

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : REVISION #13 (Administrative Modification)
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: April 17, 2013

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

PROJECT	PHASE	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. Enhance Bikeway Improvements at Various Locations, Statewide	DES										300	240	60				300	240	60	STP FLEXIBLE
	ROW										50	40	10				50	40	10	
	CON															2,000	1,600	400		
<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. SysPres Bridge Inspection and Appraisal	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
<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3. Human Construction Career Days Workforce Development Program	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program</i>																				
S27. Enhance Hawaii Scenic Byways Statewide Signage	DES/CON				78	78	0													NATIONAL SCENIC BYWAYS
<i>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.</i>																				
S4. SysPres Highway Research and Development Program	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program</i>																				
S5. Safety Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	500	400	100	500	400	100	700	630	70	700	630	70	700	630	70	700	630	70	HSIP
<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																				
S6. SysPres Highway Shoreline Protection, Statewide	DES																500	400	100	STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S7. SysPres Hawaii Statewide ITS Architectural Plan	PLN				1,000	800	200													STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).</i>																				
S8. Enhance Pedestrian Facilities and ADA Compliance at Various Locations	DES							200	160	40							200	160	40	STP FLEXIBLE
	CON													2,000	1,600	400				
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																				
S9. Modern Public Lands Highways Discretionary Projects	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
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				
S10. Safety Safe Routes to School (SR2S) Program	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	
<i>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.</i>																				
S11. Enhance SNIPP - Statewide Noxious Invasive Pest Program	OPR				2,180	1,744	436	3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	3,409	2,727	682	STP FLEXIBLE
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																				

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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
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals</i>																				
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
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
Kaunualii Hwy (Route 50) Maluhia Road to Mana	CON	1,500	1,200	300																STP FLEXIBLE
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
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
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S26. Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.</i>																				
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
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				
S17. Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
	CON										3,570	2,856	714							
<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																				
STATEWIDE - FHWA TOTAL		41,705	10,430	31,275	42,788	11,252	31,536	45,760	13,884	31,876	47,801	15,517	32,284	48,007	15,682	32,325	45,189	13,427	31,762	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP) Human	PLN	100	100	0	103	103	0	107	107	0	111	111	0	115	115	0	119	119	0	FTA SECTION 5311 (b)(3)
<i>Estimated Total Project Cost - \$655,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S20. State Administration Human	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	354	354	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S21. Transportation Assistance for Elderly and Disabled Human	EQP	888	710	178	916	732	184	943	754	189	1,435	1,145	290	1,475	1,190	295	1,565	1,250	315	FTA SECTION 5310
<i>Estimated Total Project Cost - \$7,222,000 -- Transportation for Elderly and Persons with Disabilities (Section 5310). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles.</i>																				
S22. JARC (non-urban) Human	EQP/OPR	188	150	38	310	155	155	400	200	200										FTA SECTION 5316 (JARC)
<i>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.</i>																				
S23. New Freedom (non-urban) Human	EQP/OPR	104	83	21	172	86	86	260	130	130										FTA SECTION 5317 (New Freedom)
<i>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.</i>																				
S24. Statewide Planning Transit	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
<i>Estimated Total Project Cost - \$847,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		1,716	1,453	263	2,066	1,591	475	2,173	1,626	547	2,023	1,704	319	2,081	1,766	325	2,190	1,844	346	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			0		0		0		0		0		0		0		0		0	
BRIDGE OFF-SYSTEM			0		0		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		2,400		2,400	
STP ENHANCEMENT			0		0		0		0		0		0		0		0		0	
STP FLEXIBLE			2,330		3,452		3,414		6,487		6,652		6,652		4,397					
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0		0		0		0	
PUBLIC LANDS DISCRETIONARY			5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000	
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD - Federal Lands Highway Discretionary			0		0		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		1,000		1,000	
HSIP- Highway Safety Improvement Program			400		400		630		630		630		630		630		630		630	
NRCS - National Resources Conservation Service			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		0		0		0		0	
H-3 DISCRETIONARY			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		10,430		11,252		13,884		15,517		15,682		15,682		13,427					
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)		(5,000)		(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		0		0		0				0	
REGULAR FORMULA AUTHORITY	TOTAL		5,430		6,252		8,884		10,517		10,682		10,682		8,427				8,427	

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OAHU : STATE - FHWA																				
OS87. Bridge and Pavement Improvement Program, Oahu	CON							36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE
SysPres Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																
Popoi Place to Renton Road, MP 0.00 to 3.99																				
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																
Kahuapaani St (Route 7241) Resurfacing	CON				8,250	6,600	1,650													
Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																				
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																
Kapaa Quarry to Kalaheo																				
Interstate Route H-1, Airpor Viaduct Improvements	CON				30,000	24,000	6,000													
Valkenburg Street to Middle Street																				
Vineyard Blvd (Route 98) Resurfacing	CON				9,750	500	9,250													
Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON									7,300	(7,300)									
<i>Estimated Total Project Cost - \$189,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																				
<i>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).</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
OS1. Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE
<i>Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW										551	441	110							BRIDGE ON/OFF SYSTEM
SysPres Ulehawa Stream Bridge																				
<i>Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON													13,500	5,000	8,500				BRIDGE ON/OFF SYSTEM
SysPres Maipalaoa Bridge	ADVCON																0	5,800	(5,800)	
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
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)				
<i>Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																				
