

# Hamakua Drive Bicycle Improvements

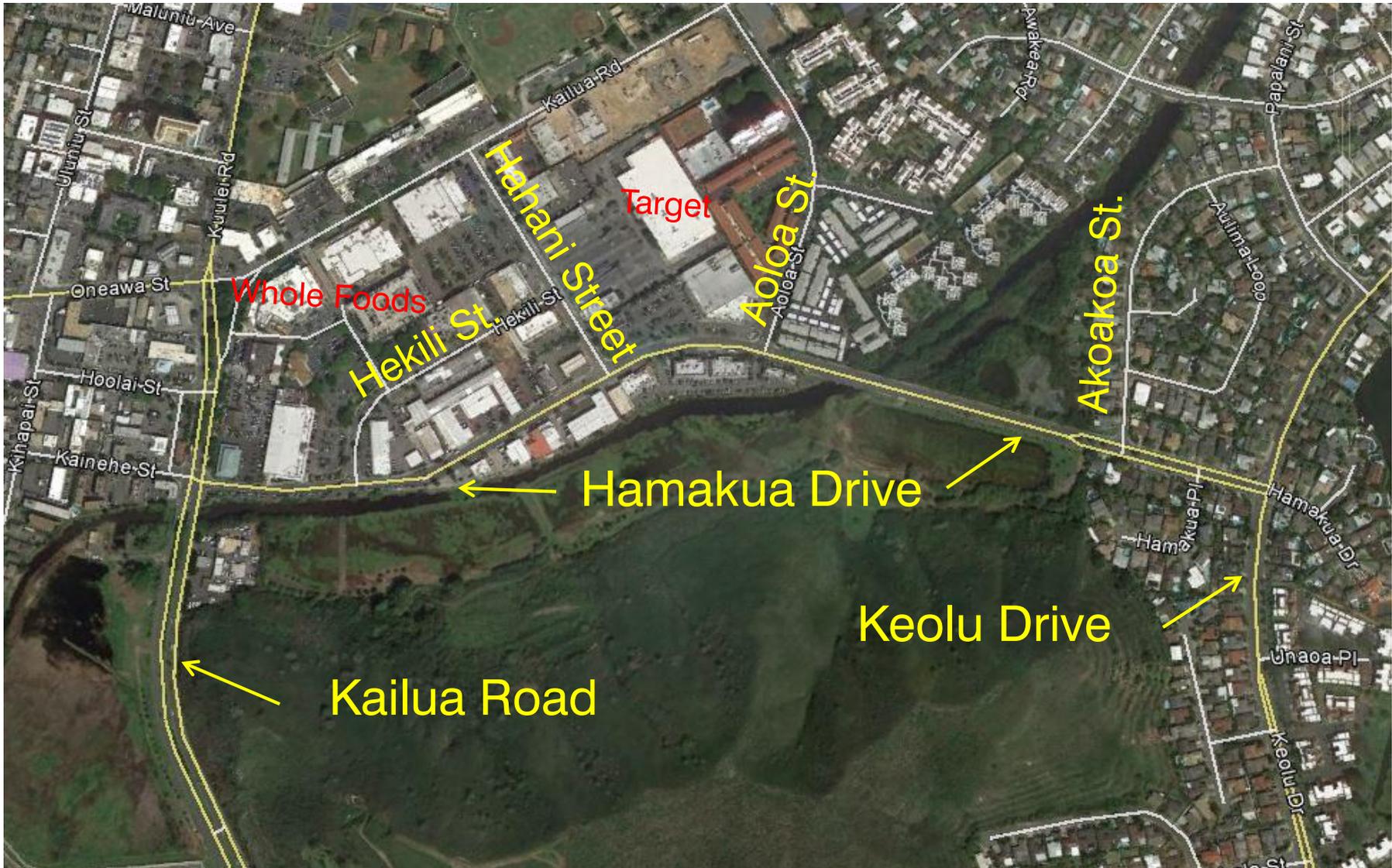
Community Informational Meeting

Kailua Community Center

March 1, 2016



# Hamakua Drive Project Corridor



# O'ahu Bike Plan





# Part of a Greater Network



# O'ahu Bike Plan

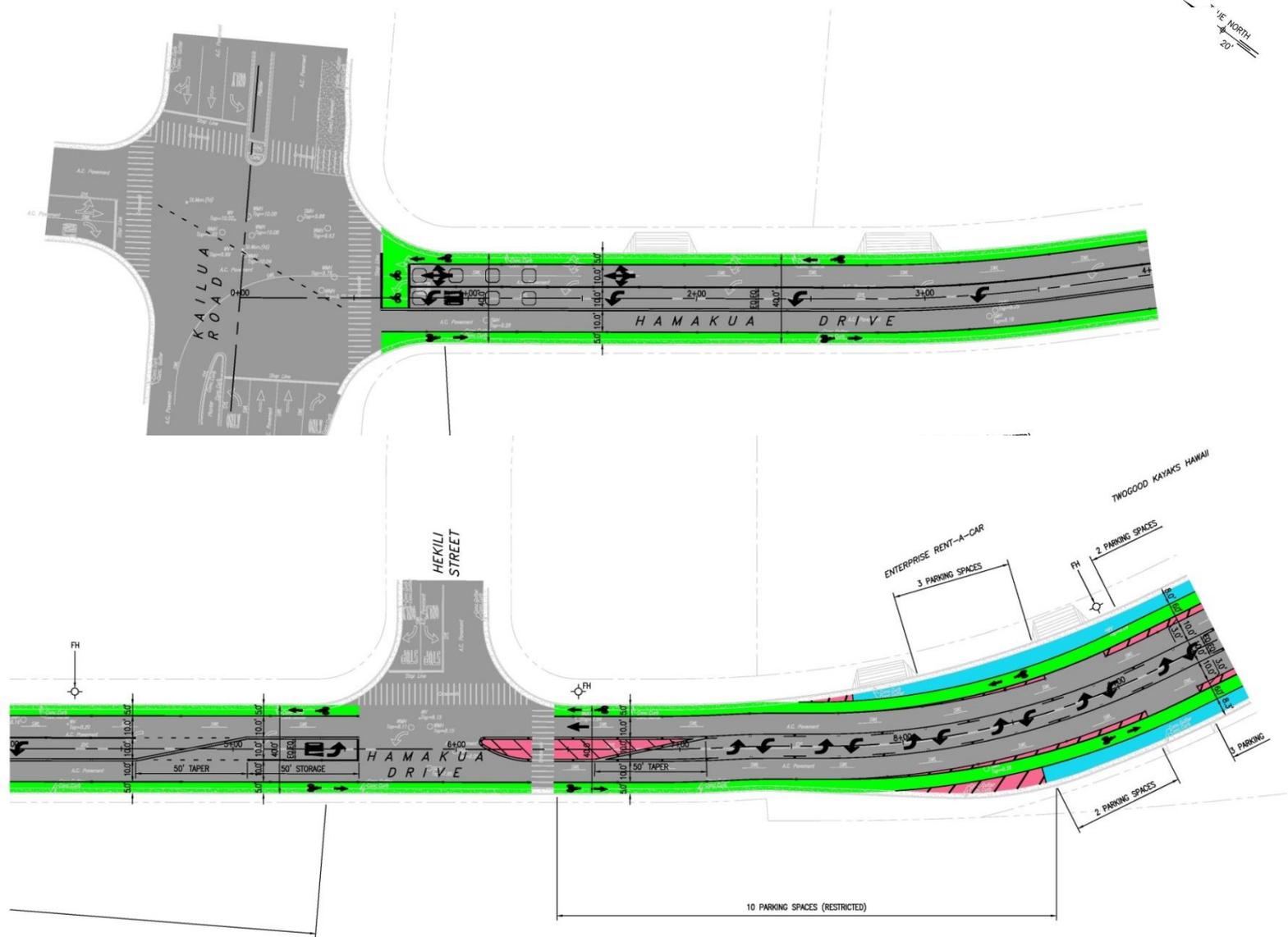
## Priority 1 Projects

Table 5: Priority 1 Projects

Code	Name	Description	Type	Owner	Length (miles)	Cost** (1000s)	DP Area
1-1	Central O'ahu Regional Park	Kamehameha Highway to Paiwa Street	P	C	0.95	\$734	CO
1-2*	Lanikūhana Avenue	South end of Meheula Parkway to Mililani Shopping Center	R	C	2.64	\$132	CO
1-3	Leeward Bikeway (Phase 1)	Waipi'o Point Access Road to Hawaiian Railroad Society Train Station	P	S	5.99	--	CO
1-4*	Waipi'o Point Access Road (Southern Section)	Pearl Harbor Bike Path to Waipi'o Soccer Park	P	C	0.72	UC	CO
1-6*	Wailua Street	Hawaii Kai Drive to Lunalilo Home Road	L	C	0.37	\$42	EH
