gulick Avenue
	Beckley Street
	Puuhale Road
	Kanoa Street
Waipahu	Waipahu Street
	Honowai Street
Kailua	Kuulei Road
	Kailua Road
	Kalaheo Avenue



Palama Street in Kalihi



Beckley Street in Kalihi



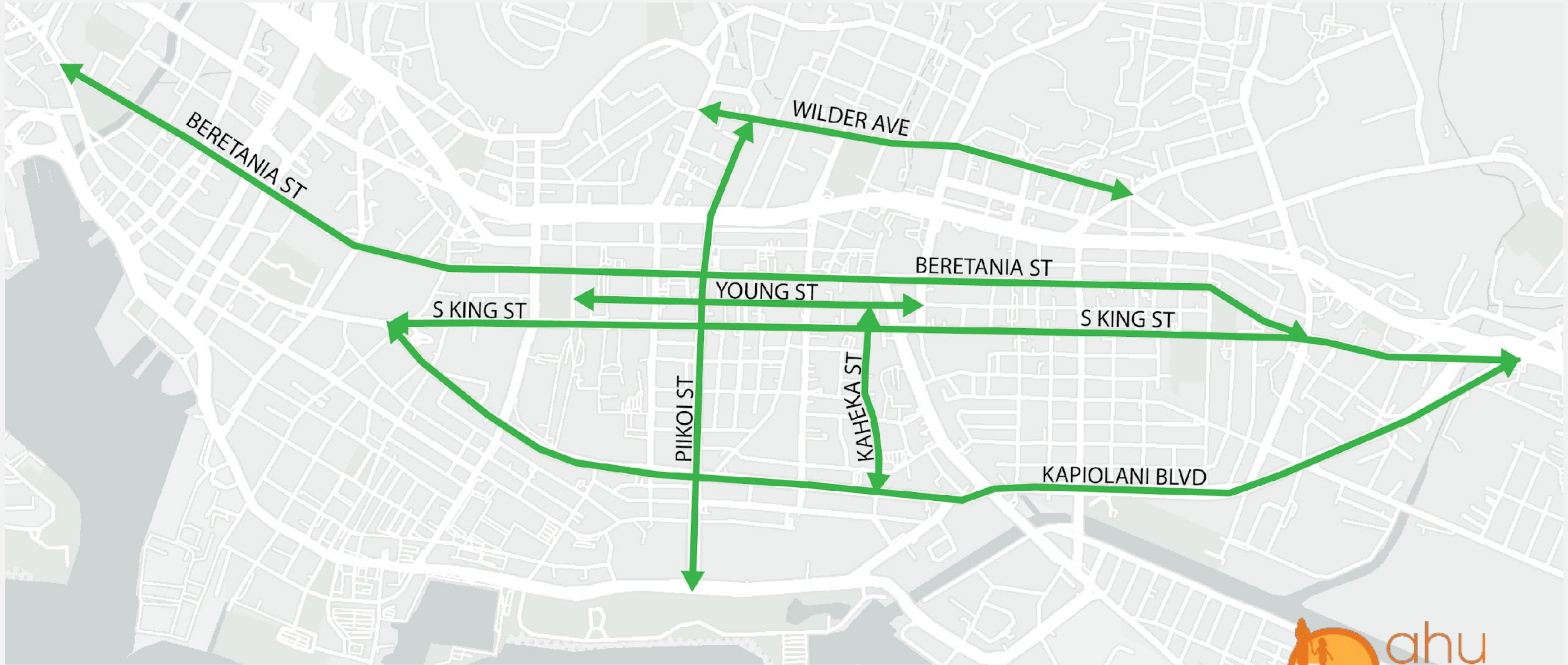