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	2,000	2,720										
	AVDCON										0	2,248	(2,248)							EARMARK - HIGH PRIORITY
	CON							1,000	800	200										
<i>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.</i>																				
OS5. Farrington Highway (Route 93) Intersection Improvements	CON							5,720	1,000	4,720										HSIP
Safety at Nanakuli Avenue (Route 8744)	ADVCON										0	4,148	(4,148)							STP FLEXIBLE
	CON							3,120	1,000	2,120										
	ADVCON										0	1,496	(1,496)							
<i>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.</i>																				
OS6. Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196																HSIP
Safety Vicinity of Leihoku Street to Kili Drive																				
<i>Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.</i>																				

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OS8. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1	CON	7,000	5,600	1,400																NHS
	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, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 1	DES				1,900	1,520	380													INTERSTATE MAINTENANCE
	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, Congest 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, Congest 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, Congest 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 Congest	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 & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																				
OS14. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Various locations on Interstate Route H-1	CON									2,142	1,714	428								HSIP
	DES												250	200	50					INTERSTATE MAINTENANCE
	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>																				
OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign SysPres Upgrade/Replacement, Phase I	CON				4,500	3,600	900													NHS
	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, SysPres 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 Modern	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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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)	
OS18. Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange <i>Modern</i>	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, Kapiolani Interchange to Ainakoa Avenue <i>Safety</i>	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, Middle Street (Route 7415) to Punchbowl Street (Route 7516) <i>Safety</i>	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, Kaimakani OP to Gulick Avenue Phase 1 <i>SysPres</i>	CON									6,860	1,000	5,860							INTERSTATE MAINTENANCE	
	ADVCON												0	4,488	(4,488)					
<i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</i>																				
OS22. Interstate Route H-1, Kapolei Interchange Complex Phase 2 <i>Modern</i>	CON							4,800	4,300	500									INTERSTATE MAINT. DISCR	
	CON							26,700	5,000	21,700									NHS	
	ADVCON										0	19,030	(19,030)						NHS	
Phase 3	DES												560	448	112				NHS	
	ROW												224	179	45				NHS	
Phase 4	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 Makakilo Interchange to Vicinity of H-1/H-2 Interchange <i>SysPres</i>	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 <i>Congest</i>	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 Lunallo 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 Improvements, Phase 2 <i>SysPres</i>	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 Waiawa IC Improvements (four WB through lanes), Phase I <i>Modern</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 Waikole.</i>																				
OS90. Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue <i>SysPres</i>	CON							35,000	16,500	18,500									NHS	
	ADVCON										0	15,000	(15,000)							
<i>Estimated Total Project Cost - \$27,500,000 -- cold plane & 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>																				
OS27. Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements <i>Modern</i>	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 Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI <i>Safety</i>	DES	150	135	15																HSIP
	CON							1,600	1,440	160										
<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>																				
OS29. Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2 and 3 <i>SysPres</i>	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>																				

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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)	
OS84. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Enhance 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 Kalaniana'ole Highway, from Huli Street to Makai Pier.</i>																				
OS33. Kalaniana'ole Highway (Route 72), Bridge Replacement SysPres Inoaole 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. Kalaniana'ole Highway (Route 72) Improvements, Safety 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 Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS35. Kalaniana'ole Highway (Route 72) Improvements, Safety 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 Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS37. Kamehameha Highway (Route 83), Bridge Replacement SysPres 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 SysPres Laieola 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 SysPres 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 SysPres 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 SysPres 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 SysPres 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 SysPres South Kahana Stream Bridge	PREROW				100	80	20					965	772	193						BRIDGE ON/OFF SYSTEM
	ROW																			
<i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres 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 SysPres Waihole 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																			
	ADVCON																	11,253	1,000	
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres 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							260	208	52										
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety 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	
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety 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							1,528	1,375	153										HSIP
	DES	200	180	20																
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety 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>	CON										1,000	900	100							HSIP
	CON																			
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road <i>Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON							1,702	1,533	169										HSIP
	CON																			
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety 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
	DES																			
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety 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
	DES																			
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety 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
	CON																			
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance 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
	CON																			
OS91. Kualakai Parkway (Route 8930) Extension Modern <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
	CON																			
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance 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							8,840	7,072	1,768										STP ENHANCEMENT
	CON																			
OS70. Leeward Bikeway, Phase II, Hawaiian Railway Society Train Enhance Station to Luualalei Naval Road <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>	DES	2,500	2,000	500																STP ENHANCEMENT
	PREROW							100	80	20										
	ROW													2,750	2,200	550				
