

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #5 APPROVED
Revision Effective Date: April 28, 2016

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT

PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 17 - Sep 30, 17)			FFY2018 (Oct 1, 18 - Sep 30, 18)			FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FUND CATEGORY & REMARKS		
			TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)			
STATEWIDE - FHWA																							
S1. Enhance	Bikeway Improvements at Various Locations, Statewide		DES												300	240	60				STP FLEXIBLE		
			ROW										55	45	10				50	0	50		
			CON										2,100	1,680	420				500	400	100		
Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.																							
S2. SysPres	Bridge Inspection and Appraisal		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	
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.																							
S3. Human	Construction Career Days Workforce Development Program		PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE	
Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.																							
S23. SysPres	Highway Program Peer Exchange (HDOT-CFL)		PLN	610	488	122															STP FLEXIBLE		
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 developed, in part, in the form of workshops, roundtable discussions and other structured engagements.																							
S4. SysPres	Highway Research and Development Program		PLN	850	680	170	1,600	1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE	
Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.																							
S24. Safety	Highway Safety Improvement Program (HSIP), Infrastructure Funding Program		DES							200	180	20			200	180	20				HSIP		
		CON											740	666	74				2,000	1,800	200		
Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.																							
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program		PLN/DES	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP	
Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																							
S6. SysPres	Highway Shoreline Protection, Statewide		DES										200	160	40				200	160	40	STP FLEXIBLE	
		CON																2,000	0	2,000			
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																							
S7. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations		DES							208	166	42	200	160	40							STP FLEXIBLE	
		CON																1,040	832	208	1,000	800	200
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.																							
S8. Modern	Federal Lands Highway Access Discretionary Program		DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY	
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.																							
S9. Safety	Safe Routes to School (SRTS) Program																						
		Non-infrastructure	Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL	
		Infrastructure	Pr/Ds/Co				1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	0					
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.																							
S10. Enhance	SNIPP - Statewide Noxious Invasive Pest Program		OPR				2,130	1,704	426	3,030	2,424	606				3,100	2,480	620	820	656	164	STP FLEXIBLE	
Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																							
S11. Safety	Statewide Highway Lighting and Traffic Signal Upgrade Program		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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.																							
S12. SysPres	Statewide Signing, Striping and Pavement Marking Program		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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																							
S13. SysPres	Statewide Guardrail and Shoulder Improvement Program		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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																							
S14. SysPres	Structural Countermeasures for Scour Critical Bridges		CON													3,000	0	3,000			LOCAL		
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.																							
S15. Modern	Technology Transfer and Technical Assistance Program		PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE	
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																							
S16. Modern	Traffic Counting Stations, Various Locations		CON										1,500	1,200	300						STP FLEXIBLE		
Estimated Total Project Cost - \$4,500,000 -- Construction of 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																							
STATEWIDE - FHWA TOTAL				37,705	6,693	31,012	41,275	9,809	31,466	42,133	10,495	31,638	44,590	16,536	28,054	47,685	10,807	36,878	41,865	10,141	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
Human																			
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.																			
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0
Human																			
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																			
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
Human																			
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.																			
S22. Statewide Planning	PLN	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137
Transit																			
Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																			
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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FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480			2,480			2,800			2,800			2,800			2,800		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			1,318			3,134			3,420			8,875			4,382			2,846		
SECTION 1404 - (Safe Routes to School)			200			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			2,430			2,430			2,610			3,096			2,610			4,230		
NATIONAL RECREATIONAL TRAILS			0			0			0			0			0			0		
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)			265			265			265			265			265			265		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
H-3 DISCRETIONARY			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			6,693			9,809			10,495			16,536			10,807			10,141		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)			(265)			(265)			(265)			(265)			(265)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	6,428			9,544			10,230			16,271			10,542			9,876		

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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 - FHWA																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	20,584	0	20,584	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
SysPres Kamehameha Highway (Route 83) Resurfacing, Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66 Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place, 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.	CON	14,551	1,835	12,716																
	ADVCON				0	10,000	(10,000)													
	CON	17,700	14,600	3,100																
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW							585	468	117										NHPP
SysPres Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
SysPres Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW				1,122	898	224													NHPP
SysPres Makaha Bridges #3 & #3A	CON													22,000	7,600	14,400				
	ADVCON																0	10,000	(10,000)	
Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope incudes 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.																				
OS5 Freeway Management System,																				NHPP
Congest 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)													
Phase 1C Part 3	CON				5,100	4,080	1,020													
Phase 2A	CON							10,000	4,000	6,000										
	ADVCON										0	4,000	(4,000)							
System Manager	DES				2,020	1,616	404													
Phase 3	DES							2,080	1,664	416										
	CON													10,000	4,000	6,000				
	ADVCON																0	4,000	(4,000)	
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.																				
OS57. Freeway Management System,	OPR							350	280	70	350	280	70	350	280	70	350	280	70	NHPP
Congest Joint Traffic Management Center Operations (State)																				
Estimated Total Project Cost - \$1,400,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.																				
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
Congest																				
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.																				
OS10. Guardrail and Shoulder Improvements, Various Locations	CON				2,228	1,782	446													HSIP
Safety Phase 1 Phase 2 Phase 3	DES							260	208	52										
	CON										3,121	2,497	624							
	DES										250	200	50							
	CON																3,000	2,400	600	
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.																				
OS64. Honolulu Rail Transit Project - Highway Improvements	CON				30,000	24,000	6,000													STP FLEXIBLE
Transit																				
Estimated Total Project Cost - \$30,000,000 -- Traffic improvements to traffic control devices and intersectionsaffected by rail construction along the West Oahu FarringtonHighway (Routes 7110 & 7101 from Old Fort Weaver Road toWaipahu High School) and Kamehemeha Highway (Route 99 fromAcacia Road to Aloha Stadium) Guideway construction corridors.																				
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
Congest																				
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.																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign																				NHPP
SysPres Upgrade/Replacement, Phase II Phase III	CON				2,704	2,434	270													
	DES				554	499	55													
	CON													6,000	5,400	600				
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.																				