Plantation Road in Waianae

**2022 Florida study shows the absence of sidewalks increases pedestrian crashes by 67%**





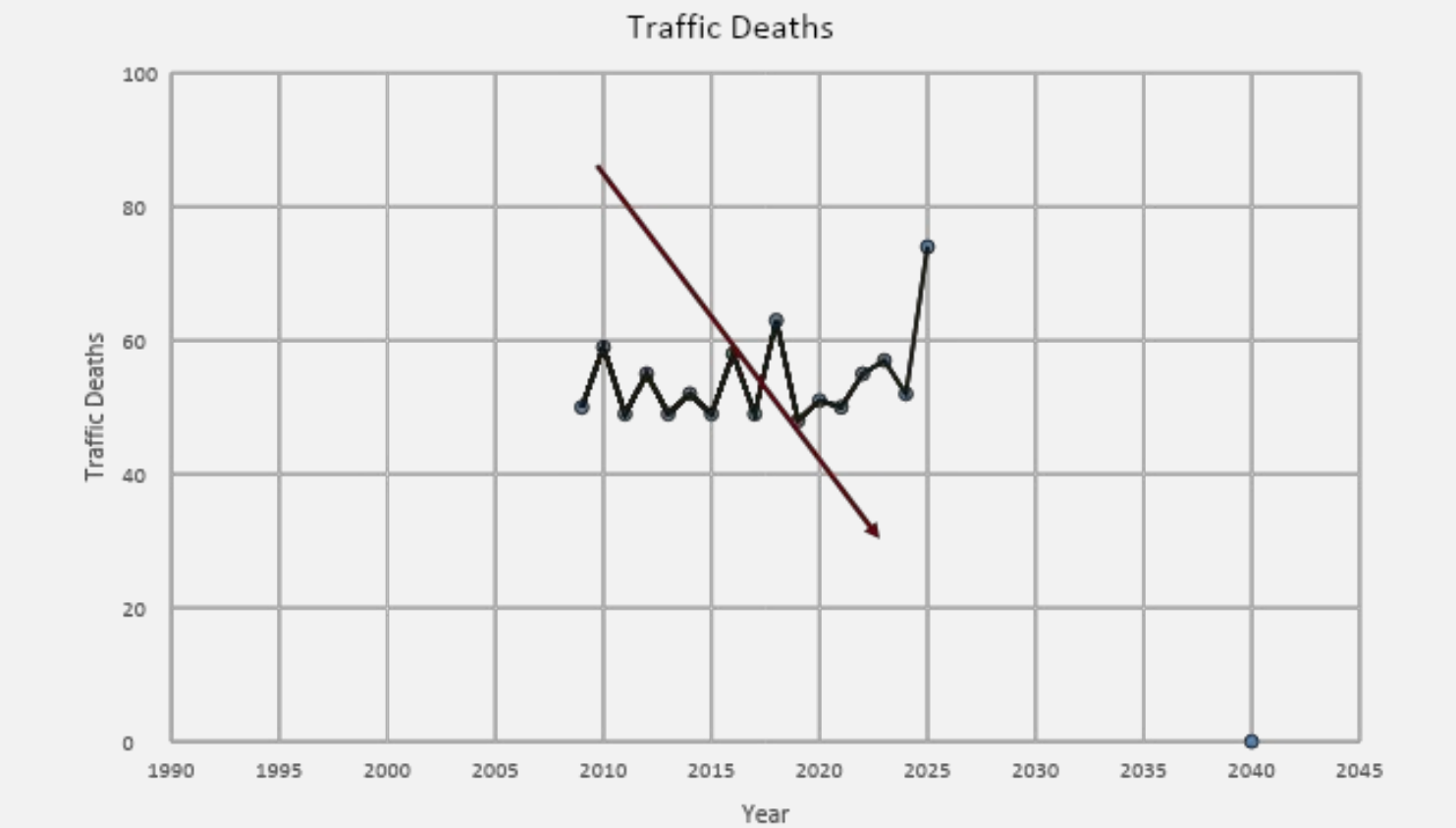
# Safe Streets and Roads for All Grant (FFY23)