OS71. Moanalua Freeway (Route 78) and Interstate Route H-2 Safety Guardrail and Shoulder Improvements <i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>	CON													6,000	4,800	1,200				NHS
	CON																			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OS72. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres 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>																				
OS73. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres 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>																				
OS74. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres 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>																				
OS75. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres 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>																				
OS89. Nimitz Highway (Rte 92) and Honolulu Harbor Congest Pier 19 Intersection Improvements	DES							550	476	74										FERRY BOAT DISCRETIONARY
<i>Estimated Total Project Cost - \$700,000 -- Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19.</i>																				
OS79. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS81. Vineyard Blvd (Route 98) Improvements, Vicinity of Modem Queen's Medical Center	DES							52	0	52										LOCAL
	CON							12,480	0	12,480										LOCAL
<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	152,000	54,881	97,119	100,419	65,141	35,278	164,647	127,979	36,668	159,878	101,280	58,598	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OAHU : STATE - FTA																				
OS85. JARC (Small Urban) Human	EQP/OPR	175	140	35	140	70	70	140	70	70										FTA SECTION 5316 (JARC) Small Urban
<i>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.</i>																				
OS86 New Freedom (Small Urban) Human	EQP/OPR	144	115	29	120	60	60	232	116	116										FTA SECTION 5317 (New Freedom) Small Urban
<i>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.</i>																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	372	186	186	0	0	0	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transit Center Multi-Use Path Transit	CON	210	0	210																STP FLEXIBLE
<i>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.</i>																				
OC2. Alapai Transportation Management Center Safety	DES				1,000	0	1,000													LOCAL
Architectural/Engineering Consultant	DES	4,500	4,400	100																STP FLEXIBLE
Architectural/Engineering Consultant	CON								16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087			LOCAL
Management Center Building	CON	13,375	0	13,375	4,000	0	4,000													STP FLEXIBLE
Parking Structure	DES							6,541	5,600	941	460	0	460	1	0	1	1	0	1	STP FLEXIBLE
System Manager	EQP												1	0	1	1,700	0	1,700		LOCAL
<i>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.</i>																				
OC3. Bicycle Projects Enhance	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 <i>Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex</i>	CON				325	260	65													STP FLEXIBLE
Hamakua Drive Bike Improvements	DES							100	80	20				800	640	160				STP FLEXIBLE
	CON																			STP FLEXIBLE
Diamond Head Rd/Monsarrat Ave/Makapuu Ave/18 th 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
<i>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.</i>																				
OC4. Bridge Inspection and Appraisal SysPres	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
<i>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.</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)	
OC5. Computerized Traffic Control System Congest Phase 13: Mililani Mauka Area Phase 14: Mililani Town - Part 1 Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa Ph 15 - Mililani Town - Part 2 Ph 16 - Wahiawa Phase 17: Makakilo Area Phase 18: Nanakuli Area <i>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.</i>	EOP	1	0	1				1	0	1									LOCAL	
	CON				3,307	2,527	780												STP FLEXIBLE	
	CON															3,385	2,708	677	STP FLEXIBLE	
	DES	250	200	50																
	DES				375	300	75													
	DES																420	336	84	STP FLEXIBLE
	DES																			STP FLEXIBLE
	DES																			STP FLEXIBLE
OC6. Kapolei Parkway (Route 8920) Congest Urban Core 4: Kunehi Street to Kamaaha Ave Urban Core 5: Kamaaha Ave to Kamokila Blvd Urban Core 4A: Kamaaha Intersection <i>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.</i>	DES	1	0	1															LOCAL	
	CON	5,200	0	5,200															STP FLEXIBLE	
	CON	3,388	0	3,388															LOCAL	
	CON	7,813	7,813	0															STP FLEXIBLE	
	CON				773	0	773	2,200	0	2,200									LOCAL	
	CON				3,164	3,164	0												STP FLEXIBLE	
OC7. Makakilo Drive (Route 8810) Extension Modern Phase 1 <i>Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway</i>	CON												23,452	0	23,452				LOCAL	
	CON																		STP FLEXIBLE	
OC8. Salt Lake Blvd (7311) Route Widening Modern Maluna Street to Ala Liliiko Street <i>Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliiko Street.</i>	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
	CON																			
OC9. Seismic Bridge Retrofit SysPres <i>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.</i>	DES															600	480	120	BRIDGE OFF-SYSTEM	
	CON									1,500	1,200	300							BRIDGE OFF-SYSTEM	
OC25. Kuakini Street Extension Congest <i>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.</i>	PLN				10	0	10												LOCAL	
	DES				10	0	10												LOCAL	
	CON							2,825	2,237	588									STP FLEXIBLE	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OC10. Traffic Improvements at Various Locations Safety Palolo Waiakamilo and Dillingham Intersection/Harding Ave and 5th and 11th Aves. <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 Kalaheo Ave and Kailua Road Village Park and Kupuna Loop 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										LOCAL	
	CON										2,409	1,927	482	990	0	990				STP FLEXIBLE	
	DES				1	0	1	300	0	300											LOCAL
	CON							1,418	930	488	601	401	200								STP FLEXIBLE
	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										200	0	200	200	0	200	800	0	800		LOCAL	
CON																500	400	100		STP FLEXIBLE	
OC30. Traffic Signal Maintenance Facility Congest	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	
<i>Estimated Total Project Cost - \$5,082,000 -- Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.</i>																					
OC26. Traffic Signal Optimization Congest Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90													STP FLEXIBLE	
Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liiha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo	DES				1,020	816	204													STP FLEXIBLE	
<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>																					

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OC11. Traffic Signals at Various Locations																				
Congest Phase 13 - University area, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St	CON				3,270	2,625	645												STP FLEXIBLE	
	EQP	1	0	1															LOCAL	
<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>																				
Phase 14 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	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/Kawaihau 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										3,000	2,349	651						STP FLEXIBLE	
	EQP										1	0	1						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/Kawaihau 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, Noho St/Mott-Smith Dr	DES							350	280	70									STP FLEXIBLE	
	CON												3,251	2,600	651				STP FLEXIBLE	
	EQP												1	0	1				LOCAL	
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	
	EQP																1	0	1	
Phase 18	PLN																1	0	1	
	DES																364	291	73	
<i>Estimated Total Project Cost - \$23,943,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordination.</i>																				
OC12. Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30															LOCAL	