1-7*	Kapolei Parkway	Fort Barrette Road to Keone'ula Boulevard	L	C	4.10	\$472	'Ewa
1-8	Kualaka'i Parkway	H-1 Freeway to Keone'ula Boulevard	L	S	4.37	--	'Ewa
1-9	Kamehameha Hwy. (Ko'olauloa)	'O'opuola St. to Waiāhole Valley Road	R	S	25.25	--	KL
1-10*	Hāmākua Drive	Keolu Drive to Kailua Road	L	C	0.79	\$486	KP
1-11*	Kailua - Lanikai Connector	South Kalaheo to Kawailoa Rd. to Mokulua Dr.	R	C	0.82	\$41	KP
1-12*	Kailua Road (Eastern Section)	Wana'ao Road to South Kalāheo Avenue	L	C	0.84	\$97	KP
1-13*	Kailua Road (Western Section)	Ku'ulei Road to Hahani Street	R	C	0.21	\$11	KP
1-14*	Kalāheo Avenue	Kāne'ohe Bay Drive to Kailua Road	R	C	2.12	UC	KP
1-15	Kalaniana'ole Highway (Kailua)	Kailua Road to Olomana Golf Course	R	S	2.51	--	KP



# Kailua Road to East of Hekili Street



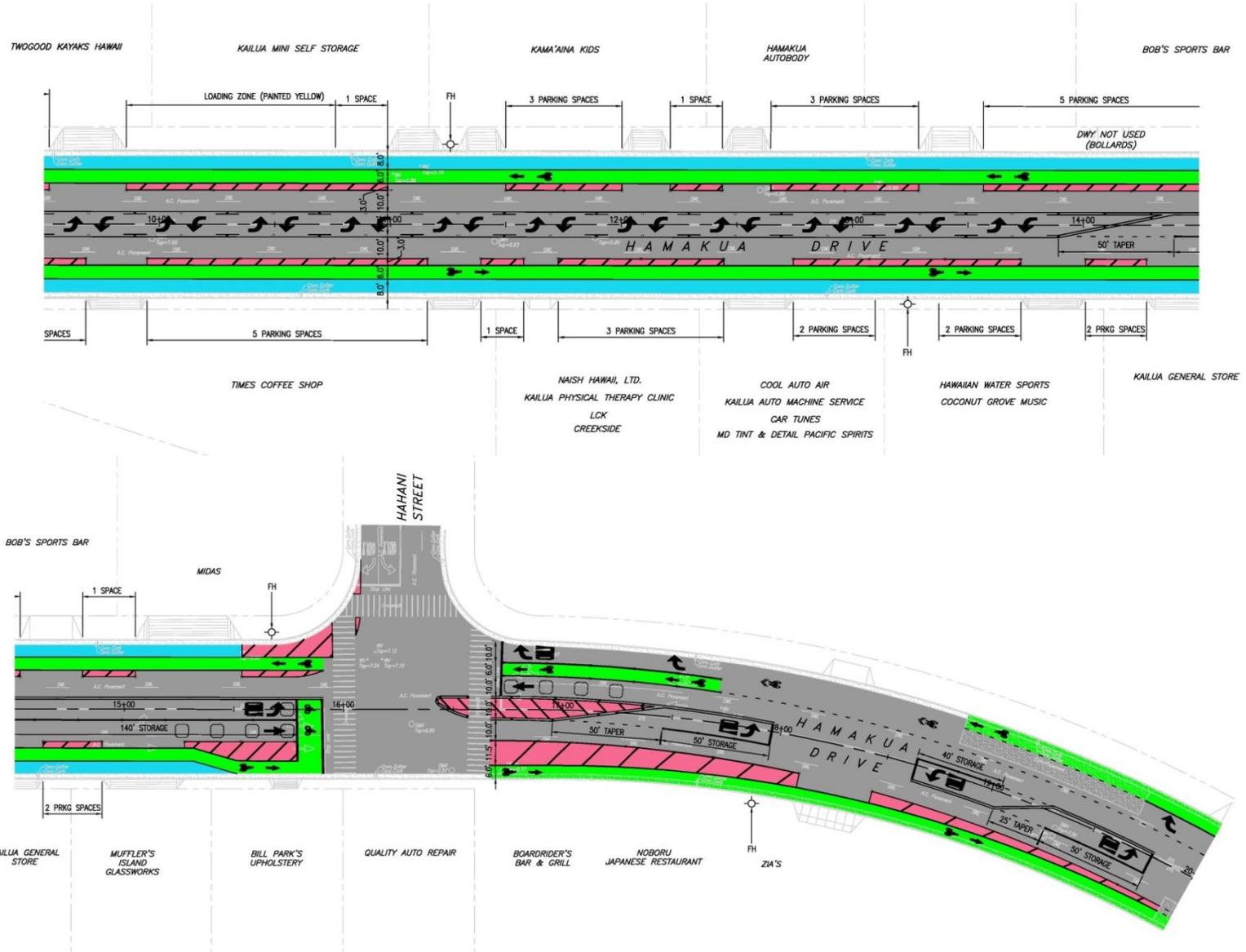
# Hamakua Drive: Kailua Road to Hekili Street



