

Appendix 2. Comments Received and Responses Sent

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KAUAI : STATE - FHWA											
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai Part 1 Part 2 Part 3 <i>Improve guardrails and shoulders at various locations.</i>	DES	Part 1		Part 2		Part 3		7		2	5
	CON		Part 1		Part 2		Part 3				
	DES	100									
	CON		1,000								
	DES			100							
	CON				1,000						
	DES					100					
	CON						1,000				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement <i>Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>	DES		757					7		1	6
	PREROW		defer/inflate	110							
	ROW			defer/inflate	787						
	CON					3,775					
	ADVCON						AdvCON				
KS3. Kapule Highway (Route 51) Widening, Kuhio Highway to Rice Street <i>Conduct planning/environmental study to assess alternatives and impacts to widening Kapule Highway from Kuhio Hwy intersection to Rice Street intersection</i>	PLN				defer out			7		1	6
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E <i>Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards</i>	DES				530			7		1	6
	ROW					65					
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Omao Bridge <i>Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>	ROW	defer/inflate	100					7	3		4
	CON			defer/inflate	7,070						
	ADVCON						AdvCON				

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

Printed On 7/13/2010
Page No. 1

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB <i>Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>	CON				17,000			7	1		6
	ADVCON					AdvCON					
KS7. Kaumualii Highway (Route 50) Improvements, Kipu Rd to Vicinity of Haiku Airstrip (West of Humane Society, MP 3.47), Phase 1C <i>Construction for widening of Kaumualii Highway, Vicinity of Kipu Road to Vicinity of Haiku Airstrip, from two to four lanes.</i>	CON						defer out	7	1		6
KS8. Kaumualii Highway (Route 50) Improvements, Vicinity of Haiku Airstrip (West of Humane Society, MP 3.47) to Huleia Bridge, Phase 2 <i>Construction for widening of Kaumualii Highway, Vicinity of Haiku Airstrip to Huleia Bridge, from two to four lanes.</i>	DES				defer out			7	1		6
	ROW						defer out				
KS9. Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout <i>Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing</i>	CON		3,600					7	3		4
KS10. Kaumualii Highway (Route 50) Widening, Kuhio Highway to Vicinity of Lihue Mill Bridge (Lihue Mill Bridge to Rice Street) <i>Construction for widening of Kaumualii Highway, Vicinity of Lihue Mill Bridge to Rice Street, from two to four lanes.</i>	CON	funded in 2010						6	2	2	2
KS11. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge <i>Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>	ROW	defer/inflate	730					6	2		4
	CON		9,360								
	ADVCON			AdvCON							
KS12. Kuhio Highway (Route 560), Bridge Replacement Wainiha Bridges <i>This projects is extremely important and long overdue. Replace temporary Wainiha Bridges</i>	CON						defer out	8	4		4

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KS13. Kuhio Highway (Route 560), Bridge Replacements Waioli, Waipa, and Waikoko Stream Bridges <i>This process of repair must begin before situation reaches crisis. Replace existing bridges</i>	DES		1,969					8	4		4
	PREROW		112								
	ROW			562							
	CON				8,197						
	ADVCON					AdvCON	AdvCON				
KS14. Kuhio Highway (Route 56), Bridge Widening, Moikeha Bridge <i>Widen bridge to accommodate roadway widening</i>	DES						defer out	7		1	6
KS15. Kuhio Highway (Route 560), Hanalei Scenic Lookout Project DELETED. It had a low highway value and there was no commitment for maintenance. <i>Extremely low. All other 560 project involve safety. Lookout is like frou frou in comparison to extreme importance of bridge maintenance and repair.</i> <i>Construct improvements to Hanalei Scenic Lookout</i>	CON	delete						8	2		6
KS16. Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I Phase 1A <i>Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative</i>	DES			2,000				7	1	2	4
	DES			5,000							
	PREROW				100						
	ROW				changed to PREROW						
	CON					defer out					
KS17. Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge <i>Increase cost estimate</i> <i>Low priority. Not as important as bridge repair/maintenance.</i> <i>Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing</i>	CON	1,460						8	1		7
KS18. Kuhio Highway (Route 56) Safety Improvements in the Vicinity of Wailua Golf Course <i>Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements and install/replace pavement markings and signing.</i>	CON	funded in 2010						6	1	1	4

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KS19. Kuhio Highway (Route 56) Traffic Signal at Leho Street (N) <i>Install traffic signal on Kuhio Highway at Leho Street</i>	DES	50						6	3	1	2
	CON		400								
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation <i>High. Road may disappear without this project. Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes</i>	DES			1,040				6	3		3
	ROW				500						
	CON						defer out				
KS21. Kuhio Highway (Route 560), Shoreline Protection, Vicinity of Hanalei Bay <i>Construct revetment to protect about 1,600 feet of highway on the extreme west side of Hanalei Bay that is subject to seasonal wave attack.</i>	CON			defer/inflate		2,500		7	1	1	5
	ADVCON						AdvCON				
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92 <i>Remove existing guardrail, install new guardrail and construct end treatments.</i>	CON	1,082						6			6
KS23. National Recreational Trails Program - Kauai <i>A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>	CON	314	314	314	314	314	314	6	4		2
KS24. Puhi-Hanamaulu, Alternate Route <i>Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu</i>	PLN				4,000			6	4		2
KAUAI : STATE - FHWA TOTAL		2,906	17,342	9,026	38,498	6,654	314				

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

Printed On 7/13/2010
Page No. 4

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
COUNTY OF KAUAI - FHWA											
KC1.	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES ROW CON	1,000	defer/inflate		7,280		6	2		4
<i>Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.</i>											
KC2.	Bridge Inspection and Appraisal	PLN/DES	125		125			6	3	1	2
<i>Inspection of various bridges throughout the County. FHWA Requirement.</i>											
KC3.	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement Changed phase from CON to DES/CON	DES/CON	475	advance/decr				6	3		3
<i>Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.</i>											
KC4.	Hardy Street (Route 572) Improvements Changed phase from CON to DES/CON	DES/CON	4,500					5	2		3
<i>Safety imprvmts including reconstruction & widening of traffic lanes, construction of turning lanes, sidewalks, drainage inlets and culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign and striping, landscaping and other roadway improvements. The project begins at the Kuhio Hwy intersect. and end at the Rice St intersect. 0.7 miles</i>											
KC5.	Kamalu Bridge (Route 581) Erosion Protection Repairs	CON	300					6		1	5
<i>Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.</i>											
KC6.	Kamalu Road (Route 581) Bridge Replacement	PLN DES				200	400	6			6
<i>Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.</i>											
KC7.	Kapahi Bridge Replacement	CON		5,000				6			6
<i>Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.</i>											

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KC19 Kauai County Multi-Modal Transportation Plan NEW PROJECT <i>A multi-modal land transportation plan for the island of Kauai that considers the communities land transportation needs and priorities in a comprehensive approach that includes transit, bicycle, pedestrian, vehicle and freight modes of transportation. The regional land transportation network to be considered includes the County and State systems.</i>	PLN	400						Project was not listed when survey was taken.			
KC8. Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) <i>Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.</i>	DES				300			6	2		4
	CON					defer out					
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C <i>Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihl Rds. Ph C - starts at the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the N side of Waipouli Canal at Kuhio Hwy.</i>								6	3		3
	CON	defer/inflate	6,700								
	PLN	20									
	DES	100									
	CON		defer/inflate	1,560							
KC18. Maluhia Road (Route 520) Improvements <i>This project was added late. Re-numbering could not be done.</i> <i>Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumualii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.</i>	PLN	40						8	4		4
	DES			500							
	ROW					80					
	CON						7,650				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
KC10. Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A Phase B <i>Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.</i>	DES	Phase A		Phase B				6	2		4
	CON		delete		delete						
	DES	750									
	DES			1,000							
KC11. Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) <i>Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike</i>	DES	2,000						7	3		4
	CON					defer out					
KC12. Opaekaa Bridge Replacement <i>Repair, rehabilitation, restoration and/or replacement of the existing historic steel truss bridge at Opaekaa road crossing Opaekaa Stream in Wailula Homesteads using context sensitive solutions practices.</i>	CON				defer out			5			5
KC13. Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW) <i>Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intersection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.</i>	DES	delete						6			6
	CON		1,170								
KC14. Puuopae Bridge Replacement <i>Replace existing bridge.</i>	DES			600				6	1		5
	CON				5,000						
KC15. Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary <i>Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>	DES	160						6	2	1	3
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		10,120	12,870	3,785	12,780	480	7,650				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T KAUAI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	TOTAL	HIGH	MEDIUM	LOW
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)				
COUNTY OF KAUAI - FTA											
KC16. Bus and Bus Facility	EQP/OPR	819	844	869	894	919	944	5	3	1	1
<i>Purchase buses and operate bus transit facilities</i>											
KC17. Rural Transportation Program	OPR	717	739	760	781	803	824	5	3	1	1
<i>Operate Public Transit System</i>		EQP	127	130	134	138	141				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,713	1,763	1,813	1,863	1,913				

Survey submittals

3 meeting
1 mail
5 email

Meeting attendance

11 - Lihue

KS9 - there is an urgent need for improvement just east/north of this area at the intersection of Maluhia Road (520) and Hwy 50 where westbound is turning left to Koloa and Poipu Beach resort areas. Visitors will miss this turn and U-turn at Kahili Mtn Rd, very dangerous, there has been accidents. For more comments see Chris Moore memo.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH					MEDIUM					LOW							
		TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
HAWAII : STATE - FHWA																									
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON	defer/ inflate			7,280																				
	ADVCON							0						5	2				1	2	28	1	1	8	18
<i>Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																									
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	DES			250				1						5	1			1	3	29	3	1	8	17	
<i>Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.</i>																									
HS3. Crater Rim Road (NPS)	CON	7,500						0						8	2		1	2	3	27	2	1	7	17	
<i>Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.</i>																									
HS4. Guardrail and Shoulder Improvements, Various Locations	DES				1,000																				
	CON		defer/inflate				1,400	2	2					12	2	1	1	2	6	26	1		7	18	
<i>Improve guardrail and shoulders.</i>																									
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	CON	16,640						2	1					6	2	1	1	1	1	26	1		7	18	
	ADVCON		AdvCON	AdvCON																					
<i>Split Advance CON into two years, 12 and 13. Advance CON originally programmed only in 12.</i>																									
<i>Rehabilitate existing bridge</i>																									
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge	DES		775																						
	ROW			defer/inflate	1,090																				
	CON				defer/inflate	10,300																			
	ADVCON						AdvCON	3		1			2	5	2		1	1	1	26	2		7	17	
<i>Replace existing bridge.</i>																									
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	CON		1,575					0						8	2		1	2	3	25	1	1	7	16	
<i>Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																									
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kupapaulua Kaula Bridge	CON			1,400		advance		1						6	2		1		3	23	1	1	5	16	
<i>Improve guardrail and shoulders from Kealakaha Br. to Kupapaulua Kaula Bridge</i>																									
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kupapaulua Bridge Towards Kaawalii Gulch	CON						defer out	1						5	2		1		2	24	1	1	5	17	
<i>Improve guardrail and shoulders from Kupapaulua Bridge to Kaawalii Gulch</i>																									