Safety	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 pedestrian 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	25,479	18,269	7,210	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952	

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CITY & COUNTY OF HONOLULU - FTA																				
OC13. Agency Provided Trips																				
Human	OPR																			
	OPR	230	115	115	422	190	232	426	191	235	408	204	204	428	214	214	316	158	158	FTA \$5316 JARC Urb
																	354	177	177	FTA \$5317 NF Urb
<i>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.</i>																				
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) (incr fed funds in FY13 ; add FY14 funds)
	EQP							16,752	12,564	4,188										FTA \$5307/\$5340 (2012)
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II
	EQP				14,040	12,000	2,040													FTA \$5309 SOGR
	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										0	0	0	16,490	0	16,490	17,016	0	17,016	LOCAL (delete local funds in FY14)
	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
<i>Estimated Total Project Cost - \$135,631,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.</i>																				
<i>FFY 2011: 8-45' buses</i>																				
<i>FFY 2012: 35<30' vehicles + 13-40' buses</i>																				
<i>FFY 2013: 55<30' vehicles + 112-40' buses</i>																				
<i>FFY 2014: 25<30' vehicles + 1-30' bus + 26-40' buses + 1>40' buses.</i>																				
<i>FFY 2015: 30<30' vehicles + 15-40' buses + 11-45' buses</i>																				
<i>FFY 2016: 30<30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses</i>																				
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
<i>Estimated Project Cost - \$2,692,000 - To modify bus stops in compliance to the Americans With Disabilities Act (ADA).</i>																				
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
	CON							825	306	519	825	0	825	432	0	432	432	0	432	FTA \$5307/\$5340
<i>Estimated Project Cost - \$2,948,000 - To construct bus pads at various locations to improve bus stops located in poor roadway conditions.</i>																				
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
<i>Estimated Project Cost - \$2,339,000 - To improve bus stops, shelters, benches and other improvements at various locations.</i>																				
OC15. Honolulu High Capacity Transit Corridor Project (HHCTCP)																				
Transit	HHCTCP	80,900	30,000	50,900				0	0	0	888,801	250,000	638,801	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340 (delete funds in FY13 & FY14)
	HHCTCP							171,875	55,000	116,875										FTA \$5309 NS (2010)
	HHCTCP							698,475	200,000	498,475										FTA \$5309 NS (2011)
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2012)
	HHCTCP																			FTA \$5309 NS (2013)
<i>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.</i>																				
<i>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</i>																				
<i>b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.</i>																				
<i>c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOE\$000).</i>																				
<i>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.</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)		
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	
	<i>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.</i>																				
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		
<i>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.</i>																					
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	
	<i>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.</i>																				
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 (added fed funds in FY13 & FY14)	
	OPR							8,788	5,124	3,664										FTA \$5307/\$5340 (2008) (added fed funds in FY13)	
	OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)	
	<i>Estimated Total Project Cost - \$278,918,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																				
OC24. Special Needs Transportation Human	OPR	146	73	73																FTA \$5317 NF-Urb	
	<i>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.</i>																				
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																			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)
<i>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.</i>																					
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								LOCAL
<i>Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.</i>																					
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
<i>Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.</i>																					
OAHU : C&C OF HONOLULU - FTA TOTAL		90,447	37,630	52,817	116,790	71,140	45,650	1,786,902	561,154	1,225,748	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)																
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0		25,520		0		4,380		27,873		47,300							
NHS (National Highway System)			11,720		7,440		24,650		45,190		35,297		16,081							
BRIDGE OFF-SYSTEM			720		720		800		2,000		800		1,280							
BRIDGE ON/OFF SYSTEM			3,930		160		568		3,282		38,207		37,612							
STP ENHANCEMENT			2,000		0		7,152		0		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		7,348		9,010		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		4,300		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		476		0		0		0							
	SUBTOTAL		51,595		52,155		73,150		79,534		160,699		139,574							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		(5,576)		0		(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		67,574		79,534		159,634		139,574							

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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 <i>Modern</i>	CON												7,570	6,056	1,514					STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																				
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road <i>Enhance</i>	DES												260	208	52					STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.</i>																				
HS42. Bridge and Pavement Improvement Program, Hawaii <i>SysPres</i>	CON				0	0	0	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																
Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																
Kohala Mtn Road (Route 250) PPM Waiaka Jnc. Toward Hawi MP 2.54 to 6.44	CON	3,200	2,560	640																
Route 190 Resurfacing Makalei to Palani Jnc., MP 27.63 to 35.3	CON	5,100	4,080	1,020																
Volcano Road (Route11) PPM Inbound Lanes of Keaau Bypass to Panaewa Bridge	CON	3,600	2,880	720																
Akoni Pule Hwy (Route 270) Pavement Preventative Maintenance Hawi Town to Kaapau Town - MP 21.22 to MP 23.47	CON				2,125	1,700	425													
Mamalahoa Hwy (Route 11) Pavement Preventative Maintenance Kaapuna to Kaohi - MP 92.49 - MP 96.5	CON				3,375	2,700	675													
Volcano Road (Route11) Pavement Preventative Maintenance Keaau to Mountain View - MP 8.6 to MP 13.4	CON				6,000	4,800	1,200													
<i>Estimated Total Project Cost - \$92,800,000 -- 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 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: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
HS3. Crater Rim Road (NPS) <i>SysPres</i>	CON				7,500	7,500	0													FED. LANDS HWY
<i>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.</i>																				
HS4. Guardrail and Shoulder Improvements, Various Locations <i>Safety</i>	DES												1,020	816	204					STP FLEXIBLE
	CON															1,400	0	1,400		
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge <i>SysPres</i>	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.</i>																				
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoe Stream Bridge <i>SysPres</i>	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													
	ROW												1,112	890	222					
