

2016

BIKE COUNT

O'ahu



# How We Did It

- **84 Wonderful Counters!**
- **10 Locations**
  - UH Mānoa, Waikīkī, Downtown, Kalihi, 'Ewa, Pearl City
- **3 days, twice a day**
  - September 13-15, 7-9am & 4-6pm
- **Modeled off NBPD, Portland**
  
- **Why?**
  - Data helps us advocate and push for changes where it's needed
  - Data enables us to track cycling patterns on O'ahu





**3 days, 10 locations ...  
4,573 BIKES!**

\* Numbers reflect total over 3 days



# Weather Conditions



Photo by: John G.

“THE NATIONAL WEATHER SERVICE IN HONOLULU HAS ISSUED A

\* FLASH FLOOD WARNING FOR...



THE ISLAND OF OAHU IN HONOLULU COUNTY

\* UNTIL 815 AM HST

\* AT 522 AM HST...RADAR INDICATED HEAVY RAIN ACROSS HONOLULU AND ALONG THE CREST OF THE KOOLAU MOUNTAINS ON EAST OAHU. RAINFALL RATES OF 2 INCHES PER HOUR WERE NOTED ON RADAR...WITH A 4 INCH AN HOUR RATE NOTED ON THE MANOA LYON ARBORETUM GAUGE. MANOA STREAM IS APPROACHING FLOOD STAGE. THE AREAS OF HEAVY RAIN WERE NEARLY STATIONARY.”



## Alert Details

**Severity:**

Severe - Significant threat to life or property

**Urgency:**

Immediate - Responsive action SHOULD be taken immediately

**Certainty:**

Observed - Determined to have occurred or to be ongoing

**Category:**

Meteorological (inc. flood)