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH					MEDIUM					LOW						
		TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	Keaau	Hilo	Waimea	Kona	Other	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papaleale Rd towards Kaumoali Bridge <i>Improve guardrail and shoulders along Hawaii Belt Road from Papaleale Road towards Kaumoali Bridge.</i>	CON	1,514						1	1				6	2	1	1	2	26	1	1	7		17	
HS11. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge <i>Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge</i>	CON ADVCON				defer/inflate	1,456	AdvCON	1	1				7	3	1	1	2	23		1	7		15	
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paauiilo Bridge <i>Improve guardrail and shoulders from Waipunahina Bridge to E. Paauiilo Bridge</i>	DES CON ADVCON		112		defer/inflate	1,600	AdvCON	2	2				6	2	1	1	2	21		1	5		15	
HS13. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch) <i>Split Advance CON into two years, 12 and 13. Advance CON originally programmed only in 12. Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>	CON ADVCON	16,000		AdvCON				6	3	1	1		8	2			1	5	21			7	14	
HS14. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch) <i>Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.</i>	DES CON		600		defer out			7	3	1	1		9	2			1	6	20			7	13	
HS38. Hawaii Belt Road (Route 130) Safety Improvements at Kaawalii Gulch NEW PROJECT <i>Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage.</i>	CON	310						Project was not listed at the time survey was taken.																
HS15. Hawaii Belt Road (Route 19), Seismic Retrofit, East Paauiilo, Aamanu, Kainehe, Kalapahapuu, Wailoa River Bridges <i>Upgrade listed bridges to meet current seismic standards</i>	CON						defer out	3		1	1		1	5	2			3	20			5	15	
HS16. Hilo Bayfront Highway (Route 19), Shoreline Protection <i>Very concerned about groins!!!! Public process? Construct groin fields in phases along Hilo Bayfront.</i>	CON ADVCON			defer/inflate	3,380	AdvCON		1				1	3	2			1	28	2	1	8		17	
HS17. Kanoelohua Avenue (RTE 11), Inbound Widening, Kamehameha Avenue to Puainako Street <i>Add one inbound lane on Kanoelohu from Kamehameha Avenue to Puainako Street.</i>	CON				defer out			3	2				1	5	1	1	1	2	26	3		7	16	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH					MEDIUM					LOW								
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																		
HS18. Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles)	DES	3,000																								
	PREROW				100																					
	ROW					defer out																				
	CON																									
<i>Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.</i>																										
HS19. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	DES	1,100																								
	PREROW		50																							
	ROW		defer/inflate	2,000																						
	CON			defer/inflate	10,000																					
<i>Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																										
HS20. Keaau-Pahoa Road (Route 130) Improvements, Phase 1	DES		3,000																							
	PREROW			100																						
	ROW				1,800																					
	CON				defer out																					
<i>Improve traffic capacity, circulation and safety along Route 130</i>																										
HS21. Keaau-Pahoa Road (Route 130) Safety Improvements in the Vicinity of Volcano Road to Pahoa-Kapoho Road	CON		delete																							
	<i>Project DELETED. The numerous intersection improvement projects along the corridor should address the major concerns of this project. Implement safety improvements along Route 130 between Volcano Road to Pahoa-Kapoho Road</i>																									
HS39. Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road	CON		2,000																							
	<i>NEW PROJECT to replace HS21. Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline</i>																									
HS22. Keaau-Pahoa Road (Route 130), Intersection Improvements at Kaloli Paradise Drive, Orchardland Drive, and Ainaloa Blvd	CON		2,500																							
	<i>Implement safety improvements at listed intersections</i>																									
HS23. Keaau-Pahoa Road (Route 130), Shoulder Lane Conversion, Keaau Bypass Road to Shower Drive	ADVCON		delete																							
	<i>Project DELETED. Advance construction reimbursement is not needed. 8 responses = Low priority. Make sure wide shdrs and bikeways remain in ROW. Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway. Project construction should have begun in 2010. This is a 2nd year of federal aid reimbursement.</i>																									

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH					MEDIUM					LOW							
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
HS24. Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street <i>Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>	DES			757																					
	PREROW				50																				
	ROW				defer	1,080																			
	CON						defer out																		
HS25. Kuakini Highway (Route 11) Bicycle Improvements, King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11) <i>Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.</i>	CON			defer/inflate	520																				
HS26. Kuakini Highway (Route 11) Widening, Henry Street (Rte 1830) to Kamehameha III Road (Rte 185), Phase 1 <i>8 responses = Ensure Waiua Rd Extension (Bike Plan HI project #60a) is included. Widen Kuakini Highway from two to four lanes with culverts, traffic signals and utilities. Improve shoulders to accommodate pedestrian and bicycle traffic.</i>	DES					defer/inflate	1,560																		
CON							defer out																		
HS27. Kuakini Highway (Route 11) Widening, Henry Street (Rte 1830) to Kamehameha III Road (Rte 185), Phase 2 <i>8 responses = Ensure Waiua Rd Extension (Bike Plan HI project #60a) is included. Widen Kuakini Highway from two to four lanes with culverts, traffic signals and utilities. Improve shoulders to accommodate pedestrian and bicycle traffic.</i>	DES						defer out																		
CON																									
HS28. Kumau Street Improvements, Hilo (Harbors Division) <i>Med priority. Need to account for bikes & peds! Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.</i>	CON			defer/inflate	2,500																				
ADVCON						AdvCON																			
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement <i>Replace existing bridge</i>	DES			defer/inflate	780																				
ROW					defer/inflate		420																		
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa <i>Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON	5,400																							
HS31. National Recreational Trails Program - Hawaii <i>A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	374	374	374	374	374																		
HS32. Puainako St (Rte 2000)Widening, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770) <i>8 responses = Med priority. Incl a shared use pathway and safe crossings for young children going to and from Waiakea Elem and Inter school. Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW			50																					
ROW				defer	1,000																				
ROW				defer/inflate	5,100																				
CON						defer out																			

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH					MEDIUM					LOW							
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
HS33. Puainako St (Rte 2000) Widening, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kilauea (Rte 1920) 8 responses = Med priority. Incl a shared use pathway and safe crossings for young children going to and from Waiakea Elem and Inter school. Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.	DES		defer/inflate		1,600			4	2				2	14	2	1	1	10	29	4		8		17	
	PREROW					50																			
	ROW				changed to PREROW																				
	CON				defer out																				
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) 3 responses = High priority. Safety issues. Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection	CON	defer/inflate	1,100					38	1	1	16	1	19	7	1		1	5	4	2				2	
	ROW		156																						
HS35. Queen Kaahumanu Highway (Route 19) Widening Keahole Airport to Kawaihae Harbor 8 responses = High priority. Ensure that the planning and environ study incl DES of the Bike Plan HI Project #81b, a. Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor	PLN	defer/inflate		4,300				19	1			1	17	17	1	1	4	1	10	11	1		5		5
HS36. Saddle Road Extension 3 responses = Low priority, however, if DAR funding is available, ranking should move up. New roadway and/or realignment and extending Saddle Road from the Hilo terminus to the Queen Kaahumanu Highway.	DES			defer/inflate	9,000			23	2		3	2	16	3	1	5				1	3				
	PREROW				defer		100																		
	ROW					defer out																			
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11	ROW		4,000																						
	CON			defer	50,000																				
Saddle Road Improvements, West Side MP 6 to MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4 Split CON into 4 years, 12 - 15. CON originally programmed only in 12. 3 responses = Med priority, assuming DAR funding is available Widen and/or realign the existing two-lane highway.	CON			split into phases				26	3		6	1	16	1	1	5	1			3	1		2		
	CON				20,000																				
	CON				20,000																				
	CON					20,000																			
	CON						15,000																		
HAWAII : STATE - FHWA TOTAL			58,494	29,586	79,331	67,074	28,260	3,854																	

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH					MEDIUM					LOW								
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																		
COUNTY OF HAWAII - FHWA																										
HC1. Aii Drive (Route 186) Culvert Replacement	DES																									
	CON		10,000					21				2	19	5	1					4	18	2	1	8		7
<i>Replacement of an existing culvert with a new bridge and transitional structures at Aii Drive.</i>																										
HC2. Aii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	ROW		500																							
	DES	50																								
	CON			defer/inflate		5,600																				
	Phase 2	DES			50																					
	CON					defer/inflate	5,400	22				2	20	11	3	1			7	16	3		8		5	
<i>8 responses = High priority. Urgent and important project to accel. Use value engrg and Nani Kailua Extension to mitigate costs and enhance bicycle and pedestrian facilities. Ensure this project includes crosswalks.</i>																										
<i>Provide bicycle, pedestrian, landscaping and scenic view improvements along Aii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.</i>																										
HC3. Aii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1 Phase 1 - Part 2 Phase 2	ROW		defer out																							
	CON	2,000																								
	CON			defer out																						
	CON					defer out		15					2	13	11	2	1	1		7	14	3		7		4
<i>8 responses = High priority. Urgent and important project to fully fund and accel. Ensure that a shared use pathway is included in the DES that avoids sensitive archaeological sites by meandering around sites.</i>																										
<i>Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kam III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen K.</i>																										
HC4. Ane-Keohokalole Highway (Route 1880) - Phase II	CON		defer out																							
<i>4 responses = High priority. Seek ARRA funding. 8 responses = Ensure this project includes bikepaths and crosswalks. Construction of Phase 2 of the Ane Keohokalole Highway from 600 feet north of Kealakehe Parkway to Hina Lani Street</i>																										
HC5. Bridge Inspection and Appraisal	PLN	100	100	100	100	100	100	15	5	1		1	8	10	1		2		7	14	1		7		6	
<i>Inspection of county-maintained bridges as required by FHWA.</i>																										
HC6. Kaahakini Bridge Rehabilitation	CON	2,000						2		1			1	8	2			1	5	23	1		8		14	
<i>Replacement of an existing bridge including transitional structures.</i>																										
HC7. Kaiminani (Route 198) Resurfacing (Mamalahoa Highway (Rte 190) to Queen Kaahumanu Highway (Rte19))	DES	10																								
	CON	6,000																								
<i>3 responses = new intersection design is needed. Resurfacing approximately 3.6 miles of Kaiminani from the Mamalahoa Hwy to the Queen Kaahumanu Hwy. Work to include road bed reconstruction, shoulder/driveway repairs and drainage improvements.</i>																										
								9			1	1	7	9	1	1		1	6	16	2		7		7	

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH					MEDIUM					LOW							
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
HC8. Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street <i>Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.</i>	DES	10																							
	CON		defer/inflate	9,250																					
HC9. Kawaiiani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2 <i>Installation of synchronized traffic signals at the Kawaiiani/Iwalani and Kawaiiani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.</i>	DES	10																							
	CON	defer/inflate			16,800																				
HC10. Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway <i>8 responses = Include the extension of Walua Rd (Bike Plan HI Project #60a) Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.</i>	DES	50																							
	CON			7,000																					
HC11. Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital) <i>2 responses = High priority. Waimea has a strong and growing biking population that would choose to commute by bike instead of vehicle... Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements</i>	PLN	10																							
	DES		10																						
	ROW			defer/inflate		1,080																			
	CON				defer out																				
HC12. Reed's Island Bridge Rehabilitation <i>Replacement of an existing bridge including transitional structures.</i>	CON	5,000																							
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		15,240	10,610	16,400	16,900	6,780	5,500																		
COUNTY OF HAWAII - FTA																									
HC13. Bus and Bus Facility <i>Purchase buses and operate bus transit facilities</i>	EQP/OPR	819	844	869	894	919	944																		
HC14. Rural Transportation Program <i>Operate public transit system.</i>	EQP/OPR	844	869	894	919	944	969																		
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,713	1,763	1,813	1,863	1,913																		

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T HAWAII SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH					MEDIUM					LOW						
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea	Kona	Other	TOTAL	Keaau	Hilo	Waimea

Survey submittals

21 - Keaau Meeting
 1 - Hilo mail
 12 - Waimea meeting
 8 - Waimea mail
 3 - Kona mail
 37 - Email
 82 = Total

Meeting attendance

37 - Keaau
 2 - Hilo
 19 - Waimea
 5 - Kona

Keaau Comments

Do not have info about most projects to comment.
 Consider doing heavy construction work during the summer breaks, other school breaks and weekends.
 Roundabouts are a necessity.
 Safety is more important than rapid speed. Kahakai-Malama intersection is a high priority.
 Roundabout at Shower Drives is a terrible idea. Would jam up HWY 130 at a very high traffic area. Better intersection to try roundabout is Kahakai Blvd. It's past the main congested areas.
 Roundabout at HS22 K-P Road, Intersection Improves at Kaloli Dr, Orchidland Dr and Ainaloa Blvd

Waimea Comments

Very high priority = HS18, HS19, HS34
 #1 High priority = HS18; #2 High priority = HS19

