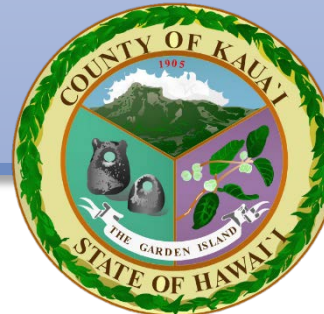
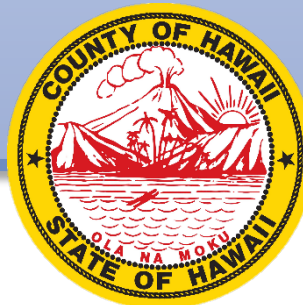
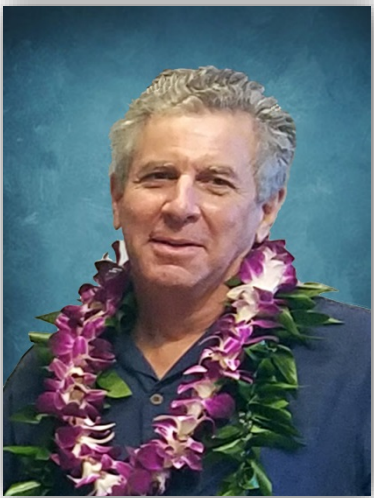


# COUNTY OF HAWAI‘I DEPARTMENT OF PUBLIC WORKS CIP & Special Maintenance Future Projects

## JOINT STATE–CITY–COUNTIES SYMPOSIUM “LAULIMA” Working Together to Build a Better Hawai‘i.

April 6, 2017





**Frank J. De Marco, P.E.**

**Director**

County of Hawai'i Department of Public Works



Department of Public Works

ISLAND OF HAWAI'I

*Working together as ONE to improve the quality of  
service for the health and safety of our Big Island Ohana*

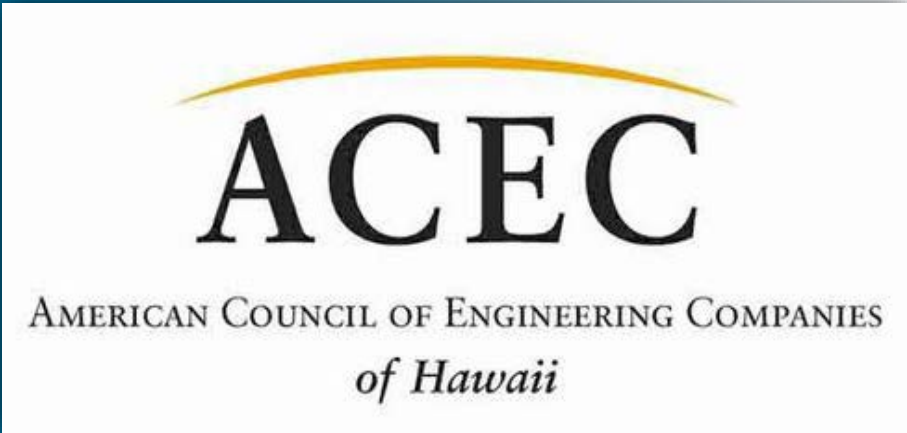
“Together through partnerships with contractors, businesses, community members, and other agencies; the county will continue to improve the infrastructure with the goal of enhancing and enriching the quality of life here on Hawai'i Island. “



*Mayor Harry Kim*

“Let's strive to be a community of trust based on transparency, excellent communication, and collaborative problem solving.”

# GREAT CONSULTANT PARTNERSHIPS



Do whatever it takes to get it right Able to meet tough deadlines  
**Good people. Easy to work with.**  
**They make sense** Easy to work with-not arrogant  
Solid and reputable  
**Reliable. Honest. Good Relationship**  
Open to different ideas No learning curve On time Responsive  
**Highly Collaborative**  
**They are the brightest people**  
Consistent high quality the first time  
They cover the details **Real professional**