**Event Description:**

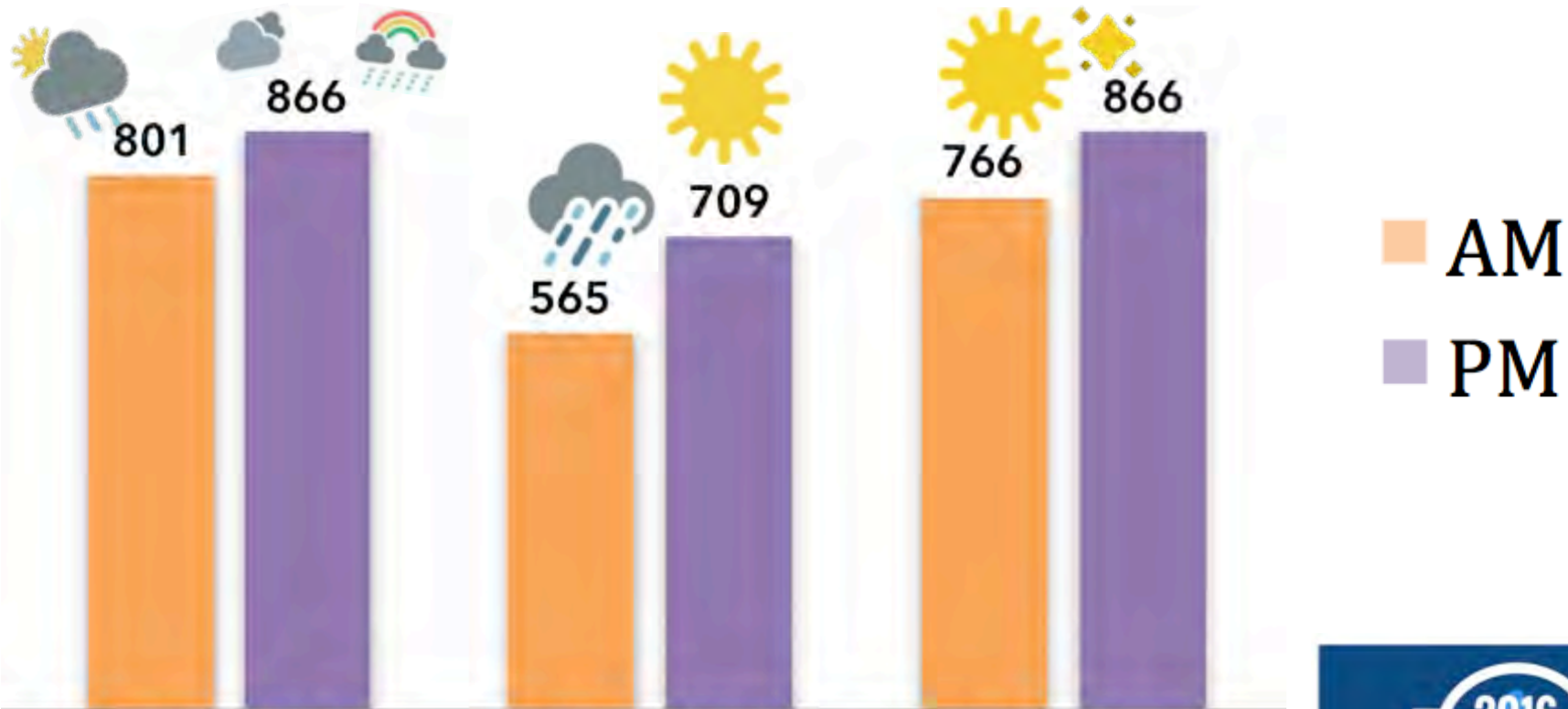
Flash Flood Warning



# Weather Conditions



# Weather During the Day



**Sept. 13**

- AM: Overcast / drizzly / muggy
- PM: Overcast / rainy / sunny

**Sept. 14**

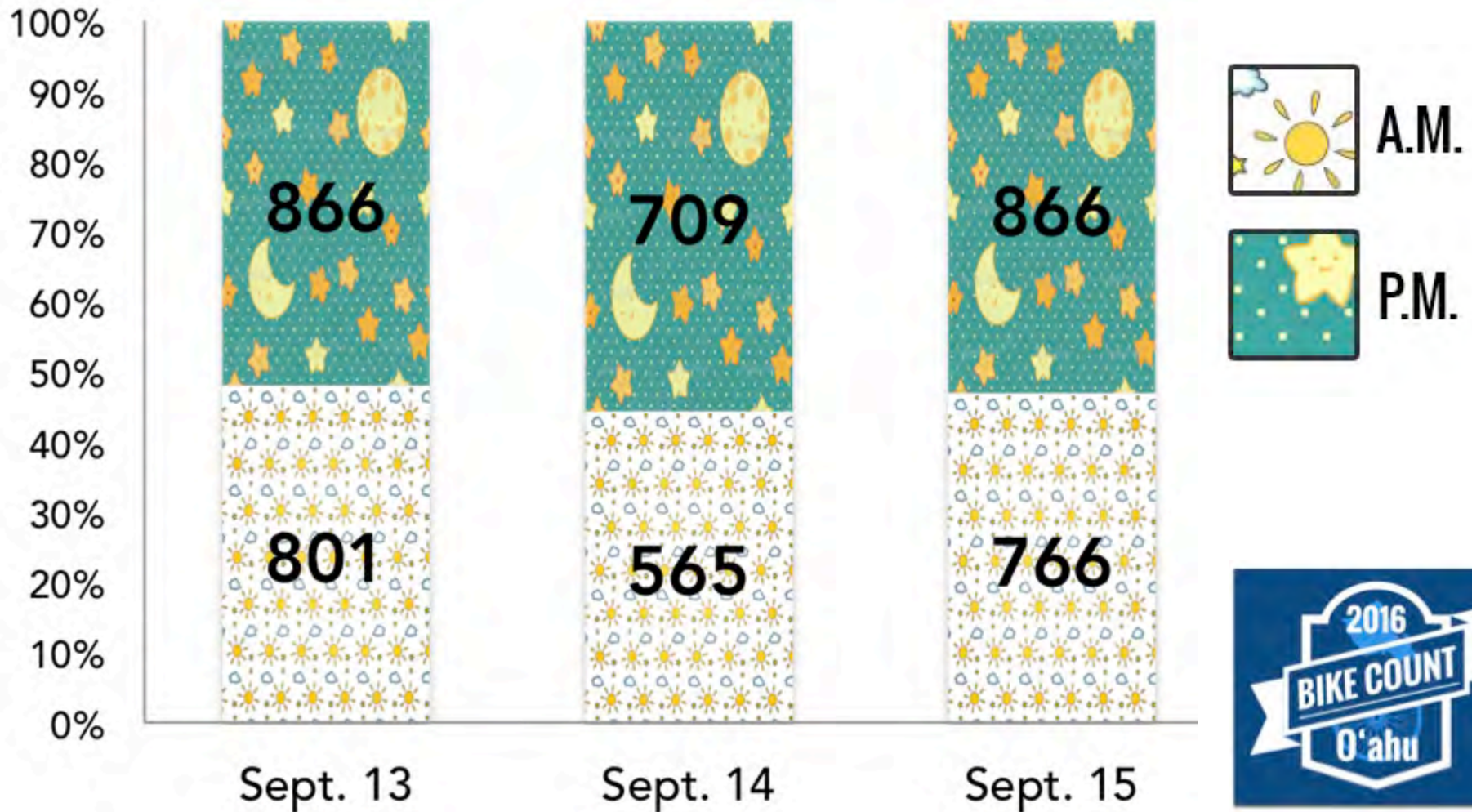
- AM: Rainy / wet
- PM: Clear / dry

**Sept. 15**

- AM: Sunny / dry
- PM: Sunny / dry



# Morning VS Evening



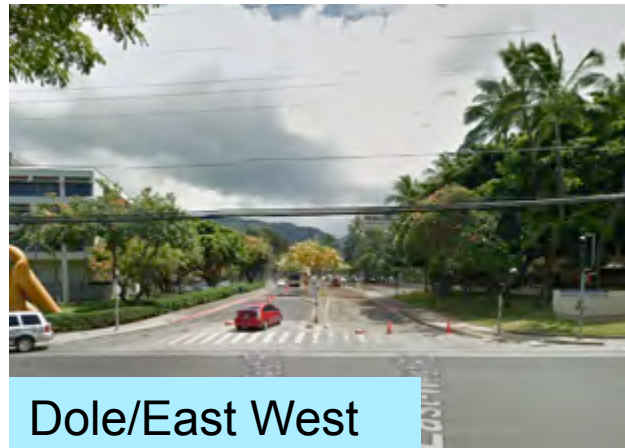
# A Change in the Trends



Breaking a three year streak, **KING & UNIVERSITY** overtook Kapahulu & Paki for the intersection with the most bikes (928) over the three days!

## Runner ups:

- Kapahulu & Paki (802)
- Dole & East West Rd. (593)