Kona Comments

HS26 & HS27 - Increase scope of subject projects from Henry St to Honalo Junction to correct the dysfunctional and dangerous traffic conditions on Kuakini Hwy at the T-intersections of Haawina and Kalelei Roads.
 See more comments by Harold Murata

Email Comments

8 responses indicating High Priority = S1, S5, S10. See additional comments for each project in the three lines below.
 S1 = Double the funding allocated to Bikeway Improves and allocate funds in FFY11 for PLN & DES for project identified in Bike Plan Implementation Plan. Specifically, allocate \$1M for environ study of QK Shared Use Pathway, a Priority 1 Bike Plan Project (#81)
 S5 = High priority funding for bicycle and pedestrian safety efforts.
 S10 = Accelerate obligation and awarding of Round 1 proposals and Round 2 proposals and prepare a third request for proposals.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH						MEDIUM					LOW												
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other						
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)																								
MAUI : STATE - FHWA																															
MS1. Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1 Part 2 High priority (x2). More wide shoulders (x2), less guardrails Bicycle-friendly improvements only please. No rumble strips that will take away bike ROW. High priority. Confirm locations with Bike Plan HI projects. More shoulders, less guardrails and only where needed (x3). Improve guardrails and shoulders at various locations.	CON			Part 1; decr		Part 2																									
	CON			1,400																											
	CON					1,000																									
								6	2															4	6	6	10	2			
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas High priority. Also consider additional pullouts on Route 377 in future. Pullouts for all bicyclists, not just DHBT's. Improve Haleakala National Park Access Road to accommodate bicyclists.	CON	312																													
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Nanihoa Overpass How about you just fix the sprinklers so they water the existing landscaping instead of the roadway? Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.	CON		1,066																												
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road Include wide shoulders for bike. Include wide shoulders for bike/ped use (x2), connectivity to and from airport. Widen Hana Highway.	ROW	104																													
	CON			defer/inflate	6,240																										
	ADVCON					AdvCON																									
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.	ROW	747																													
	CON			defer/inflate	5,000																										
MS6. Honoapiilani Highway (Route 30) Realignment, Phase 1B4, Lahainaluna Road to Vicinity of Launiupoko. Continuation of Lahaina Bypass from Lahainaluna Rd to Launiupoko.	ADVCON	fully funded in 2010																													
MS7. Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus High priority. Very important. Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.	DES				2,000																										
	ROW					defer out																									
	CON																														
MS30. Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street NEW PROJECT Install flashing beacon on Honoapiilani Hwy. as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.	CON	210																													
Project was not listed at the time survey was taken.																															

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW								
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	
MS8. Honoapiilani Highway (Route 30) Safety Improvements in the Vicinity of Kapoli Street to Ukumehameha Beach Park Road Use only bike safe rumble strips (x6) Limit guardrails; only as needed. Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing	CON		2,920					6	1		1		4	8		1			7	7		1	1		5		
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu NEW PROJECT Shoreline protection for approximately 1000 feet of Highway on the west side of Hekili Point	CON	2,080						Project was not listed at the time survey was taken.																			
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to Kaanapali Connector High priority. Extend to Puukoolii Connector; add CON money in FFY12-13 Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.	DES PREROW ROW	500		50		change to PREROW		21	1	1	1	1	17	4				1	3	0							
MS10. Honoapiilani Highway (Route 30) Widening, Maalaea to Launiupoko Design improvements to Honoapiilani Highway between Maalaea and Launiupoko to address high ocean surges crossing portions of the highway, traffic accidents and fire hazards. Improvements may involve widening portions of the existing highway and/or constructing a new highway along a different alignment. Planning phase to determine the scope of the improvements is underway.	DES PREROW					defer/inflate	4,160	14	1	1	2		10	3					3	4		1			3		
MS11. Kahului Airport Access Road (Route 3800) High priority. Wide shoulders needed here for bike/ped use (x5). High priority. Include bikepath with this project. Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.	ROW CON ADVCON	400		30,000		AdvCON	AdvCON	23	1	2		2	18	1					1	1					1		
MS32. Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420) NEW PROJECT Improve lighting along Kahului Beach Road and Kanaloa Avenue	CON	520						Project was not listed at the time survey was taken.																			
MS12. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay (#1) Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.	CON CON		4,325					2					2	8	1	2			5	10			2		8		
MS13. Kula Highway (Route 37), Bridge Rehabilitation Kaipoi Bridge Rehabilitation of the existing bridge to meet current bridge standards.	DES ROW					defer out	defer out	2	1			1	4						4	13		2			11		
MS14. National Recreational Trails Program - Maui High priority. Coordinate with Na Ala Hele (x3) and Mountain Bike Community. A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.	CON	449	449	449	449	449	449	10	3	1	1		5	6		1			5	8			1	1	6		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH						MEDIUM					LOW													
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other							
		(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																									
MS15. North Kihei Road (Route 310), Shoreline Protection, Vicinity of Kealia Pond (#6) <i>Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.</i>	CON			5,300																												
	ADVCON					AdvCON																										
MS16. Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park) <i>Plans for alternative traffic improvements in the vicinity of Paia town.</i>	DES			3,245																												
	PREROW					100																										
MS17. Puunene Avenue (Route 3500) Bicycle Improvements, Kaahumanu Avenue (Route 32) to Kuihelani Highway (Route 380) <i>High priority. Project listed in Bike Plan HI Project #16A. Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii.</i>	CON		1,560																													
	CON																															
MS33. Puunene Avenue (Route 3500) Safety Improvements, Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940) NEW PROJECT <i>Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue</i>	CON	520						Project was not listed at the time survey was taken.																								
MS18. Puunene Avenue (Rte 3500) Widening, Wakea Avenue (Rte 3920) to Kuihelani Highway (Route 380), MP 0.46 to 1.09 <i>Widen Puunene Ave.</i>	ROW	30																														
	CON					4,500																										
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation <i>lao Stream Bridge</i> <i>Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.</i>	CON	6,500																														
	CON																															
MOLOKAI																																
MS20. Guardrail and Shoulder Improvements Program at Various Locations, Molokai <i>Med priority. More shoulders. High priority. Confirm locations with Bike Plan HI projects for Molokai. High priority. More shoulders, less guardrails and only where needed (x2). Improve guardrails and shoulders at various locations.</i>	CON	750		750			750																									
	CON																															
MS21. Kamehameha V Highway (Route 450), Bridge Rehabilitation <i>Kaimiloloa Stream Bridge</i> <i>Rehabilitation of the existing bridge to meet current bridge standards</i>	DES						865																									
	DES																															
MS22. Kamehameha V Highway (Route 450), Bridge Replacement <i>Makakupaia Stream Bridge</i> <i>Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94. Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.</i>	CON		3,817																													
	CON																															

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW															
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other								
MS23. Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	CON					1,400								1						2						2	9	2						7
<i>Construct a revetment for the reconstruction and protection of the highway shoulder.</i>																																		
MAUI : STATE - FHWA TOTAL		13,122	14,137	41,194	18,289	3,599	8,774																											
MAUI : STATE - FTA																																		
MS24. Lahaina Small Boat Harbor and Ferry Pier	PLN													8			1	1	6	7	1					6	6		2				4	
<i>New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.</i>		3,875																																
MS25. Improvements at Maalaea Small Boat Harbor, Ferry System Improvements	CON	10,068												4		1			3	8	1					7	5		1				4	
<i>Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.</i>																																		
MS26. Maalaea Small Boat Harbor Improvements	PLN													6		1	1		4	8	1					7	6		1				5	
<i>Planning for improvements to the South Mole to accommodate the increased need to facilitate ferry passenger drop off and loading due to limited existing parking.</i>		1,250	10,000																															
MOLOKAI																																		
MS27. Kaunakakai Harbor Ferry System Improvements	DES													1						4						4	8		2				6	
<i>Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.</i>		1,500																																
MS28. Kaunakakai Harbor Ferry Pier	PLN													1					1	4						4	6		2				4	
<i>Planning for relocation of the ferry loading area including dredging and dock improvements.</i>																																		
LANAI																																		
MS29. Manele Small Boat Harbor Ferry Pier	DES	938												0						4						4	8		2				6	
<i>New ferry pier, loading dock and related improvements.</i>		10,000	2,813																															
MAUI : STATE - FTA TOTAL		27,631	12,813	0	0	0	0																											

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW							
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other
COUNTY OF MAUI - FHWA																										
MC1. Alaalua Bridge Replacement (Hana Highway - Route 360)	DES			500																						
	CON						defer out	3	1				2	6		1				5	8		1			7
<i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches</i>																										
MC2. Baldwin Avenue Bikepath Remove project from consideration (x4). Remove from STIP. Build community-based north shore and Kihei Greenways first. Construct bikepath parallel to Baldwin Ave. from Makawao to Paia. Approximately 6.5 miles.	DES	200																								
	ROW		1,000																							
	CON					defer out		2					2	5		1				4	13	2	1	1		9
MC3. Bridge Inspection and Appraisal Inspection of county-maintained bridges as required by FHWA.	PLN	300		300		300		4	1				3	5						5	8		2			6
	CON	2,100						2				1	1	5	1					4	11		2			9
MC5. Hansen Road Pavement Reconstruction, Hana Highway to Puunene Avenue High priority. Shoulders badly needed. High priority with shoulders for bikes on both sides (x3). High priority. Project listed in Bike Plan HI. Project #20. Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.	DES		500																							
	ROW		200																							
	CON					defer/inflate	3,536	11	2			1	8	6		1				5	5		1			4
MC6. Hina Avenue (Route 3930) Pavement Reconstruction, Wakea Avenue to Ani Street Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles.	DES		200																							
	CON					defer/inflate	1,040	3	1			1	1	3						3	13		2			11
MC7. Kahawaiokapia Bridge Replacement (Hana Highway - Route 360) Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	CON		4,100					2	1				1	3						3	9		2			7
MC8. Kahekili Highway (Route 3405) Resurfacing, Mokuahu Road to Waiehu Beach Road Increased cost estimate High priority. Include wide shoulders for bike/ped use (x3). Get rid of trees in shoulder. Move road more makai away from utility poles. Make small bridge bike friendly. Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.	CON	4,000						7	2				5	3		1	1			1	11		1			10
MC38. Kaholopoo Bridge Replacement (Route 360) NEW PROJECT. Project was unable to be funded in 2010. Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	CON	4,200																								
Project was not listed at the time survey was taken.																										