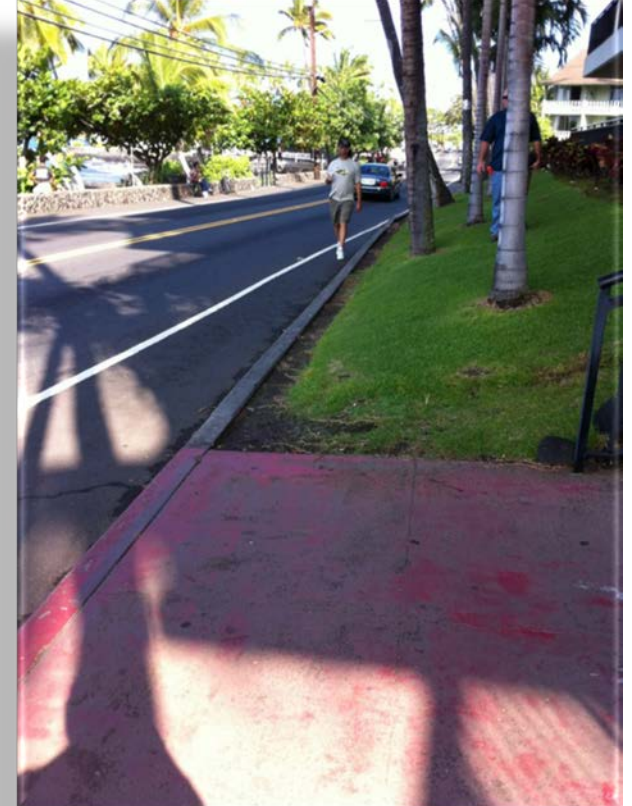
FUTURE  
PROJECTS  
WEST HAWAII

# WEST HAWAI'I PROJECTS FY 2016-2017 AND BEYOND

Projects design and construction	Amount
Ali'i Drive Shoulder Improvements	\$800,000
Ali'i Drive Culvert Replacement	\$11,000,000
<b>Ane Keohokāole Highway Phase III</b>	\$40,000,000
Henry Street Reconstruction (Palani Rd. to Queen K. Hwy.)	\$4,000,000
Kuakini Highway Widening, South <b>of Hualālai Road</b>	\$50,000,000
Lako Street Extension	Private Funding
<b>Māmalahoa Highway Widening (Mud Lane to Mānā Road)</b>	\$8,000,000
Nani Kailua Extension	\$4,000,000

# Ali'i Drive Shoulder Improvements

- ▶ Shoulder widening on the Mauka side of Ali'i Drive fronting Kona Islander Inn.
- ▶ NTP = June 2017
- ▶ Current Status: In the Rebidding process. Advertised bid date will be in April 2017.  
(1<sup>st</sup> round of bids came in too high)



# Ali'i Drive Culvert Replacement

- ▶ Replacing the functionally obsolete Ali'i Drive culvert with a new bridge.
- ▶ STIP: Qualifies for 80% FHWA funding
- ▶ NTP = March 2018
- ▶ Current status: In planning and design process. Compiling plans specs and estimates.



# Ane Keohokālole Highway Phase III

- ▶ Extending Ane Keohokālole Highway from Hina Lani Street to Ka'iminani Drive.
- ▶ NTP = December 2020
- ▶ Current Status: In the consultant selection process.




# Henry Street Reconstruction (Palani Rd. to Queen Ka'ahumanu Hwy.)

- ▶ Roadway reconstruction from Palani Road to the Queen Ka'ahumanu Highway. A left turn pocket (left turn onto Henry St.) will be installed at the Palani Rd. and Henry St. intersection.