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge <i>Safety</i>	CON												4,411	529	3,882					BRIDGE ON/OFF SYSTEM
	ADVCON															0	3,000	(3,000)		
<i>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.</i>																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge <i>Safety</i>	CON												1,638	1,310	328					NHS
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																				
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <i>Safety</i>	CON												1,456	1,165	291					NHS
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</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)	
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaunaloa Bridge Safety	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. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaha Bridge Safety	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. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge Safety	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. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch) Safety	CON																		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. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch) Safety	DES							624	499	125									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. Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Safety	CON				2,000	1,800	200												HSP	
	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. Hilo Bayfront Highway (Route 19), Shoreline Protection SysPres	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. Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles) Modern	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. Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches SysPres	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. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Modern	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. Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road Safety	CON							4,700	4,230	470									HSP	
<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. Keaau-Pahoa Road (Route 130), Intersection Improvements at Paradise Drive, Orchardland Drive, and Ainaloa Blvd Safety	CON	2,500	2,250	250															HSP	
<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																				
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Modern	CON				21,500	17,200	4,300												STP FLEXIBLE	
	CON				1,820	1,456	364												HSP	
	CON												1,600	1,280	320				STP FLEXIBLE	
	CON												500	450	50				HSP	
<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					
<i>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.</i>																					
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	
	<i>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.</i>																				
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON																2,700	2,160	540	STP FLEXIBLE	
<i>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 Kalaniana'ole Ave.</i>																					
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES													810	648	162				BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.</i>																					
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON										6,000	4,800	1,200							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																					
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)	
<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																					
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	
	<i>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.</i>																				
	HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Modern Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	PREROW										50	40	10							STP FLEXIBLE
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	ROW													5,200	4,160	1,040				EARMARK - HIGH PRIORITY (HI025)	
	ROW													1,000	800	200					
	<i>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.</i>																				
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					
<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																					
HS36. Saddle Road Extension Modern	DES										9,000	2,000	7,000							STP FLEXIBLE	
	ADVCON													0	5,200	(5,200)					
<i>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.</i>																					
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern	CON				13,500	13,500	0													TIGER 3 FUNDS	
Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11	ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	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				15,000	15,000	0		
	CON																				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HAWAII : STATE - FHWA TOTAL		25,888	21,800	4,088	128,175	110,940	17,235	94,054	76,512	17,542	62,753	32,971	29,782	97,000	58,400	38,600	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. Alii Drive (Route 186) Culvert Replacement SysPres	CON																			STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.</i>																				
HC2. Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1 Enhance	DES																			STP ENHANCEMENT
	ROW																			
	DES																			
	ROW																			
<i>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.</i>																				
HC3. Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1 Modern	DES																			STP FLEXIBLE
	ROW																			
	CON																			
<i>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.</i>																				
HC5. Bridge Inspection and Appraisal SysPres	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM
	CON																			
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HC6. Kaahakini Bridge Rehabilitation SysPres	CON																			BRIDGE OFF-SYSTEM
	ADVCON																			
<i>Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.</i>																				
HC7. Kaiminani (Route 198) Drive Roadway Improvements Phase 1 - Mamalahoa Hwy (Rte 190) to Vicinity of Ahiahi Street SysPres	DES	10	8	2																STP FLEXIBLE
	CON	8,500	6,800	1,700																
	CON																			
	ADVCON																			
<i>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.</i>																				
HC8. Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street SysPres	CON				14,600	5,000	9,600													STP FLEXIBLE
	ADVCON							6,680	(6,680)											
<i>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.</i>																				
HC9. Kawaiiani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2 Congest	CON																			STP FLEXIBLE
	ADVCON																			
<i>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.</i>																				
HC10. Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway Modern	DES																			STP FLEXIBLE
	CON																			
<i>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.</i>																				
HC17. Mamalahoa Highway Safety Improvements (Holuaoa) Safety	DES																			STP FLEXIBLE
	ROW																			
	CON																			
	ADVCON																			
<i>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.</i>																				
HC11. Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital) Modern	PLN				10	8	2													NHS
	DES				10	8	2													
	CON																			
<i>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.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
HC15. Manono Street (Route 2770) Roadway Improvements SysPres Lanikaula Steet to Kekuaaoa 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 Kekuaaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements</i>																					
HC12. Reed's Island Bridge Rehabilitation SysPres	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>																					
HC18. Waianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	PLN							300	240	60											STP FLEXIBLE
	DES												50	40	10						
	ROW															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>																					