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OS13. SysPres Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	ROW CON	25	0	25	6,300	5,040	1,260													NHPP	
Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge.																					
OS58. Congest Modern Interstate Route H-1, Corridor Study, Short Term Improvements	PLN							2,000	1,600	400										NHPP	
Estimated Total Project Cost - \$15,000,000 -- Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study																					
OS56. Congest SysPres Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection	CON				4,080	2,300	1,780													Interstate Maintenance Discretionary	
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.																					
OS59. Modern Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	DES				900	0	900													LOCAL	
Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.																					
OS14. Safety Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	CON ADVCON							6,497	4,347	2,150			0	1,500	(1,500)					NHPP	
Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS15. Safety Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON				5,520	4,416	1,104													NHPP	
Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS16. SysPres Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	CON										7,446	5,957	1,489							NHPP	
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.																					
OS17. Modern Interstate Route H-1, Kapolei Interchange Complex Phase 2 Phase 3	CON CON ADVCON DES ROW	4,800 65,500	4,300 49,500	500 16,000	 0	 9,977	 (9,977)													INTERSTATE DISCRETIONARY NHPP NHPP NHPP NHPP	
	Estimated Total Project Cost - \$139,000,000 -- 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 Palalilai and Makakilo Interchanges.																				
	OS18. SysPres Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	CON ADVCON																25,200	8,000	17,200	NHPP
	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.																				
OS20. Safety Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalilai IC) to Waiawa Overpass	CON							4,080	3,264	816										HSIP	
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.																					
OS22. SysPres Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3	DES CON				1,080	864	216							6,240	4,992	1,248				NHPP	
Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.																					
OS60. Modern Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)	DES										6,000	4,800	1,200							NHPP	
Estimated Total Project Cost - \$68,000,000 -- Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project Cost is based on a potential full build alternative.																					

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PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OS24. SysPres	Kalanianaʻole Highway (Route 72), Bridge Replacement Inaoale Stream Bridge, Waimanalo	CON													10,200	2,160	8,040				NHPP
		ADVCON																0	6,000	(6,000)	
		Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.																			
OS25. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier Phase I, Olomana Golf Course to Poalima Street	CON	13,500	10,800	2,700																NHPP
		Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.																			
OS26. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier																				NHPP
		Phase 2 - Poalima Street (MP 3.2) to Aloiloi Street	DES				2,244	1,795	449												
	CON																13,300	10,640	2,660		
	CON																2,750	2,200	550		
	Phase 3 - Aloiloi Street to Vic. of Makai Pier (MP 6.9)	CON															250	200	50		
		DES				1,632	1,306	326													
Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to vic. of Makai Pier. Project includes turning lanes, bus pullouts, bicycle facility improvements, lighting improvements and road way resurfacing.																					
OS53 SysPres	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	DES	1,300	1,040	260																NHPP
		ROW	165	132	33																
		CON								4,900	3,920	980									
Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge																					
OS27. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	ROW													297	238	59				NHPP
		CON																6,367	1,094	5,273	
		ADVCON																			
Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.																					
OS28. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON													17,600	4,080	13,520				NHPP
		ADVCON																0	10,000	(10,000)	
		Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.																			
OS29. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaluauui Stream Bridge	ROW										663	530	133							NHPP
		CON													9,200	2,360	6,840				
		ADVCON																	0	5,000	
Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																					
OS30. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	ROW	75	0	75																NHPP
		DES	1,100	880	220																
		CON								4,900	3,920	980									
Estimated Total Project Cost - \$6,500,000 -- Replace the existing bridge.																					
OS54 SysPres	Kamehameha Highway (Route 99), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	DES	1,800	1,440	360																NHPP
		ROW	25	0	25																
		CON				14,900	11,920	2,980													
Estimated Total Project Cost - \$17,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.																					
OS31. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW				200	160	40													NHPP
		CON							9,360	988	8,372										
		ADVCON											0	6,500	(6,500)						
Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.																					
OS32. SysPres	Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	ROW							1,020	816	204										NHPP
		CON																			
		ADVCON											26,520	2,216	24,304						
Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.																					
OS33. SysPres	Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge	PREROW										110	88	22							NHPP EARMARK-HIGH PRIORITY
		ROW											1,148	918	230						
		Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																			
OS34. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge	ROW										573	459	114							NHPP
		CON																			
		ADVCON														11,942	4,554	7,388			
Estimated Total Project Cost - \$13,300,000 - replace the existing bridge																					

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OS35. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waikane Stream Bridge	ROW CON													281	225	56				NHPP																			
Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																																								
OS36. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waipiole Stream Bridge	ROW CON				245	196	49				9,260	7,408	1,852					9,103	2,282		6,821																		
Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																																								
OS61. Safety	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaiola Beach	DES ROW							2,840	2,272	568										NHPP																			
Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.																																								
OS37. Safety	Kamehameha Highway (Route 83), Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach	ROW CON CON							490	392	98				10,080	8,064	2,016					NHPP																		
Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																																								
OS55. Safety	Kamehameha Highway (Route 83) Safety Improvements Kahana Valley Road to Kaaawa Bridge	CON				1,632	1,306	326													HSIP																			
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.																																								
OS51 Safety	Kamehameha Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,665	1,332	333											HSIP																		
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.																																								
OS39. Safety	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)	CON													10,820	8,640	2,180				NHPP																			
Estimated Total Project Cost - \$12,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																																								
OS40. Safety	Kamehameha Highway (Route 83) Shoreline Protection, Vicinity of Punaluu (#9)	CON																7,650	6,120	1,530		NHPP																		
Estimated Total Project Cost - \$8,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																																								
OS41. Enhance	Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON ADVCON										6,500	1,200	5,300							NHPP																			
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.																																								
OS42. Modern	Kualakai Parkway (Route 8930) Extension	CON ADVCON										18,100	2,000	16,100				0	8,000	(8,000)		0	4,480	(4,480)	STP FLEXIBLE															
Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.																																								
OS43. Enhance	Leeward Bikeway Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON				9,000	7,200	1,800													STP ENHANCEMENT																			
Phase II - Hawaiian Railway Society Train Station to Luualalei Naval Road																																								
PREROW																																								
ROW CON																																								
Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.																																								
OS44. Safety	Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON							6,242	4,994	1,248										NHPP																			
Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																																								
OS45. SysPres	Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON							6,242	5,618	624											NHPP																		
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).																																								
OS46. SysPres	Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON										2,533	2,026	507							NHPP																			
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).																																								

