

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **REVISION #15 (Administrative Modification)**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: August 29, 2013

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FHWA																					
S1. Bikeway Improvements at Various Locations, Statewide <span>Enhance</span>	DES										300	240	60				300	240	60	STP FLEXIBLE	
	ROW										50	40	10				50	40	10		
	CON													2,000	1,600	400					
Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.																					
S2. Bridge Inspection and Appraisal <span>SysPres</span>	PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM	
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. Construction Career Days Workforce Development Program <span>Human</span>	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																					
S27. Hawaii Scenic Byways Statewide Signage <span>Enhance</span>	DES/CON				78	78	0													NATIONAL SCENIC BYWAYS	
Estimated Total Project Cost - Design, Manufacture and install directional and byway identification signage on four state byways located on Hawaii and Kauai islands. Signage will be consistent with the State's Scenic Byway Program.																					
S4. Highway Research and Development Program <span>SysPres</span>	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE	
Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program																					
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program <span>Safety</span>	PLN/DES	500	400	100	500	400	100	700	630	70	3,000	3,000	0	700	630	70	700	630	70	HSIP (Incr total by \$2.3M)	
Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																					
S6. Highway Shoreline Protection, Statewide <span>SysPres</span>	DES																500	400	100	STP FLEXIBLE	
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																					
S7. Hawaii Statewide ITS Architectural Plan <span>SysPres</span>	PLN				1,000	800	200													STP FLEXIBLE	
Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).																					
S8. Pedestrian Facilities and ADA Compliance at Various Locations <span>Enhance</span>	DES										204	163	41				200	160	40	STP FLEXIBLE	
	CON													2,000	1,600	400					
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.																					
S28. Planning and Programming of Various Projects, Statewide <span>SysPres</span>	PLN/DES										500	400	100							STP FLEXIBLE	
Estimated Total Project Cost - \$500,000 -- To create a program of projects that include planning and preliminary engineering, project scoping, development of budgetary estimates, and development of program delivery plan																					
S9. Public Lands Highways Discretionary Projects <span>Modern</span>	DES/CON	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	5,000	0	PUBLIC LANDS 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.																					
S10. Safe Routes to School (SR2S) Program <span>Safety</span>	Pln/Des	300	300	0				300	300	0	300	300	0	300	300	0	300	300	0		SAFE ROUTES TO SCHOOL
	Pn/Ds/Co							700	700	0	700	700	0	700	700	0	700	700	0		
Estimated Total Project Cost - \$3,000,000 -- 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.																					
S11. SNIPP - Statewide Noxious Invasive Pest Program <span>Enhance</span>	OPR				2,180	1,744	436				3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	STP FLEXIBLE	
Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																					

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S13.	Statewide Highway Lighting and Traffic Signal Upgrade 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	STP FLEXIBLE
Safety		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																				
S15.	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
SysPres		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	
	Kaunualii Hwy (Route 50)	CON	1,500	1,200	300															STP FLEXIBLE	
	Maluhia Road to Mana																				
	Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																				
S25.	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	STP FLEXIBLE
SysPres		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.																				
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
SysPres																					
	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 structural countermeasures for scour critical bridges through out the stat																				
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
	Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																				
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON										3,570	2,856	714							
	Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																				
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	50,684	18,353	32,331	47,881	15,581	32,300	45,057	13,322	31,735	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	96	96	0	99	99	0	102	102	0	105	105	0	FTA SECTION 5311 (b)(3)
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.																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	354	354	0	FTA SECTION 5311
Human																				
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	1,063	850	213										FTA SECTION 5310
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. JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	400	200	200										FTA SECTION 5316 (JARC)
Human																				
Estimated Total Project Cost - \$898,000 - Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	260	130	130										FTA SECTION 5317 (New Freedom)
Human																				
Estimated Total Project Cost - \$536,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S24. Statewide Planning	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
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		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	576	547	29	593	563	30	611	580	31	

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0		0		0		0		
NHS (National Highway System)			0			0			0			0		0		0		0		
BRIDGE OFF-SYSTEM			0			0			0			0		0		0		0		
BRIDGE ON/OFF SYSTEM			2,400			2,400			3,840			2,400		2,400		2,400		2,400		
STP ENHANCEMENT			0			0			0			0		0		0		0		
STP FLEXIBLE			2,330			3,452			830			6,953		6,551		4,292				
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0		0		0		
EQUITY BONUS			0			0			0			0		0		0		0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0		0		0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000		5,000		5,000		5,000		
NATIONAL RECREATIONAL TRAILS			0			0			0			0		0		0		0		
EARMARK - HIGH PRIORITY			0			0			0			0		0		0		0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0		0		0		
EARMARK - SECTION 112			0			0			0			0		0		0		0		
EARMARK - SECTION 115			0			0			0			0		0		0		0		
EARMARK - SECTION 117			0			0			0			0		0		0		0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0		0		0		0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			1,000		1,000		1,000		1,000		
HSIP- Highway Safety Improvement Program			400			400			630			3,000		630		630		630		
NRCS - National Resources Conservation Service			0			0			0			0		0		0		0		
			0			0			0			0		0		0		0		
H-3 DISCRETIONARY			0			0			0			0		0		0		0		
FTA TRANSFER FUNDS			0			0			0			0		0		0		0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0		0		0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0		0		0		
	SUBTOTAL		10,430			11,252			11,300			18,353		15,581		13,322				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)		(5,000)		(5,000)				
LESS FTA TRANSFER FUNDS			0			0			0			0		0		0				
			0			0			0			0		0		0				
REGULAR FORMULA AUTHORITY	TOTAL		5,430			6,252			6,300			13,353		10,581		8,322				

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OAHU : STATE - FHWA																					
OS87. Bridge and Pavement Improvement Program, Oahu	CON							29,600	0	29,600	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE	
SysPres Fort Weaver Road (Route 76), Pavement Preservation Popoi Place to Renton Road, MP 0.00 to 3.99	CON	5,000	4,000	1,000																	
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																	
Kahuapaani St (Route 7241) Resurfacing Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80	CON				8,250	6,600	1,650														
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15 Kapaa Quarry to Kalaheo	CON	8,500	6,800	1,700																	
Interstate Route H-1, Airpor Viaduct Improvements Valkenburg Street to Middle Street	CON				30,000	24,000	6,000														
Vineyard Blvd (Route 98) Resurfacing Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON				9,750	500	9,250			7,300	(7,300)										
Kamehameha Highway (Route 83) Resurfacing Waihau Street to Ka Uka Blvd	CON							20,000	16,000	4,000											
Kalaniana'ole Highway (Route 72) Resurfacing Hanauma Bay Road to West Hind Drive	CON							14,000	11,200	2,800											
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: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
OS1. Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																	STP FLEXIBLE
Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Pilina Way in Kaneohe.																					
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW										551	441	110							BRIDGE ON/OFF SYSTEM	
SysPres Ulehawa Stream Bridge																					
Estimated Total Project Cost - \$13,400,000 -- 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	5,000	8,500				BRIDGE ON/OFF SYSTEM	
SysPres Maipalaoa Bridge	ADVCON															0	5,800	(5,800)			
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82. Farrington Highway (Route 93), Bridge Replacement	ROW										1,080	864	216							BRIDGE ON/OFF SYSTEM	
SysPres Makaha Bridges #3 & #3A	CON										16,225	1,000	15,225								
	ADVCON													0	11,980	(11,980)					
Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																					
OS4. Farrington Highway (Route 93) Intersection Improvements	CON							3,120	1,000	2,120										STP FLEXIBLE	
Safety at Haleakala Avenue (Route 8743)	ADVCON										0	1,496	(1,496)							HSIP	
	CON							4,720	4,248	472											
	AVDCON																				
	CON							1,000	800	200										EARMARK - HIGH PRIORITY	
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																					
OS5. Farrington Highway (Route 93) Intersection Improvements	CON							5,720	5,148	572										HSIP	
Safety at Nanakuli Avenue (Route 8744)	ADVCON																				
	CON							3,120	1,000	2,120										STP FLEXIBLE	
	ADVCON										0	1,496	(1,496)								
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																					
OS6. Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196																HSIP	
Safety Vicinity of Leihoku Street to Kili Drive																					
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																					

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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)	
OS8. Freeway Management System, <span>Congest</span> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1 Part 2																					NHS
	CON	7,000	5,600	1,400																	
	CON											3,500	800	2,700							
	ADVCON														0	2,000	(2,000)				
<i>Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phases.</i>																					
OS9. Freeway Management System, <span>Congest</span> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 1 Part 2																					INTERSTATE MAINTENANCE
	DES				1,900	1,520	380														
	CON											5,000	1,000	4,000							
	ADVCON														0	3,000	(3,000)				
	CON													5,000	4,000	1,000					
<i>Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phases.</i>																					
OS10. Freeway Management System, <span>Congest</span> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES											1,940	1,552	388							INTERSTATE MAINTENANCE
	CON																	10,000	8,000	2,000	
<i>Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phases.</i>																					
OS11. Freeway Management System, <span>Congest</span> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A	DES														2,000	1,600	400				INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phases.</i>																					
OS12. Freeway Management System, <span>Congest</span> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES	4,000	3,200	800								2,500	2,250	250							NHS
<i>Estimated Total Project Cost - \$61,500,000 -- The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																					
OS13. Freeway Service Patrol <span>Congest</span>	CON	2,000	1,800	200	2,000	1,800	200	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350		NHS
<i>Estimated Total Project Cost - \$16,000,000 -- 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 &amp; other incidents, assisting sick or injured motorists with basic first aid, &amp; notifying 911 of incidents.</i>																					
OS14. Guardrail and Shoulder Improvements, Various Locations <span>Safety</span> Phase 1 - Various locations on Interstate Route H-1 Phase 2 Phase 3	CON											2,142	1,714	428							HSIP INTERSTATE MAINTENANCE
	DES														250	200	50				
	CON																	3,000	2,400	600	
	DES																	250	200	50	
<i>Estimated Total Project Cost - \$5,850,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																					
OS92. ITS Operation and Maintenance <span>Congest</span>	OPR											285	255	30	285	255	30	285	255	30	INTERTATE MAINTENANCE
<i>Estimated Total Project Cost - \$1,000,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																					
OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign <span>SysPres</span> Upgrade/Replacement, Phase I Phase II																					NHS
	CON				4,500	3,600	900														
	CON																	2,704	2,434	270	
<i>Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																					
OS16. Interstate Route H-1, Bridge Rehabilitation, <span>SysPres</span> Kapalama Canal (Halona Street Bridge)	DES	775	620	155																	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.</i>																					
OS88. Interstate Route H-1, Corridor Study <span>Modern</span>	PLN				2,500	2,000	500														NHS
<i>Estimated Total Project Cost - \$2,500,000 -- Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.</i>																					

