

***WELCOME !!!***

**TO THE 3<sup>RD</sup> WAIMEA PEL MEETING  
MARCH 6, 2019**

***WAIMEA REGIONAL SAFETY STUDY***

**HAWAI‘I DEPARTMENT OF TRANSPORTATION  
HIGHWAYS PLANNING BRANCH**

# RE-CAP OF PREVIOUS PEL MEETINGS

PEL # 1 DISCUSSED NEEDS. A Handout on the Needs Discussion is available at this meeting.

PEL # 2 DISCUSSED PURPOSE AND NEED (P&N)

- How it is used to develop alternatives
- How it is used to eliminate alternatives that do not fit
- How is it used to compare alternatives and select a preferred alternative
- How it is used in the environmental process (NEPA)

Reference Guide from American Association of State Highway and Transportation Officials (AASHTO) was distributed

We started a working draft of the P&N statement to include both safety and congestion

We added a criteria that the alternatives must respect the character and culture of Waimea and not detract from it in any way

Discussed who else it is important to have at these meetings

SUMMARIES OF BOTH MEETINGS ARE POSTED ON THE WEBSITE

# WHY WE ARE HERE

*We are here to identify potential projects that would improve safety and operations, relieve congestion and enhance multi modal travel options in the Waimea region and that can be accomplished within the resources available to HDOT and can be ready for design and construction within the next two years.*

# GROUND RULES

**You are personally responsible for working toward future solutions/aspirations with our valuable time by:**

- > actively listening and keeping an open mind**
- > being clear and concise**
- > making sure everyone has an equal opportunity to express their ideas**
- > keeping side conversations to a minimum**

**It's okay to disagree as long as we are respectful of each other**

**Silence means you can live with and support the decision/agreement**





# PRESENTATION BY HDOT ON FINANCIAL RESOURCES

# FINANCIALLY CONSTRAINED STIP FY 2015-18

	<u>4 Year Average</u>	<u>4 Year Total</u>
O'ahu		
> O'ahu State Projects	\$72 Million	\$ 289 Million
> City & County Projects	\$17 Million	\$ 67 Million
<b>Hawai'i</b>		
> <b>Hawai'i District Projects</b>	<b>\$13 Million</b>	<b>\$ 51 Million</b>
> <b>Hawai'i County Projects</b>	<b>\$12 Million</b>	<b>\$ 49 Million</b>
Maui		
> Maui District Projects	\$ 10 Million	\$40 Million
> Maui County Projects	\$ 13 Million	\$52 Million
Kaua'i		
> Kaua'i District Projects	\$ 10 Million	\$40 Million
> Kaua'i County Projects	\$ 8 Million	\$ 32 Million



## PROJECTS CONSTRUCTED WITH FEDERAL FUNDS ON HAWAI‘I ISLAND 2014-18

STIP Year/ State or County	Project	Total Cost
2014 State	Hawaii Belt Road (RTE 19) Resurfacing, Pepeekeo to Hakalau (MP 10.00 to 15.00)	\$21.3 M
2014 State	Keaau-Pahoa Road (RTE 130) Intersection Improvements at Old Government Road	\$4.8 M
2014 County	Manono Street (RTE 2770) Roadway Improvements, Lanikaula Street to Kekuanaoa Street	\$5 M
2015 State	DKI Hwy Improvements Ph 2D, East side Grade and Pave, MP 6 to MP 11	\$46 M
2016 State	Keaau-Pahoa Road (RTE 130) Shoulder Lane Conversion, Ph2 – Shower Drive Intersection Improvements	\$3.2 M
2016 State	Mamalahoa Highway (Route 190) Drainage Improvements, Vicinity of Puuwaawaa Ranch Road	\$6.1 M
2016 County	Kawailani Street (RTE 2760) Improvements, Vicinity of Kanoelani Street to Vicinity of Kuhilani Street	\$18.1 M
2017 State	Kohala Mountain Road (RTE 250) Safety Improvements, MP 7.2 to MP 9.2	\$4 M
2017 State	Mamalahoa Highway (RTE 11) Hilea Bridge Replacement	\$7.5 M
2017 State	Mamalahoa Highway (RTE 11) Ninole Stream Bridge Replacement	\$7 M
2017 State	Queen Kaahumanu Highway (RTE 19) Intersection Improvements at Kawaihae Road (RTE 19)	\$1.3M
2017 County	Hakalau Stream Bridge Replacement (RTE 222)	\$3 M
2017 County	Mamalahoa Highway (RTE 19) Widening, Mud Lane to Mana Road	\$22 M
2018 State	Hawaii Belt Road (RTE 19) Guardrail and Shoulder Improvements, Kaumoalii Bridge to East Paauilo Bridge and Vicinity of Kalopa Bridge	\$5.6 M
2018 County	Alii Drive (RTE 186) Culvert Replacement	\$12.3 M