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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A" and Puuloa Separation	CON ADVCON										10,822	288	10,534	0	8,370	(8,370)				NHPP
Estimated Total Project Cost - \$11,700,000 -- Retrofit interchange structures, Puuloa Interchange, Ramp "A" and Puuloa Separation, to meet current seismic standards.																				
OS62. Pali Highway (Route 61) Resurfacing & Lighting Improvements SysPres Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																				NHPP
Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waokanaka St. to Kamehameha Hwy.	CON ADVCON							44,000	32,700	11,300				0	2,500	(2,500)				
Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St	CON ADVCON													18,000	4,400	13,600				
Estimated Total Project Cost -- \$65,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.																				
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)
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.																				
OS52. Sand Island Access Road (Route 64), Truck Weigh Station Safety Kapalama Container Terminal	DES PREROW ROW CON				135	0	135													NHPP
Estimated Total Project Cost - \$9,000,000 -- 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.																				
OS63. Traffic Counting Stations, Various Locations Modern	CON							2,500	2,000	500										STP FLEXIBLE
Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.																				
OAHU : STATE - FHWA TOTAL		158,769	98,019	60,750	132,841	103,138	29,703	154,663	81,761	72,902	149,358	61,393	87,965	174,939	91,163	83,776	120,414	110,908	9,506	

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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
Human		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.																		
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	6	1	5	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	12,115	(12,115)													
	EQP	1	0	1	1,700	0	1,700	200	0	200										
	OPR							300	240	60										
Estimated Total Project Cost - \$97,813,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.																				
OC2. Bikeway Improvements Program Enhance	DES				1	0	1													STP FLEXIBLE
	CON				663	530	133													
	INSP				153	122	31													
	TBD - DES 2017	DES						255	204	51										
	TBD - CON 2019	CON												1,639	1,311	328				
	INSP													156	125	31				
	TBD - DES 2018	ROW									1	0	1							
	PLN										102	0	102							
	DES										306	0	306							
	TBD - CON 2020	CON															2,445	1,956	489	
	EQP																156	125	31	
	TBD - DES 2019	ROW												1	0	1				
	PLN													102	0	102				
	DES													306	0	306				
	TBD	ROW																1	0	1
	PLN																	102	0	102
	DES																	306	0	306
Estimated Total Project Cost - \$6,695,000 -- 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.																				
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	BRIDGE OFF SYSTEM
Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.																				
OC4. Computerized Traffic Control System Congest																				STP FLEXIBLE
	Phase 14 - Mililani Town	DES						350	280	70										
		CON									3,105	2,305	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	800	
		EQP															1	0	1	
	Phase 17 - TBD	DES															350	280	70	
	Estimated Total Project Cost - \$12,508,000 -- 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.																			

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PROJECT	PHASE	FFY2016 (Oct 1, 14- Sep 30, 16)			FFY2018 (Oct 1, 16- Sep 30, 18)			FFY2017 (Oct 1, 15- 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)	
OC6. Kapolei Parkway (Route 8920) Extension Congest	DES	50	0	50																STP FLEXIBLE
	CON	240	0	240																
Estimated Total Project Cost - \$23,789,000 -- 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.																				
OC7. Makakilo Drive (Route 8810) Extension Modern	DES							3,060	0	3,060										STP FLEXIBLE
	CON																20,400	4,080	16,320	
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.																				
OC23. Salt Lake Boulevard Widening Modern	CON										40,000	11,000	29,000	40,000	11,000	29,000				STP FLEXIBLE
Estimated Total Project Cost - \$80,000,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liliko Streets.																				
OC8. Traffic Improvements at Various Locations Safety	DES	450	360	90																STP FLEXIBLE
	CON							1,500	1,200	300										
	INSP							500	400	100										
Kalaheo Avenue/Kailua Road	ROW													106	85	21				
	CON													1,590	1,272	318				
	INSP													265	212	53				
TBD - CON 2019	PLN							10	0	10										
	DES							510	408	102										
	CON													1,625	1,300	325				
	INSP													130	104	26				
TBD - CON 2020	ROW										51	0	51							
	PLN										51	0	51							
	DES										348	278	70							
	CON																1,178	942	236	
TBD	ROW													51	0	51				
	PLN													51	0	51				
	DES													222	178	44				
	CON																			
TBD	ROW																51	0	51	
	PLN																51	0	51	
	DES																510	408	102	
	CON																			
Estimated Total Project Cost - \$9,244,000 -- 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.																				
OC9. Traffic Signal Optimization Congest																				STP FLEXIBLE
Phase 6 - Kapolei, Ewa, Makakilo	PLN							1	0	1										
	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				
Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.																				

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PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 17 - 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)		
OC10. Congest	Traffic Signals at Various Locations																				STP FLEXIBLE	
	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/Nanaikaola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona																					
			CON				3,405	2,855	550													
			EQP				5	0	5													
	Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihaui St, Kuala 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		PLN				5	0	5													
			DES	438	350	88	427	357	70													
			CON									2,825	2,060	765								
			EQP									4	0	4								
	Phase 19 - TBD		CON												4,121	3,300	821					
			EQP												4	0	4					
	Phase 20 - TBD		DES						447	357	90								4,121	3,300		821
			CON																4	0		4
		EQP																				
Phase 21 - TBD		DES										447	357	90								
Estimated Total Project Cost - \$23,515,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.																						
OC25. Enhance	Transportation Alternatives Program at Various Locations																				TAP-U	
	DTS Secure Bike Storage Units		CON				500	400	100													
	HART Middle Loch Connector		CON				500	400	100													
Estimated Total Project Cost - \$7,889,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.																						
OC11. SysPres	Waipio Point Access Road (Route 7139) Improvements		CON	158	96	62															STP FLEXIBLE	
Estimated Total Project Cost - \$5,000,000 -- 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.																						
OAHU : C&C OF HONOLULU - FHWA TOTAL				29,508	17,000	12,508	31,638	17,500	14,138	12,430	7,302	5,128	48,592	17,000	31,592	55,821	23,167	32,654	34,676	15,091	19,585	