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, OPR-Operations, ADM-Administration, RELOC-Relocation, PREROW-Preliminary Rights-of-Way, INSP-Inspection, ADVCON-Advance Construction

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW								
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	
MC9. Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Hina Avenue	DES		500																								
	CON					0	3,120					1	3	2		1			1		13	1	1			11	
<i>Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marketing, signage and safety improvements. Approximately 0.76 miles.</i>																											
MC10. Kamehameha Avenue (Route 3940) Traffic Signals at Kane Street	DES	defer	250																								
	CON		defer/inflate	1,250									1	3	1				2		13		2			11	
<i>Traffic signal installation, intersection improvements, curb ramp improvements</i>																											
MC11. Kaupakalua Road (Route 365) Resurfacing, Hana Highway to Makawao Avenue	CON	defer/inflate	3,950																								
<i>Med priority. Listed in Bike Plan HI. Project #32. ROW may not exist to accommodate bicyclists. High priority. Include wide shoulders for bike/ped use (x2). Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.</i>																											
MC12. Kokomo Road (Route 366) Resurfacing, Hanamalia Place to Makawao Avenue	CON					defer out																					
<i>Resurface pavement on Kokomo Road from Hanamalia Place to Makawao Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 3.51 miles.</i>																											
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360)	DES	defer	100																								
	CON		defer/inflate	5,720										5		1			4		11		1			10	
<i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																											
MC14. Kulanihakoai Bridge Replacement (South Kihei Road - Route 3100)	DES		500																								
	ROW		200																								
	CON			defer/inflate	4,160									1					4		11		1			10	
<i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																											
MC39. Lahaina Watershed Flood Control Project, Phase 2	CON		3,968																								
<i>NEW PROJECT. Project was unable to be funded in 2010. It was deferred because an interagency agreement is needed. Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean.</i>																											
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360)	DES	defer	500																								
	CON					defer/inflate	3,744							5					5		11		2			9	
<i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																											
MC16. Lono Avenue (Route 3950) Pavement Reconstruction, Kamehameha Avenue to Laau Street	DES		500																								
	CON					defer out																					
<i>Reconstruct pavement on Lono Avenue from Kamehameha Ave. to Laau Street. Approximately 0.9 miles</i>																											
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910)	CON	defer/inflate	2,400																								
<i>Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements</i>																											

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW							
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other
MC18. Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napili Hau Road <i>Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.</i>	ROW	defer	1,000																							
	CON		defer/inflate	9,900																						
									4					4	5						5	8				2
MC19. Lower Main Street (Route 3830) Improvements, Hala Street to Mill Street (Route 3840) <i>Road widening with curb and gutters, sidewalk and drainage improvements. Approximately 0.42 miles.</i>	DES			800																						
	ROW				1,500																					
	CON					defer out							2	6		1				5	8				1	7
MC20. Mahalawa Bridge Replacement (Hana Highway - Route 360) <i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>	DES		500																							
	CON					defer out																				
MC21. Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School <i>Increased cost estimate</i> <i>Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles</i>	CON	2,000																								
									1					3						1	2	12			2	10
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School <i>Increased cost estimate</i> <i>Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School</i>	ROW	1,000																								
	CON			defer/inflate	11,960																					
MC23. Makawao Avenue - Makani Road (Route 3630) Improvements Phase II - Eddie Tam Gymnasium to Baldwin Avenue (Route 390) <i>Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Baldwin Avenue</i>	DES			500																						
	ROW			500																						
	CON																									
MC24. Mill Street (Route 3840) Extension, Lahainaluna Road (Route 3040) to Aholo Street <i>Improve existing road from Lahainaluna to Dickenson and construct new road from Dickenson to Aholo with two lanes and paved shoulders. 1.14 miles.</i>	DES				defer out																					
	ROW					defer out																				
	CON						defer out																			
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street <i>High priority. The Imi Kala extension must be completed to ease traffic congestion and volume on Central Avenue!</i> <i>Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>	DES			200																						
	ROW				500																					
	CON					defer/inflate	730																			
MC26. Old Haleakala Highway (Route 367) Improvements, Haleakala Highway Off-Ramp to Kula Highway <i>Resurface pavement on Old Haleakala Highway from Haleakala Hwy off-ramp to Kula Hwy. Improvements include pavement striping and marking, signage and safety improvements. 0.2 miles</i>	DES		500																							
	CON					defer out																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11	FFY12	FFY2013	FFY2014	FFY2015	FFY2016	HIGH						MEDIUM					LOW								
		(Oct 1, 10 - Sep 30, 11)	(Oct 1, 11 - Sep 30, 12)	(Oct 1, 12 - Sep 30, 13)	(Oct 1, 13 - Sep 30, 14)	(Oct 1, 14 - Sep 30, 15)	(Oct 1, 15 - Sep 30, 16)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other		
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)																				
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	DES		200																								
	CON			defer out		860		2		1		1			3						3	12		1			11
<i>Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																											
MC28. Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street	DES		200																								
	CON		500					1				1			5						5	11		2			9
<i>Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.</i>																											
MC29. South Kihei Road (Route 3100) Traffic Signal Upgrade and Intersection Improvements, Piikea Ave to Lipoa Street (Route 3160)	DES		300																								
	CON						defer out	4		1			3	5		1					4	7					7
<i>Traffic signal installation, widen roadway from 2 to 4 lanes, curb, gutter, sidewalks, drainage, curb ramps, interconnection.</i>																											
MC30. Waiale Road (Route 3180) Extension Waiko Road to Honoapiilani Hwy (Route 30)	DES		defer out																								
	ROW		defer out																								
	CON					defer out		3		1		1	1	8	2						6	11		1			10
<i>Med priority. Project listed in Bike Plan HI. Project #2 & #3. Include shoulders for bike/ped use (x3). Road Extension for two lanes, paved shoulders, and drainage improvements. From Waiko Road to Honoapiilani Hwy. Approximately 1.0 mile.</i>																											
MC31. Waiale Road (Route 3180) Traffic Signals at Waiinu Road	DES	defer	150																								
	CON		defer/inflate				780	2		1		1	2								2	13		1			12
<i>Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																											
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road	DES	defer	500																								
	CON			defer/inflate		3,640		8	2	1		1	4	4							4	11		1			10
<i>High priority. Include minimum 4ft wide shoulders for bike/ped use (x3). Connector to Kuihelani Hwy. Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.</i>																											
MC33. Waiohonu Bridge Replacement (Hana Highway - Route 360)	DES		50																								
	CON		4,100					2				1	1	3							3	12		2			10
<i>Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																											
MC34. Waipuilani Bikepath	DES		300																								
	CON			defer/inflate		1,600		1					1	8	3	1					4	14		1	1		12
<i>Construct bikepath on beach reserve, from Kulanihokoi Street to Waipuilani State Park. Approximately 0.5 miles.</i>																											
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	DES		200																								
	CON			defer/inflate		728		0						2							2	14		2			12
<i>Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																											
MAUI : COUNTY OF MAUI - FHWA TOTAL			24,950	18,250	19,670	22,488	14,980	730																			

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED D R A F T MAUI SURVEY RESULTS
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: July 13, 2010

PROJECT	PHASE	FFY11 (Oct 1, 10 - Sep 30, 11)	FFY12 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	HIGH						MEDIUM					LOW							
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other	Total	Upcountry	Kihei	Lahaina	Kahului	Other
COUNTY OF MAUI - FTA																										
MC36. Bus and Bus Facility <i>High priority. Include 2 or 3 bike carriers on all new buses. Consider bike parking at bus stop locations if space exists.</i> <i>Purchase buses and operate bus transit facilities</i>	EQP/OPR	819	844	869	894	919	944	10		1			9	5					5	3		1				2
MC37. Rural Transportation Program <i>Operate Public Transit System</i>	OPR	844	869	894	919	944	969	9		1			8	5					5	3		1				2
MAUI : COUNTY OF MAUI - FTA TOTAL		1,663	1,713	1,763	1,813	1,863	1,913																			

Survey submittals

- 3 - Upcountry meeting
- 1 - Kihei meeting
- 1 - Kihei fax
- 2 - Lahaina meeting
- 1 - Lahaina mail
- 2 - Kahului meeting
- 24 - Email
- 34 = Total

Meeting attendance

- 5 - Upcountry
- 4 - Kihei
- 7 - Lahaina
- 6 - Kahului

RESPONSES TO THE OahuMPO CAC TIP RECOMMENDATIONS

In May and June 2009, the OahuMPO CAC provided early input to the FFYs 2011-2014 Transportation Improvement Program (TIP) by developing a list of recommended transportation projects for inclusion into the FFYs 2011-2014 TIP. The recommendations were presented to the OahuMPO Policy Committee for their consideration when selecting projects for the TIP. The Policy Committee requested that the recommendations be forwarded to the City and State implementing agencies.

The first 5 columns in the table below consist of the CAC's recommendations – without change. The 6th column contains responses to those recommendations.

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
New	Bicycle Path, Manoa Park to Ala Wai Canal, following Manoa Stream	HDOT	Inclusion in TIP	This project would implement an O'ahu element of the State of Hawaii's Bike Plan, constructing a bike pathway from Manoa Valley District Park to the Ala Wai Canal, following the Manoa stream.	
55 - ORTP	Central Mauka Road, Second Access, Mililani Mauka to Waiawa	HDOT	Inclusion in TIP	The ORTP 2030 projects four-hour travel times to and from Central/Leeward Oahu to downtown by 2030. This is the only proposed project in Central Oahu that provides additional lane capacity and will take over 17 years to design and construct. As such, it should be included as part of the TIP if it is to be completed by 2030 and have any impact on traffic congestion in an area which will have more people than Ewa-Kapolei by the year 2030.	City and County of Honolulu project.

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
S62 - TIP (FYs '06-'08)	Elderly & Persons with Disabilities Program Vehicle Acquisition for Urban Areas	HDOT/ DTS	Inclusion in TIP	Project S62 would acquire and modify vehicles to include access for the special needs of the elderly and disabled where mass transit services are unavailable, insufficient, or inappropriate.	
S09 - TIP	Fort Barrette Road, Widening, Farrington Highway to Barber's Point Gate	HDOT	Accelerate construction from 2013 to 2010	If project S09 is ready, it needs to be accelerated. Development along this corridor requires that Ft. Barrette Road be widened at the earliest possible date. In the surrounding area, there are several Hawaiian Homelands developments, a new senior community called Mahena, Kapolei High School, and continued commercial growth. The road grid must keep pace with development to reduce congestion and enhance public safety.	Project is programmed as OS7 in the FFYs 2011-2014 TIP.
S22 - TIP - HMP	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	HDOT	Accelerate from 2012 to 2011; and incorporate Piikoi and Pensacola Traffic Direction	S22 needs to be placed in the TIP for FY 2011 to eliminate H-1 and adjacent area congestion, and for pedestrian and safety issues.	Project is programmed as OS23 in the FFYs 2011-2014 TIP.

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
New	Piikoi and Pensacola Streets, Traffic Direction Reversal		Reversal	This congestion relief project would ease congestion at this freeway entry choke point. The project may include: pavement repair, shoulder improvements, lighting improvements, sign upgrades and replacements, and traffic signal upgrade and retrofit.	City and County of Honolulu project
S36 - TIP	Interstate Route H-1, Ward Avenue On-Ramp to University Interchange, Eastbound	HDOT	Accelerate design from 2012 to 2010; and incorporate University Interchange Improvements	S36 will improve eastbound traffic flow from Lunalilo Street to the University Interchange.	Planning phase is proposed for FFY 2010 Design phase is scheduled for FFY 2013 in the FFYs 2011-2014 TIP
New	Interstate Route H-1, University Interchange Improvements			This congestion relief project would modify on- and off-ramps at the University Avenue Interchange. The project will include: the construction of new ramps as safety improvements, the closure of the eastbound on-ramp at University Avenue Interchange, and the construction of a new makai-bound off-ramp to University Avenue from H-1.	The scope of this project will be included in S36 above.

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
S72 - TIP	Kamehameha Highway, Rockfall Protection, Vicinity of Wahiawa Town	HDOT	Accelerate from 2012 to 2011	This area is directly adjacent to the Karsten Thot Bridge, a main access to/from Wahiawa and the North Shore. It is the main pedestrian pathway from Whitmore Village to the shops in Wahiawa and the primary emergency vehicle access from Wahiawa to Whitmore Village and the North Shore. The hillside along the roadway in this area has slid twice in recent months, closing the bridge and highway.	HDOT determined that this site is no longer a high priority in need of immediate rockfall protection improvements.
New	Telecommuting Pilot Project	HDOT	Inclusion in TIP	This pilot project is recommended for inclusion to show public agencies and private firms that teleworking would reduce their expenses, improve workers' morale, and reduce congestion.	

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
C06 - TIP	Makakilo Drive Extension	DTS	Accelerate construction	If project C06 is ready, it should be moved up. This extension is necessary to reduce traffic congestion in the Makakilo area. It would provide relief to the H-1 Makakilo Drive off-ramp and the intersection of Farrington Highway and Makakilo Drive. It will also provide an improved safety net for the Makakilo residents in the event of a disaster blocking the exit along Makakilo Drive. This project should be completed at the earliest opportunity.	