# 2025 Fatalities on O‘ahu

<u>Demographic</u>	<u>No.</u>	<u>Percentage</u>
Pedestrian	22	30%
Motorcyclist	19	26%
Moped	7	9%
Vehicle	18	24%
E-bike*	3	4%
E-scooter	1	1.35%
Bicyclist	1	1.35%
Skateboarder	1	1.35%
Utility vehicle	1	1.35%
<b><u>TOTAL</u></b>	<b><u>74</u></b>	



<u>Demographic</u>	<u>No.</u>	<u>Percentage</u>
Male	50	67%
Female	24	34%
<b><u>Total</u></b>	<b><u>74</u></b>	

<u>Age</u>	<u>No.</u>	<u>Percentage</u>
Kupuna 65+	17	34%

# School Zone Speed Humps/Raised Crosswalks

## Completed:

- Campbell High School
- Hawaii Baptist Academy
- Holomua Elementary School
- 'Ilima Middle School
- Kahalu'u Elementary School
- Kahuku Elementary School
- Kapālama Elementary School
- Kawanānakoā Middle School
- Leihōkū Elementary School
- Mā'ili Elementary School
- Makakilo Elementary School
- McKinley High School
- Moanalua High School

## Upcoming:

- 'Āina Haina Elementary School
- August Ahrens Elementary School
- Castle High School
- Enchanted Lake Elementary School
- 'Ewa Beach Elementary School
- Hale'iwa Elementary School
- Helemano Elementary School
- Highlands Intermediate School
- Iliahi Elementary School
- Ka'elepulu Elementary School
- Kailua Intermediate School
- Kalihi Waena Elementary School
- Kāne'ohe Elementary School
- Keolu Elementary School
- Leilehua High School
- Maemae Elementary School
- Makaha Elementary School
- Moanalua Elementary School
- Moanalua Middle School
- Niu Valley Middle School
- Punahou School
- Waialua Elementary School
- Waikele Elementary School
- Waimalu Elementary School





# Raised Crosswalk Study

- The percent of **drivers stopping for pedestrians significantly increased from 66% to 89%.**
- Average speed of vehicles across study locations dropped by 4 mph.
- The percentage of **drivers exceeding the speed limit decreased** significantly with reductions in top speed and lower prevailing speed.
- A study of crashes four years before and three years after the State's installation of raised crosswalks at nine locations in Kalihi and Waianae and found that **pedestrian and serious injury crashes plummeted to zero** for all studied locations.





# Quick-Build RRFB Pilot: School Street & Date Street



Yield Rate  
Before  
60%

Yield Rate After  
87%



# Safe Streets and Roads for All Grant (FFY24)

## ~50 High-Injury Locations

### Uncontrolled Crosswalks

- Solar rectangular rapid-flashing beacons (RRFBs)
- Daylighting
- Curb extensions
- Raised crosswalks/speed humps
- Pedestrian refuge islands
- Lane conversions



### Signalized Intersections

- Center line hardening
- Leading pedestrian intervals (LPIs)
- Daylighting
- Turn wedges
- Curb extensions





December 5, 2025

# HEALTHY DESIGN, ACTIVE PEOPLE: BUILDING MOMENTUM FOR SAFE STREETS

*County of Hawai'i*

**Patti Hatzistavrakis | Hawai'i Public Health Institute | Active Transportation Specialist**

With support from Shannon Arquitola | County of Hawai'i Planning Department | Planner V and  
Jesse Domian | County of Hawai'i Department of Public Works | Safe Routes to School Coordinator