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CITY & COUNTY OF HONOLULU - FTA																					
OC12. Agency-Provided Trips	Human	OPR							354	177	177	366	183	183	376	188	188	388	194	194	FTA \$5307/55340
		OPR	334	167	167																FTA \$5307/55340 (2014)
		OPR				209	104	105													FTA \$5307/55340 (2015)
		OPR	512	249	263																FTA \$5310 (2013)
		OPR				722	307	415													FTA \$5310 (2014)
		OPR							528	264	264	544	272	272	560	280	280	576	288	288	FTA \$5310 - Urban
		OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	LOCAL
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.																					
OC13. Bus and Handi-Van Acquisition Program	Transit	EQP				3,688	2,519	1,169	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
FY15 = 17-40' buses + 19-60' buses + 19 small vans + 6 < 30' buses		EQP	15,086	11,461	3,625																FTA \$5307/55340 (2014)
FY16 = 30 <30' buses + 0-35' buses + 15-40' buses + 10-60' buses		EQP				13,018	10,414	2,604													FTA \$5307/55340 (2015)
FY17 = 10 <35' buses + 10-40' buses + 10-60' buses		EQP	2,403	1,923	480																FTA \$5309 (2012)
FY18 = 9 <35' buses + 10-40' buses + 10-60' buses		EQP							1,388	1,178	210	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA \$5337 SOGR
		EQP	1,297	1,047	250																FTA \$5337 SOGR (2013)
		EQP	1,376	1,111	265																FTA \$5337 SOGR (2014)
		EQP	0	0	0	1,410	1,133	277													FTA \$5337 SOGR (2015)
		EQP							2,979	2,352	627	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	FTA \$5339
		EQP	4,365	3,492	873	821	657	164													FTA \$5339 (2013)
		EQP	4,271	3,417	854																FTA \$5339 (2014)
		EQP	0	0	0	4,453	3,562	891													FTA \$5339 (2015)
Estimated Total Project Cost - \$175,566,000 -- Purchase replacement transit buses and handi-van vehicles.																					
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	LOCAL
		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 \$5307/55340
		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
Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).																					
OC15. Bus Stop Site Improvements	Transit	PLN	5	0	5															LOCAL	
		ROW	1	0	1															LOCAL	
		DES	90	0	90															LOCAL	
		CON	1,735	1,330	405															FTA \$5307	
		EQP	1	0	1															LOCAL	
Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.																					
OC24. Capital Training	Transit	OPR	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	FTA \$5307
Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.																					
OC16. Honolulu Rail Transit Project	Transit	H RTP							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/ 55340
		H RTP	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
		H RTP				30,000	24,000	6,000													
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.																					
a. Total estimated cost (YOE\$) = \$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.																					
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																					
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOE\$).																					
OC17. Local Shuttle Service	Human	OPR							216	108	108	223	111	112	230	115	115	236	118	118	FTA \$5307/55340
		OPR	204	102	102																FTA \$5307/55340 (2014)
		OPR				204	102	102													FTA \$5307/55340 (2015)
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.																					
OC18. Middle Street Intermodal Center	Transit	PLN										1	0	1							FTA \$5339
		PLN							1,846	1,348	498										FTA \$5339 (2016)
		DES										200	0	200							LOCAL
		CON													5,864	0	5,864	5,867	0	5,867	LOCAL
		EQP													1	0	1	1	0	1	LOCAL
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.																					

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OC19. Mobility Management Human	OPR	257	197	60				335	268	67	345	276	69	356	285	71	366	293	73	FTA \$5307/\$5340 (2014)
	OPR																			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
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.																				
OC22. Pedestrian Transit Connections SysPres	PLN	1	0	1																LOCAL
	DES	250	0	250																LOCAL
	CON	1,120	1,100	20																FTA \$5307 (2014)
	INSP	10	0	10																LOCAL
	EQP	5	0	5																LOCAL
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.																				
OC20. Preventive Maintenance Transit	OPR				41,638	21,833	19,805	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	FTA \$5307/\$5340
	OPR	32,927	17,265	15,662																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)
Estimated Total Project Cost - \$287,082,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																				
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
Estimated Total Project Cost - \$2,023,000 -- Capital projects at various transit locations to improve safety and security.																				
OAHU : C&C OF HONOLULU - FTA TOTAL		1,147,325	390,619	756,706	1,162,441	405,761	756,680	881,384	286,467	594,917	514,859	168,480	346,379	128,291	40,291	88,000	130,896	41,508	89,388	

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FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			93,432			66,263			74,584			55,491			80,428			98,221		
BRIDGE OFF-SYSTEM			720			720			720			720			800			800		
STP ENHANCEMENT / TAP			0			8,000			86			0			2,448			5,320		
STP FLEXIBLE			16,280			39,980			8,582			18,280			30,367			18,771		
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			0			918			0			200		
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		115,019			120,638			89,063			78,393			114,330			125,999		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)			(2,300)			0			(918)			0			(200)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		110,719			118,338			89,063			77,475			114,330			125,799		