# Sidewalk/Path or Street?

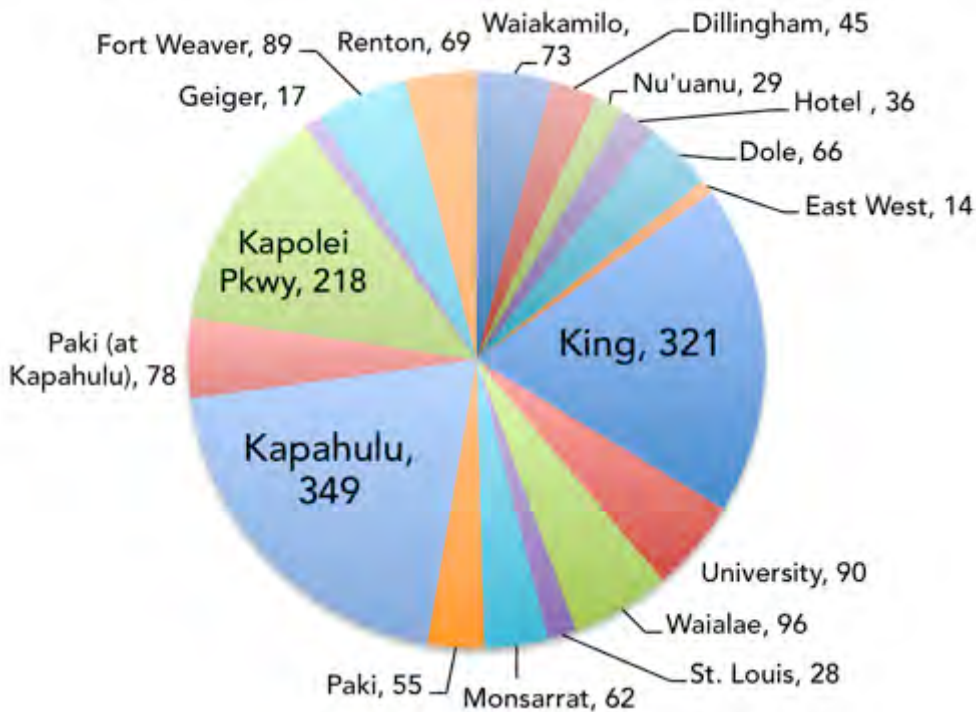


Riders preferred the **street** overall

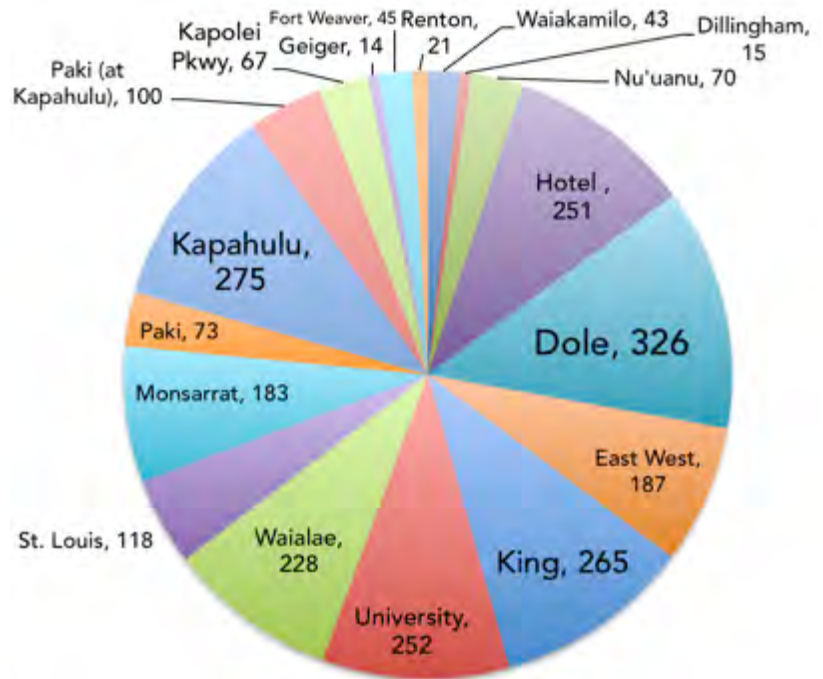


# Sidewalk VS Street

## Sidewalk/Path



## Street



# Biking Environments

## Bike Lanes



## Multi-Use Paths



## Low Stress, No Bike Lanes



## High Stress, No Bike Lanes



# Multi-Use Paths

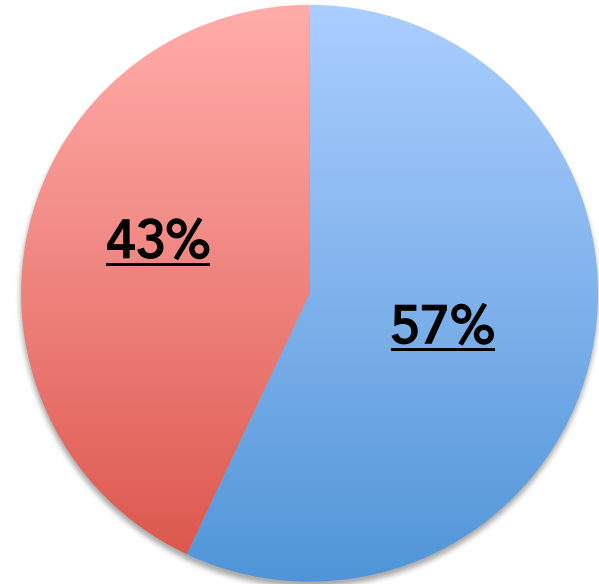
Paki Avenue



Kapolei Parkway



Photo by: John G.