# Hamakua Drive: On-Street Parking - Kailua Road to Hekili Street



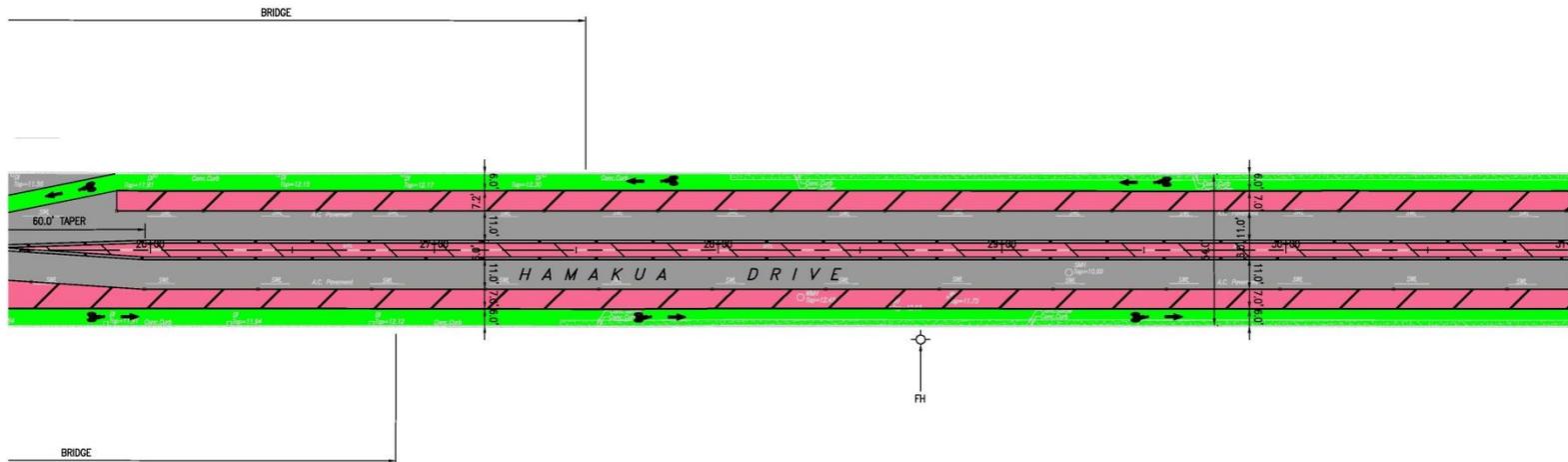
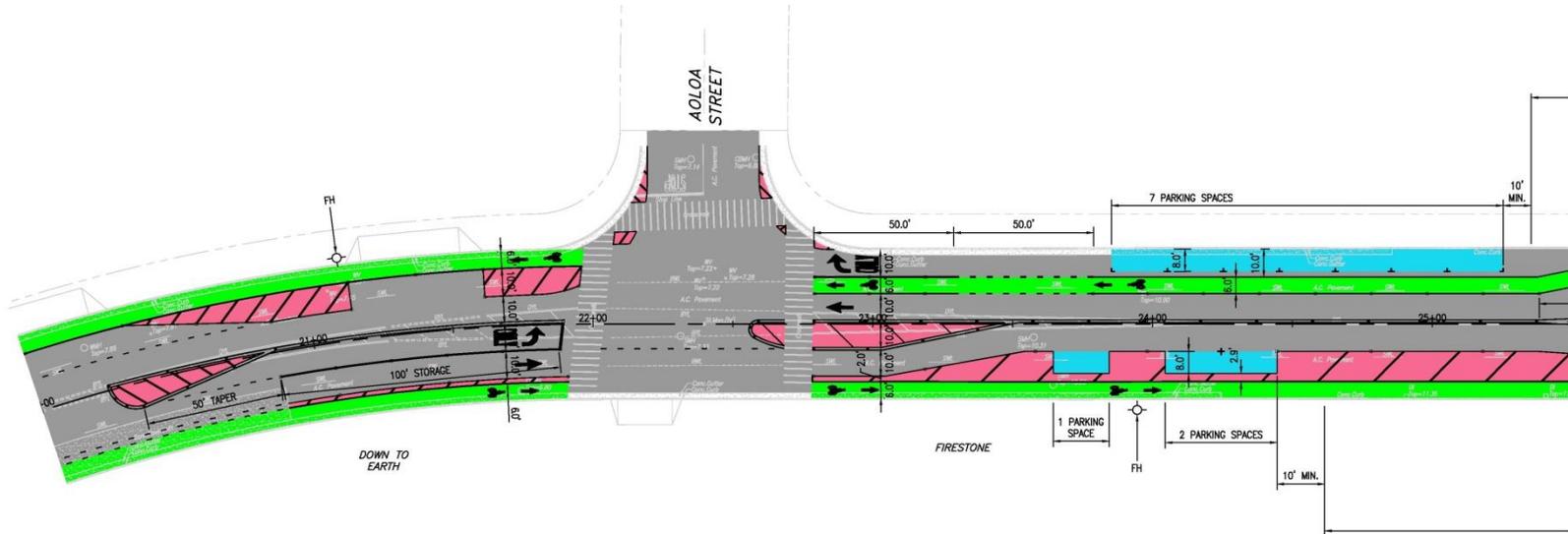
# Hekili Street to Hahani Street