HC19. Waikaaalulu Bridge Rehabilitation SysPres	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	15,240	5,512	9,728	12,920	12,920	0	20,401	11,041	9,360	4,850	12,000	(7,150)	19,650	10,000	9,650		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility Transit	EQP/OPR	819	655	164				521	417	104	537	430	107	554	443	111	570	457	113	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. Rural Transportation Program Transit	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
<i>Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.</i>																				
HC16. State of Good Repair Transit	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
	EQP/OPR				2,750	2,200	550													
<i>Estimated Total Project Cost - \$7,750,000 -- 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.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	1,590	1,272	318	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			1,211		5,706		1,809		2,765		16,131		6,200							
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		12,880		17,577		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		1,521		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		116,452		89,432		44,012		69,600		28,659							
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		75,452		19,432		24,012		54,600		28,659							

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MAUI : STATE - FHWA																				
MS36. Bridge and Pavement Improvement Program, Maui <i>SysPres</i>	CON							20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
Haleakala Highway (Route 37) PPM (1.5 in overlay) Kula Hwy to Haleakala Crater Road Jnc.	CON	2,200	1,760	440																
Haleakala Crater Road (Route 378) MP 0.0 to 2.0	CON	1,300	1,040	260																
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																
Kula Hwy (Route 37) Resurfacing Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND Honoapiilani Hwy (Route 30) Resurfacing, Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67	CON	3,200	2,560	640																
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	CON ADVCON							2,650	320	2,330										
<i>Estimated Total Project Cost - \$112,460,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																				
<i>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)</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
MS1. Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1 Part 2 <i>Safety</i>	CON CON							1,400	1,120	280				1,000	800	200				STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas <i>Enhance</i>	CON	312	250	62																STP ENHANCEMENT
<i>Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.</i>																				
MS37. Hana Highway Historic Bridge Preservation Plan <i>SysPres</i>	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM
<i>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.</i>																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass <i>Enhance</i>	CON										1,500	1,200	300							STP ENHANCEMENT
<i>Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road <i>Modern</i>	ROW CON										119	95	24							NHS
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge <i>SysPres</i>	ROW CON										825	660	165							BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay</i>																				
MS7. Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus <i>Modern</i>	DES													2,040	1,632	408				NHS
<i>Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.</i>																				
MS30. Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street <i>Safety</i>	CON							910	819	91										HSIP
<i>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.</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)	
MS8. Honoapiilani Highway (Route 30) Safety Improvements, Safety 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, SysPres Vicinity of Olowalu	CON							3,120	2,496	624										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, Modern Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES PREROW	500	400	100				50	40	10										NHS
<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) Modern	CON ADVCON				37,950	2,700	35,250	0	17,660	(17,660)		10,000	(10,000)							NHS
<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>																				
MS32. Kahului Beach Road (Route 3400), Lighting Improvements Safety at Kanaloa Avenue (Route 3420)	CON										575	517	58							HSIP
<i>Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.</i>																				
MS12. Kahului Beach Road (Route 3400), Shoreline Protection SysPres 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) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres 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, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES PREROW							3,245	2,596	649		100	80	20						STP FLEXIBLE
<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 Modern 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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MS33. Puunene Avenue (Route 3500) Safety Improvements, Safety Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	CON												585	526	59				HSIP	
<i>Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.</i>																				
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) Modern 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 SysPres 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>																				
MOLOKAI																				
MS20. Guardrail and Shoulder Improvements Program Safety 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 SysPres 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>																				
MS23. Kamehameha V Highway (Route 450), Shoreline Protection, SysPres Vicinity of Niauapala Fishpond	CON												1,400	1,120	280				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.</i>																				
MAUI : STATE - FHWA TOTAL		20,471	16,377	4,094	47,809	8,787	39,022	32,689	29,302	3,387	28,126	16,467	11,659	44,992	19,652	25,340	33,109	10,087	23,022	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MAUI : STATE - FTA																				
MS24. Lahaina Small Boat Harbor and Ferry Pier	PLN				375	300	75													FTA SECTION 5309
Transit	DES				1,438	1,150	288	1,375	1,100	275										
	CON				10,438	8,350	2,088	8,006	6,405	1,601	8,494	6,795	1,699							
<i>Estimated Total Project Cost - \$31,000,000 -- 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.</i>																				
MS25. Improvements at Maalaea Small Boat Harbor,	CON	500	400	100																FTA SECTION 5309
Transit																				(add PLN)
<i>Estimated Total Project Cost - \$12,000,000 -- 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.</i>																				
MOLOKAI																				
MS27. Kaunakakai Harbor Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
Transit																				
<i>Estimated Total Project Cost - \$2,000,000 -- 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.</i>																				
LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier	DES	1,000	800	200																FTA SECTION 5309
Transit	CON				5,625	4,500	1,125													
<i>Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.</i>																				
MAUI : STATE - FTA TOTAL		2,000	1,600	400	17,876	14,300	3,576	9,381	7,505	1,876	8,494	6,795	1,699	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 Phase 1 - Makawao Ave to Haliimaile Road Phase 2 - Haliimaile Road to Hana Hwy. <i>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</i>	CON							2,200	1,600	600										STP FLEXIBLE		
	DES							200	0	200												
	CON																					
																					4,800	3,600
MC41. Bridge and Pavement Improvement Program, Maui (County) Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau <i>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.</i>	CON	3,000	2,400	600																	IM / NHS / STP FLEXIBLE	
