

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #3 (Pre-Approved Administrative Modification)
Revision Effective Date: Feb 18, 2016**

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FHWA																				
S1. Bikeway Improvements at Various Locations, Statewide Enhance	DES							0	0	0				300	240	60				STP FLEXIBLE
	ROW	0	0	0							55	45	10				50	0	50	(defer program, inflate)
	CON				0	0	0				2,100	1,680	420				500	400	100	
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. Bridge Inspection and Appraisal SysPres	PLN	3,100	2,480	620	3,100	2,480	620	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
	<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																			
S3. Construction Career Days Workforce Development Program Human	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																			
S23. Highway Program Peer Exchange (HDOT-CFL) SysPres	PLN	610	488	122																STP FLEXIBLE
	<i>Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will develop, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																			
S4. Highway Research and Development Program SysPres	PLN	850	680	170	1,600	1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																			
S24. Highway Safety Improvement Program (HSIP), Infrastructure Funding Program Safety	DES							200	180	20				200	180	20				HSIP
	CON										740	666	74				2,000	1,800	200	(reduce statewide line item to reflect additional HSIP projects programmed on Maui)
<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																				
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program Safety	PLN/DES	2,500	2,430	70	700	630	70	700	630	70	700	630	70	700	630	70	700	630	70	HSIP
	<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																			
S6. Highway Shoreline Protection, Statewide SysPres	DES										200	160	40				200	160	40	STP FLEXIBLE
	CON													2,000	0	2,000				(increase supplement estimate)
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S7. Pedestrian Facilities and ADA Compliance at Various Locations Enhance	DES							208	166	42	200	160	40				1,040	832	208	STP FLEXIBLE
	CON																			
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S8. Federal Lands Highway Access Discretionary Program Modern	DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																			
S9. Safe Routes to School (SRTS) Program Safety	Non-Infrastructure																			SAFE ROUTES TO SCHOOL
	Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				
	Infra	0	0	0	1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	0				(infrastructure projects not ready to obligate)
<i>Estimated Total Project Cost - \$6,450,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																				
S10. SNIPP - Statewide Noxious Invasive Pest Program Enhance	OPR	0	0	0	2,130	1,704	426	3,030	2,424	606				3,100	2,480	620	820	656	164	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																			
S11. Statewide Highway Lighting and Traffic Signal Upgrade Program Safety	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	6,000	4,800	1,200	5,000	0	5,000	5,000	0	5,000	NHPP
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	(federalize FFY 2018 program and update estimate)
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																				
S12. Statewide Signing, Striping and Pavement Marking Program SysPres	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
S13. Statewide Guardrail and Shoulder Improvement Program SysPres	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S14. Structural Countermeasures for Scour Critical Bridges SysPres	CON													3,000	0	3,000				LOCAL
	<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																			
S15. Technology Transfer and Technical Assistance Program Modern	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																			
S16. Traffic Counting Stations, Various Locations Modern	CON				0	0	0				1,500	1,200	300							STP FLEXIBLE
	<i>Estimated Total Project Cost - \$4,500,000 -- Construction of statewide traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP.</i>																			
STATEWIDE - FHWA TOTAL		37,705	6,693	31,012	39,475	8,009	31,466	40,333	8,695	31,638	42,790	14,736	28,054	45,885	9,007	36,878	40,065	8,341	31,724	

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STATEWIDE - FTA																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Human</i>																				
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Human</i>																				
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Human</i>																				
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480		2,480		2,800		2,800		2,800		2,800		2,800		2,800		2,800	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
STP ENHANCEMENT			0		0		0		0		0		0		0		0		0	
STP FLEXIBLE			1,318		3,134		3,420		8,875		4,382		2,846		2,846		2,846		2,846	
SECTION 1404 - (Safe Routes to School)			200		1,500		1,400		1,500		750		0		0		0		0	
HSIP (Highway Safety Improvement Program)			2,430		630		810		1,296		810		2,430		2,430		2,430		2,430	
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0		0		0	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265		265		265		265	
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0		0		0	
DISCRETIONARY			0		0		0		0		0		0		0		0		0	
H-3 DISCRETIONARY			0		0		0		0		0		0		0		0		0	
IMD (NHPP Discretionary)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		6,693		8,009		8,695		14,736		9,007		8,341		9,007		8,341		8,341	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(265)		(265)		(265)		(265)		(265)		(265)		(265)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		6,428		7,744		8,430		14,471		8,742		8,076		8,742		8,076		8,076	

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OAHU : STATE - FHWA																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
<i>Estimated Total Project Cost - \$237,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW							585	468	117										NHPP
OS2. Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
OS3. Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW				1,122	898	224													NHPP
OS4. Makaha Bridges #3 & #3A	CON							17,200	4,060	13,140										
	ADVCON										0	9,700	(9,700)							
<i>Estimated Total Project Cost - \$20,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																				
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200	(1,200)													(Additional AC reimbursement needed in FFY 2016)
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 3	CON				5,100	4,080	1,020													
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A	CON							10,000	4,000	6,000										
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A	ADVCON										0	4,000	(4,000)							
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES				2,020	1,616	404													
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3	DES				0	0	0	2,080	1,664	416										(defer, inflate; a consultant has not yet been selected)
	CON																			
	ADVCON													10,000	4,000	6,000				
<i>Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																				
OS9. Freeway Service Patrol	OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																				
OS10. Guardrail and Shoulder Improvements, Various Locations																				
OS10. Guardrail and Shoulder Improvements, Various Locations	CON	0	0	0	2,228	1,782	446													HSIP (defer, inflate; 106 process is ongoing for Ph 1)
OS10. Guardrail and Shoulder Improvements, Various Locations	DES				0	0	0	260	208	52										(defer, inflate Ph 2 one year; currently determining scope of work)
OS10. Guardrail and Shoulder Improvements, Various Locations	CON							0	0	0	3,121	2,497	624							
OS10. Guardrail and Shoulder Improvements, Various Locations	DES										250	200	50							
OS10. Guardrail and Shoulder Improvements, Various Locations	CON																3,000	2,400	600	
<i>Estimated Total Project Cost - \$10,000,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																				
OS11. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
<i>Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign	CON				2,704	2,434	270													
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign	DES				554	499	55													
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign	CON													6,000	5,400	600				
<i>Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																				