- Paki Ave.
- Kapahulu Ave.
- Fort Weaver Rd.
- Kapolei Pkwy.

# Bike Lanes

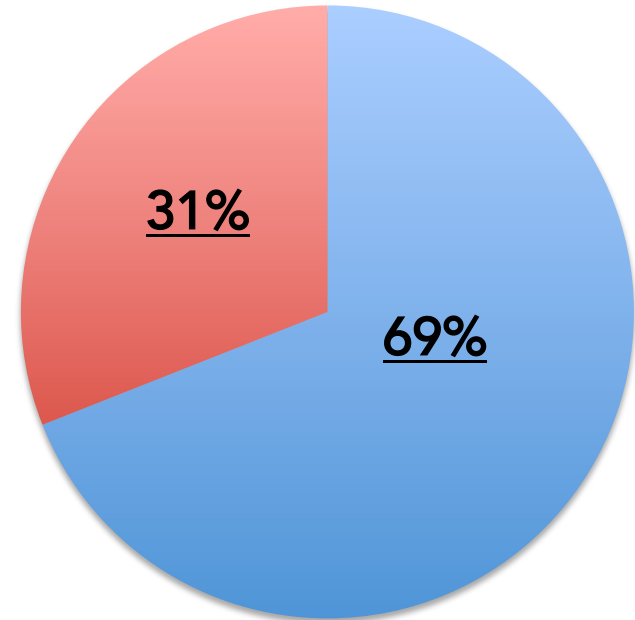
Wai'alaie Avenue



Waiakamilo Road



Dole Street



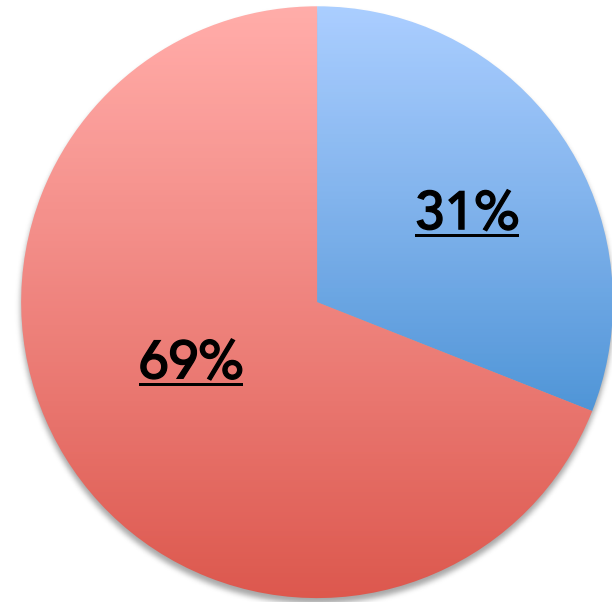
- Waiakamilo St.
- Dole St.
- University Ave.
- Wai'alaie Ave.