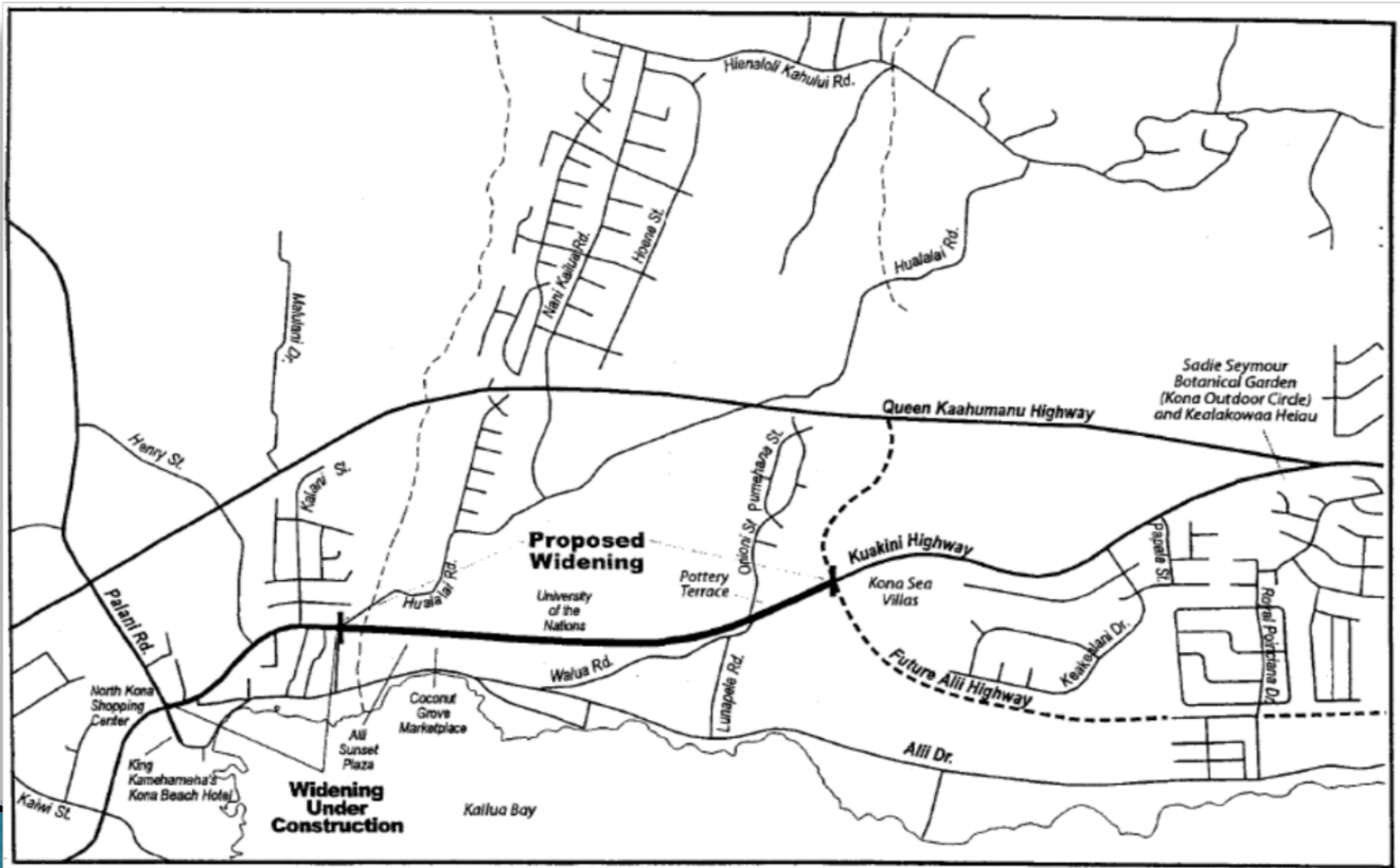
- ▶ NTP = TBA
- ▶ Current status: In design phase.



# Kuakini Highway Improvements – Phase II

- ▶ Currently in Environmental Assessment Phase
  - ▶ Design Cost: \$1,500,000
  - ▶ Estimated Construction Cost, Part A, \$16,000,000
  - ▶ STIP: Qualifies for 80% FHWA funding
  - ▶ Project consists of widening Kuakini Highway from Hualālai Road to the intersection of the proposed Ali'i Highway, drainage improvements, and enhancements to pedestrian and bicycle facilities.
- 

# Kuakini Highway Improvements - Phase II



# Lako Street Extension

- ▶ Developer wants to construct the roadway. A round-a-bout at the future Ali'i Drive and Lako Street intersection. Developer is working with the county to implement “complete streets” design.
- ▶ NTP = 4<sup>th</sup> Quarter of 2017
- ▶ Current Status: In design phase.