# Hamakua Drive: Hahani Street Intersection



# Hahani Street to East of Aoloa Street



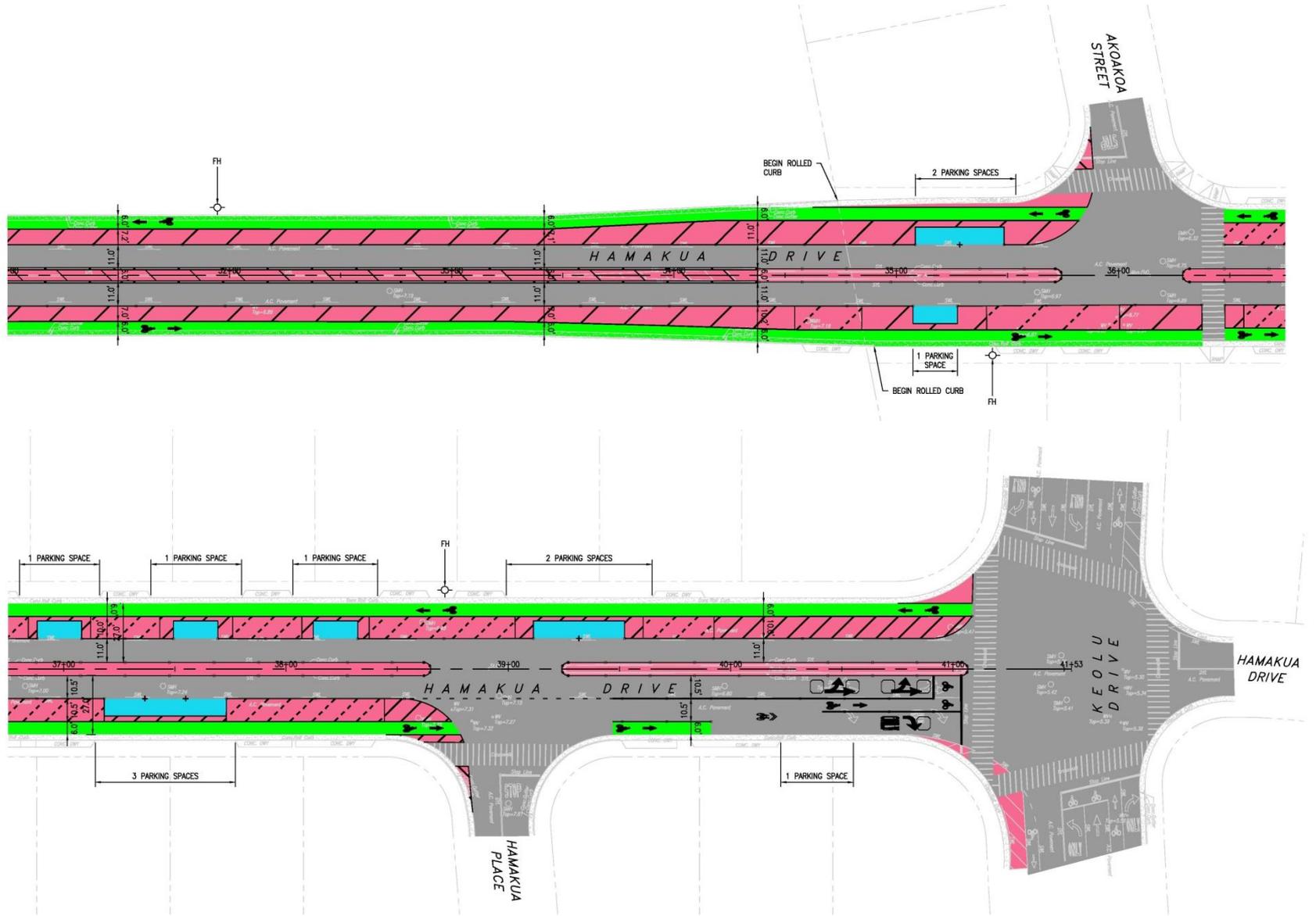
# Hamakua Drive: Aoloa Street Intersection