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
C1 - ORTP 114 - HMP	Nimitz Viaduct, Keehi Interchange to Pacific Street	HDOT	Inclusion in TIP	<p>Project C1, in concert with the Dillingham Boulevard alignment of rail and improvements to H-1, would reduce congestion. This project is in the State's Highway Modernization Plan.</p> <p>A Contrary View – This \$600 million project should not be included in the TIP, since it will primarily move the existing pinch point at the Keehi Interchange to Pacific Street, resulting in a worsening adverse impact on traffic entering Honolulu via Nimitz Highway during peak morning hours. Allowing two lanes of high-speed traffic from the viaduct to merge on to Nimitz Highway -- which will not be expanded and which is already near gridlock during peak hours -- will cause major and unacceptable queuing on the Viaduct, perhaps as far back as the airport.</p>	<p>HDOT still supports this project as an option for alleviating the congestion through the Kalihi area heading in and out of downtown Honolulu. Currently, the design and construction of this facility is very cost prohibitive and has been put on hold until funding sources (such as tolling or the initiation of the Highway Modernization Plan) can be committed.</p>

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
56 - ORTP	Wahiawa, Second Access, Whitmore Avenue to Meheula Parkway	HDOT	Inclusion in TIP	Project #56 is primarily a second access to both Wahiawa and Whitmore Village and, secondarily, a tie in to the Central Mauka Road. Wahiawa is an island accessible only by two bridges on Kamehameha Hwy. Kamehameha Hwy is the main artery to the North Shore communities, and traffic between the bridges bogs down for several hours each business day. A second access would relieve the local traffic from this section of the highway, as well as provide a bypass in the event either bridge access is unavailable.	City and County of Honolulu project.
New	Geiger Road, Widening, Fort Weaver Road to Kalaeloa and Kamokila Boulevard to Costco		Inclusion in TIP	During early morning and late afternoon traffic volume is creating gridlock. With the future growth of the surrounding communities, the current two-lane facility will require widening.	Geiger Road is a City and County of Honolulu road.
New	Renton Road, Widening, Fort Weaver Road through Verona Village to Roosevelt Boulevard		Inclusion in TIP	Currently, this road is heavily congested and cannot accommodate the trucks, buses and passenger vehicles during peak times.	Renton Road is a City and County of Honolulu Road.

CAC RECOMMENDATIONS					Response
Project #	Description	Agency	Requested Action	Reason for Inclusion	
C24 - FYs 2006- 2008 TIP	Salt Lake Boulevard Widening, Phase 2B	DTS	Inclusion in the TIP	Complete the sixth phase of Salt Lake Boulevard Widening project from Kahuapaani Street to Puuloa Road which began in the 1970s. Phase 2 B Termini is from Maluna to Ala Lilikoi Streets. FY 2003 City CIP funds of \$2.5 million in were encumbered for the Design phase.	

ATTACHMENT TO STIP 4-27-10

Comments on HS26 and HS27 Projects

The purpose of these comments is to suggest that the Hawaii State Department of Transportation to increase the scope of the projects HS26 and HS27 from Henry Street to Honalo Junction to correct the dysfunctional and dangerous traffic conditions on Kuakini Highway at the T-intersections of Haawina and Kalelei Roads.

Kuakini Highway is the only major north south arterial with high traffic volumes in the urban-rural area in North Kona. Neither of the intersections has left turn lanes and both are in a speed limit zone of 55 miles per hour. When a car is stopped on Kuakini Highway to make a left turn, many cars, without slowing down, veer swiftly to the shoulder to pass the stopped car. It is not standard highway practice to use a shoulder as a travel or passing lane except in emergency situations.

Cars at both intersections making a left turn to enter Kuakini Highway face a visibility problem of speeding cars on the shoulder threading back on the main lane. The car on the shoulder also has a problem seeing entering vehicles. Safe entry is exacerbated by the absence of a standard main through lane with a left turn storage lane. The use of the through lane as a left turn lane and the shoulder lane as a through lane is dangerous and perhaps illegal.

The risk of serious injury or death is especially increased when a driver is unfamiliar with the conditions or is impaired. While enforcement and education may be helpful, standard highway intersection engineering is needed. This would mean a geometric cross section showing through lanes, pockets for turning movements and safe merging entry from the side street onto the main lane. Correspondingly, the structural cross section should be adequate. Examples of such layouts are Hualalai Road and Puapuanui Road intersections with Queen Kaahumanu Highway extension.

The study of Hwy 11 from Henry Street to Kamehameha III road should be expanded all the way to Honalo Junction for safety and operational improvements along this stretch of Kuakini Highway.



LINDA LINGLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

BRENNON T. MORIOKA
DIRECTOR

Deputy Directors
MICHAEL D. FORMBY
FRANCIS PAUL KEENO
BRIAN H. SEKIGUCHI
JIRO A. SUMADA

IN REPLY REFER TO:
HWY-PS
2.6152

July 29, 2010

Mr. Harold Murata
P.O. Box 1752
Kealahou, Hawaii 96750

Dear Mr. Murata:

Subject: Statewide Transportation Improvement Program (STIP), FY 2011-2014 (+2)

Thank you for your comments on the Big Island's potential 2011-2014 (+2) STIP projects.

In response to your comments on the Kuakini Highway intersections; when the Kuakini Widening project begins its environmental and design processes, improving the operational and safety concerns along the corridor will be considered by the project planners and engineers.

Additionally, I have forwarded your comments to our Traffic branch for feedback. They informed me they are already aware of the challenges at the intersections of Haawina and Kalelei Roads and are currently monitoring them. It is possible an individual safety improvement project will be initiated, though there are currently other high priority intersections identified.

If you have any questions, please contact Patrick Tom, STIP Manager, Highways Division, at (808) 587-6355.

Very truly yours,

A handwritten signature in black ink, appearing to read "Ken K. Tatsuguchi".

KEN K. TATSUGUCHI
Engineering Program Manager
Highways Division
Planning Branch

bc: HWY-PS

PT:kl

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [Bob Smith" <smith6849@hawaii.rr.com>](#)
Cc: [bishii@co.hawaii.hi.us](#); [Stanley Tamura](#); [Ken Tatsuguchi](#)
Bcc: [Jill M Yamanouchi](#)
Subject: Re: Hawaii Island STIP Survey Response
Date: 07/02/2010 10:02 AM

Mr. Smith,

Thank you for taking the time to inform us of your opinions by taking our STIP project priority survey. We are compiling all the data that we received from these surveys, along with the comments that we received. We will take these results and consider them with the State's and County's priorities when we financially constrain the 11-14 STIP.

We hope to share the results of the surveys and the financial constraint process with you in a couple weeks. Shortly after, we are planning to hold a second round of public informational meetings on the financially constrained 11-14 STIP.

Though the meeting locations have NOT BEEN SET yet, we are planning to be on

The Island of Hawaii - July 26 - 29
Kauai - August 2
Maui - August 9-12

Please check our website for notifications and information on the 2011-2014 STIP...

<http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm>

OR

You can now follow us on **Twitter** to get notifications of any new STIP developments at: <http://twitter.com/HISTIPnews>

Also, stay connected with the STIP by becoming a friend of Stip Hawaii on **Facebook** at: <http://www.facebook.com/stip.hawaii>

Also regarding your comment on the extension and improvement of La'aloa Avenue. La'aloa Avenue is a County road and is currently NOT functionally classified as collector road or bigger... therefore , roadway improvements on this road are not eligible for federal aid funding.

I have forwarded this response and your comments re: La'aloa Avenue to Hawaii County for their information. They would currently need to go forward with any improvements on La'aloa Avenue with only County funds.

Patrick Tom
STIP Manager

▼ ["Bob Smith" <smith6849@hawaii.rr.com>](mailto:smith6849@hawaii.rr.com)

"Bob Smith"
<smith6849@hawaii.rr.com>

To <hwy.stip.projects@hawaii.gov>

cc

05/26/2010 04:30 PM

Subject Hawaii Island STIP Survey Response

Aloha,

Please find attached my response to the STIP survey for Hawaii Island.

A project that should be added to the list as a high priority is the extension and improvement of La'aloa Ave. from Alii Drive to Kuakini Hwy. We were promised this important mauka-makai connector years ago!

Mahalo,

Robert Smith

808 322-6870[attachment "Copy of 100420 DRAFT 11-14 STIP Survey for HAWAII_File G.xls" deleted by Patrick Tom/HWY/HIDOT]

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [Krista Pearson" <kpearson@harbornet.com>](#)
Cc: [Ken Tatsuguchi](#); [Jill M Yamanouchi](#); [Rachel LA Roper](#); [bishii@co.hawaii.hi.us](#)
Subject: Re: 100420 DRAFT 11-14 STIP Survey for HAWAII
Date: 07/06/2010 10:39 AM

Ms. Pearson,

We appreciate your advocacy for bicycling as an alternative mode of transportation/commuting. The DOT studies and implements pedestrian and bicycling improvements on state roadways whenever feasible. In addition to this we are developing an implementation plan for the Tier 1 projects identified in Bike Plan Hawaii that will help to quicken the development of those projects.

Thank you for taking the time to inform us of your opinions by taking our STIP project priority survey. We are compiling all the data that we received from these surveys, along with the comments that we received. We will take these results and consider them with the State's and County's priorities as we financially constrain the 2011-2014 STIP.

We hope to share the results of the surveys and the financial constraint process with you in a couple weeks. Shortly after, we are planning to hold a second round of public informational meetings on the financially constrained 11-14 STIP.

Though the meeting locations have NOT BEEN SET yet, we are planning to be on

The Island of Hawaii - July 26 - 29
Kauai - August 2
Maui - August 9-12

Please check our website for notifications and information on the 2011-2014 STIP...

<http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm>

OR

You can now follow us on **Twitter** to get notifications of any new STIP developments at: <http://twitter.com/HISTIPnews>

Also, stay connected with the STIP by becoming a friend of Stip Hawaii on **Facebook** at: <http://www.facebook.com/stip.hawaii>

Patrick Tom
STIP Manager

▼ "[Krista Pearson" <kpearson@harbornet.com>](#)

"Krista Pearson"
<kpearson@harbornet.com>

To <hwy.stip.projects@hawaii.gov>

cc

05/29/2010 06:41 AM

Subject 100420 DRAFT 11-14 STIP Survey for HAWAII

Greetings Hawaii DOT:

Thank you for considering my comments in transportation planning for Hawaii Island. The survey forwarded by Big Island's PATH [bicycle advocacy organization] is attached to this message as PDF file.

I am a serious road cyclist, riding many miles in West Hawaii/Kona. I find [and many other cyclists also] most West Hawaii roads very dangerous for cyclists. We seriously need wider shoulders, smoother shoulders, bike lanes, better visibility at intersections, and a dedicated cycling path around Big Island. With better roads/paths for cyclists, more cyclists would leave their motor vehicles at home, use fuel-free transportation of cycling and lessen congestion on our very crowded roads. Additionally, with a dedicated cycling path around Big Island, more cycle tourists could safely enjoy our beautiful Island and spend tourist dollars.

Please seriously consider spending money to improve our roads for cyclists.

Thank you,

Krista Pearson

Kailua-Kona[attachment "Copy of 100420 DRAFT 11-14 STIP Survey for HAWAII_File G.pdf" deleted by Patrick Tom/HWY/HIDOT]

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [Chris" <chris@poipubeach.com>](#)
Cc: [Ken Tatsuguchi](#); [Jill M Yamanouchi](#); [wkudo@kauai.gov](#); [Raymond J McCormick](#)
Subject: Re: STIP survey and comment page attached
Date: 07/06/2010 11:01 AM
Attachments: [Highway Planning Branch.pdf](#)

Chris,

Thank you for your comments regarding STIP project KS9 - Kaunualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout. I have forwarded your comments regarding the Kaunualii Hwy. intersection at Maluhia Road to our Kauai District Office and the County of Kauai's Department of Public Works for their information.

Thank you also for taking the time to inform us of your opinions by taking our STIP project priority survey. We are compiling all the data that we received from these surveys, along with the comments that we received. We will take these results and consider them with the State's and County's priorities as we financially constrain the 2011-2014 STIP.

We hope to share the results of the surveys and the financial constraint process with you in a couple weeks. Shortly after, we are planning to hold a second round of public informational meetings on the financially constrained 11-14 STIP.

Though the meeting locations have NOT BEEN SET yet, we are planning to be on

The Island of Hawaii - July 26 - 29
Kauai - August 2
Maui - August 9-12

Please check our website for notifications and information on the 2011-2014 STIP...