# Māmalahoa Highway Widening (Mud Lane to Mānā Road)

- ▶ Currently in CIP and FFY 2017 STIP; and consultant designing.
- ▶ Preliminary Engineering Cost: \$1,600,000
- ▶ Estimated Construction Cost \$8,000,000
- ▶ STIP: Qualifies for 80% FHWA funding.
- ▶ Project consists of widening the Māmalahoa Highway at 18 major intersections; with left-turn pockets and drainage improvements.





# Nani Kailua Extension

- ▶ Construct a new mauka to makai connector roadway between Ali'i Drive and Kuakini Highway. Sidewalks and bike lanes will be included.
- ▶ NTP = February 2018
- ▶ Current Status: In design phase.





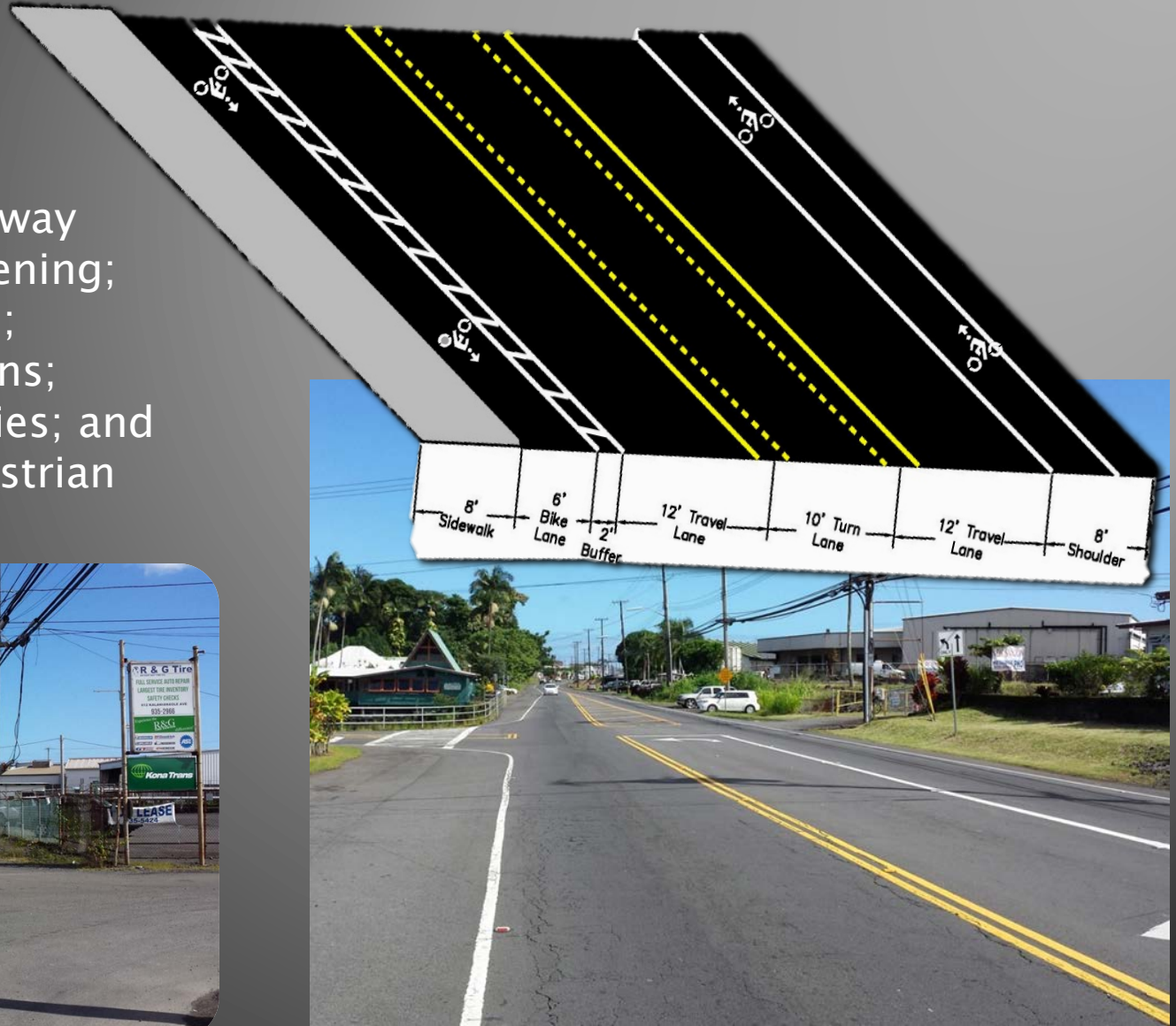
# FUTURE PROJECTS (East Hawai'i)