# Hamakua Drive: Between Aoloa and Akoakoa Intersections



# East of Aoloa Street to Keolu Drive



# Hamakua Drive: At Keolu Drive

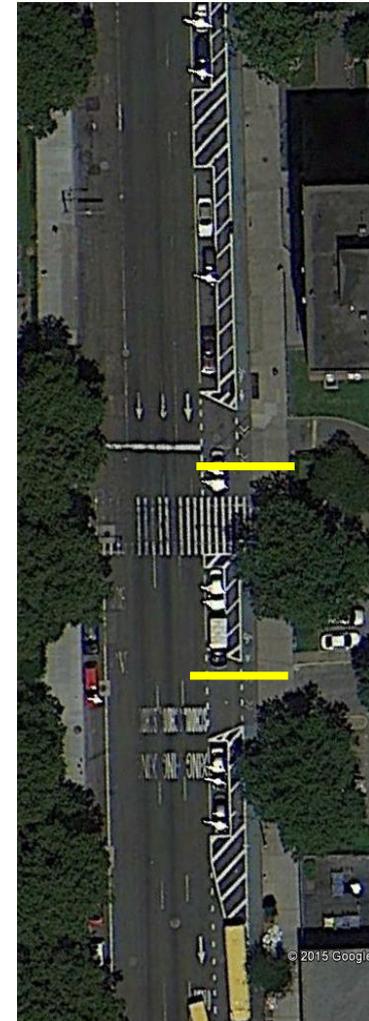


# Examples of On-Street Parking with Separated Bike Lanes

1<sup>st</sup> Ave and 99<sup>th</sup> St - NYC



2<sup>nd</sup> Ave and 115<sup>th</sup> St - NYC



# Examples of On-Street Parking with Separated Bike Lanes

Dearborn /E Congress - Chicago:  
example of painted bump out



Broadway /Sunnyside - Chicago