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OS13. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Halona Street Bridge)	ROW	25	0	25																NHPP	
	CON				5,400	320	5,080														
	ADVCON							0	4,000	(4,000)											
<i>Estimated Total Project Cost - 6,200,000 -- Rehabilitate existing bridge.</i>																					
OS56. Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Congest Lusitana Street Connection SysPres	CON	0	0	0	4,080	2,300	1,780													Interstate Maintenance Discretionary (defer/inflate; delay in obtaining utility agreement.)	
<i>Estimated Total Project Cost - \$5,000,000 -- Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.</i>																					
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Kapiolani Interchange to Ainakoa Avenue	CON				0	0	0	6,497	4,347	2,150										NHPP (defer, inflate; design and environmental permit process is ongoing)	
	ADVCON							0	0	0	0	1,500	(1,500)								
<i>Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																					
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON				5,520	4,416	1,104													NHPP	
<i>Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																					
OS16. Interstate Route H-1, Highway Lighting Improvements, SysPres Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	CON							0	0	0	7,446	5,957	1,489							NHPP (defer, inflate; no design contract) (delete ADVCON to fully fund in 2018)	
	ADVCON										0	0	0								
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																					
OS17. Interstate Route H-1, Kapolei Interchange Complex Modern Phase 2	CON	4,800	4,300	500																INTERSTATE DISCRETIONARY NHPP NHPP NHPP NHPP	
	CON	65,500	49,500	16,000																	
	ADVCON				0	12,000	(12,000)														
	DES				571	457	114														
	ROW											238	190	48							
<i>Estimated Total Project Cost - \$105,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalailai and Makakilo Interchanges.</i>																					
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct SysPres Improvements, Phase 2	CON																			NHPP	
	ADVCON																				
<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																					
OS19. Interstate Route H-1, PM Contraflow, Westbound Modern Waiawa IC Improvements (four WB through lanes), Phase 1	CON																			NHPP	
<i>Estimated Total Project Cost - \$167,000,000 -- This is part of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.</i>																					
OS20. Interstate Route H-1 Safety Improvement, Safety Beginning of H-1 (Palalailai IC) to Waiawa Overpass	CON							4,080	3,264	816										HSIP	
<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																					
OS21. Interstate Route H-1, Waiawa Interchange, Modern Westbound, Waipahu Off-Ramp Improvements	DES													3,642	2,913	729				NHPP	
<i>Estimated Total Project Cost - \$23,600,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																					
OS22. Interstate Route H-3, Seismic Retrofit, Kuoou Bridge and SysPres Halekou Interchange, Structures 1, 2 and 3	DES				1,080	864	216													NHPP	
	CON													6,240	4,992	1,248					
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																					
OS23. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Enhance Waimanalo Beach Park to Kainoa Beach Park	CON							250	200	50										EARMARK-HIGH PRIORITY STP ENHANCEMENT	
	CON							2,550	2,040	510											
<i>Estimated total project cost - \$3,200,000 -- Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park To Kainoa Beach Park.</i>																					

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS24. Kalaniana'ole Highway (Route 72), Bridge Replacement SysPres Inoale Stream Bridge, Waimanalo	CON				9,550	1,140	8,410													NHPP	
	ADVCON							0	6,500	(6,500)											
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																					
OS25. Kalaniana'ole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON	13,500	10,800	2,700																NHPP	
<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																					
OS26. Kalaniana'ole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park																				NHPP	
	Phase 2 - Poalima Street to Aloiloi Street	DES				2,244	1,795	449													
	Phase 3 - Aloiloi Street to Waimanalo Beach Park (Huli Street)	DES				1,632	1,306	326										13,300	10,640	2,660	
<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Waimanalo Beach Park (Huli Street). Project includes turning lanes, bus pullouts, and lighting improvements.</i>																					
OS53. Kamehameha Highway (Route 83), Bridge Replacement SysPres Hoolapa (Nanahu) Stream Bridge	DES	1,300	1,040	260																NHPP	
	ROW	165	132	33																	
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge</i>																					
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Makaua Stream Bridge	ROW				280	224	56													NHPP	
	CON							6,000	800	5,200											
	ADVCON										0	4,000	(4,000)								
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																					
OS28. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaipapau Stream Bridge	CON				16,580	3,264	13,316													NHPP	
	ADVCON							0	10,000	(10,000)											
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																					
OS29. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	ROW							0	0	0	663	530	133							NHPP	
	CON													9,200	2,360	6,840					
	ADVCON																0	5,000	(5,000)		(defer, inflate; ROE is needed to do an AIS)
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																					
OS30. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	ROW	75	0	75																NHPP	
	DES	1,100	880	220																	
	CON				9,735	7,788	1,947														
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																					
OS54. Kamehameha Highway (Route 99), Bridge Rehabilitation SysPres Kipapa (Roosevelt) Stream Bridge	DES	1,800	1,440	360																NHPP	
	ROW	25	0	25																	
	CON	18,000	14,400	3,600																	
<i>Estimated Total Project Cost - \$20,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																					
OS31. Kamehameha Highway (Route 83), Bridge Replacement SysPres Laieloa Stream Bridge	ROW				200	160	40													NHPP	
	CON							9,360	988	8,372											
	ADVCON										0	6,500	(6,500)								
<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																					
OS32. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	ROW				1,000	800	200													NHPP	
	CON							26,000	1,800	24,200											
	ADVCON										0	9,000	(9,000)	0	10,000	(10,000)					
<i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>																					
OS33. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW				0	0	0				110	88	22							NHPP	
	ROW							0	0	0	1,148	918	230								EARMARK-HIGH PRIORITY
	CON													0	0	0					NHPP
	ADVCON																0	0	0		(defer, inflate all phases due to updated schedule; DES contract not executed yet)
<i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																					
OS34. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge	PREROW				110	88	22													NHPP	
	ROW							562	450	112											
	CON										11,708	4,366	7,342								
	ADVCON													0	5,000	(5,000)					
<i>Estimated Total Project Cost - \$13,300,000 - replace the existing bridge</i>																					