Projects design and construction	Amount
Kalaniana'ole Avenue Reconstruction	\$12,000,000
<b>Waiānuenue Avenue Roadway</b> Reconstruction (Kamehameha Ave. to Hilo Hospital)	\$26,000,000
<b>Waiānuenue Avenue Safety Improvements</b>	\$12,500,000

# Kalaniana'ole Avenue Reconstruction

- ▶ In Bidding Process
- ▶ Estimated Construction Cost: \$12,000,000
- ▶ Project consists of roadway reconstruction and widening; drainage improvements; property/driveway tie-ins; adjusting existing utilities; and enhancements for pedestrian and bicycle facilities.



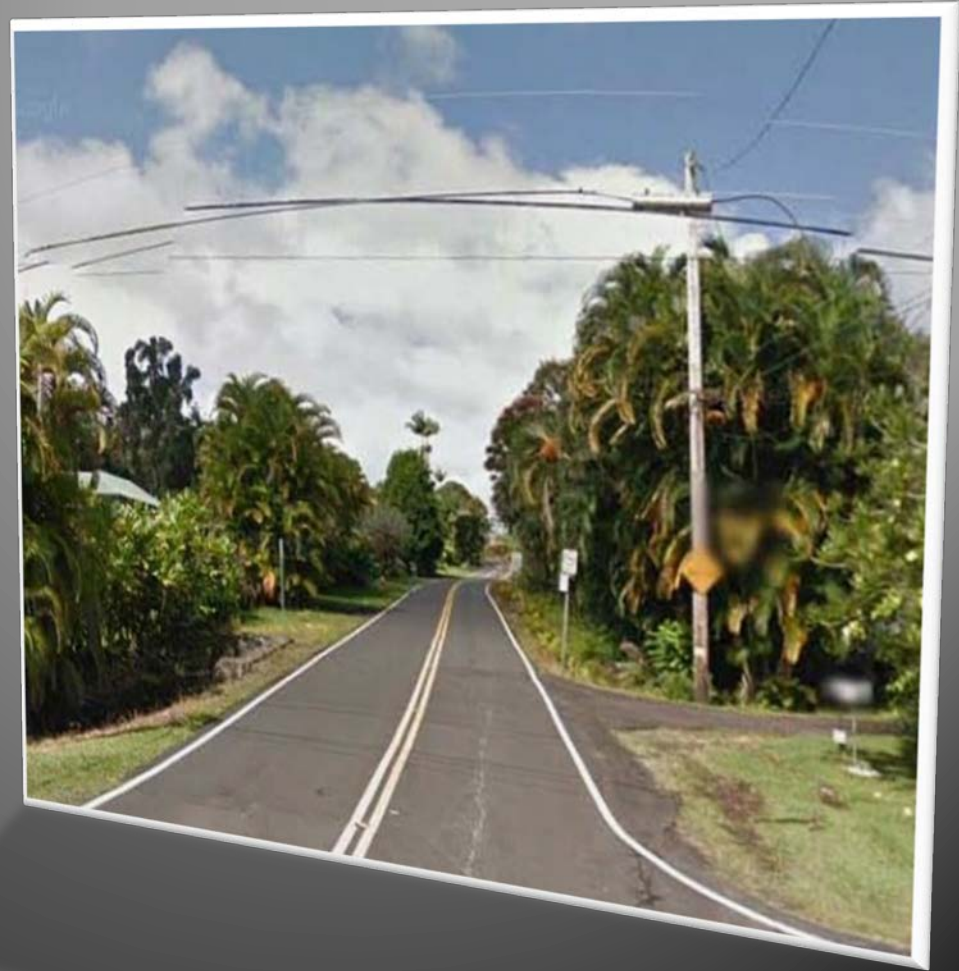
# Kalaniana'ole Avenue Reconstruction



## LOCATION MAP

# Waiānuenue Avenue Safety Improvements

- ▶ Planning Phase
- ▶ Estimated Construction Cost: \$12,500,000
- ▶ 80% FHWA funds
- ▶ Project consists of Right of Way acquisition; reconstructing roadway; drainage improvements; property/driveway tie-ins; relocating existing utilities; and enhancements for pedestrian and bicycle facilities.



