

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. Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E <i>Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards</i>	DES				530				7		1	6
	ROW					65						
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge <i>Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.</i>	ROW	defer/inflate	100						7	3		4
	CON			defer/inflate	7,070							
	ADVCON					AdvCON						

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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.</i> <i>Replace temporary Wainiha Bridges</i>	CON						defer out	8	4		4

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KS13. Kuhio Highway (Route 560), Bridge Replacements Waioli, Waipa, and Waikoko Stream Bridges This process of repair must begin before situation reaches crisis. Replace existing bridges	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 Widen bridge to accommodate roadway widening	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. Extremely low. All other 560 project involve safety. Lookout is like frou frou in comparison to extreme importance of bridge maintenance and repair. Construct improvements to Hanalei Scenic Lookout	CON	delete						8	2		6
KS16. Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I Phase 1A Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative	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 Increase cost estimate Low priority. Not as important as bridge repair/maintenance. 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	CON	1,460						8	1		7
KS18. Kuhio Highway (Route 56) Safety Improvements in the Vicinity of Wailua Golf Course Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements and install/replace pavement markings and signing.	CON	funded in 2010						6	1	1	4

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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.</i> <i>Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians an 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				

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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	1,000						6	2		4
		ROW		defer/inflate		7,280						
		CON			defer out							
	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.											
KC2.	Bridge Inspection and Appraisal	PLN/DES	125		125				6	3	1	2
	Inspection of various bridges throughout the County. FHWA Requirement.											
KC3.	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement Changed phase from CON to DES/CON	DES/CON	475	advance/decr					6	3		3
	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.											
KC4.	Hardy Street (Route 572) Improvements Changed phase from CON to DES/CON	DES/CON	4,500						5	2		3
	Safety imprvmnts 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											
KC5.	Kamalu Bridge (Route 581) Erosion Protection Repairs	CON	300						6		1	5
	Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.											
KC6.	Kamalu Road (Route 581) Bridge Replacement	PLN				200			6			6
		DES					400					
	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.											
KC7.	Kapahi Bridge Replacement	CON		5,000					6			6
	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.											

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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								6	3		3
	CON	defer/inflate	6,700									
Phase C	PLN	20										
	DES	100										
	ROW	250										
	CON		defer/inflate	1,560								
								<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 Lihi 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>				
KC18.	Maluhia Road (Route 520) Improvements <i>This project was added late. Re-numbering could not be done.</i>	PLN	40						8	4		4
	DES			500								
	ROW					80						
	CON						7,650					
<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>												

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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 Kaumualii 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				

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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
	EQP	127	130	134	138	141	145				
<i>Operate Public Transit System</i>											
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.