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS35. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	ROW				265	212	53													NHPP	
	CON																				
	ADVCON																				
<i>Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																					
OS36. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopilo Stream Bridge	PREROW	0	0	0																NHPP	
	ROW				245	196	49														
	CON							0	0	0	9,260	7,408	1,852							(delete PreROW. Obligated in 2011 Defer/inflate CON. ROW acquisition is projected to be complete in April 2018)	
<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																					
OS37. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach	ROW							490	392	98										NHPP	
	CON													10,080	8,064	2,016					
	CON																8,000	6,400	1,600		
<i>Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>																					
OS55. Kamehameha Highway (Route 83) Safety Improvements Safety Kahana Valley Road to Kaaawa Bridge	CON	0	0	0	1,632	1,306	326													HSIP (defer, inflate; design ongoing)	
<i>Estimated Total Project Cost - \$1,850,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																					
OS51. Kamehameha Highway (Route 83), Safety Improvements Safety Kaheki Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,665	1,332	333										HSIP	
<i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																					
OS38. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Hauula (#14)	CON																	5,700	4,560	1,140	NHPP
<i>Estimated Total Project Cost - \$6,600,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>																					
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Kaaawa (#10)	CON							10,400	8,320	2,080										NHPP	
<i>Estimated Total Project Cost - \$11,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																					
OS40. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										7,350	880	6,470							NHPP	
	ADVCON													0	5,000	(5,000)					
<i>Estimated Total Project Cost - \$7,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>																					
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON										6,500	1,200	5,300							NHPP	
	ADVCON													0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																					
OS42. Kualakai Parkway (Route 8930) Extension Modern	CON							17,700	160	17,540										STP FLEXIBLE	
	ADVCON										0	4,000	(4,000)	0	10,000	(10,000)					
<i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>																					
OS43. Leeward Bikeway Enhance Phase I - Waipio Point Access Road to Hawaiian Railway Society Phase II - Hawaiian Railway Society Train Station to Lualualei Naval Road	CON				9,000	7,200	1,800													STP ENHANCEMENT	
	PREROW				106	84	22														
	ROW										3,000	2,400	600								
	CON																3,900	3,120	780		
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Lualualei Naval Road.</i>																					
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Safety Guardrail and Shoulder Improvements	CON				0	0	0	6,242	4,994	1,248										NHPP	
																					(defer, inflate; need more time to get MASH Implementation Plan in place)
<i>Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																					
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON				0	0	0	6,242	5,618	624										NHPP	
																					(defer, inflate; no design contract)
<i>Estimated Total Project Cost - \$6,800,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																					
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON				0	0	0				2,533	2,026	507							NHPP	
																					(defer, inflate; no design contract)
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A"	CON							4,030	224	3,806										NHPP
	ADVCON										0	3,000	(3,000)							
<i>Estimated Total Project Cost - \$4,500,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS48. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Separation	CON							6,580	0	6,580										NHPP
	ADVCON										0	5,264	(5,264)							
<i>Estimated Total Project Cost - \$7,200,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS49. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
	<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																			
OS52. Sand Island Access Road (Route 64), Truck Weigh Station Safety Kapalama Container Terminal	DES				135	106	29													NHPP
	ROW				130	103	27													
	CON							5,000	4,000	1,000										
<i>Estimated Total Project Cost - \$6,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																				
OAHU : STATE - FHWA TOTAL		160,334	95,984	64,350	123,767	68,330	55,437	184,317	73,521	110,796	103,951	87,380	16,571	92,956	66,221	26,735	118,644	69,912	48,732	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
<i>Human</i>																				
<i>Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses- for the program audience.</i>																				
OAHU : STATE - FTA TOTAL																				
		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Alapai Transportation Management Center Safety	DES	1	0	1	1	0	1	10	0	10										STP FLEXIBLE	
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25											
	ADVCON	0	12,674	(12,674)	0	10,535	(10,535)														
	EQP	1	0	1	1,700	0	1,700	200	0	200											
<i>Estimated Total Project Cost - \$96,013,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.</i>																					
OC2. Bikeway Improvements Program Enhance	Hamakua Drive (RTE 6010)																			STP FLEXIBLE	
		CON			663	530	133														
		INSP			153	122	31														
	Pearl Harbor Bike Path	CON						1,734	1,387	347											
		INSP						306	245	61											
	TBD - CON 2018	DES						255	204	51											
		CON									1,607	1,087	520								
		INSP									153	122	31								
	TBD - DES 2018	ROW									1	0	1								
		PLN									102	0	102								
		DES									306	0	306								
	TBD - CON 2019	CON												2,397	1,877	520					
		EQP												153	122	31					
	TBD - DES 2019	ROW												1	0	1					
		PLN												102	0	102					
		DES												306	0	306					
TBD - CON 2020	CON															2,397	1,877	520			
	EQP															153	122	31			
TBD	ROW															1	0	1			
	PLN															102	0	102			
	DES															306	0	306			
<i>Estimated Total Project Cost - \$11,198,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																					
OC3. Bridge Inspection and Appraisal SysPres	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																					
OC4. Computerized Traffic Control System Congest.	Phase 14 - Milliani Town																				
		DES									350	280	70								
		CON												4,000	3,200	800					
		EQP												1	0	1					
	Phase 15 - Wahiawa	DES												350	280	70					
		CON															4,000	3,200	800		
		EQP															1	0	1		
	Phase 16 - Nanakuli/Waianae	DES															350	280	70		
		CON																		4,000	3,200
		EQP																		1	0
Phase 17 - TBD	DES																		350	280	70
<i>Estimated Total Project Cost - \$13,403,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #3 (Pre-Approved Administrative Modification)
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC6. Kapolei Parkway (Route 8920) Extension Congest.	DES	50	0	50																STP FLEXIBLE
	CON	240	0	240																
<i>Estimated Total Project Cost - \$21,589,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.</i>																				
OC7. Makakilo Drive (Route 8810) Extension Modern Phase 1	DES				0	0	0	3,060	0	3,060										STP FLEXIBLE (defer and inflate, Reprogram funds to OC23)
	CON													0	0	0	20,400	4,080	16,320	
<i>Estimated Total Project Cost - \$23,400,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																				
OC23. Salt Lake Boulevard Widening Modern Phase 3	CON							30,930	8,930	22,000	30,000	8,000	22,000							STP FLEXIBLE
<i>Estimated Total Project Cost - \$60,930,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liliiko Streets.</i>																				
OC8. Traffic Improvements at Various Locations Safety	DES	450	360	90																STP FLEXIBLE
	CON				100	80	20													
TBD - CON 2017	CON				1,500	1,200	300													
	INSP				250	200	50													
TBD - CON 2018	DES				500	400	100													
	CON							1,250	1,000	250										
TBD - CON 2019	INSP							125	100	25										
	ROW							50	0	50										
TBD - CON 2020	PLN							50	0	50										
	DES							341	284	57										
TBD - CON 2021	CON										1,133	900	233							
	INSP										125	100	25							
TBD - CON 2020	ROW										50	0	50							