# High Stress, No Bike Lanes

Geiger Road



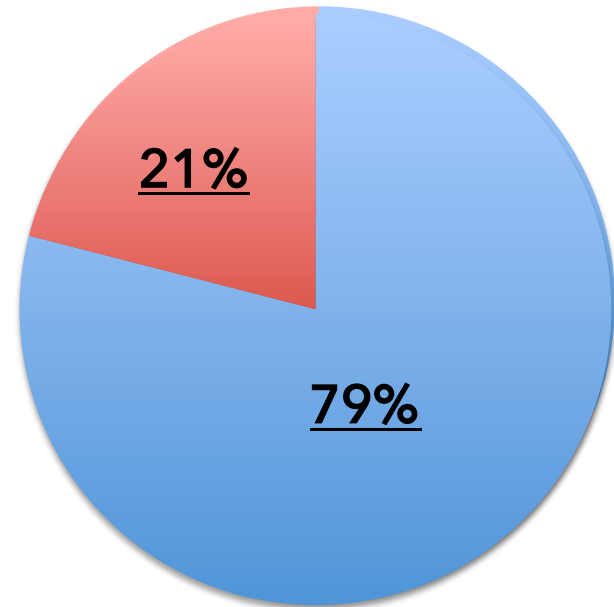
Renton Road



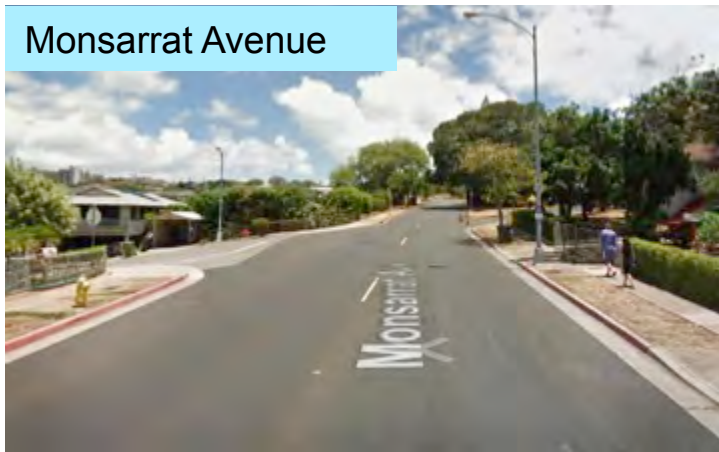
- Dillingham Blvd.
- S. King St.
- Geiger Rd.
- Renton Rd.

# Low Stress, No Bike Lanes

East West Road



Monsarrat Avenue



- East West Rd.
- Nu‘uanu Ave.
- Monsarrat Ave.

# Honolulu 311





# HBL.org



ABOUT

ADVOCACY

EDUCATION

EVENTS

RESOURCES

SHOP

JOIN



## RESOURCES



### BIKE MAPS & ROUTES

View a variety of bike maps and routes around O'ahu.



### O'AHU BIKE MAP

Find the best way to ride from Point A to Point B!



### BIKE LAWS

Bicycles are vehicles, follow the rules of the road!



### O'AHU BIKE PLAN

Did you know we have a bike plan?!



### FIND A BIKE SHOP & RENTALS

Find a bike shop in your neighborhood or



### CYCLING WORKSHOPS

Free workshops from *Keiki* to *Kūpuna*. Sign

# Map Sneak Peek!



**Map References**

City Map	Radio Map	Proposed Map
Blue Line	Blue Line	Blue Line
Orange Line	Orange Line	Orange Line
Green Line	Green Line	Green Line
Yellow Line	Yellow Line	Yellow Line
Red Line	Red Line	Red Line
Grey Line	Grey Line	Grey Line
Black Line	Black Line	Black Line
Blue Line	Blue Line	Blue Line
Orange Line	Orange Line	Orange Line
Green Line	Green Line	Green Line
Yellow Line	Yellow Line	Yellow Line
Red Line	Red Line	Red Line
Grey Line	Grey Line	Grey Line
Black Line	Black Line	Black Line

**Map References**

Other symbols and icons used on the map, including a bicycle icon and a person on a bicycle.

