

The Department of Public Works County of Hawai'i Roads.



March 2, 2017

Mission Statement

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



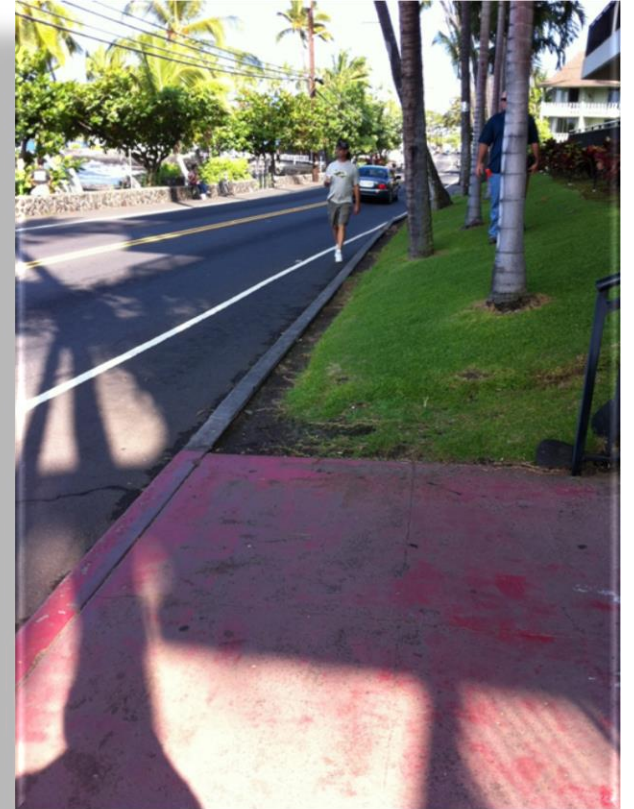
FUTURE
PROJECTS
WEST HAWAII

WEST HAWAII PROJECTS FY 2016-2017 AND BEYOND

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

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.
(1st round of bids came in too high)



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.