	PLN										50	0	50							
TBD - CON 2021	DES										218	174	44							
	CON													1,500	1,200	300				
TBD - CON 2020	INSP													250	200	50				
	ROW													50	0	50				
TBD - CON 2021	PLN													50	0	50				
	DES													50	0	50				
TBD - CON 2021	CON													500	400	100				
	INSP																1,500	1,200	300	
<i>Estimated Total Project Cost - \$10,892,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park & Kupuna Loop area, and Kalaheo Avenue/Kailua Road.</i>																				
OC9. Traffic Signal Optimization Congest.	PLN							1	0	1										STP FLEXIBLE
	DES							600	500	100										
Phase 7 - TBD	PLN										1	0	1							
	DES										100	0	100							
Phase 8 - TBD	PLN													1	0	1				
	DES													100	0	100				
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE
Congest.																				
Phase 15 - S. King St/Kealamakai St, Prospect St/Prospect Pl (Flashing beacon with signs), Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa District Park	CON	3,496	2,800	696																
	EQP	4	0	4																
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaieola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	CON				3,566	2,856	710													
	EQP				4	0	4													
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuaia St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	CON							3,758	2,993	765										
	EQP							4	0	4										
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	DES	438	350	88							2,825	2,060	765							
	CON										4	0	4							
	EQP																			
Phase 19 - TBD	DES				447	357	90							4,121	3,300	821				
	CON													4	0	4				
	EQP																			
Phase 20 - TBD	DES							447	357	90							4,121	3,300	821	
	CON																4	0	4	
	EQP																			
Phase 21 - TBD	DES										447	357	90							
	CON																			
	EQP																			
<i>Estimated Total Project Cost - \$23,690,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																				
OC11. Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62																STP FLEXIBLE
SysPres.																				
<i>Estimated Total Project Cost - \$3,753,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.</i>																				
OAHU : C&C OF HONOLULU - FHWA TOTAL		29,508	17,000	12,508	33,157	17,000	16,157	44,396	17,000	27,396	42,373	17,000	25,373	14,886	11,379	3,507	35,185	15,459	19,726	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																				
OC12. Agency-Provided Trips	Human																			
	OPR							354	177	177	366	183	183	376	188	188	388	194	194	FTA \$5307/\$5340
	OPR	334	167	167																FTA \$5307/\$5340 (2014)
	OPR				209	104	105													FTA \$5307/\$5340 (2015) (decr est)
	OPR	512	249	263																FTA \$5310 (2013) (incr fed by \$1k)
	OPR				722	307	415													FTA \$5310 (2014)
	OPR	733	0	733	1,087	0	1,087	528	264	264	544	272	272	560	280	280	576	288	288	FTA \$5310 - Urban
	OPR							1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	LOCAL
<i>Estimated Total Project Cost - \$11,899,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.</i>																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
	EQP	0	0	0	20,210	0	20,210	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA \$5307/\$5340
	EQP																			
	EQP	18,125	14,500	3,625																FTA \$5307/\$5340 (2014)
	EQP	2,403	1,923	480																FTA \$5309 SOGR (2012)
	EQP	1,297	1,047	250																FTA \$5337 SOGR (2013)
	EQP	1,376	1,111	265																FTA \$5337 SOGR (2014)
	EQP	1,410	1,133	277	1,444	1,155	289	1,473	1,178	295	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA \$5337 SOGR (2015)
	EQP	4,453	3,562	891	3,215	2,306	909	3,279	2,352	927	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	FTA \$5339 (2015)
	EQP	4,365	3,492	873																FTA \$5339 (2013)
	EQP	4,271	3,417	854																FTA \$5339 (2014)
<i>Estimated Total Project Cost - \$165,457,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC14. Bus Stop ADA Access and Site Improvements	Transit																			
	PLN	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	(title reflects incorporation of 3 previously individual projects--OC14, OC15, and OC22) since projects are similar in scope and purpose)
	DES	270	0	270	365	0	365	270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON	621	300	321	495	145	350	321	0	321	321	0	321	321	0	321	321	0	321	FTA \$5307/\$5340
	ROW	5	0	5	20	0	20	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	EQUIP				5	0	5													LOCAL
	RELOC	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).</i>																				
OC15. Bus Stop Site Improvements	Transit																			
	PLN	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(this project will be consolidated with OC14)
	ROW	1	0	1																LOCAL
	DES	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LOCAL
	CON	1,735	1,330	405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5307
	EQP	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LOCAL
<i>Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																				
OC16. Honolulu Rail Transit Project	Transit																			
	HRTF				44,216	35,373	8,843	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	FTA \$5307/ \$5340
	HRTF	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							FTA \$5309 NS
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
<i>a. Total estimated cost (YOES) = \$5,163,693,000 (including finance charges): PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.</i>																				
<i>b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.</i>																				
<i>c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOES).</i>																				
OC17. Local Shuttle Service	Human																			
	OPR							216	108	108	223	111	112	230	115	115	236	118	118	FTA \$5307/\$5340
	OPR	204	102	102																FTA \$5307/\$5340 (2014) (revised)
	OPR				204	102	102													FTA \$5307/\$5340 (2015) (revised)
<i>Estimated Total Project Cost - \$1,319,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																				
OC18. Middle Street Intermodal Center	Transit																			
	PLN				0	0	0	0	0	0	1	0	1							FTA \$5339
	PLN							1,846	1,348	498										FTA \$5339 (2016)
	DES				0	0	0	0	0	0	200	0	200							LOCAL (delete funds in 2016 & 2017)
	CON				0	0	0	0	0	0	0	0	0	5,864	0	5,864	5,867	0	5,867	LOCAL
	EQP				0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	LOCAL
<i>Estimated Total Project Cost - \$13,780,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
OC19. Mobility Management Human	OPR	257	197	60															FTA \$5307/\$5340 (2014)			
	OPR							335	268	67	345	276	69	356	285	71	366	293	73	FTA \$5307		
	OPR	92	76	16																FTA \$5310 (2013)		
	OPR				407	325	82													FTA \$5310 (2014)		
	OPR							84	67	17	86	69	17	89	71	18	91	73	18	FTA \$5310 - Urban		
<i>Estimated Total Project Cost - \$2,553,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.</i>																						
OC22. Pedestrian Transit Connections SysPres	PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(this project will be consolidated with OC14)		
	DES	250	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LOCAL	
	CON	1,120	1,100	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5307 (2014)	
	INSP	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LOCAL
	EQP	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LOCAL
<i>Estimated Total Project Cost - \$1,386,000 -- Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.</i>																						
OC20. Preventive Maintenance Transit	OPR	32,927	17,265	15,662	48,478	0	48,478	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	FTA \$5307/\$5340 (2015)		
	OPR	4,407	2,311	2,096																	FTA \$5307/\$5340 (2014)	
	OPR	4,304	2,257	2,047																	FTA \$5307/\$5340 (2013)	
	<i>Estimated Total Project Cost - \$293,922,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																					
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL		
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1					LOCAL	
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1					LOCAL	
	EQP	413	330	83	356	296	60	413	330	83	413	330	83	413	330	83					FTA \$5307/\$5340 (revise cost)	
	<i>Estimated Total Project Cost - \$2,023,000 -- Capital projects at various transit locations to improve safety and security.</i>																					
OAHU : C&C OF HONOLULU - FTA TOTAL		1,156,202	398,333	757,869	1,184,903	380,419	804,484	881,744	286,447	595,297	514,834	168,460	346,374	128,266	40,271	87,995	130,871	41,488	89,383			