<http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm>

OR

You can now follow us on **Twitter** to get notifications of any new STIP developments at: <http://twitter.com/HISTIPnews>

Also, stay connected with the STIP by becoming a friend of Stip Hawaii on **Facebook** at: <http://www.facebook.com/stip.hawaii>

▼ "Chris" <chris@poipubeach.com>



Highway Planning Branch
869 Punchbowl Street, Room 301
Honolulu, Hawaii 96813
Phone: (808) 587-1830
FAX: (808) 587-1787

Memo regarding my submitted STIP survey.

Regarding item:

KS9 Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of
Kahili Mountain Park Road to Hanapepe Lookout

There is an urgent need for improvement just east / north of this area at the intersection of Maluhia Road (520) and Hyw 50 where west bound is turning left to Koloa and Poipu Beach resort areas.

Visitors will miss this turn, and U turn at Kahili Mountain Road, very dangerous, there have been accidents.

Traffic going east / north bound at 50MPH have these left turning cars turning in front of them without warning.

Solution might be:

More prominent signage for west bound stating "Poipu Resort Areas" and indicate left turn coming. Warning light for both directions to slow for this left turning across the east bound lane of traffic.

Mahalo!

Chris Moore
1792 Pee Road
Koloa, HI 96756

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To:
Bcc: [Jill M Yamanouchi](#)
Subject: STIP Survey
Date: 07/06/2010 11:50 AM

Thank you for taking the time to inform us of your opinions by taking our STIP project priority survey. We are compiling all the data that we received from these surveys, along with the comments that we received. We will take these results and consider them with the State's and County's priorities as we financially constrain the 2011-2014 STIP.

Also, in response to the general comments that we received along with your survey responses:

1. Many of you commented on the need to include more bicycle and pedestrian improvements. We study and include bicycle and pedestrian improvements when we improve/widen our highways whenever it is feasible. Feasibility can include; staying within the budget, staying on schedule, and not requiring a radical change in the overall design or scope of work for the project as a whole.

2. Many of you had specific comments on specific proposed or ongoing projects. I will be forwarding these comments to the sponsoring agency for their information.

We hope to share the results of the surveys and the financial constraint process with you in a couple weeks. Shortly after, we are planning to hold a second round of public informational meetings on the financially constrained 11-14 STIP.

Though the meeting locations have NOT BEEN SET yet, we are planning to be on

The Island of Hawaii - July 26 - 29
Kauai - August 2
Maui - August 9-12

Please check our website for notifications, information and updates on the 2011-2014 STIP...

<http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm>

OR

You can now follow us on **Twitter** to get notifications of any new STIP developments at: <http://twitter.com/HISTIPnews>

Also, stay connected with the STIP by becoming a friend of Stip Hawaii on **Facebook** at: <http://www.facebook.com/stip.hawaii>

Patrick Tom
STIP Manager

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [Margaret Wille <margaretwille@mac.com>](mailto:margaretwille@mac.com)
Cc: [Jill M Yamanouchi](#); [Ken Tatsuguchi](#); bishii@co.hawaii.hi.us; [Stanley Tamura](#); [Sal Panem](#)
Subject: Re: STIP COMMENTS
Date: 07/06/2010 02:02 PM
Attachments: [STIP Comments.pdf](#)

Ms Wille,

The Hawaii County Department of Public Works has since informed me that they were at one time pursuing the Lalamilo Connector Road, but encountered a lot of resistance from the adjacent landowners. This caused work on the development of this project to be put on hold. Functional classification of the new roadway is still required for it to be able to use federal funds.

Patrick Tom
STIP Manager

Ms. Wille,

Thank you for your comments on the DRAFT financially unconstrained 2011-2014 STIP. We appreciate the input that we receive from members of the public who are interested in transportation projects.

In response to your comments:

1. **Lalamilo Connector Road**

I believe this roadway would be within the jurisdiction of Hawaii County. It would be up to them to support and propose the inclusion of this project to the STIP.

Also, in order for this road to receive federal aid funding, it would need to be functionally classified as a collector road or greater. I was unable to find a reference to the Lalamilo Connector in our listing of functionally classified roadways.

Functional classification of the road is also among the qualifications to use federal "stimulus" funds.

Functional classification of a new roadway requires a functional classification justification report to be done by the proposer. This report is ultimately approved by the Federal Highway Administration. (FHWA).

I have forwarded your comments to the Hawaii County Department of Public Works.

2. **HS18 - Kawaihae- Waimea Bypass**

The determination of the implementation phasing is first analysed and planned during the development of the environmental documents (the EA or EIS). After the project moves on to the design phase, more detailed study could alter the phasing plan.

I recommend submitting these concerns through the ongoing EIS process and have forwarded your comments to our project manager for the Kawaihae Bypass EIS.

3. **Alternative Transportation**

Thank you for your comments on public transportation. I have forwarded your comments to those managing the FTA funds that are allocated to Hawaii County.

Thank you for your comments on pedestrian and bike projects. We are required to implement bike and pedestrian improvements when we improve/widen our roadways, if feasible.

4. **HC11 - Widen Mamalahoa from Waimea out to Mud Lane**

I have forwarded your comments on HC11 to the Hawaii County Department of Public Works.

5. **Saddle Road**

There currently is an effort to extend the Saddle Road to Queen Kaahumanu Hwy. HS36. It is an on going State DOT effort. I believe that there is currently a planning effort underway to complete the required environmental documentation and that we are anticipating that design for this can start in a few years.

6. **Bridge Projects**

Thank you for your comments of support for our bridge programs.

Patrick Tom
STIP Manager

▼ [Margaret Wille <margaretwille@mac.com>](mailto:margaretwille@mac.com)

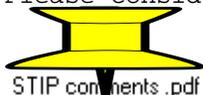
Margaret Wille
<margaretwille@mac.com>

To hwy.Stip.Projects@hawaii.gov
cc

05/26/2010 10:42 PM

Subject STIP COMMENTS

Please consider the attached comments...



Thank you in advance.... Margaret Wille

Margaret Wille
Attorney at Law
65-1316 Lihipali Road
Kamuela, Hawaii 96743
808-887-1419; 808-887-1489
margaretwille@mac.com
May 26, 2010

To: Hawaii Department of Transportation
Re: STIP List 4/27/10

Please consider my comments. I am the Chair of the Waimea Planning and Design Review Committee (implementing the Waimea Design Plan and the South Kohala Community Development Plan). I was previously a member of the South Kohala CDP steering committee and member of the Waimea Community Association Board of Directors. I am an attorney and additionally take on considerable pro bono community work – including the legal action that required Parker Ranch to complete the Parker Ranch Connector Road.

Comments:

1. Lalamilo Connector Road: Based on STIP criteria, the Lalamilo Connector Road should qualify and be on this STIP list. The County General Plan specifically places the Lalamilo Connector Road as a high priority roadway for Hawaii County. See General Plan Section 13.2.5.6.2(g) “To relieve traffic congestion through Waimea town, implement construction of a) Parker Ranch’s connector road from Kamamalu Street to Mamalahoa Highway ; and b) the County’s extension of this road, between Mamalahoa Highway and Kawaihae Road in the vicinity of the Waimea Solid Waste transfer station.”

This Lalamilo Connector Road is important to address the congestion in Waimea , which is the major intersection for cross-island traffic. In addition, considering Waimea’s critical location, this road is also important for civil defense purposes. Parsons Brinckerhoff Inc, in its Waimea Circulation study, concluded the Lalamilo Connector road is essential and clarified that , even if the proposed state Kawaihae Bypass is someday constructed, it will not a substitute for numerous reasons. We, the taxpayers, spent hundreds of thousands of dollars having these studies completed relating to Lalamilo Connector Road yet it is omitted from your STIP list. This road should be added to this list and considered a high priority given its functional benefit both in the immediate area and to all cross island traffic.

The Lalamilo Connector road was, in fact, on the STIP list back in 2004. The only good rationale for not proceeding with Lalamilo Connector at that time, was that the Parker Ranch Connector Road needed to be constructed in order for this Lalamilo Road to be moved to the top of the priority list. The Parker Ranch Connector will be completed in the next couple months.

My guess is allowing this road to be “taken off table” is simply political maneuvering serving certain special interests of those landowners who abut the road corridor and are opposed to its construction.

I believe we (the State/County) could easily secure Federal stimulus funds for this Lalamilo Connector road. Add this road to the STIP and make it a high priority for federal funding.

2. HS 18 The first phase of the Kawaihae –Waimea Bypass. The first phase to be completed should be (as Stanley Tamura stated) the Kawaihae section to Queen Kaahamanu Highway. Kawaihae harbor is about to be developed – and the location and existence of this road is central to this Kawaihae development plan. Timing is critical here. I would suggest that once that Kawaihae phase is in – that the next step will be to have phases 2 and 3 combined and done together. Perhaps even pursue DAR funding at that time. The final Waimea section should connect to Mamalahoa Highway where the State Waimea Bypass will connect, more specifically, south of the Waimea airport.

In my opinion, asking the public to support this road phase 1 without committing to which portion of the road is Phase 1, is deceptive and misleading.

3. Alternative transportation should be highest priority:

- a. A reliable public bus transport system is important. We need to commit to a real public transport system – instead of the current focus – which is solely to service the resorts with a supply of Hilo workers: e.g. buses should run on a 20 minute schedule, including service to the airport. HC-13 and HC-14
- b. There should also be more emphasis on pedestrian and bike projects in this list. HS31, not just HS 25-28.

4. HC 11 –Widen Mamalahoa from Waimea out to Mud Lane is important provided the reconstruction stays within the County right of way (not cut down mature tree canopy). Drainage improvements... otherwise this road will just jeep falling apart. However Keep the Road within the County’s Right of Way (which is enough to add a third lane where need to allow for turning traffic – and provide for a bike lane.). Do not cut down Eucalyptus trees and other mature trees along the road. To do so would be contrary to the Waimea Design Plan and the ‘South Kohala CDP. Considering that the regional Waimea bypass has been shelved for the time being this road is even more important.

5. Hawaii County should push for more DAR (Defense Access Road) funds to complete the Saddle Road all the way to Queen Kaahamanu Highway.

6. I understand we need to do a lot of the bridge repair/work on the STIP list in order to continue receiving federal funds. Obviously those projects should be included on the final list.

From: [Margaret Wille](mailto:Margaret.Wille@hawaii.gov)
To: Patrick.Tom@hawaii.gov
Cc: Jill.M.Yamanouchi@hawaii.gov; Ken.Tatsuguchi@hawaii.gov; Edwin.H.Sniffen@hawaii.gov;
Jiro.A.Sumada@hawaii.gov; Brennon.Morioka@hawaii.gov; bishii@co.hawaii.hi.us; Stanley.Tamura@hawaii.gov;
Sal.Panem@hawaii.gov; Nelson.Sagum@hawaii.gov; tbrown@heleonbus.org; Ryan.Fujii@hawaii.gov;
Rachel.LA.Roper@hawaii.gov; gtakase@co.hawaii.hi.us
Subject: Lalamilo Connector Road: STIP COMMENTS
Date: 07/11/2010 05:01 PM
Attachments: [lala-10-01-239K.pdf](#)
[STIP-10-01-239K.pdf](#)

To: Patrick Tom:

Thank you for your response to my comments-- in particular with regard to the County's Lalamilo Connector Road.

I will contact the County to urge Public Works to get this road project designated in whatever way is needed so that it would qualify for federal and state funds-- so that you can include this road on your stip plans [my understanding is that it was on the STIP list back in 2004 -- was it properly designated as a connector road at that time?] This road project is obviously a connector road -- and is also important from a civil defense.emergency preparedness point of view.

As is public information, I filed an agency appeal with BLNR about the the Lalamilo Road --regarding the BLNR's release of the State-held road corridor in that location. On July 8, 2010 I have appealed to the Third Circuit Court, the Board's decision denying me standing to request a contested case concerning the release of the state-held road reservation. That appeal is now public record:
. Civil-10-01-239K. The BLNR's rulings on this matter are on its public website.