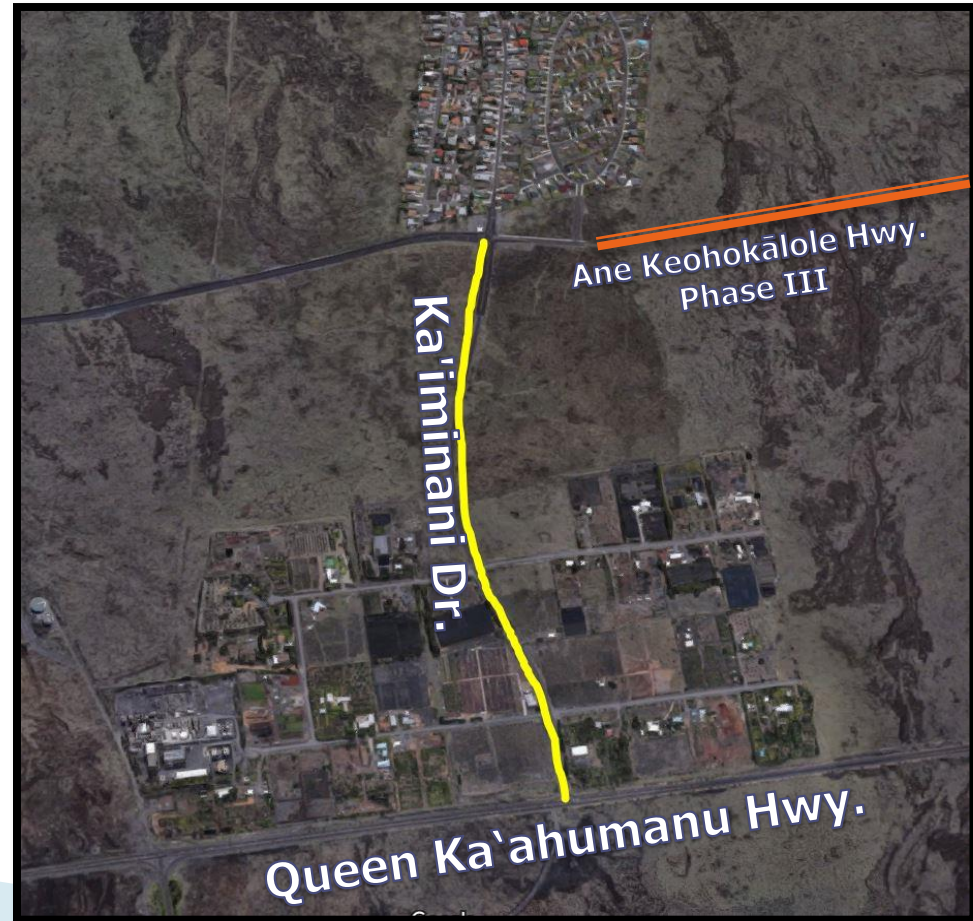
Ane Keohokālole Highway Phase III

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



Ka'iminani Drive Phase III

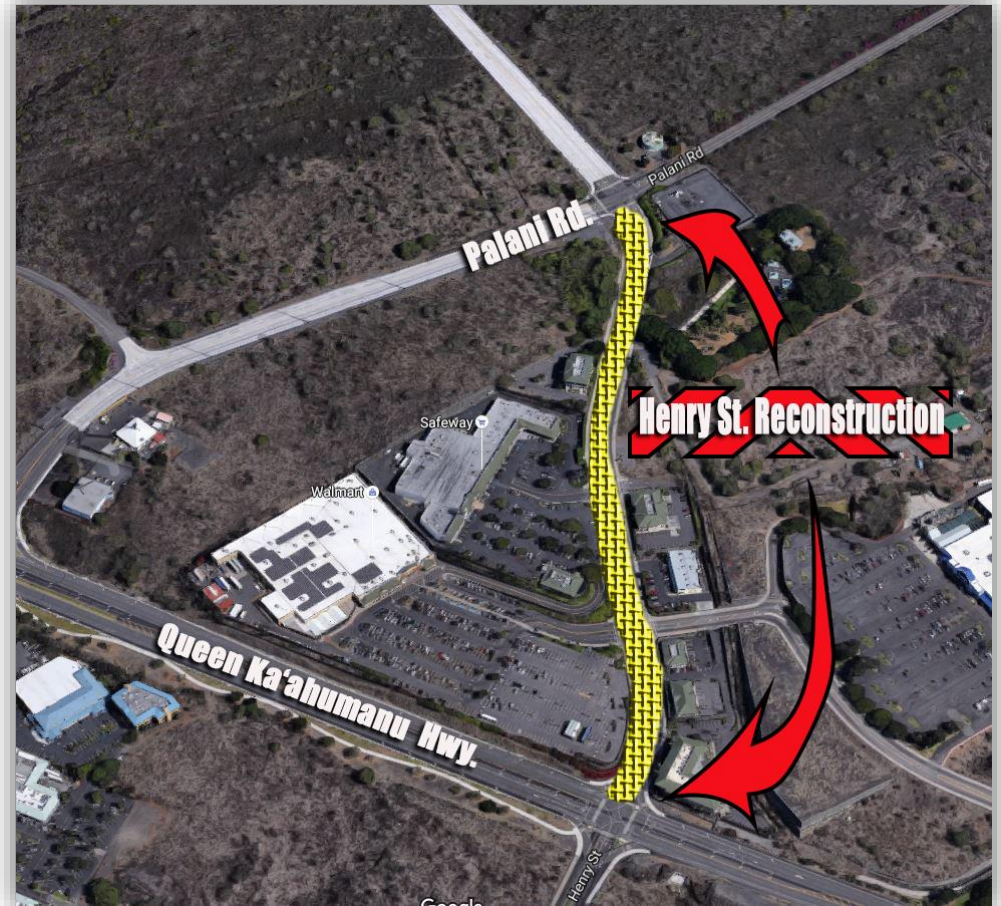
- ▶ Roadway improvements/resurfacing from planned intersection of Ka'iminani Dr. with Ane Keohokālole Hwy. to the Queen Ka'ahumanu Hwy.
- ▶ NTP = June 2017



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.



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.