MC3. Bridge Inspection and Appraisal <i>Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.</i>	PLN							300	240	60				300	240	60					BRIDGE OFF-SYSTEM	
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Haleakala Highway to Baldwin Avenue <i>Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.</i>	CON	2,100	1,680	420																	STP FLEXIBLE	
	CON	500	450	50																		HSP-HRRR
MC42. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Phase 2, Vicinity of MP 1.3 to Baldwin Avenue <i>Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.</i>	CON				2,100	1,680	420														STP FLEXIBLE	
	CON				400	360	40															HSP-HRRR
MC5. Hansen Road Pavement Reconstruction, Hana Highway to Puunene Avenue <i>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.</i>	DES				500	0	500														LOCAL	
	ROW				200	0	200														LOCAL	
	CON												3,666	2,600	1,066						STP FLEXIBLE	
MC6. Hina Avenue (Route 3930) Pavement Reconstruction, Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9) <i>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.</i>	DES				700	0	700														LOCAL	
	CON				4,500	3,600	900															STP FLEXIBLE
MC43. Kahananui Bridge Replacement (Lower Honoapiilani Road - RTE 3080) <i>Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.</i>	DES				200	0	200														LOCAL	
	CON												3,470	2,470	1,000						BRIDGE OFF-SYSTEM	
MC7. Kahawaikapia Bridge Replacement (Hana Highway - Route 360) <i>Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>	CON												4,350	3,000	1,350						BRIDGE OFF-SYSTEM	
MC8. Kahekili Highway (Route 3405) Resurfacing, North Market Street to Waiehu Beach Road <i>Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.</i>	CON	4,000	3,200	800																	STP FLEXIBLE	
MC38. Kaholopoo Bridge Replacement (Route 360) <i>Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>	CON	4,200	3,360	840																	BRIDGE OFF-SYSTEM	
MC10. Kamehameha Avenue (Route 3940) Traffic Signals at Kane Street <i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.</i>	DES				250	0	250														LOCAL	
	CON							520	416	104											STP FLEXIBLE	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																					
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360) <i>SysPres</i>	DES				100	0	100													LOCAL BRIDGE OFF-SYSTEM																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC14. Kulanihako'i Bridge Replacement (South Kihei Road - Route 3100) <i>SysPres</i>	DES	500	0	500																LOCAL BRIDGE OFF-SYSTEM																				
<i>ROW</i>																					200	0	200																	
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC39. Lahaina Watershed Flood Control Project, Phase 2 <i>SysPres</i>	CON	3,968	3,968	0																EARMARK (Section 117) NRCS																				
<i>CON</i>																					2,032	2,032	0																	
Phase 3A	DES				80	80	0													EARMARK (Section 117)																				
<i>CON</i>																											2,600	2,200	400										EARMARK (Section 117)	
<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. Leleke'a Bridge Replacement (Hana Highway - Route 360) <i>SysPres</i>	DES				500	0	500													LOCAL BRIDGE OFF-SYSTEM																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC52. Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2 <i>SysPres</i>	DES							40	32	8										STP FLEXIBLE																				
<i>CON</i>																											850	680	170											
<i>Estimated Total Project Cost - \$900,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.</i>																																								
MC18. Lower Honoapiilani Road (Route 3080) Improvements, <i>SysPres</i>	ROW				1,000	0	1,000													LOCAL STP FLEXIBLE																				
<i>CON</i>																																								
<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. Makani Road (Route 3630) Resurfacing, <i>SysPres</i>	CON	2,000	1,600	400																STP FLEXIBLE																				
<i>Haleakala Highway to Kalama Intermediate School</i>																																								
<i>Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.</i>																																								
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements <i>SysPres</i>	ROW	1,000	0	1,000																LOCAL STP FLEXIBLE																				
<i>CON</i>																																								
<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. Mill Street (Route 3840) Traffic Signal at Imi Kala Street <i>Congest</i>	DES							200	0	200										LOCAL LOCAL																				
<i>ROW</i>																																								
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																																								
MC53. Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf. <i>SysPres</i>	CON																			STP FLEXIBLE																				
<i>Aeolo Rd - Makawao Ave. & Old Haleakala Hwy. to Haleakala Bypass</i>																																								
<i>Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeolo 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. Papa Avenue (RTE 3910) Pavement Rehabilitation, <i>SysPres</i>	DES							250	0	250										STP FLEXIBLE																				
<i>CON</i>																											4,925	3,500	1,425											
<i>Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.</i>																																								
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue <i>Congest</i>	DES				200	0	200													LOCAL STP FLEXIBLE																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																																								
MC28. Pukalani Street Pavement Reconstruction, <i>SysPres</i>	DES	200	0	200																LOCAL STP FLEXIBLE																				
<i>CON</i>																					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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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)		
MC45. South Kihei Road (RTE 3100) Pavement Rehabilitation, SysPres Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE	
	CON							3,290	2,440	850											
<i>Estimated Total Project Cost - \$3,500,000 -- 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. South Kihei Road (RTE 3100) Traffic Signal Modernization Congest Lipoa Street to Piikea Avenue	DES				90	8	82						855	684	171					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. Waiale Road (Route 3180) Traffic Signals at Waiinu Road Congest	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. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	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. Waiohono Bridge Replacement (Hana Highway - Route 360) SysPres	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. Waipuilani Bikepath Enhance	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 Kulanihakai Street to Waipuilani State Park. Approximately 0.5 miles.</i>																					
MC54. Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr. (Rte 3137) Pavmnt Rehab. SysPres Okolani Dr. to Wailea Ike Dr. & Piilani Hwy to Wailea Alanui Dr.	CON							2,200	1,600	600										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. Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab. SysPres	CON							1,440	1,152	288										STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,800,000 -- 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. Wakea Avenue (RTE 3920) Pavement Rehabilitation, SysPres 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. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest	DES				110	8	102													STP FLEXIBLE	
	CON							720	576	144											
<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	19,735	14,436	5,299	19,841	14,194	5,647	17,656	13,076	4,580	6,454	5,163	1,291		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164				670	535	135	689	551	138	710	568	142	731	585	146	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
MC37. Rural Transportation Program	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