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HAWAII - STATE - FHWA																						
HS1. Safety	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON												8,190	6,552	1,638				STP FLEXIBLE		
	Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																					
	CON	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	16,500	0	16,500	NHPP / STP FLEXIBLE		
HS2. SysPres	Bridge and Pavement Improvement Program, Hawaii																					
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 STP 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.																						
HS23. Modern	Daniel K. Inouye Highway (Route 200) Extension	DES			255	204	51													STP FLEXIBLE		
	Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW			255	204	51															
	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.																					
HS24. Modern	Daniel K. Inouye Highway (Route 200) Improvements	CON	46,000	46,000	0															STP FLEXIBLE (DAR soft match)		
	Phase 2D: East Side Grade & Pave, MP 6 to MP 11																					
	Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HS3. Safety	Guardrail and Shoulder Improvements, Various Locations	DES															100	80	20	STP FLEXIBLE		
	Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																					
	HS4. SysPres	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW CON						1,150	920	230							10,600	8,480	2,120	NHPP	
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																						
HS5. Safety	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	PREROW ROW CON ADVCON	50 	40 	10 	1,250 	1,000 	250 			6,500	600	5,900	0	4,600	(4,600)				NHPP		
	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.																					
	HS6. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	CON ADVCON									5,600	480	5,120	0	4,000	(4,000)				NHPP	
Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																						
HS7. Safety		Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON															1,560	1,248	312	NHPP	
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					
	HS8. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON											1,560	1,248	312				NHPP		
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																						
HS9. Safety		Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON				1,693	1,355	338												NHPP	
	Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																					
	HS10. Safety	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW CON ADVCON						270	216	54			38,700	7,000	31,700	0	13,000	(13,000)	0	10,960	(10,960)
Estimated Total Project Cost - \$39,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																						
HS12. SysPres		Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW CON						100	80	20						3,640	2,912	728		STP FLEXIBLE	
	Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																					
	HS13. SysPres	Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW CON						2,200	1,760	440						11,200	8,960	2,240		NHPP	
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.																						

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 17 - 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)	
HS14. Modern Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road	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. Modern Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements	CON				3,692	2,954	738													STP FLEXIBLE HSIP
	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>																				
HS17. Safety Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2	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. SysPres Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7)	DES	1,400	1,120	280																STP FLEXIBLE
	ROW	100	0	100																
	CON													6,600	5,280	1,320				
<i>Estimated Total Project Cost - \$8,100,000 -- Replace existing bridge.</i>																				
HS26. SysPres Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement	DES	1,400	1,120	280																STP FLEXIBLE
	ROW	65	0	65																
	CON													10,000	8,000	2,000				
<i>Estimated Total Project Cost - \$11,454,000 -- Replace existing bridge.</i>																				
HS19. Safety Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	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. Safety Mamalahoa Highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road	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. Safety Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9	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. Enhance National Recreational Trails Program - Hawaii (DLNR)	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. Modern Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	PREROW										54	43	11							STP FLEXIBLE EARMARK - HIGH PRIORITY (HI025)
	ROW													5,600	4,480	1,120				
	ROW													1,000	800	200				
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)	PREROW										56	45	11							STP FLEXIBLE
	ROW																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. Congest Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	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. SysPres Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park	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	64,664	74,131	(9,467)	35,634	37,115	(1,481)	

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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							10,600	2,264	8,336										STP FLEXIBLE
	ADVCON										0	6,216	(6,216)							
	Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.																			
HC3. Bridge Inspection and Appraisal SysPres	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																			
HC4. Kawaiiani Street (Rte 2760) Improvements Congest	Vicinity of Kanoelani Street to Vicinity of Kuhlilani Street Phase 2B																			
	CON				17,850	10,904	6,946													STP FLEXIBLE
	ADVCON							0	3,376	(3,376)										
	Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakulani, 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.																			
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modern	DES							1,530	1,200	330										STP FLEXIBLE
	CON																			
	ADVCON													17,310	3,928	13,382	0	9,920	(9,920)	
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.																				
HC6. Mamalahoa Highway (Route 19) Widening Modern	CON							8,160	6,400	1,760										NHPP
	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.																			
HC7. Waianuenue Avenue (Route 2720) Improvements Safety	DES	900	720	180																STP FLEXIBLE
	ROW				250	200	50													
	CON										12,650	3,928	8,722							
	ADVCON													0	6,192	(6,192)				
	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.																			
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		900	720	180	18,300	11,264	7,036	20,290	13,240	7,050	12,850	10,304	2,546	17,310	10,120	7,190	200	10,080	(9,880)	

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PROJECT	PHASE	FFY2016 (Oct 1, 14 - Sep 30, 16)			FFY2016 (Oct 1, 16 - 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 HAWAII - FTA																					
HC8. Transit	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)
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.																					
HC9. Transit	Rural Transportation Program	OPR	2,000	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
Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																					
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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PROJECT	PHASE	FFY2016 (Oct 1, 14 - Sep 30, 16)			FFY2018 (Oct 1, 16 - 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)	
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			19,605			8,470			16,180			51,344			26,208		
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			23,986			19,700			24,559			84,251			47,195		
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			23,986			19,700			24,559			83,451			47,195		

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PROJECT		PHASE	FFY2016 (Oct 1, 14- Sep 30, 16)			FFY2016 (Oct 1, 16 : 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)	
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	Kuihelani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave	CON	11,300	8,500	2,800																
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.																					
MS2.	Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
Safety	at Various Locations, Maui																				
	Part 2--Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue	CON				1,000	800	200				1,000	800	200							
	Part 3	CON																			
	Part 4	CON																			
Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.																					
MS18.	Hana Highway Bridge Preservation Program	DES							2,075	1,660	415										STP FLEXIBLE
SysPres	Phase 1	ROW													1,065	852	213				
Estimated Total Project Cost - \$25,000,000 -- Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded.																					
Phase 1 will include work on 6 bridges: 1. Puohokamoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali																					
MS19	Hana Highway (Route 36) Safety Improvements,	DES				50	45	5													HSIP
Safety	Kaiae Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	CON										450	405	45							
Estimated Project Cost - \$500,000 ---Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; superelevation assessment (to determine treatment) along entire segment, if necessary; install flashing beacons in both directions near Mama's Fish House; push back embankment; install rumble strips in lane; pavement markings; & signing.																					
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)				
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement,	ROW							858	686	172										NHPP
SysPres	Honolua Bridge	CON										5,600	4,480	1,120							
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																					
MS6.	Honoapiilani Highway (Route 3000) Realignment																				NHPP
Modern	Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																
		ROW							100	0	100										
		CON										30,000	5,000	25,000							
		ADVCON													0	19,000	(19,000)				
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.																					
MS7.	Honoapiilani Highway (Route 30), Safety Improvements	CON							1,352	1,217	135										HSIP
Safety	Ukumehame to Olowalu																				
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.																					
MS17.	Honoapiilani Highway (Route 30), Safety Improvements	CON							3,120	2,496	624										HSIP
Safety	Vicinity of Kapoli Street to Papalaua Beach Park																				
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.																					
MS8.	Honoapiilani Highway (Route 30) Shoreline Protection	CON	3,250	2,600	650																NHPP
SysPres	Vicinity of Olowalu																				
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																					
MS9.	Kahului Beach Road (Route 3400), Shoreline Protection	PREROW	20	16	4																STP FLEXIBLE
SysPres	Kahului Bay	ROW							240	192	48										
		CON							5,130	4,100	1,030										
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.																					