# Waiānuenu Avenue Safety Improvements



Hilo Hospital

Waiānuenu Ave

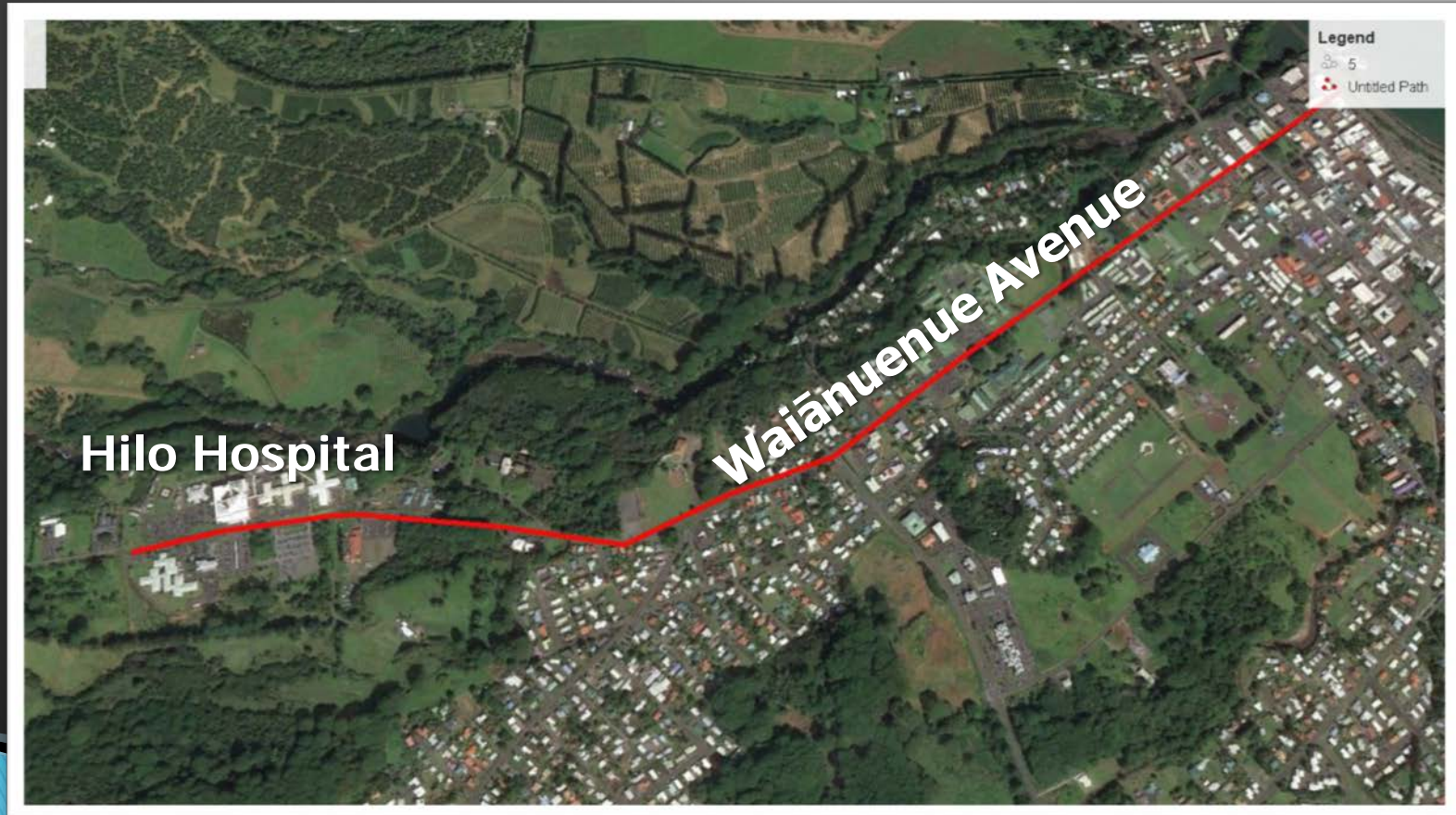
Akolea Rd.