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FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			91,397		55,371		66,030		77,078		55,934		64,105							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			0		7,284		2,040		2,400		0		3,120							
STP FLEXIBLE			17,000		17,000		17,160		21,000		21,379		15,459							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			0		3,088		4,804		2,697		0		2,400							
NATIONAL RECREATIONAL TRAILS			287		287		287		287		287		287							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		200		918		0		0							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			4,300		2,300		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		112,984		85,330		90,521		104,380		77,600		85,371							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)		(2,300)		(200)		(918)		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		108,684		83,030		90,321		103,462		77,600		85,371							

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HAWAII: STATE - FHWA																				
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON													8,190	6,552	1,638				STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																				
HS2. Bridge and Pavement Improvement Program, Hawaii	CON	7,660	0	7,660	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE
HS2. Volcano Road Resurfacing, MP 6.5 - MP 9.0	CON	8,840	0	8,840																
<i>Estimated Total Project Cost - \$98,300,000--System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
HS23. Daniel K. Inouye Highway (Route 200) Extension	DES	0	0	0	255	204	51													STP FLEXIBLE
HS23. Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW	0	0	0	255	204	51													(defer, inflate)
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																				
HS24. Daniel K. Inouye Highway (Route 200) Improvements	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)
HS24. Phase 2D: East Side Grade & Pave, MP 6 to MP 11																				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																				
HS3. Guardrail and Shoulder Improvements, Various Locations	DES																100	80	20	STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW							1,150	920	230										NHPP
HS4. Pahoehoe Stream Bridge	CON																10,600	8,480	2,120	
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																				
HS5. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	PREROW	50	40	10																NHPP
HS5. and Rockfall Protection, Vicinity of Hakalau Bridge	ROW	0	0	0	1,250	1,000	250													(Defer ROW and include PREROW)
HS5. and Rockfall Protection, Vicinity of Hakalau Bridge	CON										6,500	600	5,900							
HS5. and Rockfall Protection, Vicinity of Hakalau Bridge	ADVCON													0	4,600	(4,600)				
<i>Estimated Total Project Cost - \$7,800,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.</i>																				
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge Towards Waipunahina Bridge	CON										5,600	480	5,120							NHPP
HS6. Kaunaloa Bridge Towards Waipunahina Bridge	ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																1,560	1,248	312	NHPP
HS7. Kealakaha Bridge Towards Kaula Bridge																				
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																				
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON													1,560	1,248	312				NHPP
HS8. Kaala Bridge Towards Kealakaha Bridge																				
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																				
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON				1,693	1,355	338													NHPP
HS9. Waipunahina Bridge to East Paaulo Bridge																				
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																				
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW							270	216	54										NHPP
HS10. Phase I (Laupahoehoe Gulch)	CON										38,700	7,000	31,700							
HS10. Phase I (Laupahoehoe Gulch)	ADVCON													0	13,000	(13,000)	0	10,960	(10,960)	
<i>Estimated Total Project Cost - \$39,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																				
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW							100	80	20										STP FLEXIBLE
HS12. Shoreline Protection	CON													3,640	2,912	728				
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																				
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW							2,200	1,760	440										NHPP
HS13. Waiaka Stream Bridge Replacement and Realignment of Approaches	CON													11,200	8,960	2,240				
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road <i>Modern</i>	PREROW				104	83	21													STP FLEXIBLE
	ROW							1,938	1,550	388										
	CON										28,560	5,000	23,560							
	ADVCON													0	7,000	(7,000)	0	10,848	(10,848)	
<i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>																				
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements <i>Modern</i>	CON				3,692	2,954	738													STP FLEXIBLE HSIP (increase estimate)
	CON				520	468	52													
	<i>Estimated Total Project Cost - \$32,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.</i>																			
HS16. Kealakehe Parkway Extension (Route 197), Kealahou Drive to Kealakaa Street <i>Modern</i>	DES													875	700	175				STP FLEXIBLE
	PREROW																55	44	11	
<i>Estimated Total Project Cost - \$8,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>																				
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2 <i>Safety</i>	DES	40	36	4																HSIP
	CON							360	324	36										
<i>Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>																				
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7) <i>SysPres</i>	DES	1,400	1,120	280																STP FLEXIBLE
	ROW	100	0	100																
	CON													6,600	5,280	1,320	0	0	0	
<i>Estimated Total Project Cost - \$8,100,000 -- Replace existing bridge. (advance CFL bridges to 2019 at the latest. CFL agreement)</i>																				
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement <i>SysPres</i>	DES	1,400	1,120	280																STP FLEXIBLE (advance CFL bridges to 2019 at the latest. CFL agreement)
	ROW	65	0	65																
	CON													10,000	8,000	2,000				
<i>Estimated Total Project Cost - \$11,454,000 -- Replace existing bridge.</i>																				
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa <i>Safety</i>	CON										9,735	788	8,947							STP FLEXIBLE
	ADVCON													0	7,000	(7,000)				
<i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																				
HS27. Mamalahoa Highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road <i>Safety</i>	CON				6,120	4,896	1,224													STP FLEXIBLE
	<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.</i>																			
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9 <i>Safety</i>	CON							1,457	1,311	146										HSIP
	<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																			
HS21. National Recreational Trails Program - Hawaii (DLNR) <i>Enhance</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	<i>Estimated Total Project Cost - \$2,240,000 -- 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>																			
HS22. Puainako St (Rte 200) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 194), Phase 1 - Kawiili (Rte 2770) to Kanoelehua Ave (Rte 11) <i>Modern</i>	PREROW				0	0	0				54	43	11							STP FLEXIBLE (defer, inflate; updated schedule) EARMARK - HIGH PRIORITY (HI025)
	ROW													5,600	4,480	1,120				
	ROW													1,000	800	200				
	PREROW										56	45	11				6,500	5,200	1,300	
<i>Estimated Total Project Cost - \$65,000,000 -- 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>																				
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) <i>Congest</i>	ROW				180	144	36													HSIP
	CON				1,240	1,115	125													
<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																				
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park <i>SysPres</i>	DES	307	213	94																NHPP
	<i>Estimated Total Project Cost - \$5,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>																			
HAWAII : STATE - FHWA TOTAL		66,236	48,828	17,408	32,183	12,722	19,461	24,349	6,460	17,889	106,079	14,255	91,824	65,539	74,831	(9,292)	35,689	37,159	(1,470)	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
COUNTY OF HAWAII - FHWA																							
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	CON				0	0	0	10,600	2,264	8,336										STP FLEXIBLE			
	ADVCON							0	0	0	0	6,216	(6,216)							(defer and inflate. NEPA process to be restarted due to change in purpose and need)			
<i>Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																							
HC2. Alii Highway (Route 1110) Modern	DES				2,500	2,000	500													STP FLEXIBLE			
	ROW										2,550	2,040	510										
Phase 1	CON																12,400	9,920	2,480				
<i>Estimated Total Project Cost - \$76,000,000 -- Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Alii Dr. near the Keauhou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase in the design phase.</i>																							
HC3. Bridge Inspection and Appraisal SysPres	PLN				200	160	40							200	160	40				200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																							
HC4. Kawaiilani Street (Rte 2760) Improvements Congest	CON	0	0	0	17,850	10,904	6,946															STP FLEXIBLE	
	ADVCON							0	3,376	(3,376)												(defer and inflate. Use AC to spread funding out. Utility issues have delayed this project from being obligated)	
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakalani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																							
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modern	DES				0	0	0	1,530	1,200	330											STP FLEXIBLE		
	CON										0	0	0	17,310	3,928	13,382					(defer and inflate. Env will not be done until 2017)		
ADVCON													0	0	0	0	9,920	(9,920)					
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Alii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																							
HC6. Mamalahoa Highway (Route 19) Widening Modern	CON				0	0	0	8,160	6,400	1,760												NHPP	
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																							
HC7. Waianuenue Avenue (Route 2720) Improvements Enhance Safety	DES	900	720	180																		STP FLEXIBLE	
	ROW				250	200	50															(change project criteria from enhancement to safety; defer and inflate, DES contract has not been executed yet)	
CON							0	0	0	12,650	3,928	8,722											
ADVCON										0	0	0	0	6,192	(6,192)								
<i>Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.</i>																							
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		900	720	180	20,800	13,264	7,536	20,290	13,240	7,050	15,400	12,344	3,056	17,310	10,120	7,190	12,600	20,000	(7,400)				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																				
HC8. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC9. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311
<i>Transit Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			253			2,355			9,296				8,080				31,808			20,688
BRIDGE OFF-SYSTEM			0			0			0				0				0			0
STP ENHANCEMENT			0			0			0				0				0			0
STP FLEXIBLE			48,960			21,605			8,470				18,220				52,044			36,172
SECTION 1404 - (Safe Routes to School)			0			0			0				0				0			0
HSIP (Highway Safety Improvement Program)			36			1,727			1,635				0				0			0
NATIONAL RECREATIONAL TRAILS			299			299			299				299				299			299
CMAQ (Congestion Mitigation Air Quality)			0			0			0				0				0			0
FTA TRANSFER FUNDS			0			0			0				0				0			0
EQUITY BONUS			0			0			0				0				0			0
EARMARK - HIGH PRIORITY			0			0			0				0				800			0
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0				0				0			0
EARMARK - SECTION 112			0			0			0				0				0			0
EARMARK - SECTION 115			0			0			0				0				0			0
EARMARK - SECTION 117			0			0			0				0				0			0
FLHD (Federal Lands Highway Discretionary)			0			0			0				0				0			0
NRCS (National Resources Conservation Service)			0			0			0				0				0			0
DISCRETIONARY			0			0			0				0				0			0
HIGHWAYS FOR LIFE			0			0			0				0				0			0
IMD (NHPP Discretionary)			0			0			0				0				0			0
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0				0				0			0
	SUBTOTAL		49,548			25,986			19,700				26,599				84,951			57,159
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0				0				(800)			0
LESS FTA TRANSFER FUNDS			0			0			0				0				0			0
REGULAR FORMULA AUTHORITY	TOTAL		49,548			25,986			19,700				26,599				84,151			57,159