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OS18. Interstate Route H-1, Eastbound Improvements, <b>Modern</b> Ward Avenue (Route 7511) On-Ramp to University Interchange	DES										920	828	92							INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.</i>																				
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, <b>Safety</b> Kapiolani Interchange to Ainakoa Avenue	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS20. Interstate Route H-1, Guardrail and Shoulder Improvements, <b>Safety</b> Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS21. Interstate Route H-1, Highway Lighting Improvements, <b>SysPres</b> Kaimakani OP to Gulick Avenue Phase 1	CON ADVCON										6,860	1,000	5,860							INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</i>																				
OS22. Interstate Route H-1, Kapolei Interchange Complex <b>Modern</b> Phase 2	CON CON ADVCON										4,800	4,300	500							INTERSTATE MAINT. DISCR
Phase 3	DES													560	448	112	0	11,160	(11,160)	NHS
	ROW													224	179	45				NHS
	DES													540	432	108				NHS
	ROW													216	172	44				NHS
<i>Estimated Total Project Cost - \$60,000,000 -- 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 Palalalai and Makakilo Interchanges.</i>																				
OS83. Interstate Route H-1, Installation of Access Control <b>SysPres</b> Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON	2,500	2,250	250																STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions</i>																				
OS23. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp <b>Congest</b>	DES/CON													5,850	5,265	585				INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.</i>																				
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct <b>SysPres</b> Improvements, Phase 2	CON																23,250	20,925	2,325	INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																				
OS25. Interstate Route H-1, PM Contraflow, Westbound <b>Modern</b> Waiawa IC Improvements (four WB through lanes), Phase I	CON																17,525	15,775	1,750	INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.</i>																				
OS90. Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of <b>SysPres</b> Ward Avenue	CON ADVCON							35,000	26,500	8,500										NHS
<i>Estimated Total Project Cost - \$36,000,000 -- cold plane &amp; resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new hwy lighting; and other misc work to accommodate the extra through lane</i>																				
OS93. Interstate Route H-1 Safety Improvement, <b>Safety</b> Beginning of H-1 (Palalalai IC) to Waiawa Overpass	DES										500	450	50							HSIP
<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS27. Interstate Route H-1, Waiawa Interchange, <b>Modern</b> Westbound, Waipahu Off-Ramp Improvements	DES																3,432	2,745	687	NHS
<i>Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																				
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of <b>Safety</b> Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES CON	150	135	15				1,600	1,440	160										HSIP
<i>Estimated Total Project Cost - \$1,750,000 -- Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS29. Interstate Route H-3, Seismic Retrofit, <b>SysPres</b> Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS84. Kalanianaʻole Highway (Route 72) Bicycle Improvements, <b>Enhance</b> Waimanalo Beach Park to Makai Pier	CON													250	200	50				EARMARK-HIGH PRIORITY
	CON													2,453	1,962	491				STP ENHANCEMENT
<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																				
OS33. Kalanianaʻole Highway (Route 72), Bridge Replacement <b>SysPres</b> Inaoale Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE
<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. Kalanianaʻole Highway (Route 72) Improvements, <b>Safety</b> Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	2,000	11,520							NHS
	ADVCON													0	8,816	(8,816)				
<i>Estimated Total Project Cost - \$41,630,000 -- 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.</i>																				
OS35. Kalanianaʻole Highway (Route 72) Improvements, <b>Safety</b> Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS
<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS37. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Laieloa Stream Bridge	ROW							189	152	37										BRIDGE ON/OFF SYSTEM
	CON													8,775	7,020	1,755				
<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS40. Kamehameha Highway (Route 83), Bridge Rehabilitation <b>SysPres</b> Makaua Stream Bridge	PREROW										102	81	21							BRIDGE ON/OFF SYSTEM
	ROW													275	220	55				
<i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS41. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
<i>Estimated Total Project Cost - \$10,000,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																				
OS43. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kaluanui Stream Bridge	PREROW										53	43	10							BRIDGE ON/OFF SYSTEM
	ROW													612	490	122				
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW										965	772	193							
<i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement <b>SysPres</b> Upper Poamoho Stream Bridge	PREROW										102	81	21							BRIDGE ON/OFF SYSTEM
	ROW													1,125	865	260				EARMARK-HIGH PRIORITY
	CON																17,300	13,840	3,460	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																				



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS50. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Waiahole Bridge  <i>Estimated Total Project Cost - \$11,500,000 - replace the existing bridge</i>	PREROW													108	85	23				BRIDGE ON/OFF SYSTEM
	ROW													540	432	108				
	CON																11,253	1,000	10,253	
	ADVCON																			
OS51. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Waikane Stream Bridge  <i>Estimated Total Project Cost - \$8,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW										265	212	53							
OS94. Kamehameha Highway (Route 80), Repair and Repaint <b>SysPres</b> Karsten Thot Bridge  <i>Estimated Total Project Cost - \$9,000,000 -- Repair deteriorated steel bridge framing and connections, repair concrete cracks and spalls in concrete deck slab and abutments, repaint steel bridge, and set up temporary traffic controls.</i>	CON										8,100	6,480	1,620							BRIDGE ON/OFF SYSTEM
OS56. Kamehameha Highway (Route 83), Rockfall Protection <b>Safety</b> at Waimea Bay, MP 5.4 to MP 5.52  <i>Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	PREROW				50	40	10													NHS
	ROW										460	368	92							
	CON																9,690	7,752	1,938	
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana <b>Safety</b> Valley Road to Kaaawa Bridge  <i>Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON										1,560	1,248	312							HSIP
OS60. Kamehameha Highway (Route 83), Safety Improvements <b>Safety</b> Vic. Of Pohuehue Road to Waikane Valley Road  <i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.</i>	DES	200	180	20																HSIP
	CON										1,000	900	100							
OS62. Kamehameha Highway (Route 83), Safety Improvements <b>Safety</b> Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road  <i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON										2,500	2,250	250							HSIP
OS63. Kamehameha Highway (Route 83), Shoreline Protection <b>Safety</b> Vicinity of Hauula (#14)  <i>Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
OS64. Kamehameha Highway (Route 83), Shoreline Protection <b>Safety</b> Vicinity of Kaaawa (#10)  <i>Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
OS65. Kamehameha Highway (Route 83) Shoreline Protection, <b>Safety</b> Vicinity of Punaluu (#9)  <i>Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>	CON													6,885	5,508	1,377				NHS
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, <b>Enhance</b> Vicinity of Ukoa Pond  <i>Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>	CON													6,240	4,992	1,248				NHS
OS91. Kualakai Parkway (Route 8930) Extension <b>Modern</b>  <i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>	CON													17,000	13,600	3,400				STP FLEXIBLE
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to <b>Enhance</b> Hawaiian Railway Society Train Station  <i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.</i>	CON										9,020	7,216	1,804							STP ENHANCEMENT

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<span>OS70.</span> <span>Enhance</span> Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualalei Naval Road	DES	2,500	2,000	500																STP ENHANCEMENT	
	PREROW										102	81	21								
	ROW													2,750	2,200	550					
	<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																				
<span>OS71.</span> <span>Safety</span> Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON													6,000	4,800	1,200				NHS	
	<i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
<span>OS72.</span> <span>SysPres</span> Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 ( Halawa Hts. Off-Ramp to Middle St. Overpass)	CON													6,000	4,800	1,200				NHS	
	<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
<span>OS73.</span> <span>SysPres</span> Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)	CON										2,340	1,872	468							NHS	
	<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
<span>OS74.</span> <span>SysPres</span> Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM	
	<i>Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
<span>OS75.</span> <span>SysPres</span> Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM	
	<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
<span>OS79.</span> <span>Enhance</span> Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)	
	<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
<span>OS81.</span> <span>Modern</span> Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center	DES							52	0	52										LOCAL LOCAL	
	CON							12,480	0	12,480											
	<i>Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.</i>																				
OAHU : STATE - FHWA TOTAL			44,344	36,266	8,078	59,509	40,507	19,002	134,720	78,433	56,287	172,751	67,207	105,544	164,932	138,234	26,698	160,163	112,695	47,468	

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OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70	140	70	70										FTA SECTION 5316 (JARC) Small Urban
Human Estimated Total Project Cost - \$455,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
OS86. New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60	232	116	116										FTA SECTION 5317 (New Freedom) Small Urban
Human Estimated Total Project Cost - \$496,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
OS95. Transportation Assistance for Elderly and Disabled	EQP							500	400	100	526	421	105	553	443	110	581	465	116	FTA SECTION 5310
Human	OPR							375	300	75	375	300	75	375	300	75	375	300	75	
Estimated Total Project Cost - \$3,661,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	1,247	886	361	901	721	180	928	743	185	956	765	191	