LOCATION MAP

# Waiānuenue Avenue Roadway Improvements

(Roadway Reconstruction of Waiānuenue Ave. from Kamehameha Ave. to Hilo Hospital)

- ▶ In-House Design Phase
- ▶ Estimated Construction Cost: \$26,000,000
- ▶ 80% FHWA funds



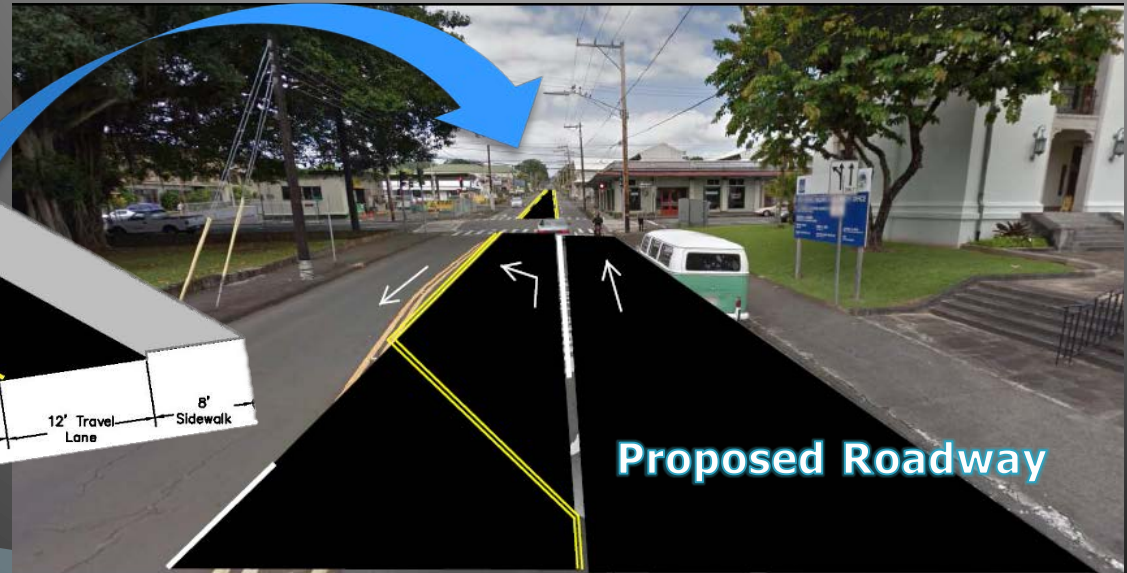
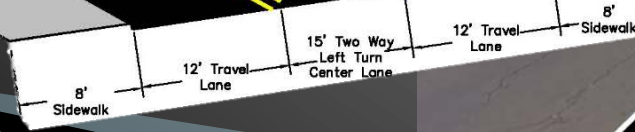
# Waiānuenue Avenue Roadway Improvements

(Roadway Reconstruction of Waiānuenue Ave. from Kamehameha Ave. to Hilo Hospital)

- ▶ In-House Design Phase
- ▶ Estimated Construction Cost: \$26,000,000
- ▶ 80% FHWA funds