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI: STATE - FHWA																				
MS1. Bridge and Pavement Improvement Program, Maui	CON	17,700	0	17,700	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
SysPres Kuiu Highway Resurfacing, Honoapiilani Hwy to Puunene Ave	CON	11,300	8,500	2,800																NHPP (federalize SMP in 2015)
<i>Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
MS2. Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
Safety at Various Locations, Maui																				
Part 2--Kuiu Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue	CON				1,000	800	200													(add project location)
Part 3	CON									1,000	800	200								
Part 4	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON				2,550	2,040	510													STP ENHANCEMENT
Enhance Dairy Road (Route 380) to Naniloa Overpass																				
<i>Estimated Total Project Cost - \$2,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW							120	95	25										NHPP
Modern to Vicinity of Airport Access Road	CON										6,900	1,520	5,380							
	ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW				0	0	0	858	686	172										NHPP
SysPres Honolulu Bridge	CON										5,600	4,480	1,120							(defer, inflate; DES ongoing)
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolulu Bay.</i>																				
MS6. Honoapiilani Highway (Route 3000) Realignment	DES	50	40	10																NHPP
Modern Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	ROW							100	0	100										(no fed aid will be used for any ROW activities)
	CON										30,000	5,000	25,000							
	ADVCON													0	19,000	(19,000)				
Phase 1C - Keawe Street Extension to North of Kaanapali Connector	ROW													6,250	5,000	1,250				
	CON																41,600	16,280	25,320	
<i>Estimated Total Project Cost - \$95,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.</i>																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements	CON							1,352	1,217	135										HSIP
Safety Ukumehame to Olowalu																				
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS17. Honoapiilani Highway (Route 30), Safety Improvements	CON							3,120	2,496	624										HSIP
Safety Vicinity of Kapoli Street to Papalaua Beach Park																				
<i>Estimated Project Cost - \$3,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection	ROW	0	0	0																NHPP
SysPres Vicinity of Olowalu	CON	3,250	2,600	650																(ROW funds obligated in a previous year with all local funds)
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection	PREROW	20	16	4																STP FLEXIBLE
SysPres Kahului Bay	ROW				0	0	0	240	192	48										(defer, inflate to do AIS)
	CON							5,130	4,100	1,030										
<i>Estimated Total Project Cost - \$6,100,000 -- 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.</i>																				
MS16. Kihei-Upcountry Maui Highway (Route 374), Phase 1A	CON																20,000	8,000	12,000	STP FLEXIBLE
Modern	ADVCON																			
<i>Estimated Total Project Cost -- \$100,000,000 -- This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makana area with Upcountry Maui. The terminus points are Haleakala Highway at the Upcountry Maui end and Piilani Highway at the Kihei-Makana end.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MS10. National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,700,000 -- 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.</i>																					
MS12. Paia Bypass Road - Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park	DES PREROW													3,570	2,856	714				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																					
MS13. Puunene Ave. (Rte 3500) Improvements, Modern Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8		0	0	0	158	126	32			13,500	5,800	7,700			0	5,000	(5,000)
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																					
MOLOKAI																					
MS14. Guardrail and Shoulder Improvements Program Safety at Various Locations, Molokai Part 2	CON				750	600	150														STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS15. Kamehameha V Highway (Route 450), Bridge Replacement SysPres Makakupaia Stream Bridge	CON							7,100	5,680	1,420											STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																					
MAUI : STATE - FHWA TOTAL		32,803	11,541	21,262	25,249	3,799	21,450	39,127	14,951	24,176	64,449	12,159	52,290	44,269	37,015	7,254	83,659	30,527	53,132		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC1. Alaalua Bridge Replacement, SysPres Hana Highway (Route 3700), MP 33.80	DES							750	0	750										LOCAL
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, SysPres Phase 2 - Halimalle Road to Hana Hwy	CON				6,700	5,000	1,700													STP FLEXIBLE (est reduction due to ph 1 bids)
<i>Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC3. Bridge Inspection and Appraisal SysPres	PLN	427	342	85				400	320	80				300	240	60				STP FLEXIBLE (update cost estimate)
<i>Estimated Total Project Cost - \$1,127,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.</i>																				
MC4. Central Maui Traffic Signal Upgrades Congest Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66) Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)	DES							270	0	270				1,300	1,040	260				STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC5. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Halimalle Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 Phase 2	CON							1,530	1,200	330										STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																				
MC6. Hahalawe Bridge Replacement, SysPres Hana Highway (Route 3700), MP 31.05	DES				700	0	700													STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2 SysPres	CON							1,530	1,200	330										STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC9. Kahakuloa Bridge Replacement, SysPres Kahekili Highway (Route 340), MP 9.27	DES	420	16	404																STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,820,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC10. Kahana Nui Bridge Replacement, SysPres Lower Honoapiilani Road (Route 3080), MP 2.40	CON							3,540	2,470	1,070										STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,670,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC11. Kahawaiokapia Bridge Replacement, SysPres Hana Highway (Route 3700), MP 36.61	DES	830	24	806																STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,500,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), SysPres Mahalani Street / Maui Lani Parkway / Wainu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)	DES							300	0	300										STP FLEXIBLE
<i>Estimated Total Project Cost - \$7,100,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC13. Kihel Bikeway, Phase 2, Enhance Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekuaui Street	CON	3,590	2,872	718															STP ENHANCEMENT (cost increase due to need to address unforeseen drainage issue)	
<i>Estimated Total Project Cost - \$5,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction.</i>																				
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction	CON				4,375	3,500	875												STP FLEXIBLE	
SysPres Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction																				
Piholo Road to Kokomo Road (Route 366)																				
<i>Estimated Total Project Cost - \$4,675,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC15. Koukouai Bridge Modifications, SysPres Pilihi Highway (Route 3700), MP 28.59	CON													6,120	4,488	1,632			STP FLEXIBLE	
<i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, SysPres Kualau Street to Honoapiilani Highway (Route 30)	DES	185	8	177															STP FLEXIBLE	
CON	0	0	0	2,150	1,720	430													(Defer & inflate. Project not obligated in 2015. Added scope to address sink-hole and drainlines. Resubmitting 106 was necessary)	
<i>Estimated Total Project Cost - \$2,300,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC17. Kulanihako Bridge Replacement, SysPres South Kihel Road (Route 3100), MP 1.40	CON							0	0	0	4,243	3,329	914						STP FLEXIBLE (defer and inflate. Reprioritize due to needed financial constraint)	
<i>Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.</i>																				
MC18. Lelekea Bridge Replacement, SysPres Pilihi Highway (Route 3700), MP 27.23	CON																		STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, SysPres Phase IV, Hoohui Road to Napilihi Road (Route 3090)	DES				350	0	350												STP FLEXIBLE	
CON														6,020	4,500	1,520				
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, SysPres Honoapiilani Highway (Route 30) to Hoohui Road	DES							300	0	300									STP FLEXIBLE	
CON																			5,100	
<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, SysPres Kahului Beach Road (Route 3400) to Hala Place	DES				175	0	175												STP FLEXIBLE	
CON														3,570	2,800	770				
<i>Estimated Total Project Cost - \$3,675,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) Enhance Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW				750	0	750												STP FLEXIBLE	
CON														1,275	1,000	275				
<i>Estimated Total Project Cost - \$2,000,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																				
MC23. Mill Street (Route 3840) Traffic Signal at Ili Kala Street, MP 0.3 Conquest	CON													730	584	146			STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Ili Kala Street.</i>																				
MC24. North Shore Greenway, Phase IV Enhance Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON				1,750	1,400	350												STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>																				
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Modern Kaonoulu Street to Namaui Place	DES	450	0	450															STP FLEXIBLE	
CON																			7,190	
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																				

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Modern Lokelani School to Auhana Road	DES				600	0	600						150	0	150					STP FLEXIBLE
	ROW																			
	CON																	8,670	6,936	1,734
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																				
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Congest Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	DES							130	0	130										STP FLEXIBLE
	CON													1,250	1,000	250				
<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC40. Old Haleakala Hwy (Route 367) SysPres Aeloa Rd to Kula Hwy. (Route 37), Reconstruction	CON	4,958	3,527	1,431																STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,500,000 -- Reconstruct pavement on Old Haleakala Highway from Aeloa Road to Kula Hwy, including pavement striping and marking and utility adjustments.</i>																				
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, SysPres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES	370		370																STP FLEXIBLE
	CON									2,245	1,760	485								
<i>Estimated Total Project Cost - \$2,700,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals Congest at Hina Avenue (Route 3930, MP 0.8)	CON													880	688	192				STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																				
MC30. Papalua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Congest Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES	130	0	130																STP FLEXIBLE
	CON													1,250	1,000	250				
<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC31. Pavement Rehabilitation, Various Roads, South Maui SysPres Kulanihakoi Street (Route 3175), MP 0-MP 0.5 Waipulani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES	20	0	20																STP FLEXIBLE
	CON							7,300	5,440	1,860										(cost estimate increase due to recent bids)
<i>Estimated Total Project Cost - \$7,500,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC32. Piikaa Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, SysPres South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES	10	0	10																STP FLEXIBLE
	CON							1,632	1,280	352										
<i>Estimated Total Project Cost - \$1,610,000 -- The scope of work involves resurfacing the existing roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Congest Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON												826	648	178					STP FLEXIBLE
<i>Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
MC34. Waipulani Bikepath Enhance Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170)	CON													1,765	1,384	381				STP ENHANCEMENT
<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, and street lighting will also be part of the construction.</i>																				
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Congest Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON							1,248	960	288										STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA TOTAL		11,390	6,789	4,601	17,550	11,620	5,930	18,930	12,870	6,060	12,309	9,537	2,772	37,306	27,820	9,486	32,504	24,531	7,973	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului	PLN/EQP/OPR	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Human</i>																				
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
MAUI : COUNTY OF MAUI - FTA TOTAL		4,394	2,603	1,791	4,549	2,693	1,856	4,687	2,775	1,912	4,829	2,859	1,970	4,978	2,947	2,031	5,130	3,037	2,093	