Lako Street Extension

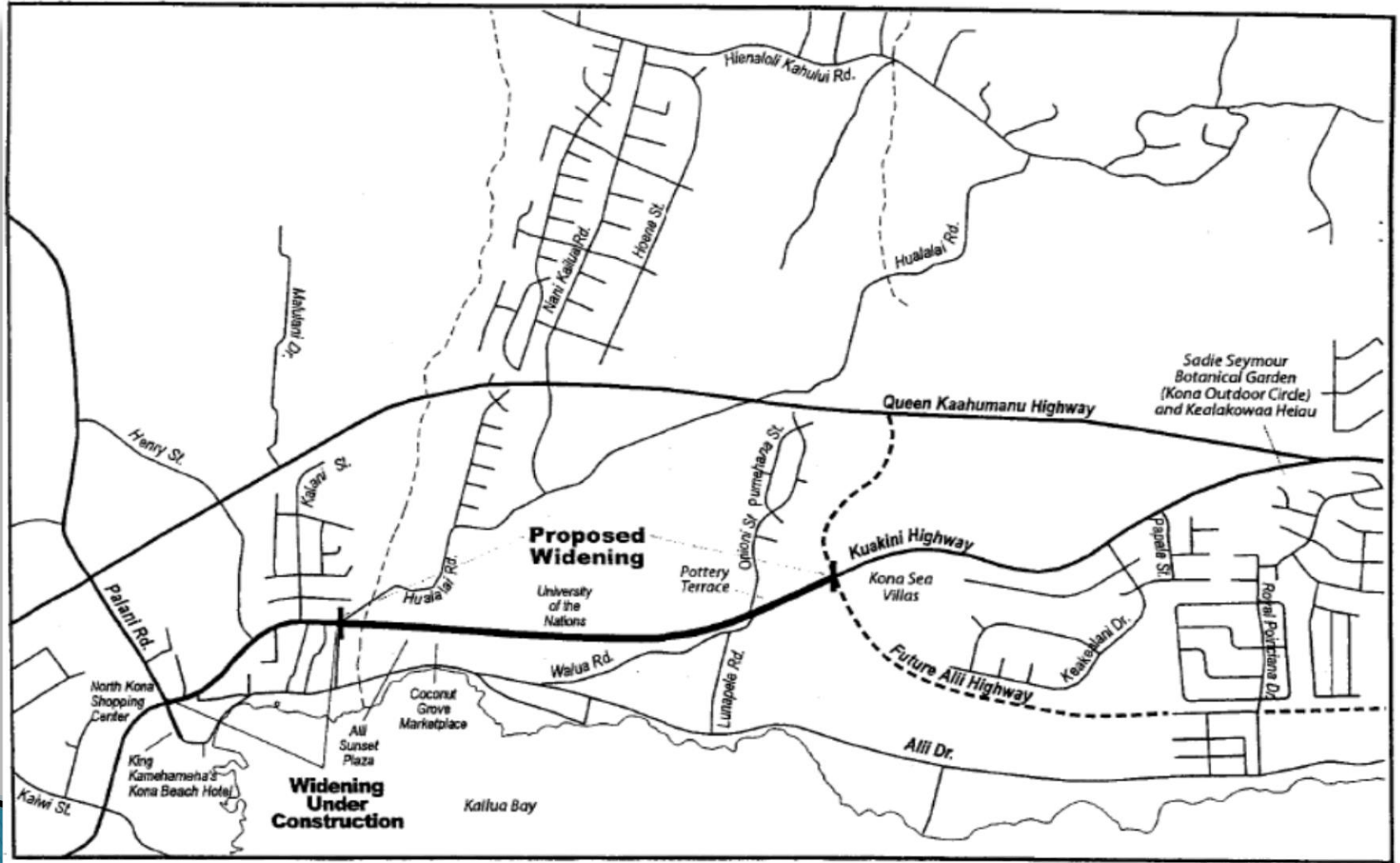
- ▶ Developer wants to construct the roadway. A round-a-bout at the future Ali'i Drive and Lako Street intersection. Developer is working with the county to implement “complete streets” design.
- ▶ NTP = 4th Quarter of 2017
- ▶ Current Status: In design phase.



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.
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Kuakini Highway Improvements - Phase II



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.



Roadway Resurfacing and Improvements



Hōlualoa



Waikoloa Shoulder
Improvements



The construction of nine foot asphalt concrete shoulders on both sides of the Waikoloa Road, from Highway 190 to Queen Ka'ahumanu Highway.



► *Roadway Resurfacing
and
Improvements*



▶ Roadside Maintenance – Sidewalks

Waikoloa Village Sidewalk – “Before”



Waikoloa Village Sidewalk – “After”

Highway Maintenance

North Kona Roads Paved

FY 15-16	FY 16-17
Māmalahoa Hwy - Palani junction to Onizuka Store	Kealakaa - old intersection to Uluaoa St