Cross-section of Roadway



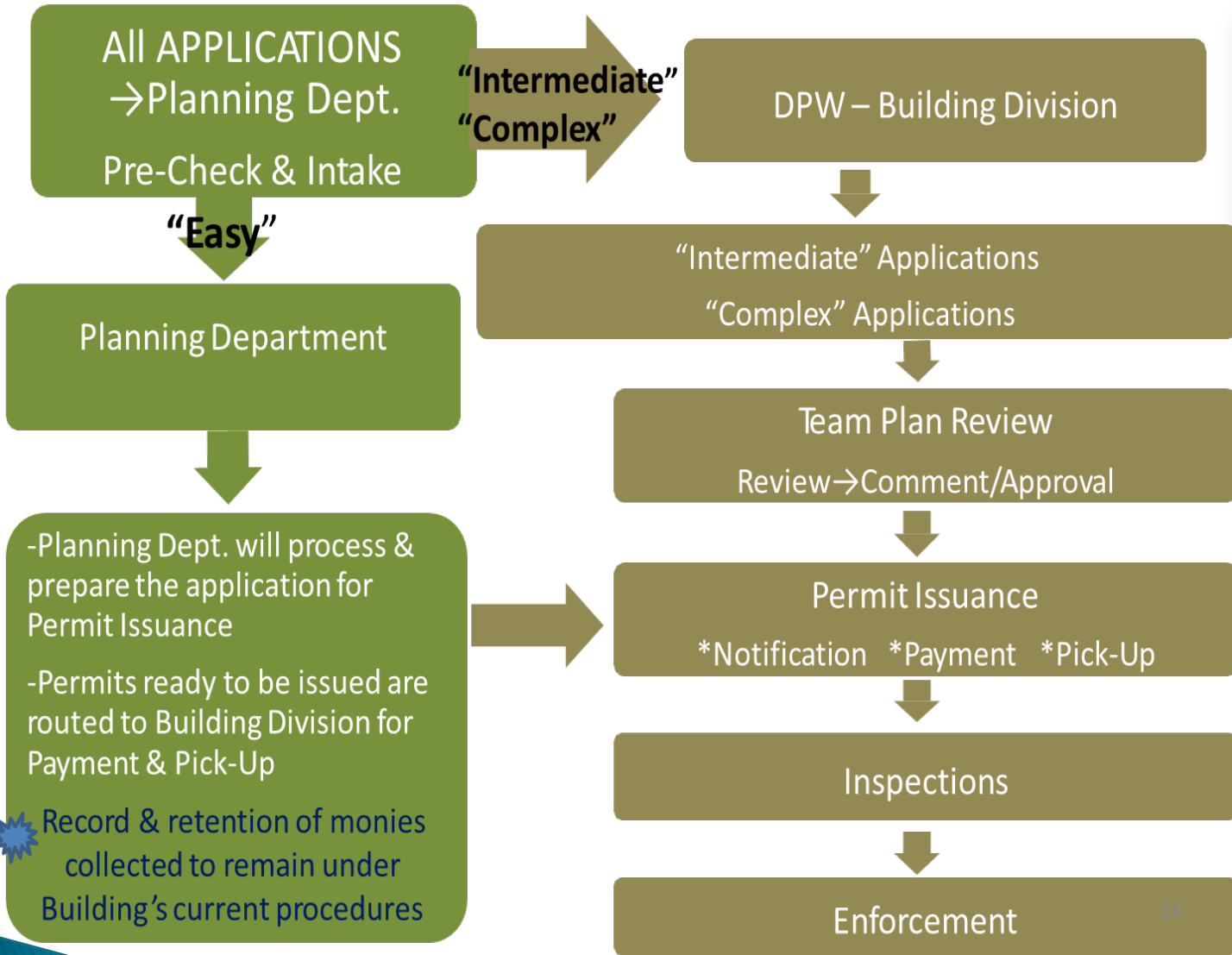


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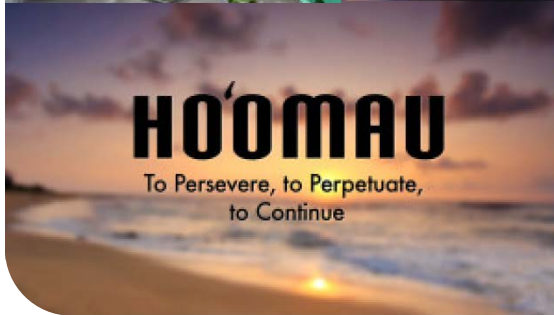
**TOGETHER BUILDING A BETTER ISLAND OF HAWAI'I**



Continuously striving to improve the quality of our services and efficiency for the people of the Hawai'i County.



**Predictability that a project is able to move forward and keep on schedule is key in the construction industry where timetables affect everything from financing, delivery of materials, quality of work and even the health and safety of workers.**



“We live in one of the most beautiful and pristine places on earth. Let’s plan our communities together wisely to protect the environment and plan for the future of our kamali’i (children).”



*Mayor Harry Kim*