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PROJECT		PHASE	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)	FUND CATEGORY & REMARKS
MS10. Enhance	National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
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.																					
MS12. Modern	Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park	DES PREROW											3,570	2,856	714			110	88	22	STP FLEXIBLE
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.																					
MS20. Safety	Pillani Highway Safety Improvements N. Kihei Rd to the Vicinity of Alanui Ke Alii Dr., MP 3.7 to MP 8.5	DES CON				90	81	9				810	729	81							HSIP
Estimated Project Cost - \$500,000 ---Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; shoulder widening where possible; traffic signal interconnectivity if possible; installation of backplates with retroreflective borders for all traffic signal heads; extend right turn acceleration lane from Welakahao Rd; install rumble strips in turning lanes; pavement markings; & signing.																					
MS13. Modern	Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8				158	126	32				13,500	5,800	7,700				STP FLEXIBLE
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.																					
MS14. Safety	MOLOKAI Guardrail and Shoulder Improvements Program at Various Locations, Molokai Part 2	CON				750	600	150													STP FLEXIBLE
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																					
MS15. SysPres	Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON															7,535	6,028	1,507		STP FLEXIBLE
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.																					
MAUI : STATE - FHWA TOTAL			32,803	11,541	21,262	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319	

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PROJECT		PHASE	FFY2015 (Oct 1, 14- Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 17 - 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 MAUI - FHWA																						
MC1.	Alaalua Bridge Replacement, Hana Highway (Route 3700), MP 33.80	DES							750	0	750										LOCAL	
Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.																						
MC2.	Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Halimalle Road to Hana Hwy	CON				6,700	5,000	1,700													STP FLEXIBLE	
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.																						
MC3.	Bridge Inspection and Appraisal	PLN	427	342	85				400	320	80				300	240	60				STP FLEXIBLE	
Estimated Total Project Cost - \$1,000,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.																						
MC4	Central Maui Traffic Signal Upgrades	DES							270	0	270										STP FLEXIBLE	
Connect	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)	CON													1,300	1,040	260					
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.																						
MC5	Guardrail and Shoulder Improvements, Various Locations 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	
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.																						
MC6.	Hahalawe Bridge Replacement, Hana Highway (Route 3700), MP 31.05	DES CON				700	0	700										7,550	5,400	2,150	STP FLEXIBLE	
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.																						
MC8.	Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2	CON							1,530	1,200	330										STP FLEXIBLE	
Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.																						
MC10.	Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40	CON													3,683	2,570	1,113				STP FLEXIBLE	
Estimated Total Project Cost - \$4,000,000 -- 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.																						
MC11.	Kahawaikapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	DES CON	830	24	806										5,620	3,672	1,948				STP FLEXIBLE	
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.																						
MC12.	Kanaloa Avenue (Route 3420, MP 0-MP 0.9), 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 CON							300	0	300				6,730	5,384	1,346				STP FLEXIBLE	
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.																						
MC41	Kaupakalua Road (Route 365) Pavement Rehabilitation	DES							550	0	550										STP FLEXILE	
Estimated Total Project Cost - \$13,850,000 -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.																						

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PROJECT		PHASE	FFY2016 (Oct 1, 14 - Sep 30, 16)	FFY2016 (Oct 1, 16 - 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)			
MC26. Modern North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road	DES					600	0	600										STP FLEXIBLE		
	ROW								150	0	150									
	CON														8,670	6,936	1,734			
	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.																			
MC27. Congest Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) 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						
	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.																			
MC40. SysPres Old Haleakala Hwy (Route 367) Aeloa Rd to Kula Hwy. (Route 37), Reconstruction	CON		4,958	3,527	1,431													STP FLEXIBLE		
	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.																			
MC28. SysPres Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES		370	0	370													STP FLEXIBLE		
	CON								2,245	1,760	485									
	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.																			
MC29. Congest Papa Avenue (Route 3910, MP 2.2) Traffic Signals at Hina Avenue (Route 3930, MP 0.8)	CON											880	688	192				STP FLEXIBLE		
	Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.																			
MC30. Congest Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES		130	0	130													STP FLEXIBLE		
	CON											1,250	1,000	250						
	Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua 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.																			
MC31. SysPres Pavement Rehabilitation, Various Roads, South Maui Kulanihakai 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 Pilani Highway (Route 31)	DES		20	0	20				7,300	5,440	1,860							STP FLEXIBLE		
	CON																			
	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.																			
MC33. Congest Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON								826	648	178							STP FLEXIBLE		
	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.																			
MC34. Enhance Waipulani Bikepath Kulanihakai Street (Route 3175) to W. Waipulani Road (Route 3170)	CON											1,765	1,384	381				STP ENHANCEMENT		
	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.																			
MC35. Congest Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON								1,248	960	288							STP FLEXIBLE		
	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.																			
MAUI : COUNTY OF MAUI - FHWA TOTAL			10,960	6,773	4,187	13,175	8,120	5,055	23,508	15,920	7,588	13,064	9,737	3,327	50,163	37,466	12,697	32,504	24,531	7,973