As I have included the State as a Defendant in the appeal to the Circuit Court, I refer you to County of Hawaii Deputy Corporation Counsel Gerald Takase. At this point, I do not feel at liberty to discuss the case other than to provide what information is public information.

I will also advise County Councilman Pete Hoffmann concerning the County's failure (to date) to have this road designated so that federal funds would be available for its construction.

Thank you, Margaret Wille

Begin forwarded message:

From: Hwy.Stip.Projects@hawaii.gov
Date: July 6, 2010 10:11:56 AM HST
To: margaretwille@mac.com
Cc: Patrick.Tom@hawaii.gov, Jill.M.Yamanouchi@hawaii.gov,
Ken.Tatsuguchi@hawaii.gov, Edwin.H.Sniffen@hawaii.gov,
Jiro.A.Sumada@hawaii.gov, Brennon.Morioka@hawaii.gov,
bishii@co.hawaii.hi.us, Stanley.Tamura@hawaii.gov,

Sal.Panem@hawaii.gov, Nelson.Sagum@hawaii.gov,
tbrown@heleonbus.org, Ryan.Fujii@hawaii.gov,
Rachel.LA.Roper@hawaii.gov

Subject: Re: STIP COMMENTS

Ms. Wille,

Thank you for your comments on the DRAFT financially unconstrained 2011-2014 STIP. We appreciate the input that we receive from members of the public who are interested in transportation projects.

In response to your comments:

1. Lalamilo Connector Road

I believe this roadway would be within the jurisdiction of Hawaii County. It would be up to them to support and propose the inclusion of this project to the STIP.

Also, in order for this road to receive federal aid funding, it would need to be functionally classified as a collector road or greater. I was unable to find a reference to the Lalamilo Connector in our listing of functionally classified roadways.

Functional classification of the road is also among the qualifications to use federal "stimulus" funds.

Functional classification of a new roadway requires a functional classification justification report to be done by the proposer. This report is ultimately approved by the Federal Highway Administration. (FHWA).

I have forwarded your comments to the Hawaii County Department of Public Works.

2. HS18 - Kawaihae- Waimea Bypass

The determination of the implementation phasing is first analysed and planned during the development of the environmental documents (the EA or EIS). After the project moves on to the design phase, more detailed study could alter the phasing plan.

I recommend submitting these concerns through the ongoing EIS process and have forwarded your comments to our project manager for the Kawaihae Bypass EIS.

3. Alternative Transportation

Thank you for your comments on public transportation. I have forwarded you comments to those managing the FTA funds that are allocated to Hawaii County.

Thank you for your comments on pedestrian and bike projects. We are required to implement bike and pedestrian improvements when we improve/widen our roadways, if feasible.

4. HC11 - Widen Mamalahoa from Waimea out to Mud Lane

I have forwarded your comments on HC11 to the Hawaii County Department of Public Works.

5. Saddle Road

There currently is an effort to extend the Saddle Road to Queen Kaahumanu Hwy. HS36. It is an on going State DOT effort. I believe that there is currently a planning effort underway to complete the required environmental documentation and that we are anticipating that design for this can start in a few years.

6. Bridge Projects

Thank you for your comments of support for our bridge programs.

Patrick Tom
STIP Manager

Margaret Wille <margaretwille@mac.com>

05/26/2010 10:42 PM

To hwy.Stip.Projects@hawaii.gov
cc
Subject STIP COMMENTS

Please consider the attached comments...

Thank you in advance.... Margaret Wille

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [wahler robert <fuzzrabbit@hotmail.com>](#)
Cc: [Patrick Tom](#); [Brennon Morioka](#); [Jiro A Sumada](#); [Stanley Tamura](#); [Ken Tatsuguchi](#); [Dave.Gedeon@fhwa.dot.gov](#); [Jill M Yamanouchi](#)
Subject: Re: STIP and Saddle Road
Date: 07/13/2010 10:58 AM

Mr. Wahler,

I hope I have understood your comments correctly. The development of the Saddle Road Improvements (and all of our highway projects) must have gone through some kind of environmental and design feasibility study. These studies look at things like benefit-cost and social economic and environmental impacts. The improvements that we end up designing and constructing are a direct result of these studies.

You might be talking about the proposed Saddle Road Extension. The intent of that project is to extend Saddle Road on the Kona side from it's current terminus at the Old Mamalahoa Highway to the Queen Kaahumanu Highway. There is currently an environmental study being conducted to determine how this could be done.

Generally, when you compare the cost for improving an existing roadway verses a new at-grade roadway, there would be a significant cost difference as well as much more environmental impacts. The added cost and impacts of tunnelling through or bridging over mountains would be even greater. Sometimes these added costs and impacts are the limiting factor in our roadway projects and roadway system development.

I have also forwarded your comments and this response to our administration, our Highways District Engineer on the Island of Hawaii and the federal manager of the Saddle Road Improvements project.

Patrick Tom
STIP Manager

▼ [wahler robert <fuzzrabbit@hotmail.com>](mailto:wahler.robert@fuzzrabbit@hotmail.com)

wahler robert
<fuzzrabbit@hotmail.com> To <hwy.stip.projects@hawaii.gov>
cc
07/12/2010 12:05 PM Subject STIP and Saddle Road

Sirs, I don't understand why (unless the Feds don't want a road in their Military Reserve) the Saddle Road isn't an arrow-straight 4-lane Highway to Holualoa. The Hilo side will be fine now with the new construction soon to be done, but the Kona side is a joke. This is the obvious missing link in our road system. Why force us all to go around these damn

mountains, when we could go right BETWEEN them?! It would be a huge improvement in every way to life on this island. --Robert Wahler Pepe'ekeo 896-6203

Hotmail has tools for the New Busy. Search, chat and e-mail from your inbox. [Learn more.](#)

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [John Scanlon <john@alohashack.net>](mailto:john@alohashack.net)
Cc: [Brennon Morioka](#); [Jiro A Sumada](#); [Ryan Fujii](#); bishii@co.hawaii.hi.us; [Ken Tatsuguchi](#); [Jill M Yamanouchi](#); [Stanley Tamura; tbrown@heleonbus.org](mailto:tbrown@heleonbus.org)
Subject: Re: INPUT RE; HAWAII STATE TRANSPORTATION PLANNING
Date: 07/13/2010 11:57 AM

Mr, Scanlon,

Thank you for your comments.

Though a rail transportation system makes sense in many places, federal funding for it, outside of metropolitan areas such as Honolulu, has been very limited. As we have seen with the development of Honolulu's rail option, it can be an expensive improvement.

I have forwarded your comments and this response to our administration and Hawaii County's Department of Public Works, since transit is a county function.

Patrick Tom
STIP Manager

▼ [John Scanlon <john@alohashack.net>](mailto:john@alohashack.net)

John Scanlon
<john@alohashack.net> To hwy.stip.projects@hawaii.gov
cc
07/12/2010 10:03 PM Subject INPUT RE; HAWAII STATE TRANSPORTATION
PLANNING

Greetings,

A rail transportation idea from Hilo to Kalapana makes good sense.

It could a light weight rail system that uses electricity and is powered by the steam generators already existing.

It could quiet, non polluting and free of oil based dependency. The rail could carry daily commuters, and freight. There could be commuter parking areas along the route, Hawaiian Paradise Park, and other subdivisions.

This is not a new idea, but would be modern and high tech, the rail right of way still exists. It has no major trestles or expensive issues.

It's a "Green" technology and just makes good sense.

The existing highway could have a lower budget face lift. The traffic

would be reduced to about half during commute time. There
could be branch lines built now before future development, I.E.
The
Keaau school complex.

This would reduce serious cars accidents on Hwy, 130.

These are just a FEW benefots of having a rail transportation
system
in Puna.

Mahalo,

John Scanlon Keaau.

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: cookshi@aol.com
Cc: [Jill M Yamanouchi](#)
Subject: STIP Priority List
Date: 07/13/2010 01:47 PM

Ms. Cook,

We have received your comments re: your priorities for STIP projects on the island of Hawaii. We have included your priorities with our survey results and have used these results to assist us in determining which projects will remain in the financially constrained 2011-2014 (+2) STIP.

FYI, we will be returning to the Big Island during the week of July 26. We will be sharing with the communities the survey results and the financially constrained STIP. Here is our Big Island meeting schedule. All Meetings will begin at 6:00pm.

Monday, 7/26 - Hilo State Office Building
Tuesday, 7/27 - Keaau Community Center
Wednesday, 7/28 - Waimea Civic Center
Thursday, 7/29 - Kealakehe Intermediate School, Cafeteria

Patrick Tom
STIP Manager

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: zarley2k@msn.com
Cc: [Jill M Yamanouchi](#)
Subject: Comments on STIP projects HS26 and HS27
Date: 07/14/2010 08:18 AM

Mr. Murata,

Thank you for your comments. We have received your priorities for STIP projects on the Big Island along with your comments on Kuakini Highway.

I have forwarded your comments on Kuakini Highway to your traffic branch for their information and consideration.

We have compiled your priorities with the Hawaii Island survey results. We have used these results to help us in the decision making process for financially constraining the 11-14 STIP.

We will be returning to all the islands to share the financially constrained STIP and next steps in the update process.

Here is our Big Island schedule.

All meetings will start at 6pm.

Big Island

Monday, 7/26 - Hilo State Office Building

Tuesday, 7/27 - Keaau Community Center

Wednesday, 7/28 - Waimea Civic Center

Thursday, 7/29 - Kealakehe Intermediate School Cafeteria

Patrick Tom
STIP Manager

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: Leslie.Agorastos@gmail.com
Cc: [Stanley Tamura](#); Dave.Gedeon@fhwa.dot.gov; [Ken Tatsuguchi](#); [Jill M Yamanouchi](#)
Subject: Re: Saddle Road
Date: 07/26/2010 08:02 AM

Ms. Agorastos,

Thank you for your support of the Saddle Road Improvement project. The project remains a priority for us. Hopefully, we will be able to develop the improvements between MP 42 and Mamalahoa Highway as quickly and efficiently as possible.

I have forwarded your comment to our State District Engineer for the Island of Hawaii and our contact at FHWA who manages the Saddle Road Improvement project.

Patrick Tom
STIP Manager

▼ "[Leslie M. Agorastos](mailto:Leslie.M.Agorastos@gmail.com)" <leslie.agorastos@gmail.com>

"Leslie M. Agorastos"
<leslie.agorastos@gmail.com>

To <Hwy.stip.projects@hawaii.gov>
cc

07/23/2010 04:08 PM

Subject Saddle Road

Please respond to < Leslie.Agorastos@gmail.com >

Gentlemen;

I am sorry that I cannot make any of your meetings. Here is my vote for your upcoming budget.

Saddle Road from about 49 mile marker to about 54 mile marker [Mamalahoa Hwy.] Sorry, I don't have the exact miles noted.

This road is basically as it was after WWII. It is crumbling. There is extremely poor visibility for 3 gulch crossings where one side is to yield. The fixes don't have to be fancy, just safe. I have lived on Saddle Road in Waiki'i since 1979. It has been promises, promises. Somebody please repave this road. Please, please make it safe.

Aloha,
Leslie Agorastos

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [RICH YOUNG <richntesa@msn.com>](#)
Cc: [Ferdinand Cajigal](#); [Cary.Yamashita@co.maui.hi.us](#); [Sean Hiraoka](#)
Bcc: [Jill M Yamanouchi](#)
Subject: Re: DOT Hearings - Maui
Date: 07/26/2010 08:55 AM

Mr. Young,

Thank you for your comments regarding traffic and traffic safety on Maui. I have forwarded your comments to our Maui State District Engineer, The Maui County Department of Public Works (DPW) and our State Highway Traffic Safety Section.

During our STIP public informational meetings we shared with the public, projects that are seeking limited federal aid funding and that will be ready to go in the near term. The State DOT and County of Maui DPW have safety programs that monitor and identify areas of roadway for possible safety improvements. Because there are limited funds, these programs also prioritize the needs. These safety programs operate separately from the STIP. I recommend followup with those who have been copied on this response to advocate safety improvements in your areas of interest and to learn more about our safety programs.