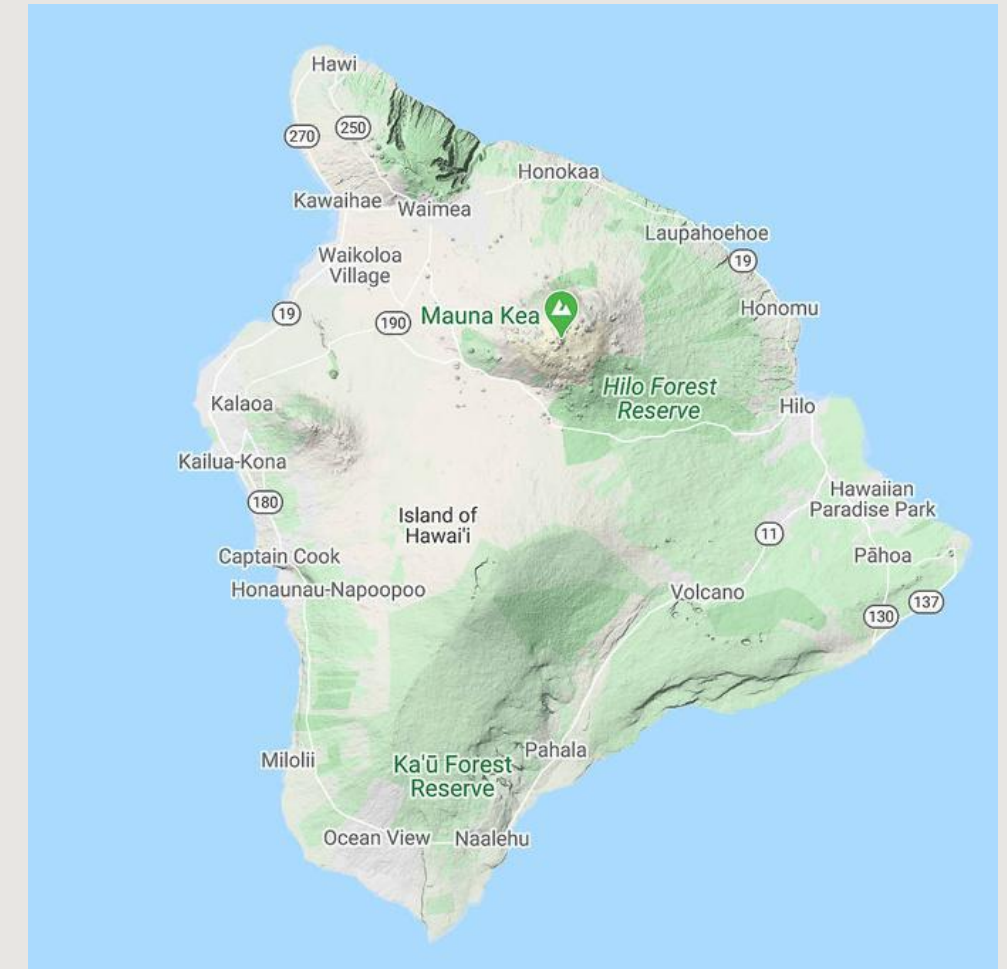


## Purpose:

- Highlight recent achievements, lessons learned, and upcoming initiatives in active transportation planning and implementation.
- Provide an understanding of county-level innovations, shared challenges, and opportunities to collaborate on statewide momentum for safe and active communities.

## Topics:

- Recent healthy design and active transportation initiatives
- Partnerships and community-driven approaches
- Barriers to implementation across rural and urban island contexts
- Future priorities and pilot concepts





# Healthy Design and Active Transportation

## Initiatives

- Walk Before Work in partnership with the Mayor's Health Challenge

- **Themes:**

- First Walk: Physical/mental health
- Second Walk: Community engagement opportunities
- Third Walk: Walking as a mode of transportation