# Examples of On-Street Parking with Separated Bike Lanes

## Broadway and Atlantic – Long Beach, CA



# Examples of On-Street Parking with Separated Bike Lanes

## Broadway, Madison to Pine - Seattle



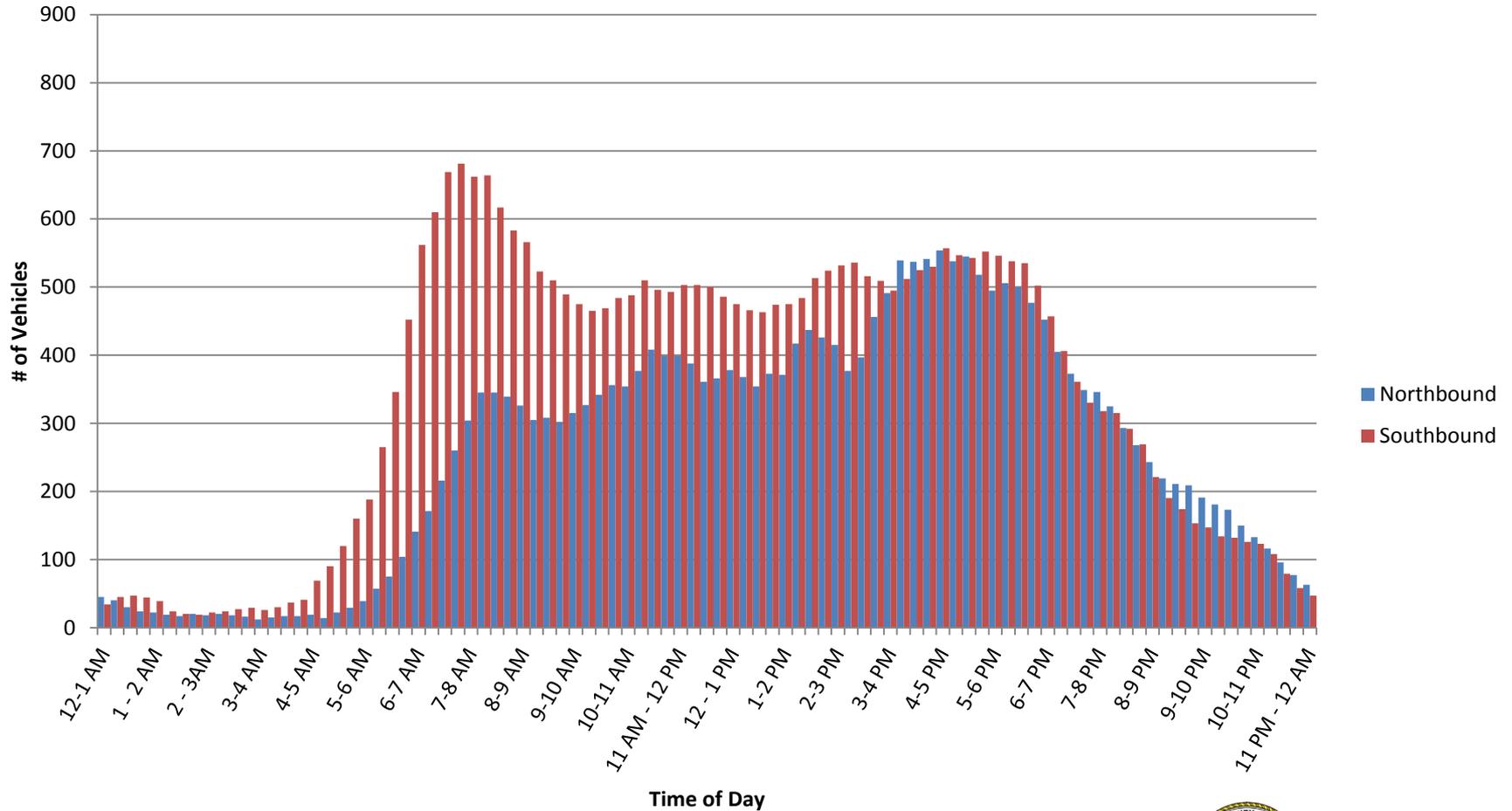
## Broadway, Union to Pike - Seattle



# Existing Traffic Volumes on Hamakua Drive

## Kailua Road End of Hamakua Drive

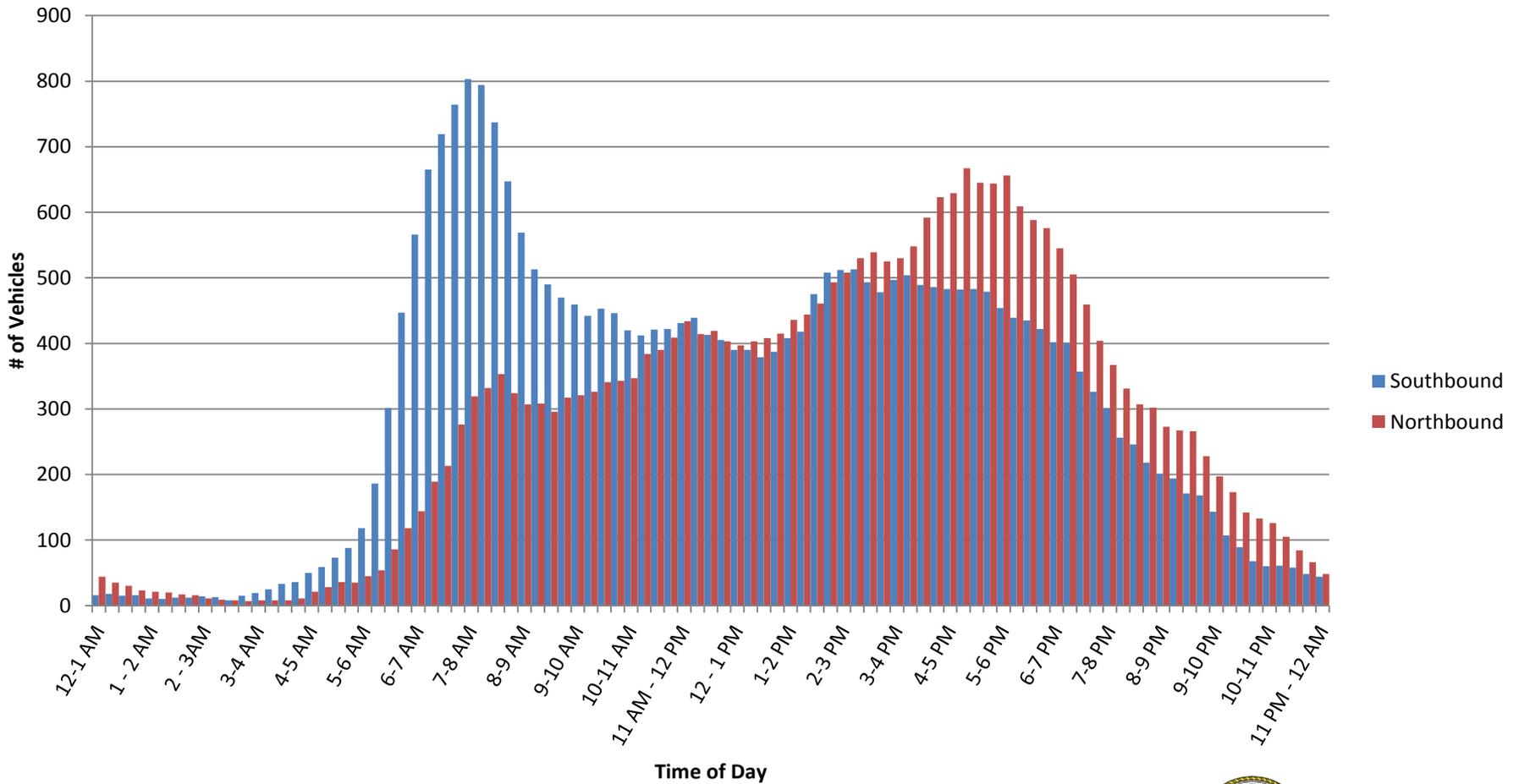
### Hamakua Dr - S of Kailua Rd



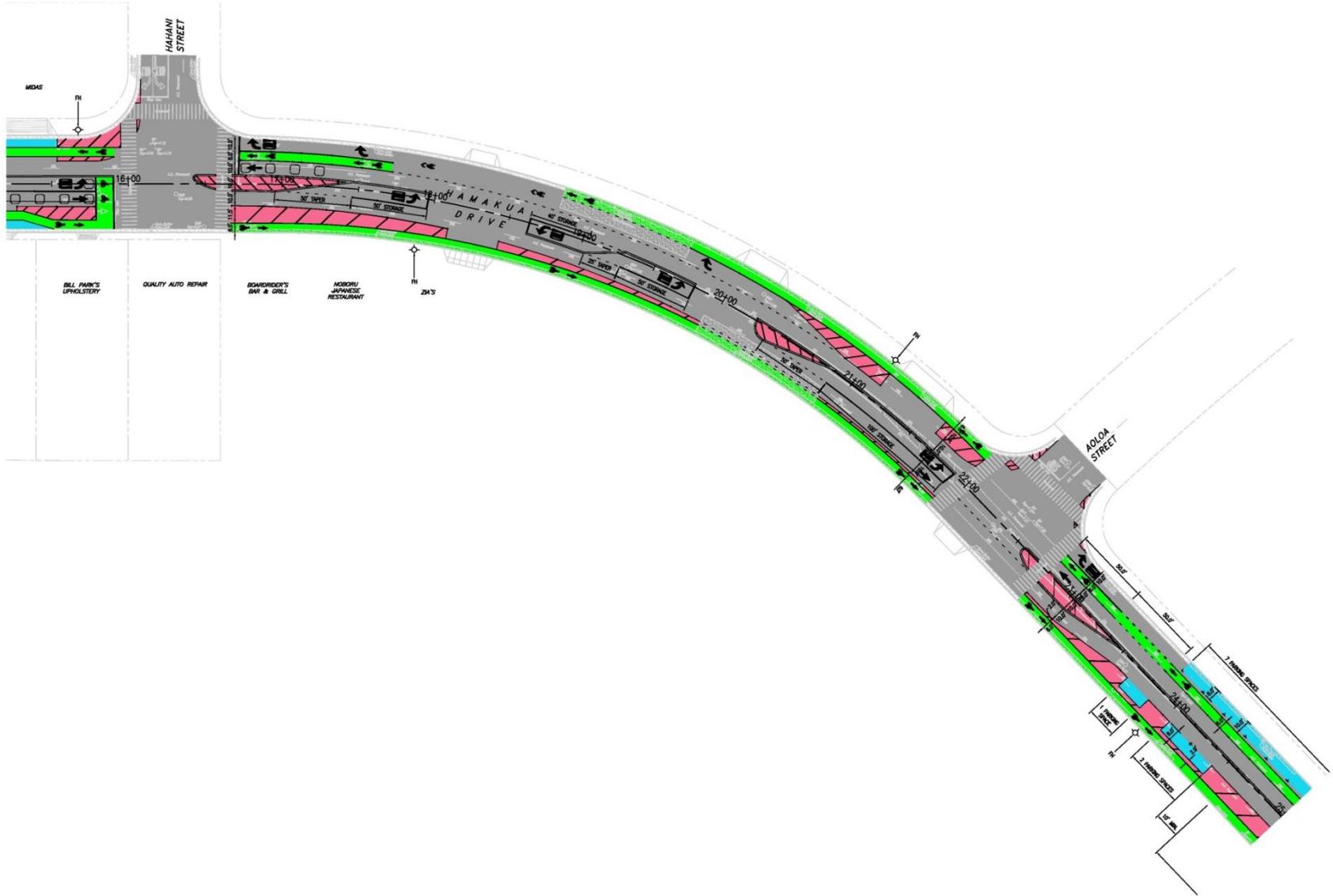
# Existing Traffic Volumes on Hamakua Drive