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CITY & COUNTY OF HONOLULU - FHWA																					
OC1. <span>Transit</span>	Alapai Transit Center Multi-Use Path	CON	210	0	210															STP FLEXIBLE	
Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																					
OC2. <span>Safety</span>	Alapai Transportation Management Center																				
	Architectural/Engineering Consultant	DES				1,000	0	1,000												LOCAL	
	Architectural/Engineering Consultant	DES	4,500	4,400	100															STP FLEXIBLE	
	Management Center Building	DES/CON							4,301	3,440	861	16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087	
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000												LOCAL	
	System Manager	DES							2,700	2,160	540	460	0	460	1	0	1	1	0	1	
		EQP													1	0	1	1,700	0	1,700	
Estimated Total Project Cost - \$83,097,000 -- The transportation management center will be a joint communication center to be built in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.																					
OC3. <span>Enhance</span>	Bicycle Projects	EQP							10	0	10				10	0	10				LOCAL
	Kalaheo Avenue	PLN	1	0	1										1	0	1	1	0	1	LOCAL
		ROW	1	0	1										1	0	1	1	0	1	LOCAL
		CON	2106	1556	550																STP FLEXIBLE
	King Street/ McCully Street	PLN										100	0	100							LOCAL
		DES													100	80	20				STP FLEXIBLE
	Kealaolu Ave Shoulder Improvements	DES				1	0	1													LOCAL
		CON				620	496	124													STP FLEXIBLE
		CON							190	0	190	250	200	50							STP FLEXIBLE
	Civic Center Bike Path Improvements	CON				325	260	65													STP FLEXIBLE
	Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex																				
	Hamakua Drive Bike Improvements	DES							100	80	20										STP FLEXIBLE
		CON													800	640	160				STP FLEXIBLE
	Diamond Head Rd/Monsarrat Ave/Makapuu Ave/18 <sup>th</sup> Ave Bike Improvements	ROW							1	0	1	1	0	1							LOCAL
		PLN							1	0	1										LOCAL
		DES	148	0	148																LOCAL
		CON							760	560	200										STP FLEXIBLE
	Pearl Harbor Bike Path	DES										500	400	100							STP FLEXIBLE
		CON																2000	1600	400	
Waialae Avenue Bike Lanes	DES							40	0	40										LOCAL	
	CON							80	0	80	320	0	320							LOCAL	
UH/Waikiki Area Improvements	DES										100	0	100							LOCAL	
	CON													300	0	300				LOCAL	
TBD	CON													280	160	120	250	200	50	STP FLEXIBLE	
Estimated Total Project Cost - \$8,565,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.																					
OC4. <span>SysPres</span>	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																					

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OC5. Computerized Traffic Control System <span>Congest</span> Phase 13: Mililani Mauka Area	EQP	1	0	1				1	0	1										LOCAL
	CON				3,307	2,527	780													STP FLEXIBLE
	Phase 14: Mililani Town - Part 1	CON															3,385	2,708	677	STP FLEXIBLE
	Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa																			
	Ph 15 - Mililani Town - Part 2	DES	250	200	50															
	Ph 16 - Wahiawa	DES				375	300	75												
	Phase 17: Makakilo Area	DES															420	336	84	STP FLEXIBLE
Phase 18: Nanakuli Area	DES																		STP FLEXIBLE	
Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.																				
OC6. Kapolei Parkway (Route 8920) <span>Congest</span> Urban Core 4: Kunehi Street to Kamaaha Ave	DES	1	0	1																LOCAL
	CON	5,200	0	5,200																STP FLEXIBLE
	Urban Core 5: Kamaaha Ave to Kamokila Blvd	CON	3,388	0	3,388															LOCAL
		CON	7,813	7,813	0															STP FLEXIBLE
	Urban Core 4A: Kamaaha Intersection	CON				773	0	773	2,200	0	2,200									LOCAL
		CON				3,164	3,164	0												STP FLEXIBLE
	Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																			
OC7. Makakilo Drive (Route 8810) Extension <span>Modern</span> Phase 1	CON													23,452	0	23,452				LOCAL
	Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway																			
OC8. Salt Lake Blvd (7311) Route Widening <span>Modern</span> Maluna Street to Ala Liliko'i Street	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko'i Street.																				
OC9. Seismic Bridge Retrofit <span>SysPres</span>	DES																600	480	120	BRIDGE OFF-SYSTEM
	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$2,100,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																				
OC25. Kuakini Street Extension <span>Congest</span>	PLN				10	0	10													LOCAL
	DES				10	0	10													LOCAL
	CON							2,825	2,237	588										STP FLEXIBLE
Estimated Total Project Cost - \$4,783,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.																				

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OC10. Traffic Improvements at Various Locations <b>Safety</b> Palolo Area  <i>Provide traffic engineering devices on Palolo Avenue, 9th Avenue, and 10th Avenue. This may include roundabouts, bulbouts, and intersection modifications.</i> Harding Ave. and 5th Ave. and 11th Ave.  <i>Widen the roads and improve the traffic signal system to allow for protected left turns at the Harding Avenue/5th Avenue intersection and the Harding Avenue/11th Avenue intersection.</i> Waiakamilo and Dillingham Intersection  <i>Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.</i>   Waikiki Area  <i>Conduct a study to evaluate traffic congestion and safety in the Waikiki area, near the Kalakaua Avenue/McCully Street intersection.</i>   Kalaheo Ave and Kailua Road  <i>Conduct a study to evaluate traffic congestion and safety for the intersection at Kalaheo Avenue and Kailua Road. A roundabout is being considered but actual improvements are to be determined as a result of the study.</i>   Village Park and Kupuna Loop  <i>Conduct a sub-area traffic safety and circulation study of existing roadway conditions along Kupuna Loop. The result of the study will determine actual improvements and locations.</i> TBD  <i>Estimated Total Project Cost - \$11,915,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.</i>	DES	300	0	300				200	0	200				990	0	990				LOCAL
	CON										2,409	1,927	482							STP FLEXIBLE
	CON							288	0	288	301	201	100							STP FLEXIBLE
	DES				1	0	1	300	0	300										
	CON							1,130	930	200	300	200	100							
	ROW													80	60	20				STP FLEXIBLE
	PLN							50	0	50										LOCAL
	DES										100	50	50							LOCAL
	CON													300	240	60				STP FLEXIBLE
	ROW										50	0	50	110	80	30				STP FLEXIBLE
	PLN										50	0	50	50	0	50				LOCAL
	DES										618	400	218							STP FLEXIBLE
	CON													1,750	1,400	350				STP FLEXIBLE
	ROW																200	160	40	STP FLEXIBLE
	DES													450	360	90				STP FLEXIBLE
	CON																2,815	2,250	565	STP FLEXIBLE
	DES																800	400	400	LOCAL
	CON										200	0	200	200	0	200	500	0	500	STP FLEXIBLE
	CON																			
OC30. Traffic Signal MaintenanceFacility <b>Congest</b>	DES							1	0	1	70	0	70							LOCAL
	ROW										10	0	10							
	EQP							1	0	1										
	CON							5,000	4,000	1,000										STP FLEXIBLE
	CON																			
OC26. Traffic Signal Optimization <b>Congest</b> Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu  Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo  <i>Estimated Total Project Cost - \$1,470,000 -- Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.</i>	DES				450	360	90													STP FLEXIBLE
	DES																			STP FLEXIBLE
	DES				1,020	816	204													
	DES																			
	DES																			
	DES																			
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OC11. <span>Congest</span> Phase 13 - University area, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St  <i>Install new traffic signals at University Ave/Coyne St, and at Harding Ave/4th Ave. Modify existing traffic signals at University Ave/Metcalf St (left turn phase), University Ave/Maile Way (left turn phase), Beretania St/Ward Ave (audio ped signal), Beretania/River St (upgrade), and Kapiolani Blvd/Date St (upgrade).</i>																					
	CON				3,270	2,625	645													STP FLEXIBLE	
	EQP	1	0	1																LOCAL	
	PLN	1	0	1				1	0	1										LOCAL	
	DES	350	280	70																STP FLEXIBLE	
	CON							4,408	3,782	626										STP FLEXIBLE	
	EQP							1	0	1										LOCAL	
	<i>Prepare designs for new traffic signals at Harding Ave/7th Ave and Waipahu St/Honowai St. Upgrade traffic signals at Waimano Home Rd/Kuala St, Pacific Hts Rd/Pauoa Rd, and Vineyard Blvd/Pua Ln. Prepare design for flashing school beacon on Alala Rd.</i>																				
Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihao St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	PLN				1	0	1													LOCAL	
	DES				430	380	50													STP FLEXIBLE	
	CON																			STP FLEXIBLE	
	EQP										3,000	2,349	651							LOCAL	
<i>Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihao St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal).</i>																					
Phase 16 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Neho St/Mott-Smith Dr	DES							350	280	70										STP FLEXIBLE	
	CON																			STP FLEXIBLE	
	EQP													3,251	2,600	651				LOCAL	
														1	0	1					
Phase 17	PLN										1	0	1	1	0	1				LOCAL	
	DES										450	360	90	364	291	73				STP FLEXIBLE	
	CON																4,000	3,349	651	STP FLEXIBLE	
	EQP																1	0	1	LOCAL	
Phase 18	PLN																1	0	1	LOCAL	
	DES																364	291	73	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$23,943,000 -- Install, modify &amp; upgrade traffic signals island wide, including ADA improvements, signs &amp; markings &amp; interties. The project provides for the safe &amp; orderly movements of pedestrians &amp; vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility &amp; coordination.</i>																					
OC12. <span>Safety</span> Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30																LOCAL	
	CON	480	360	120	150	0	150													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons.</i>																					
OAHU : C&C OF HONOLULU - FHWA TOTAL			39,056	15,329	23,727	19,807	11,648	8,159	25,939	18,269	7,670	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)		
CITY & COUNTY OF HONOLULU - FTA																					
OC13. Agency Provided Trips Human																					
	OPR										202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb	
	OPR	230	115	115	422	190	232	426	191	235	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb	
Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																					
OC14. Bus and Handi-Van Acquisition Program Transit																					
	EQP							22,168	13,000	9,168	16,207	9,006	7,201							FTA \$5307/\$5340	
	EQP				9,984	7,987	1,997													FTA \$5307/\$5340 (2011)	
	EQP							16,752	12,564	4,188										FTA \$5307/\$5340 (2012)	
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II	
	EQP	2,436	1,949	487	2,500	2,000	500	2,668	2,122	546	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	FTA \$5309 FGM	
	EQP							2,500	1,888	612										FTA \$5309 FGM (2008) (new fund cat)	
	EQP				14,040	12,000	2,040													FTA \$5309 SOGR	
	EQP													16,490	0	16,490	17,016	0	17,016	LOCAL	
	INSP	20	18	2	50	45	5													FTA \$5307/\$5340 TIGGER II	
	INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	127	0	127	LOCAL	
	Estimated Total Project Cost - \$138,131,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost																				
	FFY 2011: 8-45' buses																				
FFY 2012: 35<30' vehicles + 13-40' buses																					
FFY 2013: 55<30' vehicles + 112-40' buses																					
FFY 2014: 25<30' vehicles + 1-30' bus + 26-40' buses + 1>40' buses.																					
FFY 2015: 30<30' vehicles + 15-40' buses + 11-45' buses																					
FFY 2016: 30<30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses																					
OC27. Bus Stop ADA Access Improvements Transit																					
	PLN							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	DES							270	0	270	270	0	270	270	0	270	270	0	270	LOCAL	
	CON							625	368	257	325	0	325	325	0	325	325	0	325	FTA \$5307/\$5340	
	EQP							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	ROW							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	Estimated Project Cost - \$2,692,0000 - To modify bus stops in compliance to the Americans With Disabilities Act (ADA).																				
OC28. Bus Stop Pad Improvements Transit																					
	ROW													10	0	10	10	0	10	LOCAL	
	DES							150	0	150	100	0	100	82	0	82	82	0	82	LOCAL	
Estimated Project Cost - \$2,948,000 - To construct bus pads at various locations to improve bus stops located in poor roadway conditions.																					
OC29. Bus Stop Site Improvements Transit																					
	ROW							1	0	1										LOCAL	
	PLN							5	0	5	5	0	5	5	0	5	5	0	5	LOCAL	
	DES							200	0	200	90	0	90	90	0	90	90	0	90	LOCAL	
	CON							625	332	293	405	0	405	405	0	405	405	0	405	FTA \$5307/\$5340	
	EQP							1		1	5	0	5	1	0	1	1	0	1	LOCAL	
Estimated Project Cost - \$2,339,000 - To improve bus stops, shelters, benches and other improvements at various locations.																					
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)	HHCTCP													103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340	
	HHCTCP	80,900	30,000	50,900							888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2010)	
	HHCTCP							171,875	55,000	116,875										FTA \$5309 NS (2011)	
	HHCTCP							698,475	200,000	498,475										FTA \$5309 NS (2012)	
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013)	
Estimated Total Project Cost - \$5,163,495,000 -- 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 HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																					
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 \$3,372,675 (YOE\$000).																					
d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																					