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FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			11,140			0		781			11,000		28,000			16,280				
BRIDGE OFF-SYSTEM			0			0		0			0		0			0				
STP ENHANCEMENT			2,872			3,440		0			0		1,384			0				
STP FLEXIBLE			3,959			11,620		22,968			10,337		35,092			38,419				
SECTION 1404 - (Safe Routes to School)			0			0		0			0		0			0				
HSIP (Highway Safety Improvement Program)			0			0		3,713			0		0			0				
NATIONAL RECREATIONAL TRAILS			359			359		359			359		359			359				
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0		0			0				
EQUITY BONUS			0			0		0			0		0			0				
EARMARK - HIGH PRIORITY			0			0		0			0		0			0				
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0		0			0				
EARMARK - SECTION 112			0			0		0			0		0			0				
EARMARK - SECTION 115			0			0		0			0		0			0				
EARMARK - SECTION 117			0			0		0			0		0			0				
FLHD (Federal Lands Highway Discretionary)			0			0		0			0		0			0				
NRCS (National Resources Conservation Service)			0			0		0			0		0			0				
DISCRETIONARY			0			0		0			0		0			0				
HIGHWAYS FOR LIFE			0			0		0			0		0			0				
FTA TRANSFER FUNDS			0			0		0			0		0			0				
IMD (NHPP Discretionary)			0			0		0			0		0			0				
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0		0			0				
	SUBTOTAL		18,330			15,419		27,821			21,696		64,835			55,058				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0		0			0		0			0				
LESS FTA TRANSFER FUNDS			0			0		0			0		0			0				
REGULAR FORMULA AUTHORITY	TOTAL		18,330			15,419		27,821			21,696		64,835			55,058				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KAUAI : STATE - FHWA																				
KS1. Bridge and Pavement Improvement Program, Kauai	CON	11,250	0	11,250	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
SysPres		Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05																		
		CON																		
		3,750 3,000 750																		
Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	CON				1,020	816	204													STP FLEXIBLE
Safety		Part 3																		
		DES																		
		CON																		
		100 80 20																		
		Part 4																		
		CON																		
		DES																		
		CON																		
		1,000 800 200																		
		Part 5																		
		CON																		
		100 80 20																		
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS3. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	ROW										850	680	170							NHPP
SysPres		CON																		
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	ROW	67	0	67																NHPP
SysPres		CON																		
		6,960 5,568 1,392																		
Estimated Total Project Cost - \$7,365,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	ROW	105	0	105																STP FLEXIBLE
SysPres		CON																		
		100 80 20																		
		CON																		
		2,000 1,600 400																		
		CON																		
		25,000 10,000 15,000																		
		ADVCON																		
		0 10,000 (10,000)																		
Estimated Total Project Cost - \$30,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.																				
KS6. Kaunualii Highway (Route 50), Bridge Replacement Rehabilitation Omao Bridge	ROW				110	88	22													STP FLEXIBLE
SysPres		CON																		
		ADVCON																		
		0 0 0																		
		7,800 6,240 1,560																		
		0 0 0																		
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.																				
KS7. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON							18,400	0	18,400										NHPP
Modern		ADVCON																		
		0 9,720 (9,720)																		
		0 5,000 (5,000)																		
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS8. Kuhio Highway (Route 56), Bridge Replacement Kapaa Bridge	ROW				805	644	161													NHPP
SysPres		CON																		
		0 0 0																		
		11,150 8,920 2,230																		
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaa.																				
KS15. Kuhio Highway (Route 560), Bridge Rehabilitation Wainiha Stream Bridges #1, #2, #3	DES	2,100	1,680	420																STP FLEXIBLE
SysPres		ROW																		
		100 0 100																		
		CON																		
		100 80 20																		
		CON																		
		1,000 800 200																		
		CON																		
		20,000 16,000 4,000																		
Estimated Total Project Cost - \$24,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.																				
KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	ROW				0	0	0	607	486	121										STP FLEXIBLE
SysPres		CON																		
		1,000 800 200																		
		CON																		
		9,000 2,200 6,800																		
		ADVCON																		
		0 5,000 (5,000)																		
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																				
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON				0	0	0				13,000	3,000	10,000							STP FLEXIBLE
SysPres		ADVCON																		
		0 0 0																		
		0 7,400 (7,400)																		
Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																				
KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	ROW	120	0	120																NHPP
Safety		CON																		
		1,000 800 200																		
		CON																		
		9,600 7,680 1,920																		
Estimated Total Project Cost - \$11,500,000 -- 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.																				
KS12. Kuhio Highway (Route 56) Safety Improvements, MP 21.4 - 27.1	DES				120	96	24				1,080	864	216							HSIP
Safety		CON																		
Estimated Total Project Cost - \$1,200,000 -- Scope includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.																				
KS13. National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance																				
Estimated Total Project Cost - \$1,900,000 -- 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.																				
KAUAI : STATE - FHWA TOTAL		18,006	5,091	12,915	19,469	5,975	13,494	32,321	1,537	30,784	38,494	23,515	14,979	84,714	55,571	29,143	23,459	24,167	(708)	

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COUNTY OF KAUAI - FHWA																							
KC1. Bridge Inspection and Appraisal SysPres	PLN/DES				125	100	25						125	100	25				125	100	25	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County, FHWA Requirement. This is a regularly scheduled program.</i>																							
KC2. Hanapepe Road (Rte 545) Resurfacing SysPres	CON ADVCON												3,120	1,400	1,720				0	1,000	(1,000)	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,200,000 -- 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>																							
KC13. Kapahi Bridge Replacement SysPres	CON	2,000	1,600	400																		STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,500,000 -- Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																							
KC3. Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Safety	PLN DES CON	100 275 0	80 220 0	20 55 0									3,060	2,450	610							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																							
KC4. Lihue-Anahola Coastal Bike Path Enhance	Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Papaioa Road to Uhelekawawa Canal Phase C & D A shared-use path for pedestrians, bicyclists, and other users from Papaioa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions. Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park Phase B - Hanamaulu Beach Park to Wailua Golf Course	CON CON	0 0	0 0	2,295 0	2,295 0	0 0	1,560 0	1,560 0													STP ENHANCEMENT (defer, inflate; pending redesign and DCAB clearance)	
<i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i>																							
Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini	DES ROW CON												1,870	1,870	0				420	420	0		
Phase B - Ninini Point to Nawiliwili Beach Park	DES CON												1,000	1,000	0						6,865 19,600	6,865 19,600	0 0
<i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i>																							
<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																							
KC5. Northerly Leg of the Western Bypass Road Modern	DES																		2,000	1,600	400	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. 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>																							
KC6. Opaekaa Bridge Rehabilitation SysPres	CON												0	0	0	3,500	2,800	700				STP FLEXIBLE (defer, adjust cost estimate. Reprioritize for financial constraint)	
<i>Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																							
KC7. Poipu Road (Route 520) Multimodal Improvements Enhance	PLN DES CON	100 400 0	80 320 0	20 80 0															7,588	6,070	1,518	STP FLEXIBLE (cost estimate increase. Updated est through project development)	
<i>Estimated Total Project Cost - \$8,100,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoike; Construction of bus stop shelters; Construction of medians and landscaping</i>																							
KC8. Puhi Road (Route 5010) Rehabilitation SysPres	CON DES CON	3,300 250 0	2,640 200 0	660 50 0									3,500	2,800	700							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																							
KC9. Puuopae Bridge Rehabilitation SysPres	CON				3,185	2,500	685															STP FLEXIBLE (update cost estimate through project development)	
<i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>																							
KC10. Rice Street (Route 5020) Improvements Safety	PLN DES CON				100 400 0	80 320 0	20 80 0							3,000	2,400	600						STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,500,000 -- Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.</i>																							
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		6,425	5,140	1,285	6,105	5,295	810	12,362	9,332	3,030	17,898	16,055	1,843	14,075	13,675	400	26,590	26,565	25				