South Kona Roads Paved

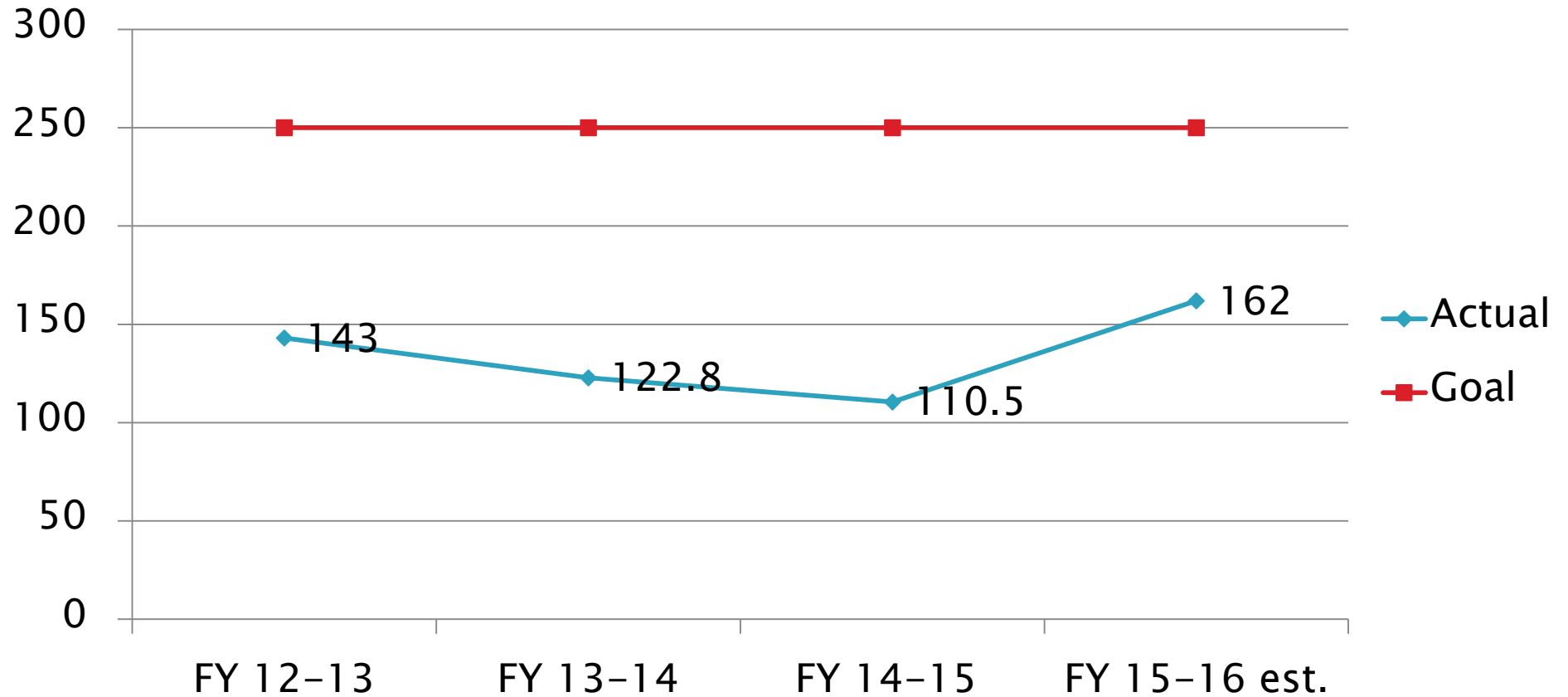
FY 15-16	FY16-17
Nāpo'opo'o Rd - Coffee mill to end	Coffee Mill (continuation)

Highway Maintenance

North & South Kohala Roads Paved

FY 15-16	FY 16-17
<u>South Kohala</u>	<u>South Kohala</u>
Kahilu	Puunani - Hwy 19 to Puu Nanea
Pu'uhuluhulu	Waikoloa - horsestable to 6.5 m
	<u>North Kohala</u>
	Kynnersley - Rubbish dump Rd to East
	Lindsey (kaauhuhu Rd) - Hawi to first
	turn

Traffic Division Restriping miles



SPEED HUMP INSTALLATIONS

Fiscal Year	No of speed humps installed
2004-2005	6
2006-2007	6
2007-2008	4
2008-2009	22
2009-2010	79
2010-2011	28
2011-2012	0
2012-2013	42
2013-2014	78*
2014-2015	9
2015-2016	47

* Includes Huina Rd., Enos Rd., N. Kulani Rd., Baker Ave., Pua Ave., Todd Ave., Waiea Pl., Haaheo Rd., Uhaloa Rd., Ahuna Rd., Holoholo St., Kakahiaka St., Kuuleialoha Cir., Kololia St., Uluwai St., Kaleiopapa St., Wainaku St., Old Mamalahoa Hwy., Iwalani St., Maunakai St., Mahilani Dr., and Konawaena School Rd.



LED Streetlight Conversion

The Traffic Division converted 11,926 LPS streetlights with LED lighting as of February 3, 2017. All streetlights on the county ROW have been converted.