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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)	
OC16. Local Shuttle Service																					
Human		EQP							65	52	13									FTA \$5316 JARC Urb	
		OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb
		Estimated Total Project Cost - \$991,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.																			
OC17. Middle Street Intermodal Center																					
Transit		PLN															1	0	1	LOCAL	
		DES	300	0	300										2,500	0	2,500	200	0	200	LOCAL
		CON													1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC
		EQP															1	0	1	LOCAL	
		Estimated Total Project Cost - \$34,134,000 -- 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.																			
OC18. Mobility Management																					
Human		OPR	496	397	99	318	254	64	318	254	64	274	219	55	289	231	58	245	196	49	FTA \$5316 JARC Urb
		OPR	100	80	20	54	43	11	54	43	11						62	49	13	FTA \$5317 NF-Urb	
		EQP										12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb
		Estimated Total Project Cost - \$2,249,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
OC19. Preventive Maintenance																					
Transit		OPR				43,080	21,000	22,080	36,015	21,000	15,015	46,595	26,000	20,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340
		OPR							7,864	4,200	3,664										FTA \$5307/\$5340 (2008) (decr fed \$)
		OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)
		Estimated Total Project Cost - \$277,994,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																			
OC24. Special Needs Transportation																					
Human		OPR	146	73	73																FTA \$5317 NF-Urb
		Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																			
OC21. Transit Safety and Security Projects																					
Transit		PLN	1	0	1	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	1	0	1	LOCAL
		CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
		EQP							413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
		EQP				455	365	90													FTA \$5307/\$5340 (2011)
		EQP							754	364	390										FTA \$5307/\$5340 (2012)
		Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility																					
Transit		PLN										1	0	1	1	0	1	1	0	1	LOCAL
		ROW										1,000	0	1,000	1	0	1	1	0	1	LOCAL
		DES										50	0	50	8,000	0	8,000	1	0	1	LOCAL
		CON													1	0	1	21,500	17,200	4,300	FTA \$5309 BC
		RELOC													1	0	1	1	0	1	LOCAL
		EQP										1,000	0	1,000	1						LOCAL
		Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			
OC23. Windward Transit Center																					
Transit		PLN										1	0	1	1	0	1				LOCAL
		ROW										1	0	1	1	0	1				LOCAL
		DES										200	0	200	200	0	200				LOCAL
		CON										3,000	0	3,000							LOCAL
		INSP										150	0	150	1	0	1				LOCAL
		EQP										1	0	1	1	0	1				LOCAL
		Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL			90,447	37,630	52,817	116,790	71,140	45,650	1,788,478	562,118	1,226,360	963,427	288,152	675,275	830,748	236,520	594,228	570,876	276,900	293,976	

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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 - OAHU																				
IM (Interstate Maintenance)			0			25,520			0			4,635			28,128			47,555		
NHS (National Highway System)			11,720			7,440			56,850			31,160			45,297			27,241		
BRIDGE OFF-SYSTEM			720			720			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			160			360			9,974			38,207			37,612		
STP ENHANCEMENT			2,000			0			0			7,297			4,162			0		
STP FLEXIBLE			30,859			18,028			26,769			15,385			53,008			37,014		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			0			800			0			1,065			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		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			0			10,836			6,562			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			4,300			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		51,595			52,155			96,702			81,600			170,954			150,989		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			(800)			(4,300)			(1,065)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		51,595			52,155			95,902			77,300			169,889			150,989		