- **Structured as mini-walk audits through downtown Hilo**

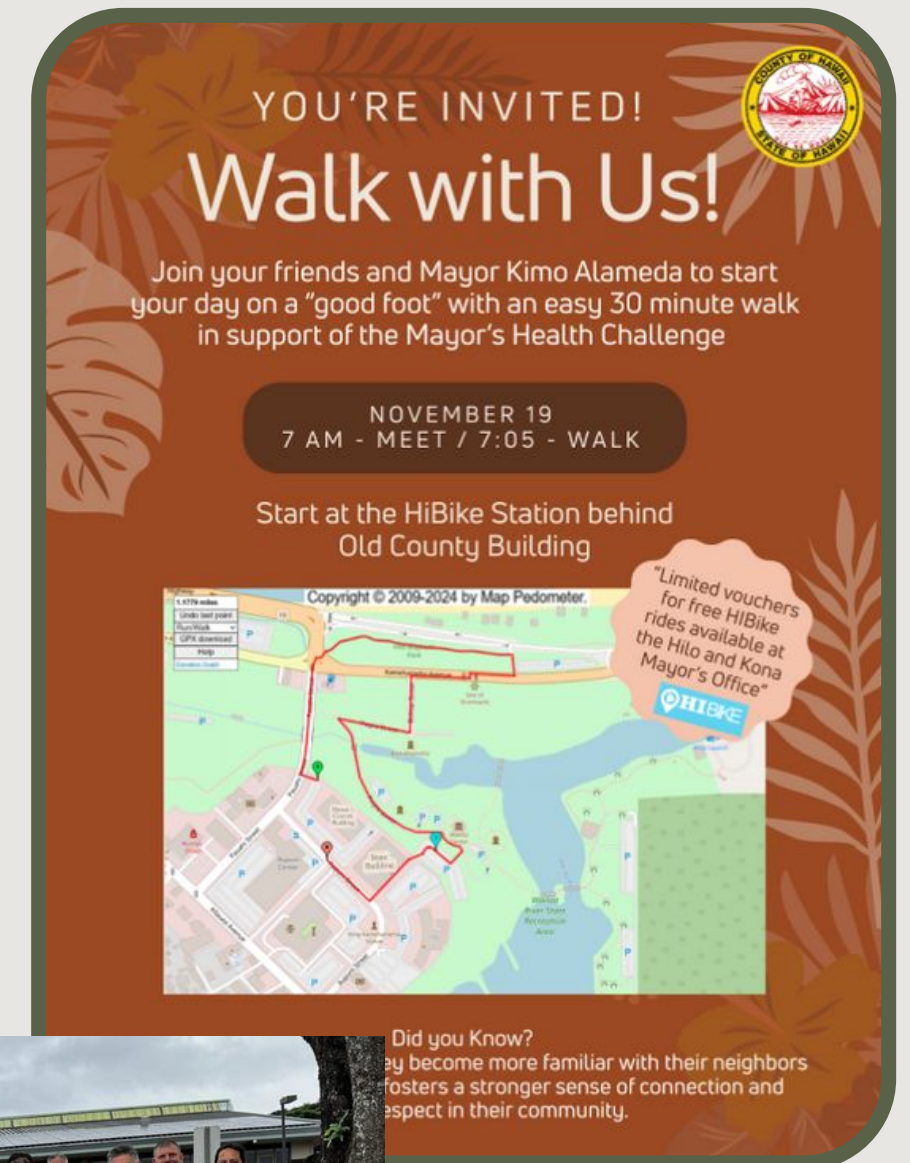
- Highlights: Safety improvements for the crosswalk on Kamehameha Ave., which connects two public parks.

- **Future Plans:**

- Facilitate twice per month,
- Continue expanding the participant base and walking distance.

- **Benefits:**

- Breaks down silos between departments, builds relationships,
- Gets people moving,
- Builds support for initiatives outside of the county agencies, such as SRTS awareness.





# Partnerships and community-driven approaches

- **PATH Bike Education Programs**

- The SRTS Coordinator is supporting county-wide 4th-grade programs.
- Safety equipment and information: distributed to 150-200 keiki.
  - Keiki Heroes coloring books, SRTS flyer, reflective bracelets, and flashing lights
- Benefits: basic cycling skills and rules of the road

- **Walking School Bus in Kealakehe**

- Held every Monday morning.
- 50-60 keiki participants with the school administration and parent volunteers.
- Benefits: increased attendance, school pride, and community relationships.