## Enchanted Lakes End of Hamakua Drive

### Hamakua Dr at Akoakoa

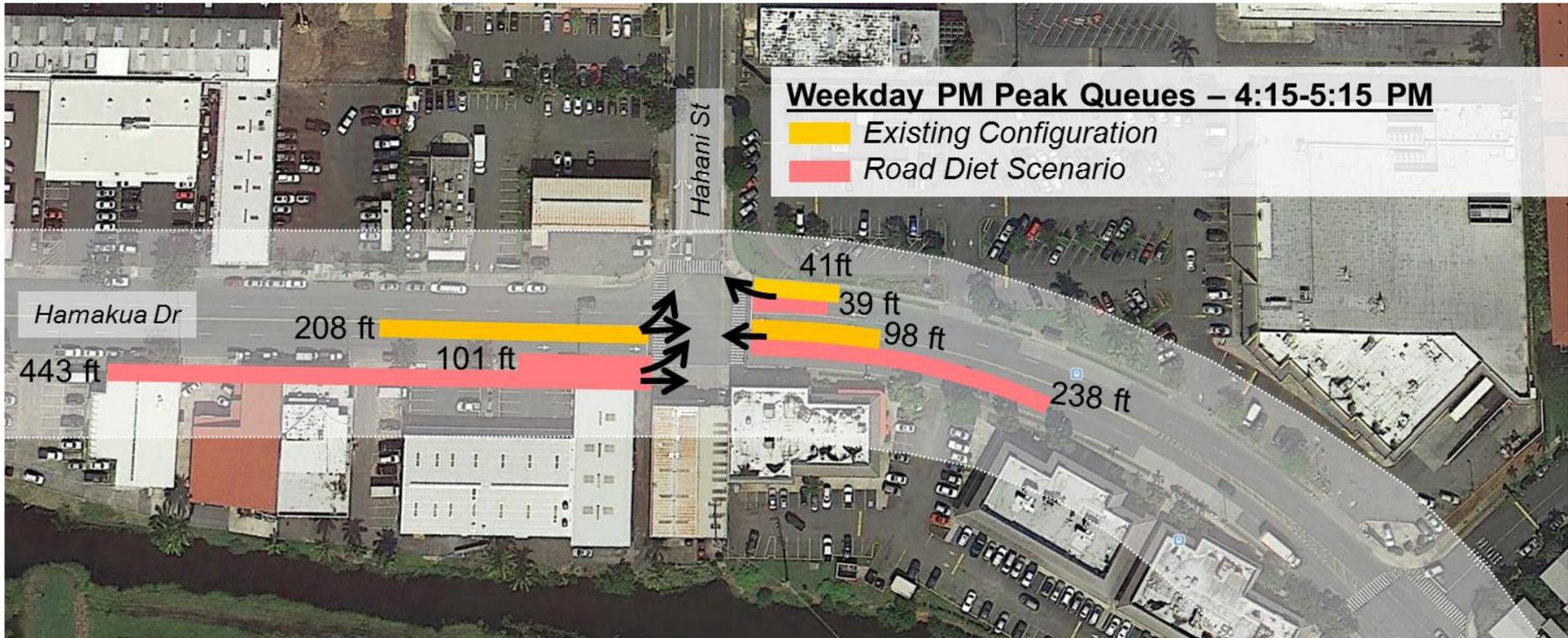


# Hamakua Drive: Hahani Street to Aoloa Street



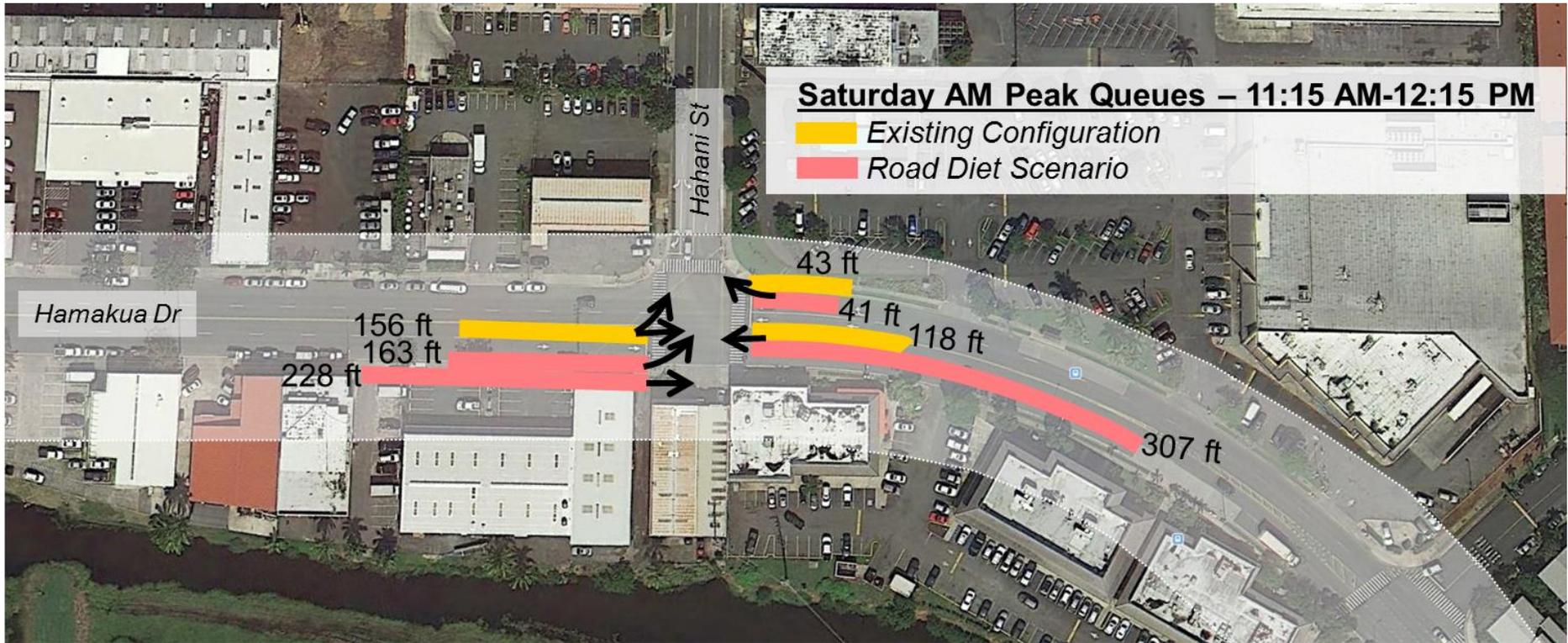
# Projected Traffic Queues at Hamakua/Hahani Intersection

## Weekday PM Peak Hour (4:15 PM – 5:15 PM)

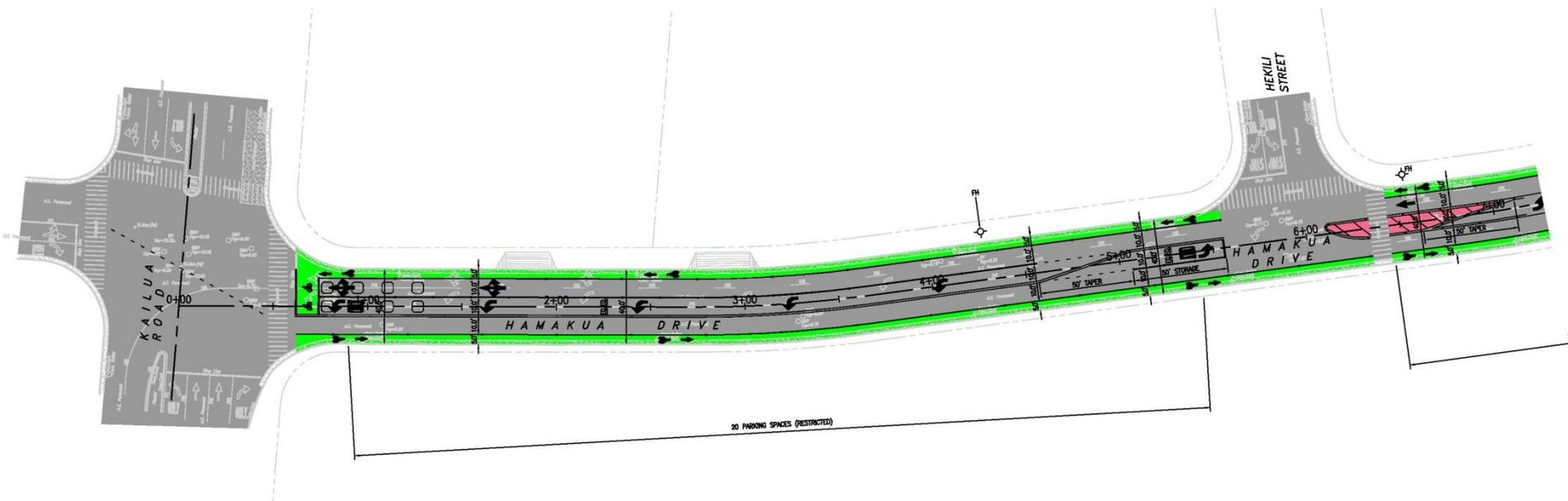


# Projected Traffic Queues at Hamakua/Hahani Intersection

Saturday Midday Peak Hour (11:15 AM – 12:15 PM)