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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)		
HAWAII : STATE - FHWA																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON													7,570	6,056	1,514				STP FLEXIBLE	
Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																					
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	DES										260	208	52							STP FLEXIBLE	
Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																					
HS42. Bridge and Pavement Improvement Program, Hawaii	CON				0	0	0	15,414	0	15,414	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE	
SysPres. Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch Hakalau Bridge Footing Repairs (RTE 19)  Kohala Mtn Road (Route 250) PPM Waiaka Jnc. Toward Hawi MP 2.54 to 6.44 Route 190 Resurfacing Makalei to Palani Jnc., MP 27.63 to 35.3 Volcano Road (Route11) PPM Inbound Lanes of Keauu Bypass to Panaewa Bridge Akoni Pule Hwy (Route 270) Pavement Preventative Maintenance Hawi Town to Kaapau Town - MP 21.22 to MP 23.47 Mamalahoa Hwy (Route 11) Pavement Preventative Maintenance Kaapuna to Kaohoe - MP 92.49 - MP 96.5 Volcano Road (Route11) Pavement Preventative Maintenance Keeau to Mountain View - MP 8.6 to MP 13.4 Mamalahoa Highway (RTE 11) Pavement Preventative Maintenance Hawaii Volcano National Park to Kapapala Ranch, MP 39.5 to MP 45.62	CON	5,000	4,000	1,000																	
	DES	400	320	80																	
	CON	3,200	2,560	640																	
	CON	5,100	4,080	1,020																	
	CON	3,600	2,880	720																	
	CON				2,125	1,700	425														
	CON				3,375	2,700	675														
	CON				6,000	4,800	1,200														
	CON							5,430	4,344	1,086											
	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) unding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
	The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available																				
	HS3. Crater Rim Road (NPS)	CON				7,500	7,500	0													FED. LANDS HWY
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																				
	HS4. Guardrail and Shoulder Improvements, Various Locations	DES													1,020	816	204				STP FLEXIBLE
Safety. Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.	CON																1,400	0	1,400		
	CON																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																					
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoeoe Stream Bridge	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM	
SysPres. Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.	PREROW				200	160	40							1,112	890	222					
	ROW																				
	CON																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	CON										4,411	529	3,882							BRIDGE ON/OFF SYSTEM	
Safety. Estimated Total Project Cost - \$4,400,000 -- 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.	ADVCON													0	3,000	(3,000)					
	CON																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	CON										1,671	1,336	335							NHS	
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON										1,456	1,165	291							NHS	
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)		
HS10. <span>Safety</span> Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaunaloa Bridge		CON	1,514	1,211	303																NHS	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaunaloa Bridge.</i>																						
HS11. <span>Safety</span> Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaha Bridge		CON																1,500	1,200	300	NHS	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealahaha Bridge.</i>																						
HS12. <span>Safety</span> Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge		DES				112	90	22													NHS	
		CON													1,660	1,328	332					
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																						
HS13. <span>Safety</span> Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)		CON													36,500	12,000	24,500				NHS	
		ADVCON																	0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																						
HS14. <span>Safety</span> Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch)		DES													650	520	130				NHS	
<i>Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.</i>																						
HS38. <span>Safety</span> Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Vic. of Laupahoehoe Gulch to Kaawali Gulch		CON				2,000	1,800	200													HSIP	
		CON				7,000	5,600	1,400													NHS	
<i>Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches</i>																						
HS16. <span>SysPres</span> Hilo Bayfront Highway (Route 19), Shoreline Protection		DES				1,000	800	200													STP FLEXIBLE	
		PREROW				115	92	23														
		CON													3,500	2,800	700					
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																						
HS18. <span>Modern</span> Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles)		DES													3,400	2,720	680				NHS	
		PREROW													104	83	21					
<i>Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.</i>																						
HS19. <span>SysPres</span> Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches		DES				1,144	915	229													BRIDGE ON/OFF SYSTEM	
		PREROW				50	40	10														
		ROW													2,120	1,696	424					
		CON																10,600	8,480	2,120		
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiakea Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																						
HS20. <span>Modern</span> Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa		DES				3,000	2,400	600													STP FLEXIBLE	
		PREROW											102	81	21							
		ROW																1,900	1,520	380		
<i>Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>																						
HS39. <span>Safety</span> Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road		CON							4,700	4,230	470										HSIP	
<i>Estimated Total Project Cost - \$2,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.</i>																						
HS22. <span>Safety</span> Keaau-Pahoa Road (Route 130), Intersection Improvements at Paradise Drive, Orchardland Drive, and Ainaloa Blvd		CON	2,500	2,250	250																HSIP	
<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																						
HS41. <span>Modern</span> Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 1: Keaau Bypass to Shower Drive		CON				21,500	17,200	4,300													STP FLEXIBLE	
		CON				1,820	1,456	364													HSIP	
		CON											1,600	1,280	320						STP FLEXIBLE	
		CON											500	450	50						HSIP	
<i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.</i>																						

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS24. Kealakehe Parkway Extension (Route 197), Modern Keanalehu Drive to Kealakaa Street	DES										790	632	158							STP FLEXIBLE	
	PREROW										50	40	10								
	ROW													1,080	864	216					
Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																					
HS25. Kuakini Highway (Route 11) Bicycle Improvements, Enhance King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104								STP FLEXIBLE
Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																					
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON															2,700	2,160	540	STP FLEXIBLE		
Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalanianaʻole Ave.																					
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES													810	648	162					BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																					
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON										6,000	4,800	1,200							STP FLEXIBLE	
Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																					
HS43. Mamalahoa Highway (RTE 190), Safety Improvements Safety MP 3.9 to MP 6.9	DES										250	225	25								HSIP
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.																					
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
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.																					
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1 Modern Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	PREROW													50	40	10					STP FLEXIBLE
Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS33. Puainako St (Rte 2000) Widening and Realignment, Modern Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940),	PREROW										51	40	11							STP FLEXIBLE	
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	ROW													5,200	4,160	1,040					
	ROW													1,000	800	200					
Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements Congest at Kawaihae Road (Route 19)	ROW							168	134	34											HSIP
	CON										1,190	1,071	119								
Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																					
HS36. Saddle Road Extension Modern	DES										9,000	2,000	7,000							STP FLEXIBLE	
	ADVCON													0	5,200	(5,200)					
Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																					
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern	CON				13,500	13,500	0													TIGER 3 FUNDS EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	ROW	4,000	4,000	0																	
	CON							50,000	50,000	0											
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON				20,000	20,000	0														
	CON							20,000	20,000	0											
	CON										20,000	20,000	0								
	CON													15,000	15,000	0					
	CON																				
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HAWAII : STATE - FHWA TOTAL			25,888	21,800	4,088	128,175	110,940	17,235	96,086	79,007	17,079	64,725	34,572	30,153	97,650	58,920	38,730	34,974	18,659	16,315	

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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. SysPres	Alii Drive (Route 186) Culvert Replacement	CON																10,000	1,024	8,976	STP FLEXIBLE
		ADVCON																			
Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																					
HC2. Enhance	Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	DES										1,200	960	240							STP ENHANCEMENT
		ROW													300	240	60				
Phase 2		DES										51	41	10							
Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																					
HC3. Modern	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1	DES																2,500	2,000	500	STP FLEXIBLE
		ROW																2,550	2,040	510	
Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.																					
HC5. SysPres	Bridge Inspection and Appraisal	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM
		Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																			
HC6. SysPres	Kaahakini Bridge Rehabilitation	CON													2,000	1,600	400				BRIDGE OFF-SYSTEM
		Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																			
HC7. SysPres	Kaiminani (Route 198) Drive Roadway Improvements Phase 1 - Mamalahoa Hwy (Rte 190) to Vicinity of Ahiahi Street	DES	10	8	2																STP FLEXIBLE
		CON	8,500	6,800	1,700																
	Phase 2 - Ahiahi Street to Kapuahi Street		CON							12,420	5,840	6,580									
	ADVCON											0	4,096	(4,096)							
Estimated Total Project Cost - \$23,000,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																					
HC8. SysPres	Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street	CON				14,600	5,000	9,600													STP FLEXIBLE
		ADVCON							6,680	(6,680)											
Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																					
HC9. Congest	Kawaiiani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2	CON										12,000	2,224	9,776							STP FLEXIBLE
		ADVCON													0	7,376	(7,376)				
Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiiani/Iwalani and Kawaiiani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																					
HC10. Modern	Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway	DES																1,500	1,200	300	STP FLEXIBLE
Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																					
HC17 Safety	Mamalaha Highway Safety Improvements (Holualoa)	DES							100	80	20										STP FLEXIBLE
		PREROW							50	40	10										
		ROW										160	128	32							
		CON													2,200	504	1,696				
		ADVCON																0	1,256	(1,256)	
Estimated Total Project Cost - \$2,500,000 -- Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements																					
HC11. Modern	Mamalaha Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	PLN				10	8	2													NHS
		DES										800	640	160							
		CON																8,000	6,400	1,600	
Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																					

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<span>HC15.</span> Manono Street (Route 2770) Roadway Improvements <span>SysPres</span> Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																STP FLEXIBLE	
	ROW				520	416	104														
	CON										4,500	1,600	2,900								
	ADVCON													0	2,000	(2,000)					
<i>Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins &amp; other related improvements</i>																					
<span>HC12.</span> Reed's Island Bridge Rehabilitation <span>SysPres</span>	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM	
<i>Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.</i>																					
<span>HC18.</span> Waianuenue Avenue (Route 2720) Improvements <span>Enhance</span> Rainbow Drive to Akolea Road	PLN							350	280	70										STP FLEXIBLE	
	DES																				
	ROW										50	40	10								
														250	200	50					
<i>Estimated Total Project Cost - \$8,100,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.</i>																					
<span>HC19.</span> Waikaaaluul Bridge Rehabilitation <span>SysPres</span>	DES										300	240	60							BRIDGE ON/OFF SYSTEM	
	CON																3,000	2,400	600		
<i>Estimated Total Project Cost - \$3,500,000 -- Reinforce existing concrete superstructure with new horizontal members to support HL-93 loading as well as install seismic retrofit measures to meet AASHTO standards.</i>																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			13,660	10,928	2,732	15,230	5,504	9,726	13,020	13,000	20	19,161	10,049	9,112	4,850	12,000	(7,150)	27,650	16,400	11,250	