- **Waiakea Peninsula Walk Audit Training w/ Mark Fenton**

- Participants: community members, advocates, and county agency folks
- Purpose: Critically view the safety and accessibility of public spaces to identify improvements.
- Future: Secure funding for implementation of quick-build projects





# ***Barriers to implementation across rural and urban island contexts***

- **State-level Funding:**

- Safe Routes to School Advisory Committee approved funding for non-infrastructure and the SRTS Coordinator position.
  - Process is underway, anticipating funds in early 2026

- **Collaborations with the Department of Education:**

- Would like to establish a top-down approach to expand SRTS programs in each complex area.
- Benefits: Program continuity, ease of roll-out, increased participation rates.

- **Implementing SRTS initiatives in rural areas:**

- Lack of infrastructure on roads that are outside of the county's jurisdiction.
  - Solution: recent statewide multimodal plan

- **General Resistance to change:**

- Shifting car-centric behaviors and design





## *Future priorities and pilot concepts*

- **Honoka'a School Complex Quick Build is scheduled for Fall 2026:**
  - Planned safety improvements will address community and school-level concerns.
- **The Kona Open Space Network Plan is to be finalized in February 2026:**
  - Expand connectivity between hubs within the network,
  - Support the health and well-being of the community and preserve Kona's natural and cultural resources,
  - Implement low-cost, community-driven solutions.
- **The updated Vision Zero plan is estimated to be complete in 2027:**
  - The Smart and Safe Intersections project is at the approval stage.
    - Will inform the updated Vision Zero plan for compliance with the SS4A grant.
- **Urban Trail Network Plan: early stages**
  - Aims to improve the accuracy, usability, and accessibility of trail data, focusing on increased connectivity within the Urban State Land Use Districts.
- **Evaluation & Monitoring of Downtown Hilo Multi-Modal Plans**
  - Federal funding through the state SPR Program was recently awarded to audit completed projects and identify next steps.





# Future priorities and pilot concepts

- **Wailoa River State Park improvements:**

- Concept stage, funding approved.
- Collaboration with State agencies and Hilo Bayfront Trails to connect existing multi-use pathways within park boundaries.

- **Pahoa Transit Hub: estimated completion is 5 years**

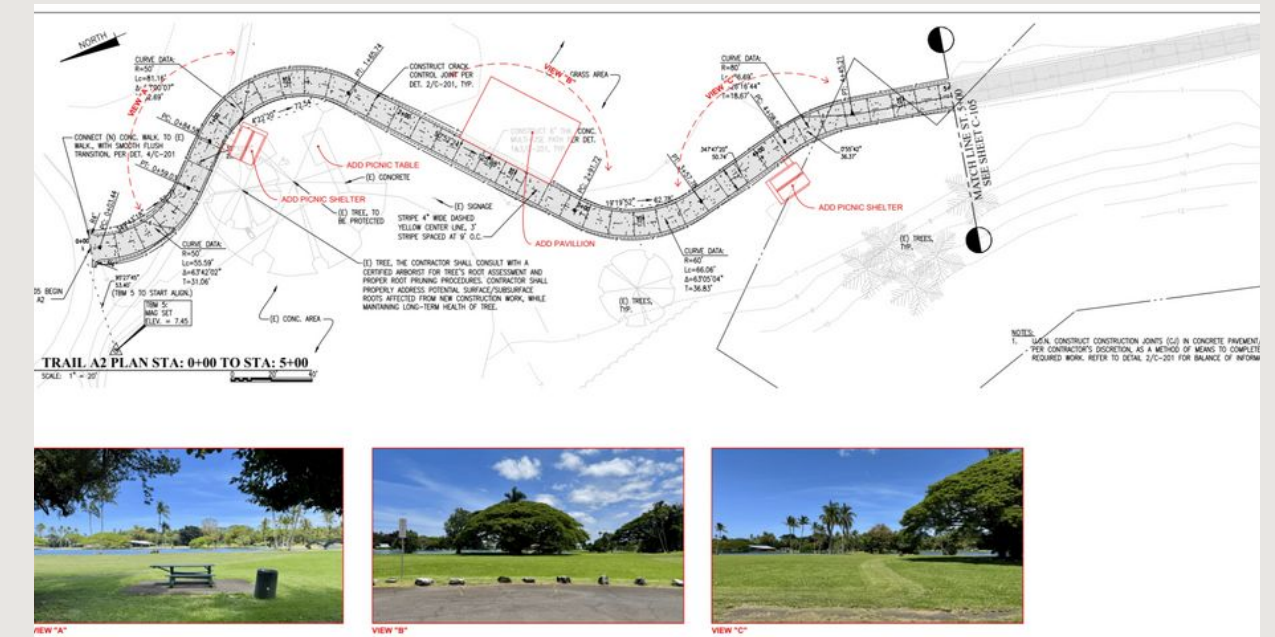
- Complex to house the transit center, library, and include community use facilities.