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #3 (Pre-Approved Administrative Modification)
Revision Effective Date: Feb 18, 2016**

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311
<i>Transit Estimated Total Project Cost - \$13,160,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)		0			1,444			0			19,320			12,680			8,916			
BRIDGE OFF-SYSTEM		0			0			0			0			0			0			
STP ENHANCEMENT		0			2,295			2,682			3,685			12,075			26,465			
STP FLEXIBLE		9,980			7,184			7,936			15,450			44,240			15,100			
SECTION 1404 - (Safe Routes to School)		0			0			0			0			0			0			
HSIP (Highway Safety Improvement Program)		0			96			0			864			0			0			
NATIONAL RECREATIONAL TRAILS		251			251			251			251			251			251			
CMAQ (Congestion Mitigation Air Quality)		0			0			0			0			0			0			
FTA TRANSFER FUNDS		0			0			0			0			0			0			
EQUITY BONUS		0			0			0			0			0			0			
EARMARK - HIGH PRIORITY		0			0			0			0			0			0			
EARMARK - TRANSPORTATION IMPROVEMENT		0			0			0			0			0			0			
EARMARK - SECTION 112		0			0			0			0			0			0			
EARMARK - SECTION 115		0			0			0			0			0			0			
EARMARK - SECTION 117		0			0			0			0			0			0			
FLHD (Federal Lands Highway Discretionary)		0			0			0			0			0			0			
NRCS (National Resources Conservation Service)		0			0			0			0			0			0			
DISCRETIONARY (TIGER 2015)		0			0			0			0			0			0			
HIGHWAYS FOR LIFE		0			0			0			0			0			0			
IMD (NHPP Discretionary)		0			0			0			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0			0			0			0			0			
	SUBTOTAL		10,231			11,270			10,869			39,570			69,246			50,732		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		10,231			11,270			10,869			39,570			69,246			50,732		

**DEPARTMENT OF TRANSPORTATION
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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #3 (Pre-Approved Administrative Modification)
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FTA SUMMARY																				
STATEWIDE		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	
C&C OF HONOLULU		1,156,202	398,333	757,869	1,184,903	380,419	804,484	881,744	286,447	595,297	514,834	168,460	346,374	128,266	40,271	87,995	130,871	41,488	89,383	
COUNTY OF HAWAII		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
MAUI, STATE		32,803	11,541	21,262	25,249	3,799	21,450	39,127	14,951	24,176	64,449	12,159	52,290	44,269	37,015	7,254	83,659	30,527	53,132	
COUNTY OF MAUI		4,394	2,603	1,791	4,549	2,693	1,856	4,687	2,775	1,912	4,829	2,859	1,970	4,978	2,947	2,031	5,130	3,037	2,093	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
FTA TOTAL		1,199,790	416,389	783,401	1,221,372	390,985	830,387	932,433	308,371	624,062	591,200	187,805	403,395	184,818	84,691	100,127	227,191	79,648	147,543	

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FHWA SUMMARY																				
STATEWIDE		37,705	6,693	31,012	39,475	8,009	31,466	40,333	8,695	31,638	42,790	14,736	28,054	45,885	9,007	36,878	40,065	8,341	31,724	
Oahu - State		160,334	95,984	64,350	123,767	68,330	55,437	184,317	73,521	110,796	103,951	87,380	16,571	92,956	66,221	26,735	118,644	69,912	48,732	
City and County of Honolulu		29,508	17,000	12,508	33,157	17,000	16,157	44,396	17,000	27,396	42,373	17,000	25,373	14,886	11,379	3,507	35,185	15,459	19,726	
ISLAND OF OAHU		189,842	112,984	76,858	156,924	85,330	71,594	228,713	90,521	138,192	146,324	104,380	41,944	107,842	77,600	30,242	153,829	85,371	68,458	
Hawaii - State		66,236	48,828	17,408	32,183	12,722	19,461	24,349	6,460	17,889	106,079	14,255	91,824	65,539	74,831	(9,292)	35,689	37,159	(1,470)	
County of Hawaii		900	720	180	20,800	13,264	7,536	20,290	13,240	7,050	15,400	12,344	3,056	17,310	10,120	7,190	12,600	20,000	(7,400)	
ISLAND OF HAWAII		67,136	49,548	17,588	52,983	25,986	26,997	44,639	19,700	24,939	121,479	26,599	94,880	82,849	84,951	(2,102)	48,289	57,159	(8,870)	
Maui - State		32,803	11,541	21,262	25,249	3,799	21,450	39,127	14,951	24,176	64,449	12,159	52,290	44,269	37,015	7,254	83,659	30,527	53,132	
County of Maui		11,390	6,789	4,601	17,550	11,620	5,930	18,930	12,870	6,060	12,309	9,537	2,772	37,306	27,820	9,486	32,504	24,531	7,973	
ISLAND OF MAUI		44,193	18,330	25,863	42,799	15,419	27,380	58,057	27,821	30,236	76,758	21,696	55,062	81,575	64,835	16,740	116,163	55,058	61,105	
Kauai - State		18,006	5,091	12,915	19,469	5,975	13,494	32,321	1,537	30,784	38,494	23,515	14,979	84,714	55,571	29,143	23,459	24,167	(708)	
County of Kauai		6,425	5,140	1,285	6,105	5,295	810	12,362	9,332	3,030	17,898	16,055	1,843	14,075	13,675	400	26,590	26,565	25	
ISLAND OF KAUAI		24,431	10,231	14,200	25,574	11,270	14,304	44,683	10,869	33,814	56,392	39,570	16,822	98,789	69,246	29,543	50,049	50,732	(683)	
FHWA TOTAL		363,307	197,786	165,521	317,755	146,014	171,741	416,425	157,606	258,819	443,743	206,981	236,762	416,940	305,639	111,301	408,395	256,661	151,734	

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FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			105,270			61,650			78,907			118,278			131,222			112,789		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			2,872			13,019			4,722			6,085			13,459			29,585		
STP FLEXIBLE			81,217			60,543			59,954			73,882			157,137			107,996		
SECTION 1404 - (Safe Routes to School)			200			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			2,466			5,541			10,962			4,857			810			4,830		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			200			918			800			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			265			265			265			265			265			265		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY (TIGER 2015)			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			4,300			2,300			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		197,786			146,014			157,606			206,981			305,639			256,661		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)			(2,565)			(465)			(1,183)			(1,065)			(265)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		193,221			143,449			157,141			205,798			304,574			256,396		