# HAWAI‘I ISLAND PROJECTS INCLUDED IN STIP 2019-22

STIP ID	Project	Phase	Total Amount (x\$1,000)	Federal Amount (x\$1,000)	Local Amount (x\$1,000)
HC1	Alii Drive (Route 186) Culvert Replacement	ADVCON	-	3,000	(3,000)
HC2	Bridge and Pavement Improvement Program	PE1,PE2,CON	28,350	22,680	5,670
HC3	Bridge Inspection and Appraisal	PLN	400	320	80
HC6	Transportation Alternative Program (TAP) 2018 - Big Island Bikeshare Expansion	CON	150	120	30
HS1	Bridge and Pavement Improvement Program, Hawaii	CON	48,000	-	48,000
HS2	Daniel K. Inouye Highway (RTE 200) Extension, Mamalahoa Hwy (RTE 190) to Queen Kaahumanu Hwy (RTE 19)	PE2,ADVCON(PE2)	8,000	6,400	1,600
HS3	Guardrail and Shoulder Improvements, Various Locations	CON	13,250	10,600	2,650
HS20	Hawaii Belt Road (RTE 19), Bridge Rehabilitation/Replacement, Hakalau Bridge	PE1,PE2	2,000	1,600	400
HS4	Hawaii Belt Road (RTE 19), Bridge Replacement, Kolekole Stream Bridge	PE1,PE2,ROW	3,000	2,400	600
HS5	Hawaii Belt Road (RTE 19), Bridge Replacement, Wailuku Bridge	PE1,PE2,ROW,CON	28,000	14,400	13,600
HS6	Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaumoali Bridge to East Paauiilo Bridge and Vicinity of Kalopa Bridge	ADVCON	-	4,000	(4,000)
HS9	Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaawalii Gulch to Kuwaikahi Bridge	CON	1,400	1,120	280
HS10	Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaula Bridge Towards Kaawalii Gulch	CON	1,400	1,120	280
HS12	Hawaii Belt Road (RTE 19), Seismic Retrofit, Kaholo Bridge	PE1,PE2,CON,ADVCON	3,000	2,400	600
HS13	Kawaihae Road (RTE 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	PREROW,ROW,CON	15,000	9,000	6,000
HS14	Keaau-Pahoa Road (RTE 130) Improvements, Keaau Bypass to Pahoa-Kapoho Road	ROW	2,020	1,616	404
HS17	Mamalahoa Highway (RTE 190), Safety Improvements, MP 17.9-20.8 and MP 21.3-26.2	CON	1,000	900	100
HS18	Mamalahoa Highway (RTE 11), Safety Improvements, MP 98.7-105.3	CON	1,000	900	100
HS19	National Recreational Trails Program - Hawaii (DLNR)	CON	1,496	1,196	300

# CAR RENTAL FEE (STARTED JANUARY 2019)

Imposed on those with a non-state drivers license

What is collected on this island stays on this island

Can be spent on capacity projects, such as a new road, widening of an existing road, alleviation of traffic congestion

Projections are that it will raise \$4.35 M each year

Floating a twenty year revenue bond at 3.34% debt service, backed by these funds, is estimated to raise \$65-70 M for projects on this island

# CRITERIA FOR THE CAR RENTAL FUNDS

HDOT wants to fund projects that can be ready for Design-Build implementation within two years

In Hawai'i County the most likely are:

- > Puainako Realignment
- > Saddle Road Extension
- > **Waimea Regional Safety Improvements (this project)**
- > Route 11 widening, Henry to Lako
- > Contraflow Kahekili



# BREAK OUT GROUPS

Brain storm suggestions and start to develop a list

*Rules for brain storming:*

- 1) Every participant will be given the opportunity to provide a potential project*
- 2) We will not take time during this process to expand on a contribution or to field clarifying questions*
- 3) No one can question the merit of a contribution*

Second Optional round of ideas

Cluster similar items

Discuss merits of the clusters

Identify the top three clusters

Report back

# EXAMPLES OF SAFETY AND CONGESTION PROJECTS FOR WAIMEA

Roadway widening

New segments of roadway

Re-design intersections for taking turns

Roadway markings and signage

Pedestrian Crossings

Sidewalks

Bike routes

Truck runaway ramps

Short bypass route (no longer than 3-4 miles)

# CONTACT AND SCHEDULE INFORMATION

**Next Meeting PEL #4 will be  
Wednesday March 27  
5:30 PM**

**Keep informed by visiting the project website  
[WaimeaRegionalSafetyStudy.com](http://WaimeaRegionalSafetyStudy.com)**

Brian Tyau, HDOT ([Brian.Tyau@Hawaii.gov](mailto:Brian.Tyau@Hawaii.gov))

Cheryl Soon, SSFM International ([csoon@ssfm.com](mailto:csoon@ssfm.com))

Jennifer Scheffel, SSFM International ([jscheffel@ssfm.com](mailto:jscheffel@ssfm.com))



MAHALO!!