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COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility	EQP/OPR	819	655	164				519	415	104	534	427	107	550	440	110	566	453	113	FTA SECTION 5339 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																				
HC14. Rural Transportation Program	EQP/OPR	844	675	169	1,160	600	560	1,069	855	214	1,069	855	214	1,101	881	220	1,134	907	227	FTA SECTION 5311
Transit																				
Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.																				
HC16. State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit																				
Estimated Total Project Cost - \$9,250,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
HC20. Transportation Assistance for Elderly and Disabled	EQP							250	200	50										FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$250,000 -- 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.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	1,603	1,282	321	1,651	1,321	330	1,700	1,360	340	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)				0			0			0			0			0			0	
NHS (National Highway System)				1,211			5,698			4,344			3,141			16,651			12,600	
BRIDGE OFF-SYSTEM				4,080			80			80			320			1,680			2,480	
BRIDGE ON/OFF SYSTEM				320			31,003			0			529			6,234			8,480	
STP ENHANCEMENT				0			0			0			1,001			240			0	
STP FLEXIBLE				24,568			35,108			12,920			17,585			30,016			11,200	
CMAQ (Congestion Mitigation Air Quality)				0			0			0			0			0			0	
EQUITY BONUS				0			0			0			0			0			0	
DEFENSE ACCESS ROAD FUNDS				0			0			0			0			0			0	
PUBLIC LANDS DISCRETIONARY				0			0			0			0			0			0	
NATIONAL RECREATIONAL TRAILS				299			299			299			299			299			299	
EARMARK - HIGH PRIORITY				0			20,000			70,000			20,000			15,000			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			7,500			0			0			0			0	
SECTION 1404 - (Safe Routes to School)				0			0			0			0			0			0	
HSIP- Highway Safety Improvement Program				2,250			3,256			4,364			1,746			0			0	
NRCS - National Resources Conservation Service				0			0			0			0			0			0	
TIGER 3				0			13,500			0			0			0			0	
H-3 DISCRETIONARY				0			0			0			0			0			0	
FTA TRANSFER FUNDS				0			0			0			0			0			0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)				0			0			0			0			0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD				0			0			0			0			0			0	
SUBTOTAL				32,728			116,444			92,007			44,621			70,120			35,059	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS				0			(41,000)			(70,000)			(20,000)			(15,000)			0	
LESS FTA TRANSFER FUNDS				0			0			0			0			0			0	
				0			0			0			0			0			0	
REGULAR FORMULA AUTHORITY		TOTAL		32,728			75,444			22,007			24,621			55,120			35,059	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)					
MAUI : STATE - FHWA																					
MS36. <div>SysPres</div> Bridge and Pavement Improvement Program, Maui	CON							19,400	0	19,400	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE	
	CON	2,200	1,760	440																	
	CON	1,300	1,040	260																	
	CON	3,400	2,720	680																	
	CON	3,360	2,688	672																	
	CON	2,500	2,000	500																	
	CON	3,200	2,560	640																	
	CON	2,500	2,000	500																	
	CON				2,650	320	2,330														
	ADVCON							0	1,800	(1,800)											
	CON							3,500	2,800	700											
	CON							2,000	1,600	400											
	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 <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">STIP website</a> at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available																				
MS1. <div>Safety</div> Guardrail and Shoulder Improvement Program at Various Locations, Maui																			STP FLEXIBLE		
	CON										1,430	1,144	286								
	CON													1,000	800	200					
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																					
MS2. <div>Enhance</div> Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																STP ENHANCEMENT	
Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																					
MS37. <div>SysPres</div> Hana Highway Historic Bridge Preseravation Plan	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																					
MS3. <div>Enhance</div> Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass	CON										1,500	1,200	300							STP ENHANCEMENT	
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																					
MS4. <div>Modern</div> Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW										119	95	24							NHS	
	CON																6,760	5,408	1,352		
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5. <div>SysPres</div> Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW										825	660	165							BRIDGE ON/OFF SYSTEM	
	CON																5,400	4,320	1,080		
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay																					
MS7. <div>Modern</div> Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES													2,040	1,632	408				NHS	
Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.																					
MS30. <div>Safety</div> Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	CON							910	819	91										HSIP	
Estimated Total Project Cost - \$250,000 -- Install flashing beacon on Honoapiilani Hwy as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.																					

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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)	
MS38. Honoapiilani Highway (Route 30), Safety Improvements <span>Safety</span> Ukumehame to Olowalu	DES										200	180	20							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>																				
MS8. Honoapiilani Highway (Route 30) Safety Improvements, <span>Safety</span> Vicinity of Kapoli Street to Papalaua Beach Park	CON										3,110	2,799	311							HSIP
<i>Estimated Total Project Cost - \$3,300,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.</i>																				
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, <span>SysPres</span> Vicinity of Olowalu	CON										3,180	2,544	636							NHS
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																				
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, <span>Modern</span> Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES	500	400	100																NHS
	PREROW							50	40	10										
<i>Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.</i>																				
MS11. Kahului Airport Access Road (Route 3800) <span>Modern</span>	CON				37,950	2,700	35,250													NHS
	ADVCON							0	27,660	(27,660)										
<i>Estimated Total Project Cost - \$40,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.</i>																				
MS12. Kahului Beach Road (Route 3400), Shoreline Protection <span>SysPres</span> Kahului Bay (#1)	CON													1,975	1,580	395				STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.</i>																				
MS14. National Recreational Trails Program - Maui (DLNR) <span>Enhance</span>	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS15. North Kihei Road (Route 310), Shoreline Protection, <span>SysPres</span> Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.</i>																				
MS16. Paia Bypass Road (Paia Alternative Route, <span>Modern</span> Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES										3,310	2,648	662							STP FLEXIBLE
	PREROW										100	80	20							
<i>Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.</i>																				
MS35. Piilani Highway, Traffic Operational Improvements <span>Modern</span> at Ohukai Road	CON							1,515	1,212	303										NHS
<i>Estimated Total Project Cost - \$2,000,000 -- Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai; relocating and rearranging the traffic signals.</i>																				
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) <span>Modern</span> to Kuihelani Highway (Route 380)	PREROW										33	25	8							STP FLEXIBLE
	ROW										150	120	30							STP FLEXIBLE
	CON													6,300	5,040	1,260				STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																				
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation <span>SysPres</span> Iao Stream Bridge	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.</i>																				
<b>MOLOKAI</b>																				
MS20. Guardrail and Shoulder Improvements Program <span>Safety</span> at Various Locations, Molokai																				STP FLEXIBLE
Part 1	CON	750	600	150																
Part 2	CON										765	612	153							
Part 3	CON													750	600	150				
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS22. Kamehameha V Highway (Route 450), Bridge Replacement <span>SysPres</span> Makakupaia Stream Bridge	CON													4,293	3,435	858				BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$5,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																				
<b>MAUI : STATE - FHWA TOTAL</b>		<b>20,471</b>	<b>16,377</b>	<b>4,094</b>	<b>47,809</b>	<b>8,787</b>	<b>39,022</b>	<b>29,324</b>	<b>37,490</b>	<b>(8,166)</b>	<b>35,671</b>	<b>12,466</b>	<b>23,205</b>	<b>43,007</b>	<b>18,006</b>	<b>25,001</b>	<b>33,109</b>	<b>10,087</b>	<b>23,022</b>	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FTA																					
MS24. Lahaina Small Boat Harbor and Ferry Pier Transit	PLN					375	300	75												FTA SECTION 5309	
	DES					1,438	1,150	288	1,375	1,100	275	1,375	1,100	275							
	CON					10,438	8,350	2,088	8,006	6,405	1,601	10,869	8,695	2,174							
	Estimated Total Project Cost - \$33,876,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.																				
MS25. Improvements at Maalaea Small Boat Harbor, Ferry System Improvements Transit	CON		500	400	100				3,750	3,000	750									FTA SECTION 5309	
	Estimated Total Project Cost - \$4,250,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.																				
	MOLOKAI																				
MS27. Kaunakakai Harbor Ferry System Improvements Transit	CON		500	400	100				3,750	3,000	750									FTA SECTION 5309	
	Estimated Total Project Cost - \$4,250,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.																				
	LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier Transit	DES		1,000	800	200															FTA SECTION 5309	
	CON					5,625	4,500	1,125	1,875	1,500	375										
	Estimated Total Project Cost - \$8,500,000 -- New ferry pier, loading dock and related improvements.																				
	MAUI : STATE - FTA TOTAL																				
			2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	12,244	9,795	2,449	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1 SysPres Phase 1 - Makawao Ave to Haliimaile Road Phase 2 - Haliimaile Road to Hana Hwy.																				STP FLEXIBLE
	CON																			
	DES							200	0	200			2,244	1,632	612					
	CON																	4,800	3,600	
Estimated Total Project Cost - \$8,000,000 - Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles																				
MC41. Bridge and Pavement Improvement Program, Maui (County) SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau																				IM / NHS / STP FLEXIBLE
	CON	3,000	2,400	600																
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
MC3. Bridge Inspection and Appraisal SysPres	PLN								300	240	60				300	240	60			BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, SysPres Haleakala Highway to Baldwin Avenue	CON		2,100	1,680	420															STP FLEXIBLE HSIP-HRRR
	CON		500	450	50															
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC42. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				2,100	1,680	420													STP FLEXIBLE HSIP-HRRR
	CON				400	360	40													
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5. Hansen Road (Route 3600) Pavement Reconstruction, SysPres Hana Highway to Puunene Avenue	DES				500	0	500													LOCAL LOCAL STP FLEXIBLE
	ROW				200	0	200													
	CON										3,666	2,600	1,066							
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				
MC6. Hina Avenue (Route 3930) Pavement Reconstruction, SysPres Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9)	DES				700	0	700													LOCAL STP FLEXIBLE
	CON				4,500	3,600	900													
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC43. Kahananui Bridge Replacement SysPres (Lower Honoapiilani Road - RTE 3080)	DES				200	0	200													LOCAL BRIDGE OFF-SYSTEM
	CON										3,470	2,470	1,000							
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				
MC7. Kahawaikapia Bridge Replacement (Hana Highway - Route 360) SysPres	CON													4,437	3,060	1,377			BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. Kahekili Highway (Route 3405) Resurfacing, SysPres North Market Street to Waiehu Beach Road	CON	4,000	3,200	800																STP FLEXIBLE
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38. Kaholopoo Bridge Replacement (Route 360) SysPres	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10. Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street Congest	DES				250	0	250													LOCAL STP FLEXIBLE
	CON							675	540	135										
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)		
MC13. <span>SysPres</span>	Koukouai Bridge Modifications (Hana Highway - Route 360)		DES				100	0	100										6,120	4,488	1,632	LOCAL BRIDGE OFF-SYSTEM
			CON																			
	<i>Estimated Total Project Cost - \$6,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																					
MC14. <span>SysPres</span>	Kulanihakai Bridge Replacement (South Kihei Road - Route 3100)		DES	500	0	500															LOCAL LOCAL BRIDGE OFF-SYSTEM	
			ROW	200	0	200																
			CON									3,550	2,840	710								
<i>Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																						
MC39. <span>SysPres</span>	Lahaina Watershed Flood Control Project, Phase 2		CON	3,968	3,968	0															EARMARK (Section 117) NRCS	
			CON	2,032	2,032	0																
	Phase 3A		DES				80	80	0												EARMARK (Section 117) EARMARK (Section 117)	
			CON							2,600	2,200	400										
	<i>Estimated Total Project Cost - \$8,600,000 -- PH 2 - Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean. PH-3A continuation of improvements for another 1000' from the end of phase 2 to Kauaula Stream.</i>																					
MC15. <span>SysPres</span>	Lelekea Bridge Replacement (Hana Highway - Route 360)		DES				500	0	500										3,994	3,195	799	LOCAL BRIDGE OFF-SYSTEM
			CON																			
	<i>Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																					
MC52 <span>SysPres</span>	Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2		DES							40	32	8									STP FLEXIBLE	
	Laau Street to Makalii Street		CON										867	694	173							
	<i>Estimated Total Project Cost - \$925,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.</i>																					
MC18. <span>SysPres</span>	Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road		ROW				1,000	0	1,000												LOCAL STP FLEXIBLE	
			CON												5,900	4,500	1,400					
	<i>Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.</i>																					
MC21. <span>SysPres</span>	Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School		CON	2,000	1,600	400															STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.</i>																					
MC22. <span>SysPres</span>	Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School		ROW	1,000	0	1,000															LOCAL STP FLEXIBLE	
			CON										1,250	1,000	250							
	<i>Estimated Total Project Cost - \$2,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.</i>																					
MC25. <span>Congest</span>	Mill Street (Route 3840) Traffic Signal at Imi Kala Street		DES							200	0	200									LOCAL LOCAL STP FLEXIBLE	
			ROW										500	0	500							
			CON																730	584		146
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																						
MC53 <span>SysPres</span>	Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf. Aeloa Rd - Makawao Ave. & Old Haleakala Hwy. to Haleakala Bypass		CON										2,200	1,600	600						STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. total length = 1.7 miles.</i>																					
MC44. <span>SysPres</span>	Papa Avenue (RTE 3910) Pavement Reconstruction, Puunene Avenue to Kaahumanu Avenue		DES							250	0	250									STP FLEXIBLE	
			CON							8,700	6,320	2,380										
	<i>Estimated Total Project Cost - \$9,000,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.</i>																					
MC27. <span>Congest</span>	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)		DES				200	0	200												LOCAL STP FLEXIBLE	
			CON												860	688	172					
	<i>Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																					
MC28. <span>SysPres</span>	Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street		DES	200	0	200															LOCAL STP FLEXIBLE	
			CON	500	400	100																
	<i>Estimated Total Project Cost - \$700,000 -- Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.</i>																					