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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)		
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.																						
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		
Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																						
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)		
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.																						
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		
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.																						
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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		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 - MAUI																			
NHPP (National Highway Performance Program)			11,140		0			781			11,000			23,000			0		
BRIDGE OFF-SYSTEM			0		0			0			0			0			0		
STP ENHANCEMENT			2,872			1,400		0			0			1,384			0		
STP FLEXIBLE			3,943			8,120		21,998			10,537			45,590			36,447		
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			126		3,713			1,134			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		
FERRY BOAT DISCRETIONARY / ARRA FBD						0		0			0			0			0		
	SUBTOTAL		18,314		10,005			26,851			23,030			70,333			36,806		
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		18,314		10,005			26,851			23,030			70,333			36,806		

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PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FFY2016 (Oct 1, 15 - Sep 30, 16) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FFY2017 (Oct 1, 16 - Sep 30, 17) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FFY2018 (Oct 1, 17 - Sep 30, 18) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FFY2019 (Oct 1, 18 - Sep 30, 19) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FFY2020 (Oct 1, 19 - Sep 30, 20) (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	FUND CATEGORY & REMARKS	
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	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				100	80	20																			
	Part 4	CON							1,000	800	200																
	Part 5	DES										100	80	20													
		CON													1,000	800	200										
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																											
KS3.	Kapule Highway / Rice Street / Waapa (Route 51) Road	ROW									850	680	170													NHPP	
SysPres	Improvements and Nawiliwili Bridge Replacement	CON																				4,185	3,348	837			
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	ROW	67	0	67																					NHPP	
SysPres	Bridge No. 7E	CON				3,200	2,560	640																			
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	ROW	105	0	105																					STP FLEXIBLE	
SysPres	Hanapepe Bridge	CON	100	80	20																						
	Phase 1 - Detour Road	CON				2,000	1,600	400																			
	Phase 2 - Bridge work	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	ROW				110	88	22																		STP FLEXIBLE	
SysPres	Omao Bridge	CON																	7,800	6,240	1,560						
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																	20,000	6,000	14,000					NHPP	
Modern	Phase IB	ADVCON																				0	10,000	(10,000)			
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	ROW				805	644	161																		NHPP	
SysPres	Kapaia Bridge	CON									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 Kapaia.																											
KS15.	Kuhio Highway (Route 560), Bridge Rehabilitation	DES	2,100	1,680	420																					STP FLEXIBLE	
SysPres	Wainiha Stream Bridges #1, #2, #3	ROW	100	0	100																						
		CON	100	80	20																						
	Phase 1 - Detour Road	CON				1,000	800	200																			
	Phase 2 - Bridge work	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	ROW								607	486	121														STP FLEXIBLE	
SysPres	Waioi, Waipa, and Waikoko Stream Bridges	CON				1,000	800	200																			
	Phase 1 - Detour Road	CON																	9,000	2,200	6,800						
	Phase 2 - Bridge work	ADVCON																				0	5,000	(5,000)			
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																											
KS14.	Kuhio Highway (Route 56) Emergency Slope Stabilization,	CON									13,000	3,000	10,000													STP FLEXIBLE	
SysPres	Kalihiwai Bridge	ADVCON																	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), Maillihuna Road Intersection Improvements	ROW	120	0	120																					NHPP	
Safety	and Kapaa Stream Bridge Rehabilitation	CON				1,000	800	200																			
	Phase 1 - Detour Road	CON																	9,600	7,680	1,920						
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maillihuna 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)	DES				120	96	24																		HSIP	
Safety	Safety Improvements, MP 21.4 - 27.1	CON									1,080	864	216														
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	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	22,669	8,535	14,134	13,921	1,537	12,384	38,494	13,795	24,699	104,714	56,571	48,143	16,499	28,599	(12,100)							

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PROJECT		PHASE	FFY2015 (Oct 1, 14- Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 16- Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 17- Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 18- Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 19- Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 20- Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF KAUAI - FHWA																								
KC1.	Bridge Inspection and Appraisal	PLN/DES				125	100	25							125	100	25				125	100	25	STP FLEXIBLE
SysPres	Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.																							
KC2.	Hanapepe Road (Rte 545) Resurfacing	CON							3,120	1,400	1,720													STP FLEXIBLE
SysPres		ADVCON												0	1,000	(1,000)								
	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.																							
KC13.	Kapahi Bridge Replacement	CON	2,000	1,600	400																			STP FLEXIBLE
SysPres	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.																							
KC3.	Kawaihau Road (Route 5860), Hauaala Road (Route 5865)	PLN	100	80	20																			STP FLEXIBLE
Safety	Maalihuna Road (Route 5870), Complete Street & Safety Improvements	DES	275	220	55																			
		CON							3,060	2,450	610													
	Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maalihuna 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 Maalihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).																							
KC4.	Lihue-Anahola Coastal Bike Path																							STP ENHANCEMENT
Enhance	Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path																							
	Phase A-1, Kawaihau Elevated Boardwalk, Papaioa Road to Uhelekawawa Canal	CON				2,295	2,295	0																
	Phase C & D	CON							1,560	1,560	0													
	A shared-use path for pedestrians, bicyclists, and other users from Papaloa 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	DES							1,122	1,122	0													
	Phase A - Ahukini Landing to Hanamaulu Beach Park	CON																						
	Phase B - Hanamaulu Beach Park to Wailua Golf Course	DES												815	815	0		7,575	7,575	0				
		ROW																4,080	4,080	0				
	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.																							
	Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path	DES																1,907	1,907	0				
	Phase A - Ninini Point to Ahukini	ROW																						
		CON																			428	428	0	
	Phase B - Ninini Point to Nawiliwili Beach Park	DES																6,865	6,865	0				
	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.																							
KC14.	Lihue Town Core Mobility and Revitalization	PLN				1,234	1,049	185																TIGER (2015)
Enhance		DES/CON							15,019	12,766	2,253													
	Estimated Total Project Cost - \$16,253,059 -- 1) Conversion of Eiwa Street to a transit hub; 2) Rice Street road diet and streetscape improvements; 3) Sidewalks on Hoala and Kalena Streets; 4) Hoolako Street bicycle and pedestrian improvements; 5) Civic Center to Convention Hall shared use path; 6) Civic Center Transit Services; and 7) Puaole and Malae Streets bicycle boulevard.																							
KC5.	Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	DES													2,000	1,600	400							STP FLEXIBLE
Modern	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.																							
KC6.	Opaekaa Bridge Rehabilitation	CON										3,500	2,800	700										STP FLEXIBLE
SysPres	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.																							
KC7.	Poipu Road (Route 520) Multimodal Improvements	PLN	100	80	20																			STP FLEXIBLE
Enhance		DES	400	320	80																			
		CON										7,588	6,070	1,518										
	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																							
KC8.	Puhi Road (Route 5010) Rehabilitation	CON	3,300	2,640	660																			STP FLEXIBLE
SysPres	Phase 1 - Kaunualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35)	DES	250	200	50																			
	Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	CON							3,500	2,800	700													
	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.																							
KC9.	Puopopae Bridge Rehabilitation	CON				3,185	2,500	685																STP FLEXIBLE
SysPres	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.																							
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			6,425	5,140	1,285	6,839	5,944	895	27,381	22,098	5,283	12,028	10,785	1,243	16,582	16,182	400	7,418	7,393	25				