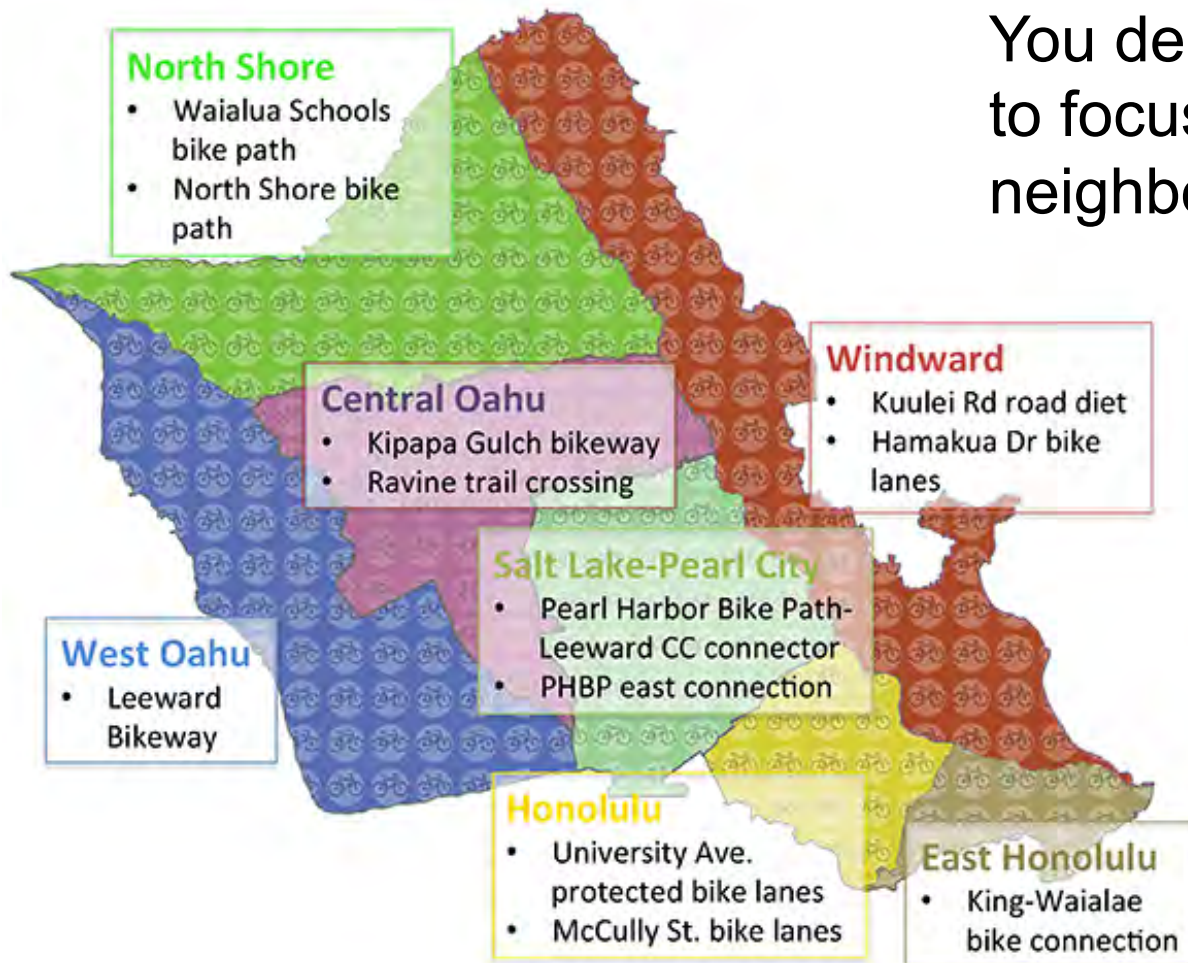
**The Making of the Map**

After the House Department of Transportation passed the major new plan in the spring of 2013, the Department of Transportation set out to create a comprehensive map of the city and its surrounding areas. The map was created by the Department of Transportation and the Department of Planning and Economic Development. The map was created by the Department of Transportation and the Department of Planning and Economic Development.

**Local Agency Input**

The map was created with input from various local agencies, including the Department of Transportation, the Department of Planning and Economic Development, and the Department of Public Works. The map was created with input from various local agencies, including the Department of Transportation, the Department of Planning and Economic Development, and the Department of Public Works.

# Join a Regional Advocacy Group!



You decide what projects to focus on, in your neighborhood

[www.HBL.org/AdvocacyGroups](http://www.HBL.org/AdvocacyGroups)

Email: Daniel@HBL.org



# Minimum Grid HNL



[www.HBL.org/MinGridHNL](http://www.HBL.org/MinGridHNL)

Email: Daniel@HBL.



Protected Bikeways for ALL!!!

# Mahalo!

We had 84 AMAZING individuals helping make this count a success. We couldn't have it without you! Thank you so much for all your hard work!

For more details and information on the results, visit [HBL.org/BikeCount](http://HBL.org/BikeCount).



*Mahalo!*