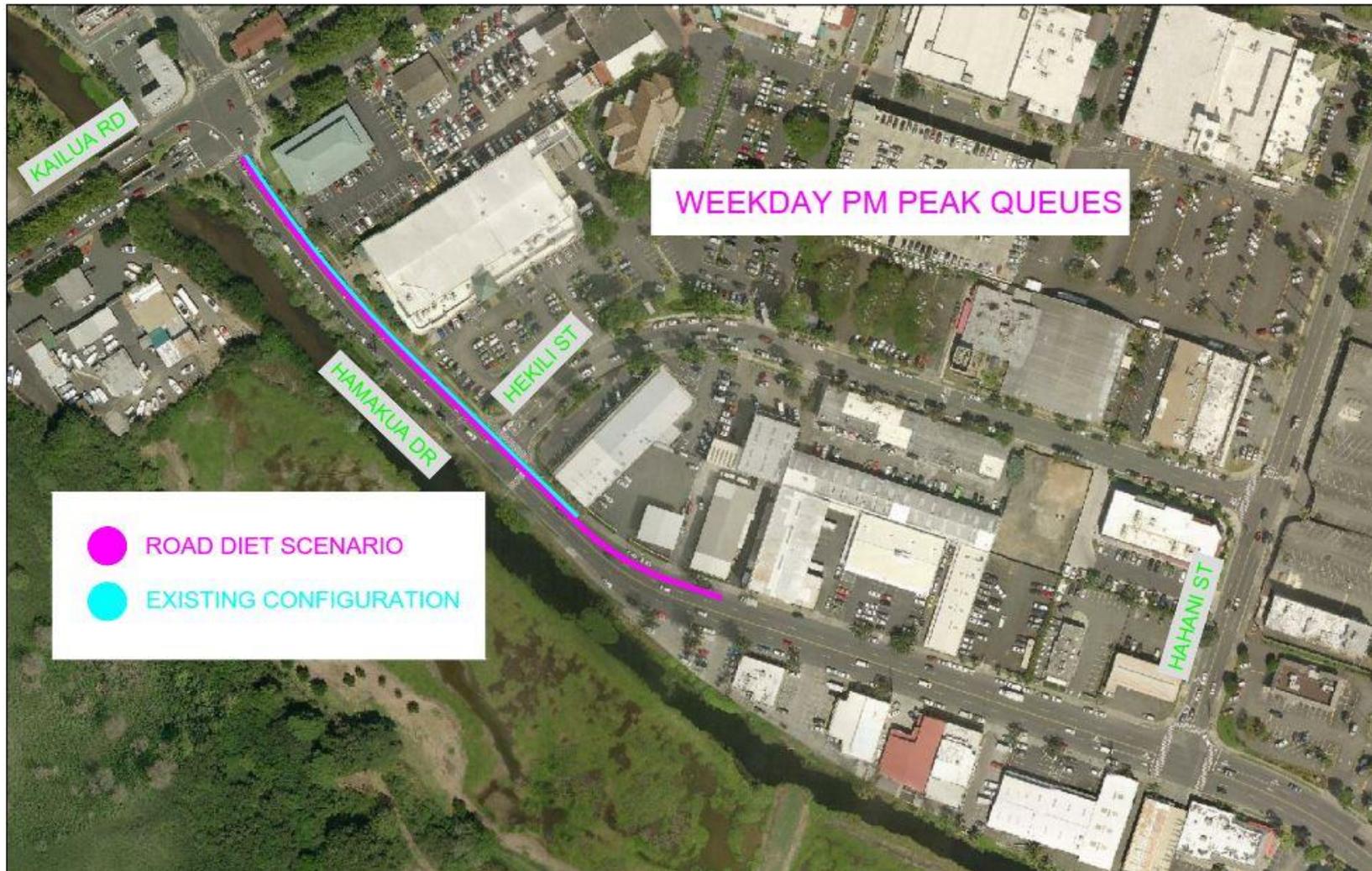


# Hamakua Drive: Kailua Road to Hekili Street



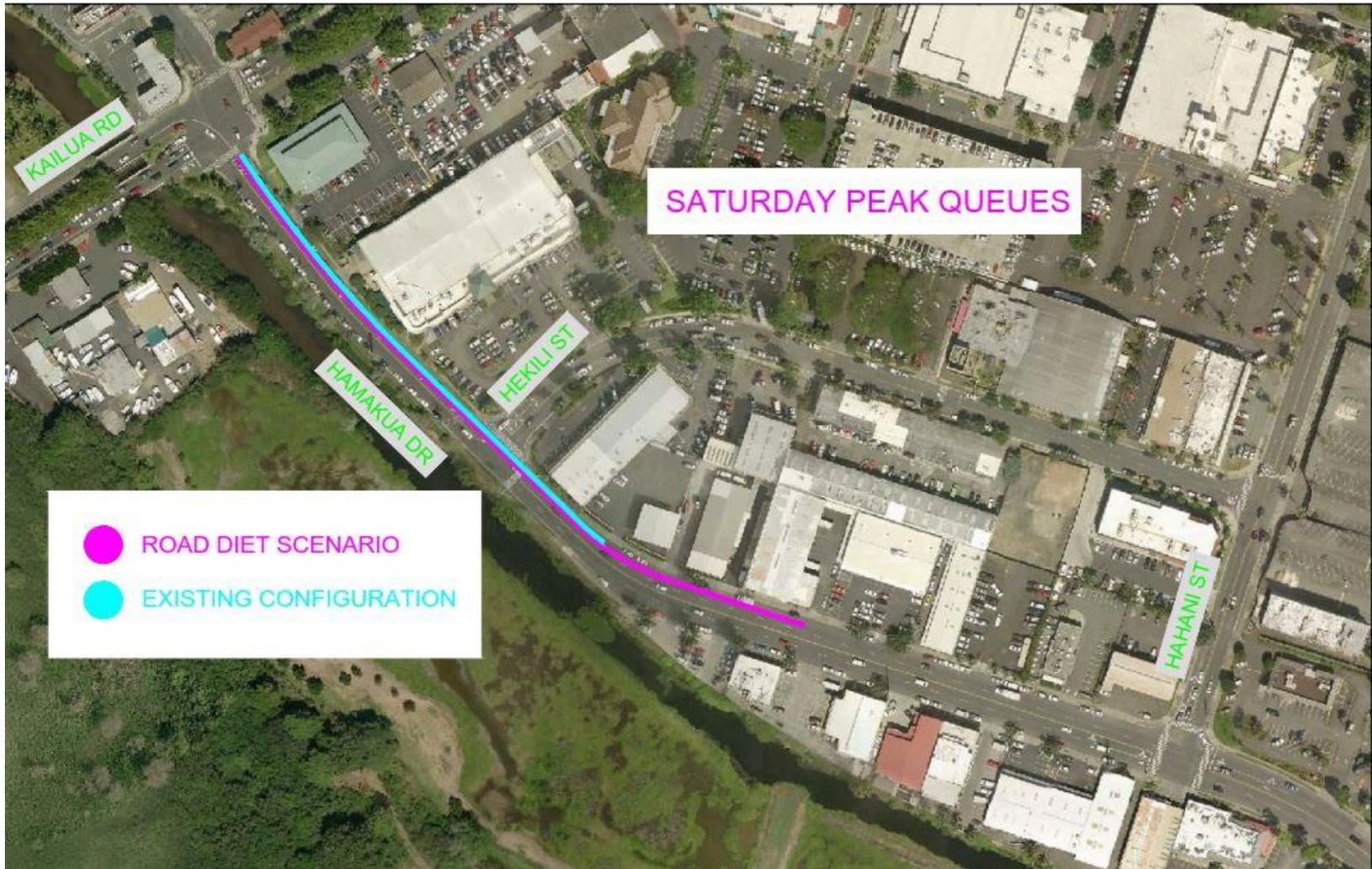
# Projected Traffic Queues at Hamakua/Kailua Road Intersection

Weekday PM Peak Hour (4:15 PM – 5:15 PM)



# Projected Traffic Queues at Hamakua/Kailua Road Intersection

Saturday Midday Peak Hour (11:15 AM – 12:15 PM)



# What's Next?



March 1, 2016

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# Upcoming Tasks

- Finalize design
- Obligation of Federal Funds
- Contractor Procurement (Advertise bid/award/contract)
- Notice to Proceed
- Construction



# Project Implementation Schedule

Remaining Tasks	2015		2016		2017
Environmental Clearance/Permitting	█				
Finalize Design	█				
Community Meeting		*			
Federal Fund Obligation			█		
Procurement			█		
Construction				█	



# Questions?



March 1, 2016

**AECOM**

# Mahalo

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