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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 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)			
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.																							
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			
Transit																							
Estimated Total Project Cost - \$13,160,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																							
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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PROJECT	PHASE	FFY2016 (Oct 1, 14 - Sep 30, 16)			FFY2016 (Oct 1, 16 - 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)	
FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			0			4,004			0			9,600			13,680			13,348		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			0			2,295			2,682			815			14,582			7,293		
STP FLEXIBLE			9,980			6,784			7,936			13,050			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			1,049			12,766			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			14,479			23,635			24,580			72,753			35,992		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(1,049)			(12,766)			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		10,231			13,430			10,869			24,580			72,753			35,992		

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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)	
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		1,147,325	390,619	756,706	1,162,441	405,761	756,680	881,384	286,467	594,917	514,859	168,480	346,379	128,291	40,291	88,000	130,896	41,508	89,388	
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	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319	
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		1,190,913	408,675	782,238	1,196,500	414,413	782,087	927,048	304,371	622,677	592,485	188,959	403,526	179,658	80,563	99,095	173,151	61,416	111,735	

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Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 17 - Sep 30, 17)			FFY2018 (Oct 1, 18 - Sep 30, 18)			FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - 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)	
FHWA SUMMARY																				
STATEWIDE		37,705	6,693	31,012	41,275	9,809	31,466	42,133	10,495	31,638	44,590	16,536	28,054	47,685	10,807	36,878	41,865	10,141	31,724	
Oahu - State		158,769	98,019	60,750	132,841	103,138	29,703	154,663	81,761	72,902	149,358	61,393	87,965	174,939	91,163	83,776	120,414	110,908	9,506	
City and County of Honolulu		29,508	17,000	12,508	31,638	17,500	14,138	12,430	7,302	5,128	48,592	17,000	31,592	55,821	23,167	32,654	34,676	15,091	19,585	
ISLAND OF OAHU		188,277	115,019	73,258	164,479	120,638	43,841	167,093	89,063	78,030	197,950	78,393	119,557	230,760	114,330	116,430	155,090	125,999	29,091	
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	64,664	74,131	(9,467)	35,634	37,115	(1,481)	
County of Hawaii		900	720	180	18,300	11,264	7,036	20,290	13,240	7,050	12,850	10,304	2,546	17,310	10,120	7,190	200	10,080	(9,880)	
ISLAND OF HAWAII		67,136	49,548	17,588	50,483	23,986	26,497	44,639	19,700	24,939	118,929	24,559	94,370	81,974	84,251	(2,277)	35,834	47,195	(11,361)	
Maui - State		32,803	11,541	21,262	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319	
County of Maui		10,960	6,773	4,187	13,175	8,120	5,055	23,508	15,920	7,588	13,064	9,737	3,327	50,163	37,466	12,697	32,504	24,531	7,973	
ISLAND OF MAUI		43,763	18,314	25,449	36,014	10,005	26,009	57,610	26,851	30,759	78,773	23,030	55,743	89,247	70,333	18,914	62,098	36,806	25,292	
Kauai - State		18,006	5,091	12,915	22,669	8,535	14,134	13,921	1,537	12,384	38,494	13,795	24,699	104,714	56,571	48,143	16,499	28,599	(12,100)	
County of Kauai		6,425	5,140	1,285	6,839	5,944	895	27,381	22,098	5,283	12,028	10,785	1,243	16,582	16,182	400	7,418	7,393	25	
ISLAND OF KAUAI		24,431	10,231	14,200	29,508	14,479	15,029	41,302	23,635	17,667	50,522	24,580	25,942	121,296	72,753	48,543	23,917	35,992	(12,075)	
FHWA TOTAL		361,312	199,805	161,507	321,759	178,917	142,842	352,777	169,744	183,033	490,764	167,098	323,666	570,962	352,474	218,488	318,804	256,133	62,671	

DEPARTMENT OF TRANSPORTATION
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)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			107,305			75,102			87,461			86,971			151,716			135,057		
BRIDGE OFF-SYSTEM			720			720			720			720			800			800		
STP ENHANCEMENT			2,872			11,695			2,768			815			18,414			12,613		
STP FLEXIBLE			80,481			77,623			50,406			66,922			175,923			99,372		
SECTION 1404 - (Safe Routes to School)			200			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			2,466			7,467			12,762			7,791			2,610			6,630		
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			0			918			800			200		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112						0			0			0			0			0		
EARMARK - SECTION 115						0			0			0			0			0		
EARMARK - SECTION 117						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			1,049			12,766			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		199,805			178,917			169,744			167,098			352,474			256,133		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)			(3,614)			(13,031)			(1,183)			(1,065)			(465)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	195,240			175,303			156,713			165,915			351,409			255,668		