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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)	
MC45. <span>SysPres</span> South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE	
	CON							3,600	2,600	1,000											
	<i>Estimated Total Project Cost - \$3,750,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.</i>																				
MC46. <span>Congest</span> South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue	DES				90	8	82							872	698	174				STP FLEXIBLE	
	CON																				
	<i>Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.</i>																				
MC31. <span>Congest</span> Waiale Road (Route 3180) Traffic Signals at Waiinu Road	DES				150	0	150													LOCAL STP FLEXIBLE	
	CON													810	648	162					
	<i>Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																				
MC32. <span>SysPres</span> Waiko Road Improvements, Kuihelani Highway to Waiale Road	DES				500	0	500													LOCAL STP FLEXIBLE	
	CON													3,786	2,600	1,186					
	<i>Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.</i>																				
MC33. <span>SysPres</span> Waiohonu Bridge Replacement (Hana Highway - Route 360)	DES	50	0	50																LOCAL BRIDGE OFF-SYSTEM	
	CON	4,100	2,800	1,300																	
	<i>Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC34. <span>Enhance</span> Waipuilani Bikepath	DES	300	0	300																STP ENHANCEMENT	
	CON																1,730	1,384	346		
	<i>Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.</i>																				
MC54. <span>SysPres</span> Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr. (Rte 3137) Pavmnt Rehab. Okolani Dr. to Wailea Ike Dr. & Piilani Hwy to Wailea Alanui Dr.	CON										2,244	1,632	612							STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$4,340,000 -- Rehabilitation pavement on Wailea Alanui Drive and Wailea Ike Drive from Okolani Drive to Wailea Ike Drive and Piilani Highway to Wailea Alanui Drive. Includes pavement striping and marking, signage and safety improvements. Approx 1.4 miles.</i>																				
MC51. <span>SysPres</span> Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	CON							3,125	2,500	625										STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$3,500,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.</i>																				
MC47. <span>SysPres</span> Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue	DES				100	0	100													STP FLEXIBLE	
	CON				3,000	2,400	600														
	<i>Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.</i>																				
MC35. <span>Congest</span> Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	DES				110	8	102													STP FLEXIBLE	
	CON													749	599	150					
	<i>Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			28,650	21,890	6,760	14,830	8,136	6,694	19,690	14,432	5,258	19,991	14,468	5,523	17,714	13,033	4,681	17,374	13,251	4,123	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																					
MC36. Bus and Bus Facility	Transit	EQP/OPR	819	655	164				519	415	104	534	427	107	550	440	110	566	453	113	FTA SECTION 5339 (Rural Bus Prgm)
			Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																		
MC37. Rural Transportation Program	Transit	OPR	844	675	169	1,510	600	910	1,038	830	208	1,069	855	214	1,101	881	220	1,134	907	227	FTA SECTION 5311
			Estimated Total Project Cost - \$6,696,000 -- Operate public transit system.																		
MC40. Bus and Bus Facility	Transit	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
			CON	375	300	75															
			Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.																		
MC48. Veterans Transportation and Community Living Initiative	Transit	EQP/OPR				297	236	61													FTA SECTION 5309
			Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																		
MC49. State of Good Repair	Transit	EQP/OPR				2,225	1,780	445	1,250	1,000	250										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
			Estimated Total Project Cost - \$3,475,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																		
MC55. Urbanized Area	Transit	EQP/OPR							1,275	1,020	255	1,313	1,050	263	1,353	1,082	271	1,394	1,115	279	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
			Estimated Total Project Cost - \$5,335,000 -- Capital purchases, operating costs & planning																		
MC56. Livability	Transit	CON							1,000	800	200										FTA SECTION 5309 Bus & Bus Facilities Discretionary - Livability
			Estimated Total Project Cost - \$1,000,000 -- Construct Bus Stops at various locations. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are to be utilized in support of the program goal. The goal of the program is to invest in projects that increase transportation options, provide access to jobs and affordable housing, encourage economic development, and improve accessibility to transportation for the public.																		
			The program funds capital expenses for projects ranging from intermodal facilities, to sustainability oriented buses, to bicycle infrastructure and more.																		
MC57. Transportation Assistance for Elderly and Disabled	Human	EQP							250	200	50										FTA SECTION 5310
			Estimated Total Project Cost - \$250,000 -- 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.																		
MAUI : COUNTY OF MAUI - FTA TOTAL			3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	2,916	2,332	584	3,004	2,403	601	3,094	2,475	619	



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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																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			400			2,700			31,712			2,639			1,632			5,408		
BRIDGE OFF-SYSTEM			6,160			0			240			5,310			3,300			7,683		
BRIDGE ON/OFF SYSTEM			0			5,408			1,200			660			3,435			4,320		
STP ENHANCEMENT			250			0			0			1,200			0			1,384		
STP FLEXIBLE			24,648			8,016			15,392			13,787			22,313			4,184		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
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			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			450			360			819			2,979			0			0		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			38,267			16,923			51,922			26,934			31,039			23,338		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			(80)			(2,200)			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	32,267			16,843			49,722			26,934			31,039			23,338		

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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)				
KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	11,300	0	11,300	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																
Ahukini Road to Kuhio Hwy																				
Kaumualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kipu Rd to Huleia Bridge																				
Waimea Canyon Drive/ Kokee Road (RTE 550) Resurfacing								3,500	2,800	700										
MP 6.0 to MP 8.5																				
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: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
Safety Part 1	DES	100	80	20																
	CON							625	500	125										
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS26. Kapaa Roundabout Beautification	CON				22	17	5													STP ENHANCEMENT
Enhance																				
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road	DES				1,007	806	201													BRIDGE ON/OFF SYSTEM
SysPres Improvements and Nawiliwili Bridge Replacement	PREROW							110	88	22										
	ROW										787	630	157							
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. Kaumualii Highway (Route 50), Bridge Rehabilitation	DES										530	424	106							BRIDGE ON/OFF SYSTEM
SysPres Bridge No. 7E	ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																				
KS27. Kaumualii Highway (Route 50), Bridge Rehabilitation	DES										1,040	832	208							BRIDGE ON/OFF SYSTEM
SysPres Hanapepe Bridge																				
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																				
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW										106	84	22							BRIDGE ON/OFF SYSTEM
SysPres Omao Bridge	CON													7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																				
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON																18,400	7,000	11,400	STP FLEXIBLE
Modern Phase IB	ADVCON																			
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS11. Kuhio Highway (Route 56), Bridge Replacement	ROW										775	620	155							BRIDGE ON/OFF SYSTEM
SysPres Kapaia Bridge	CON													10,500	8,400	2,100				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
KS13. <span>SysPres</span> Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	DES					1,969	1,575	394													BRIDGE ON/OFF SYSTEM
	PREROW					112	90	22													
	ROW											573	458	115							
	CON														8,500	1,000	7,500				
	ADVCON																	0	5,800	(5,800)	
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																					
KS16. <span>Modern</span> Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	DES											2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035)
	DES											5,000	4,000	1,000							EARMARK-HIGH PRIORITY (HI007)
	PREROW																				NHS
<i>Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.</i>																					
KS17. <span>Safety</span> Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON								1,250	1,000	250										HSIP - HRRR
<i>Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arklings and signing.</i>																					
KS20. <span>Safety</span> Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES											1,060	848	212							BRIDGE-ON SYSTEM
	ROW														520	416	104				
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																					
KS22. <span>Safety</span> Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92	CON		1,082	866	216																STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.</i>																					
KS23. <span>Enhance</span> National Recreational Trails Program - Kauai (DLNR)	CON		314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>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.</i>																					
KS28. <span>SysPres</span> Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	1,000	9,000														STP FLEXIBLE
	ADVCON									7,000	(7,000)										
<i>Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.</i>																					
KAUAI : STATE - FHWA TOTAL			10,196	8,157	2,039	20,424	3,739	16,685	17,199	11,719	5,480	25,185	10,547	14,638	39,349	16,079	23,270	31,714	13,851	17,863	