It is possible that someone is developing improvements in the areas that you describe with the intent of using only local (State or County) funds... If this is the case, those improvement projects would not show up on the STIP.

Patrick Tom
STIP Manager

▼ [RICH YOUNG <richntesa@msn.com>](#)

RICH YOUNG
<richntesa@msn.com> To <hwy.stip.projects@hawaii.gov>
cc
07/22/2010 11:07 PM Subject DOT Hearings - Maui

To Whom it May Concern:

The area of Maui from Waihee to Kahakuloa is in need of improvements - there are few if any guardrails along the majority of the road from mile marker 7 to about 16 (villaged at Kahakuloa). It is considered a one lane road - It is now a county road - a long time ago it was a state road - when there are closures along honoapiilani hwy from Lahaina to Maalaea - it create grid lock along this back side road. Many have driven over the edge due to poor markings and lack of guard rails. This road is traveled daily by tourists to the same extent as

is the road to Hana. A widening and guardrail project is needed along this stretch of road.

I have two questions:

Was this area of the island discussed or examined during the first round of hearings? and to what extent?

If there are concerned individuals from this part of the island - what are the chances of adding this project to the priority list?

Thank you,

Richard Young
P.O. Box 2897
Wailuku, HI 96793

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: [Margaret Wille <margaretwille@mac.com>](#)
Cc: [Ken Tatsuguchi](#); [Jill M Yamanouchi](#)
Subject: Re: Fwd: STIP road classification
Date: 08/04/2010 10:30 AM

Margaret,

I am not that aware of the status of the projects in the Waimea area and even less so regarding the politics involved with them, however, I can tell you that HDOT has begun a statewide effort to TOTALLY UPDATE the functional classification of ALL state roadways and plans to develop and document the update process and a revision process. This effort will likely take nearly two years. In the meanwhile, should changes to the existing functional classification of a road be needed sooner than that, we have requested that people/agencies interested in getting a road functionally classified submit to HDOT a Functional Classification Justification Report. This report should be based on the Functional Classification Guidance that FHWA has produced... Here is the link to the FHWA guidance.

<http://www.fhwa.dot.gov/planning/fctoc.htm>

Please note that Hawaii, being a non-contiguous state (along with Alaska) has the luxury of a few exceptions to these guidelines (these exceptions are spelled out in the guidelines), but in general, the guidelines are still applicable to us.

Once a functional classification report is submitted to us, we review it, and if it's sound to us, we forward it to FHWA for their ultimate approval. Once FHWA approves, the functional classification of the roadway is established.

I believe the County of Hawaii already knows this, as they had to go through this process for their Ane Keohokalole Hwy last year.

Patrick Tom
STIP Manager

▼ [Margaret Wille <margaretwille@mac.com>](#)

Margaret Wille
<margaretwille@mac.com>

To Patrick Tom DOT STip <Hwy.Stip.Projects@hawaii.gov>
cc

08/02/2010 10:36 AM

Subject Fwd: STIP road classification

Hi Patrick Thanks for your prompt response. 23 CFR really had me in circles.

What I was looking for in particular is how the County goes about doing this functional classification. (I am sure the folks at County know this -- but I thought it would be helpful for me to understand the mechanics of this classification program. Presumably there is a form they fill out and submit to someone. Where is that basic info to be found. I would assume in some regulations or agency guidelines. **CAN YOU POINT ME TO SUCH INFORMATION?**

Following the Waimea STIP meeting I only had a chance to speak to Warren Lee about this very briefly, but plan to contact him further as well as Mayor Kenoi. Galen Kuba was really the energy and knowledge at PW about this road -- and he retired a couple months ago.

Given the STIP deferral of the State Highway from Kohala Coast to Waimea -- it makes common sense for the state and county to renew the push on the lalamilo connector road. This Connector Road certainly is a higher priority than upgrading the section of Mamalahoa to Mud Lane.

Here is my take on the situation: The County was not pushing hard on this Lalamilo road project:

1. given state DOT's push for the State Highway from Kawaihae to Waimea area--even though the Parsons Brinckerhof study made clear that the Lalamilo Connector Road is needed regardless of whether the State Road is completed.

2. DOT seemed to be making progress moving the State Highway along with STIP/federal funding.
3. NIMBY issues with the Lalamilo farmlot owners, residences, and Parker Ranch presumably (with DOT/Dept of Ag assisting in that opposition)
4. DOT seemed to be negative towards the Lalamilo Connector given its "competition" with the state highway and even encouraged the farmlot owners to seek to buy out the reserved Lalamilo road corridor. (and based on the advise of a DOT assistant attorney general -- the BLNR voted to allow the farmlot owners to buy out this road corridor. [Obviously all of the above reasons -- do not address the question of whether we as a community, district, and County need this Lalamilo connector road.... but are instead politics-as-usual].

However a few factors now tip the scales:

1. Both the County and I are involved in litigation to reverse the decision of the DLNR -- and the key hearing will be held on September 13th -- not too long from now.
2. Given all the archeology issues, the State Highway is likely to be deferred significantly (not to mention that it doesn't take a rocket scientist to realize that the Kawaihae section of the STate highway should be the first section constructed.)
3. The Lingle Administration will be out of office soon.

I am going to meet with County folks on this issue, and will see what happens. Anyway -- I would appreciate the info about how to classify this connector road as a connector road. [Former Planning Director Chris Yuen told the Planning Commission he would do this years ago, but then never did.)

Thanks.. MW

Begin forwarded message:

From: Patrick.Tom@hawaii.gov
Date: August 2, 2010 9:32:23 AM HST
To: margaretwille@mac.com
Subject: Re: STIP road classification

Margaret,

I appear to have been mistaken. If I recall correctly, you are looking for a reference that says there is a functional classification minimum to meet the eligibility to use federal funds... I previously recalled that it was in the Code of Federal Regulations... However, upon review of 23 CFR, I was wrong. I did a quick review of the United States Code (23 USC) and found the reference there... Sorry, I get the references to the CFR and USC mixed up easily...

Anyway, I found the reference I was trying to cite you last week. It's in 23 USC 133(c)... The Surface Transportation Program.

(c) Location of Projects.--Except as provided in subsection (b)(1), surface transportation program projects (other than those described in subsections (b)(3) and (4)) **may not be undertaken on roads functionally classified as local or rural minor collectors**, unless such roads are on a Federal-aid highway system on January 1, 1991, and except as approved by the Secretary.

Here is the website for 23 USC 133 (c)

[http://frwebgate.access.gpo.gov/cgi-bin/usc.cgi?ACTION=RETRIEVE&FILE=\\$\\$xa\\$\\$busc23.wais&start=967023&SIZE=30477&TYPE=TEXT](http://frwebgate.access.gpo.gov/cgi-bin/usc.cgi?ACTION=RETRIEVE&FILE=$$xa$$busc23.wais&start=967023&SIZE=30477&TYPE=TEXT)

This is only for our Surface Transportation Program and does not apply to the other major federal funds, such as National Highway System (NHS), Interstate Maintenance (IM) or Bridge... HOWEVER, NHS and IM imply that the project MUST be on the NHS

system, which I believe are all Arterials... and on the Interstate... which is basically H-1, H-2, H-3 and H-201 on Oahu.

Any bridge (**as long as the structure is longer than 20'**) can qualify for federal Bridge funds regardless of what road it carries.

Hope this helps.

Patrick Tom
STIP Manager

Margaret Wille <margaretwille@mac.com>

08/02/2010 08:32 AM

To Patrick.Tom@hawaii.gov

cc

Subject STIP road classification

Patrick --

At the stip meeting you mentioned the 23 CFR reference regarding functional road classifications... Can you give me the exact CFR site? I am having trouble locating it. Thanks, Margaret Wille (or call at 854-6931)

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: BBrewer4AR@aol.com@STATEHIUS
Cc: Cary.Yamashita@co.maui.hi.us; nolly.yagin@co.maui.hi.us
Bcc: [Jill M Yamanouchi](#)
Subject: Re: Proposed project
Date: 08/16/2010 09:03 AM

Mr, Brewer,

Thanks for your comments on South Kihei Road.

South Kihei Road is under the jurisdiction of Maui County to operate and maintain. As the State DOT, we cannot initiate improvements on non-state roadways. I have copied the Maui County Department of Public Works on this response to forward your concerns about the condition of the roadway. I recommend coordinating directly with them for further discussions on County roads.

Patrick Tom
STIP Manager

▼ BBrewer4AR@aol.com

BBrewer4AR@aol.com

To Hwy.Stip.Projects@hawaii.gov
cc
08/14/2010 09:07 AM
Subject Proposed project

Greetings Project Directors:

I am a resident of South Kihei Road, and am aware that this route is an alternate arterial road. However, if and when the Pi'ilani Highway has a nearby fire or major accident, then South Kihei Road becomes the major arterial route between Ma'alea and Makena, including Kihei and Waile. The tourists and residents commonly crowd this road to access the many businesses that line the roadway, so daily traffic volumes are significant.

I have observed projects of late that have severely caused the deterioration of this road, and complete repaving is now necessary in portions. The northbound lane from Uwapo to

Kulanihakoi has had trench work done within the last year. The company that did the work did not use a roller when repaving, instead using the tires of the largest vehicles to compact the asphalt. This has resulted in a very bumpy surface that is so wide that it can not be straddled, nor can a driver avoid it by driving on the left or right side of the lane. A steel plate is currently over covering the lane just south of Uwapo. Additionally, a broken water main was repaired just south of Kauhaa Street that was trenched across the northbound lane and over-filled to create a notable rough ridge in the roadway.

The overall condition of the road shows alligator cracking and deterioration that indicates the original, or last re-paving, has reached its life limits. This has be exacerbated by the occasional flooding that occurs in this area, which further undermines the integrity of the roadway. This ultimate results in damage to vehicles through abnormal use of shock absorbers, tires, and all suspension components. Additionally, a worn road has a reduced coefficient of friction, which overall may increase the likelihood of accidents. Should these conditions continue, I feel it presents a liability to Maui County that we can not afford.

Sincerely,
William Brewer

From: [Hwy Stip Projects](#)
Sent By: [Patrick Tom](#)
To: cabral@maui.net
Cc: [Ferdinand Cajigal](#); [Sean Hiraoka](#); Cary.Yamashita@co.maui.hi.us
Bcc: [Jill M Yamanouchi](#)
Subject: Re: Missed your public meetings
Date: 08/24/2010 03:50 PM

Ms. Cabral,

Thanks for your comments. I am forwarding your safety comments via copying them on this response, to our Maui District engineer, our Highway Safety Engineer, and Maui County Department of Public Works.

I recommend coordinating directly with our Maui District and the County of Maui to identify future highway projects that may qualify for federal aid funding through the Statewide Transportation Improvement Program. We are unable to program projects that are not identified and created through our various project management systems first.

Patrick Tom
STIP Manager

▼ ["Sylvia Cabral" <cabral@maui.net>](#)

"Sylvia Cabral"
<cabral@maui.net>

To <Hwy.Stip.Projects@hawaii.gov>
cc

08/22/2010 09:47 AM

Subject Missed your public meetings

Please respond to <cabral@maui.net>
--

aloha, I want to once again request improvement of the Kula Post office ingress/ egress

lighting would help and move the guard rail back to have a turn off lane when driving uphill as drivers behind force off road, turn in very rough although they paved recently they did nothing at the entrance.

also, please place a guard rail at corner of 16 milemarker (Hana District) Kanaio Kalama Road makai private road (State) the drop off is steep and I have sent you pictures of the huge trucks that turn there. Also, Ulupalakua ranch has their new road Papauka Road that comes from kihei to Upper Kanaio Hawaiian Homes (Auwahi)

Please open any attachments at bottom of the page, aloha

808 879 9007
Sylvia Cabral

PO Bx 746
Puunene, Maui 96784
efax: 1 775 587 2305

www.sylviacabralrealty.com