- **Hamakua Heritage Trail: concept phase**

- Proposed 50-mile scenic trail from Hilo to Waipio Valley.
- Data gathering is in progress, seeking funding for a feasibility study.

- **Traffic Gardens:**

- A scaled-down street network designed for children and new riders to practice biking and road safety in a car-free environment.
- Placement on county property vs. DOE would expand access to community members





## In Summary



Safe and accessible multimodal transportation options



Interdepartmental and interagency collaborations



Providing programs that encourage the community to be physically active



December 5, 2025

# MAHALO!

**General Questions: Patti Hatzistavrakis: [patti@hiphi.org](mailto:patti@hiphi.org)**

Questions on SRTS: Jesse Domian: [Jesse.Domian@hawaiicounty.gov](mailto:Jesse.Domian@hawaiicounty.gov)

Questions on County projects: Shannon Arquitola: [shannon.arquitola@hawaiicounty.gov](mailto:shannon.arquitola@hawaiicounty.gov)





# Healthy Design, Active People

Building Momentum for Safe Streets on Maui

Ignacio Filippini, Transportation Planner, Maui DOT





# Maui County at a Pivotal Moment

- Health, safety, climate, and recovery
- Streets for keiki, kūpuna, and community
- From auto-oriented to people-centered



# Key Achievements

- Queen Ka'ahumanu Center Rezoning (2024)
- South Maui Quick Build (2025)
- Hāna Community Pathway Study (2025)







# Current Projects

- Rebuild Lahaina Street Design Workshops
- Līloa Street Extension
- Lower Honoapiʻilani Rd Complete Streets
- Waiʻale Road Extension
- Honoapiʻilani Highway Realignment