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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)				
COUNTY OF KAUAI - FHWA																				
KC1. Enhance	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES						1,080	1,080	0										STP ENHANCEMENT
		CON									7,280	7,280	0							
	Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																			
KC2. SysPres	Bridge Inspection and Appraisal	PLN/DES	125	100	25				125	100	25									BRIDGE OFF-SYSTEM
KC3. SysPres	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement	DES	75	60	15															BRIDGE OFF-SYSTEM
		CON				800	640	160												
Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																				
KC4. Safety	Hardy Street (Route 572) Improvements	DES/CON				7,000	3,150	3,850												STP FLEXIBLE
		ADVCON							2,450	(2,450)										
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St. - 0.7 mi.																				
KC5. SysPres	Kamalu Bridge (Route 581) Erosion Protection Repairs	DES			20	16	4													BRIDGE OFF-SYSTEM
		CON			312	250	62													
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																				
KC6. SysPres	Kamalu Road (Route 581) Bridge Replacement	PLN																		BRIDGE OFF-SYSTEM
		DES												400	320	80				
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																				
KC7. SysPres	Kapahi Bridge Replacement	CON													5,600	4,480	1,120			BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																				
KC20. Safety	Koloa Road Safety Guardrail and Safety Improvements	DES	150	135	15															HRRR (High Risk Rural Road)
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																				
KC8. Enhance	Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES									300	300	0							STP ENHANCEMENT
	Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.																			
KC9. Enhance	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																			STP ENHANCEMENT
	Phase B	CON	6,700	6,700	0															
	Phase C & D	PLN				21	21	0												
		DES				104	104	0												
		ROW									270	270	0							
		CON									1,590	1,590	0							
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboys continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																				
KC18. Modern	Maluhia Road (Route 520) Improvements	DES												1,200	960	240				STP FLEXIBLE
		ROW																		
		CON																		
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunuaalii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																				

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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)		
KC10.	Nawiiliwili to Ahukini Bike/Pedestrian Path																				STP ENHANCEMENT	
Enhance	(Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																					
	Phase A	DES							810	810	0											
		ROW							208	208	0											
	Phase B	DES							1,000	1,000	0											
Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																						
KC11.	Northerly Leg of the Western Bypass Road	DES	2,000	1,600	400																STP FLEXIBLE	
Modern	(Ala Kalanikaumaka (Route 522))																					
Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																						
KC13.	Puhi Road (Route 5010) Ultra-Thin Whitetopping (UTW)	CON							1,217	973	244										STP FLEXIBLE	
SysPres																						
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 mile to the Kaneka St. - Puhi Road intersection.																						
KC14.	Puuopae Bridge Replacement	CON										5,000	4,000	1,000							BRIDGE OFF-SYSTEM	
SysPres																						
Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																						
KC15.	Resurfacing of Hanapepe Rd (Rte 545),	DES	160	128	32																STP FLEXIBLE	
SysPres	Including Road Pavement Repairs as Necessary																					
Estimated Total Project Cost - \$1,200,000 -- 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.																						
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			9,210	8,723	487	8,257	4,181	4,076	4,440	6,621	(2,181)	14,440	13,440	1,000	7,200	5,760	1,440	0	0	0		

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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																					
KC16. Bus and Bus Facility	Transit	EQP/OPR	819	655	164				519	415	104	534	427	107	550	440	110	566	453	113	FTA SECTION 5339 (Rural Bus Prgm)
KC17. Rural Transportation Program	Transit	OPR	717	574	143	1,125	600	525	882	705	177	909	727	182	936	749	187	964	771	193	FTA SECTION 5311
		EQP	127	101	26	130	104	26	156	125	31	160	128	32	165	132	33	170	136	34	
KC21. State of Good Repair	Transit	EQP/OPR				2,376	1,900	476	1,550	1,240	310										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
KC22. Transportation Assistance for Elderly and Disabled	Human	EQP							250	200	50										FTA SECTION 5310
KAUAI : COUNTY OF KAUAI - FTA TOTAL			1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	1,603	1,282	321	1,651	1,321	330	1,700	1,360	340	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			5,200			0			0			0			0			0		
BRIDGE OFF-SYSTEM			160			906			100			4,000			4,800			0		
BRIDGE ON/OFF SYSTEM			0			2,471			88			3,896			15,748			5,800		
STP ENHANCEMENT			6,700			142			3,098			9,440			0			0		
STP FLEXIBLE			4,434			4,150			13,803			800			1,040			7,800		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			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		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			0			1,000			0			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			16,880			7,920			18,340			23,987			21,839			13,851		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	16,880			7,920			18,340			18,387			21,839			13,851		

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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)	
<b>FTA SUMMARY</b>																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	576	547	29	593	563	30	611	580	31	
OAHU, STATE		319	255	64	260	130	130	1,247	886	361	901	721	180	928	743	185	956	765	191	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	1,788,478	562,118	1,226,360	963,427	288,152	675,275	830,748	236,520	594,228	570,876	276,900	293,976	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	1,603	1,282	321	1,651	1,321	330	1,700	1,360	340	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	12,244	9,795	2,449	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	2,916	2,332	584	3,004	2,403	601	3,094	2,475	619	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	1,603	1,282	321	1,651	1,321	330	1,700	1,360	340	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	1,821,040	587,940	1,233,100	983,270	304,111	679,159	838,575	242,871	595,704	578,937	283,440	295,497	



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **REVISION #15 (Administrative Modification)**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: August 29, 2013

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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)	
<b><u>FHWA SUMMARY</u></b>																				
STATEWIDE		41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	50,684	18,353	32,331	47,881	15,581	32,300	45,057	13,322	31,735	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	134,720	78,433	56,287	172,751	67,207	105,544	164,932	138,234	26,698	160,163	112,695	47,468	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	25,939	18,269	7,670	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952	
ISLAND OF OAHU		83,400	51,595	31,805	79,316	52,155	27,161	160,659	96,702	63,957	223,192	81,600	141,592	243,397	170,954	72,443	223,409	150,989	72,420	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	96,086	79,007	17,079	64,725	34,572	30,153	97,650	58,920	38,730	34,974	18,659	16,315	
County of Hawaii		13,660	10,928	2,732	15,230	5,504	9,726	13,020	13,000	20	19,161	10,049	9,112	4,850	12,000	(7,150)	27,650	16,400	11,250	
ISLAND OF HAWAII		39,548	32,728	6,820	143,405	116,444	26,961	109,106	92,007	17,099	83,886	44,621	39,265	102,500	70,920	31,580	62,624	35,059	27,565	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	35,671	12,466	23,205	43,007	18,006	25,001	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,690	14,432	5,258	19,991	14,468	5,523	17,714	13,033	4,681	17,374	13,251	4,123	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	49,014	51,922	(2,908)	55,662	26,934	28,728	60,721	31,039	29,682	50,483	23,338	27,145	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,199	11,719	5,480	25,185	10,547	14,638	39,349	16,079	23,270	31,714	13,851	17,863	
County of Kauai		9,210	8,723	487	8,257	4,181	4,076	4,440	6,621	(2,181)	14,440	13,440	1,000	7,200	5,760	1,440	0	0	0	
ISLAND OF KAUAI		19,406	16,880	2,526	28,681	7,920	20,761	21,639	18,340	3,299	39,625	23,987	15,638	46,549	21,839	24,710	31,714	13,851	17,863	
FHWA TOTAL		233,180	149,900	83,280	356,829	204,694	152,135	382,948	270,271	112,677	453,049	195,495	257,554	501,048	310,333	190,715	413,287	236,559	176,728	

## FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)

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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																				
IM (Interstate Maintenance)			0			25,520			0			4,635			28,128			47,555		
NHS (National Highway System)			18,531			15,838			92,906			36,940			63,580			45,249		
BRIDGE OFF-SYSTEM			11,120			1,706			1,220			11,630			10,580			11,443		
BRIDGE ON/OFF SYSTEM			6,650			41,442			5,488			17,459			66,024			58,612		
STP ENHANCEMENT			8,950			142			3,098			18,938			4,402			1,384		
STP FLEXIBLE			86,839			68,754			69,714			54,510			112,928			64,490		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
EARMARK - HIGH PRIORITY			0			20,000			70,800			25,600			16,865			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			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			1,000			1,000			1,000		
HSIP- Highway Safety Improvement Program			5,314			4,016			17,649			14,287			630			630		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			4,300			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			149,900			204,694			270,271			195,495			310,333			236,559		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(11,000)			(46,080)			(78,000)			(34,900)			(21,865)			(5,000)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	138,900			158,614			192,271			160,595			288,468			231,559		