Residential

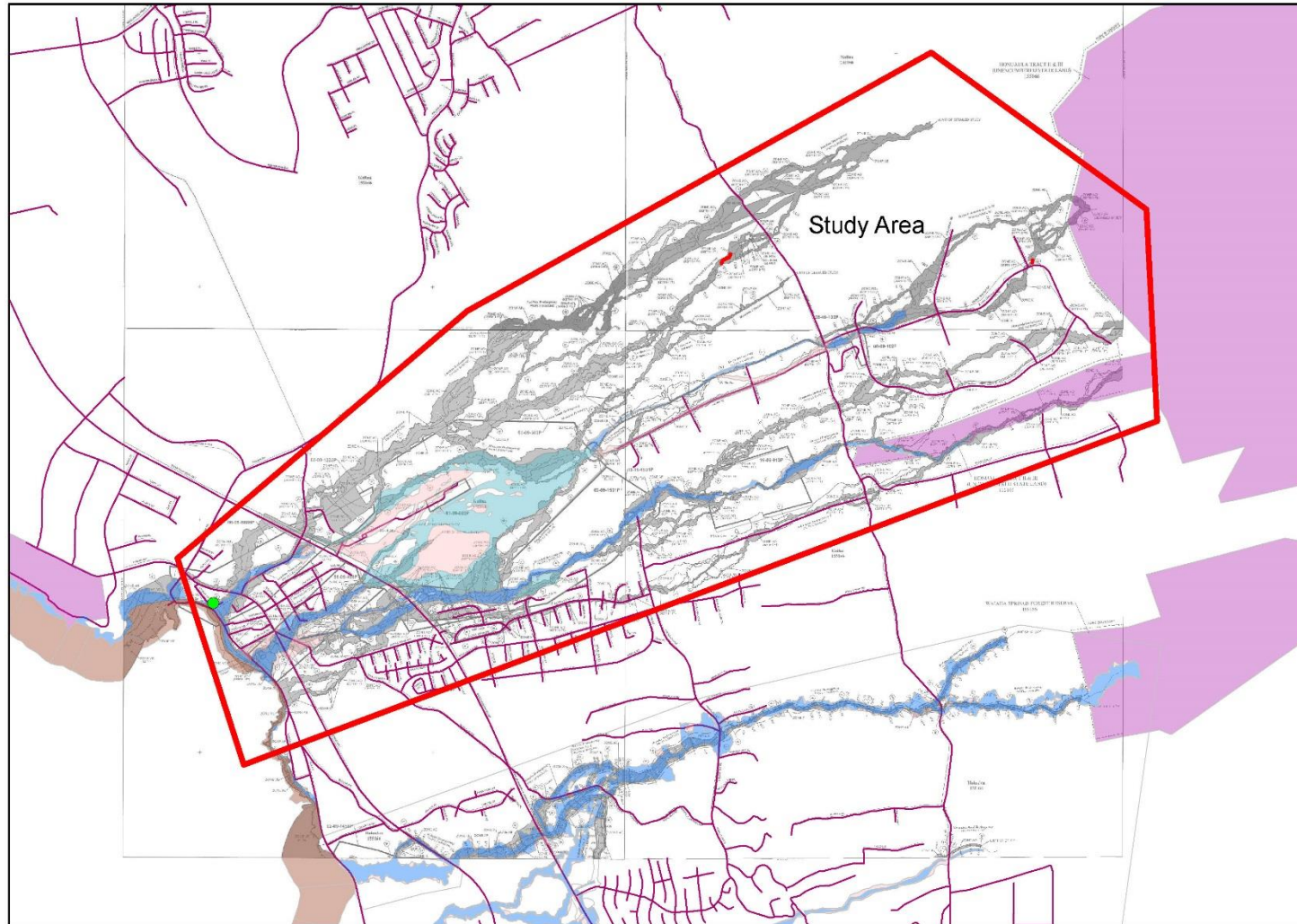


Highway



Kamehameha Avenue/Manono Street

KEOPU-HIENALOLI FLOOD STUDY



CLR 9/24/2015

0 1,150 2,300 4,600 6,900 9,200
Feet

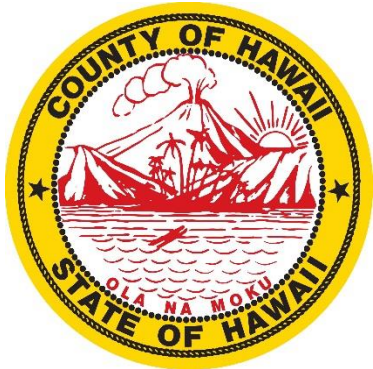
2015 PRELIMINARY DFIRM
& KEOPU-HIENALOLI FLOOD STUDY





Department of Public Works
ISLAND OF HAWAII

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 Kona-Kohala
CHAMBER OF COMMERCE