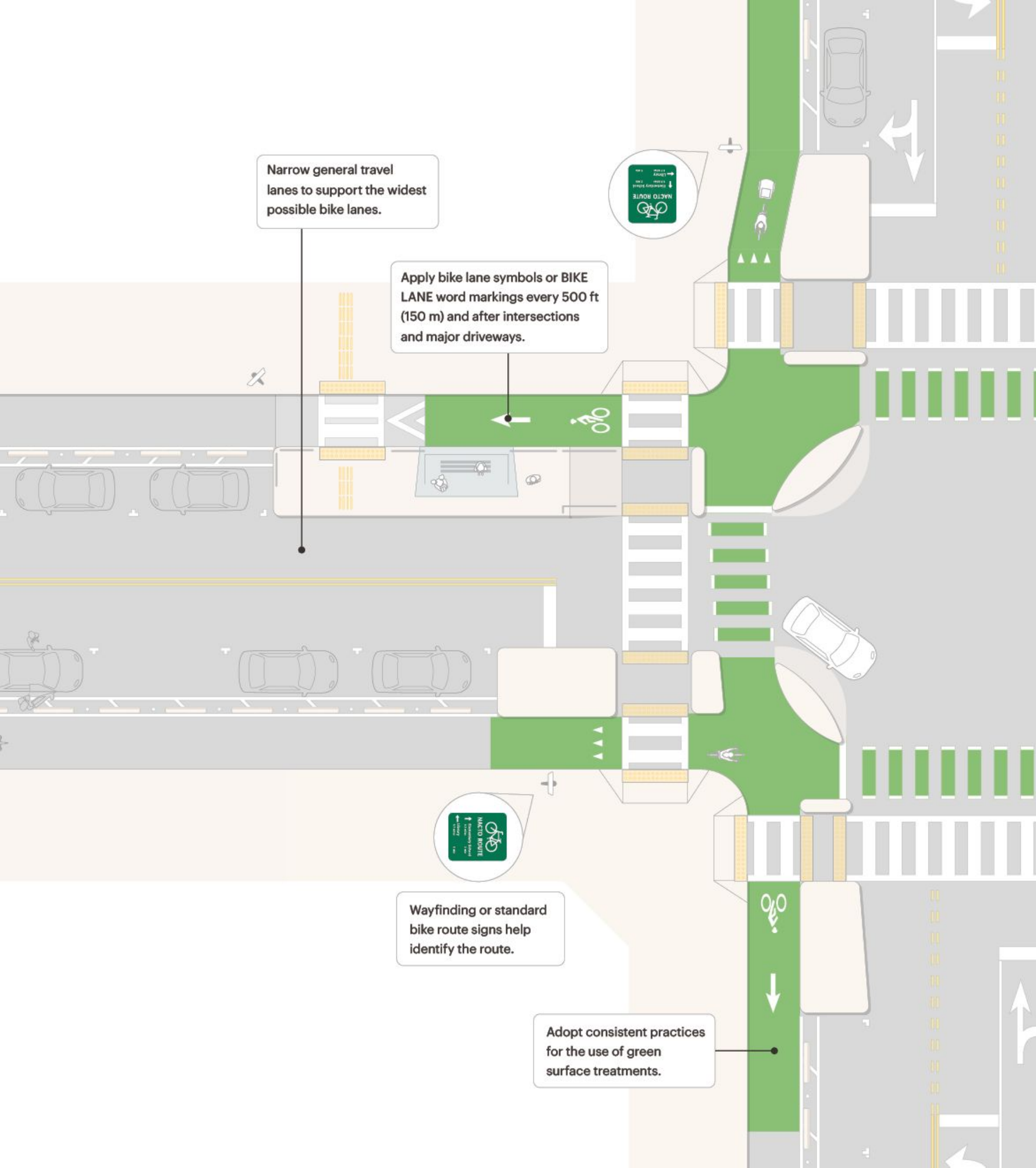


# Health, Community & Capacity Building

- He Nohona 'Ulu – Community Forest & Active Living
- Walk Audit Training – Kahului (2025)
- HEAL Coalition Built Environment Goals







# Five-Year Vision for Maui

- Countywide Bike & Pedestrian Plan
- Title 19 Zoning Code Rewrite
- Street Design Manual Update
- Broad coalition for livability & equity



# Challenges We Must Overcome

- Political will
- Funding constraints
- Autonormativity

Maui-specific:

- Perceived rurality
- Transit & Bike/Ped Underfunding
- Implementation Gaps







# Opportunities Rooted in Hawai'i Values

- Kūpuna, keiki, 'āina
- Navahine Settlement
- Green Fee funding potential
- Statewide collaboration





# Mahalo!

Ignacio Filippini, Transportation Planner, Maui DOT

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