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																				
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
<i>Transit</i>																				
<i>CON</i>																				
<i>375 300 75</i>																				
<i>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.</i>																				
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system</i>																				
MC49. State of Good Repair	EQP/OPR				2,225	1,780	445													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$2,225,000 -- 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.</i>																				
MC55. Urbnized Area	EQP/OPR							1,288	1,030	258	1,326	1,061	265	1,366	1,093	273	1,407	1,126	281	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,387,000 -- Capital purchases, operating costs & planning</i>																				
MAUI : COUNTY OF MAUI - FTA TOTAL		3,880	3,103	777	4,032	2,616	1,416	2,996	2,395	601	3,084	2,467	617	3,177	2,542	635	3,272	2,618	654	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai SysPres	CON				7,000	0	7,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
Kapule Hwy (Route 51) Resurfacing (UTW) Ahukini Road to Kuhio Hwy	CON	6,500	5,200	1,300																
Kaunualii Hwy (Route 50) Resurfacing Kipu Rd to Huleia Bridge	CON	2,200	1,760	440																
<i>Estimated Total Project Cost - \$63,700,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai Safety	Part 1	DES	100	80	20															STP FLEXIBLE
	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	
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS26. Kapaa Roundabout Beautification Enhance	CON				22	17	5													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.</i>																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement SysPres	DES				1,007	806	201													BRIDGE ON/OFF SYSTEM
	PREROW							110	88	22										
	ROW										787	630	157							
<i>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.</i>																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E SysPres	DES										530	424	106							BRIDGE ON/OFF SYSTEM
	ROW													65	52	13				
<i>Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.</i>																				
KS27. Kaunualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge SysPres	DES							1,000	800	200										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.</i>																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Omao Bridge SysPres	ROW										106	84	22							BRIDGE ON/OFF SYSTEM
	CON													7,350	5,880	1,470				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS6. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB Modern	CON																18,400	7,000	11,400	STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>																				
KS9. Kaunualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout Safety	CON							1,040	832	208										HSIP
<i>Estimated Total Project Cost - \$4,000,000 -- 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>																				
KS11. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge SysPres	ROW										775	620	155							BRIDGE ON/OFF SYSTEM
	CON													10,500	8,400	2,100				
<i>Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</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)	
KS13. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres 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. Kuhio Highway (Route 56) Improvements, Modern Hanamaulu to Kapaa, Phase I	DES									2,000	1,600	400								EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS
	DES									5,000	4,000	1,000								
	PREROW																			
<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. Kuhio Highway (Route 560) Safety Improvements Safety 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 arking and signing.</i>																				
KS20. Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	DES								1,040	832	208									BRIDGE-ON SYSTEM
	ROW												520	416	104					
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna 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. Maalo Road (RTE 583), Guardrail and Shoulder Improvements Safety 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. National Recreational Trails Program - Kauai (DLNR) Enhance	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. Nawiliwili Road (RTE 58) Improvements, SysPres 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	17,479	11,383	6,096	23,085	8,867	14,218	39,349	16,079	23,270	31,714	13,851	17,863	

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COUNTY OF KAUAI - FHWA																				
KC1. Ahukini To Lydgate Park Bike/Pedestrian Path Enhance (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							
<i>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.</i>																				
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES	125	100	25				125	100	25										BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.</i>																				
KC3. Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement SysPres	DES	75	60	15																BRIDGE OFF-SYSTEM
	CON				800	640	160													
<i>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.</i>																				
KC4. Hardy Street (Route 572) Improvements Safety	DES/CON				7,000	3,150	3,850													STP FLEXIBLE
	ADVCON							2,450	(2,450)											
<i>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.</i>																				
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	DES				20	16	4													BRIDGE OFF-SYSTEM
	CON				312	250	62													
<i>Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.</i>																				
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN													400	320	80				BRIDGE OFF-SYSTEM
	DES																			
<i>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.</i>																				
KC7. Kapahi Bridge Replacement SysPres	CON													5,600	4,480	1,120				BRIDGE OFF-SYSTEM
<i>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.</i>																				
KC20. Koloa Road Safety Guardrail and Safety Improvements Safety	DES	150	135	15																HRRR (High Risk Rural Road)
<i>Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).</i>																				
KC8. Kuna Bay to Anahola Bike/Pedestrian Path Enhance (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES										300	300	0							STP ENHANCEMENT
<i>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.</i>																				
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path Enhance (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C & D																				STP ENHANCEMENT
	CON	6,700	6,700	0																
	PLN				21	21	0													
	DES				104	104	0													
	ROW CON							265	265					1,590	1,590	0				
<i>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 Lih 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).</i>																				
KC18. Maluhia Road (Route 520) Improvements Modern	DES													1,200	960	240				STP FLEXIBLE
	ROW																			
	CON																			
<i>Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunua Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
KC10. Nawiliwili to Ahukini Bike/Pedestrian Path Enhance (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A	DES							810	810	0										STP ENHANCEMENT
	ROW							208	208	0										
	DES							1,000	1,000	0										
Phase B																				
<i>Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.</i>																				
KC11. Northerly Leg of the Western Bypass Road Modern (Ala Kalanikaumaka (Route 522))	DES	2,000	1,600	400																STP FLEXIBLE
<i>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.</i>																				
KC13. Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW) SysPres	CON							1,217	973	244										STP FLEXIBLE
<i>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 miles to the Kaneka St. - Puhi Road intersection.</i>																				
KC14. Puuopae Bridge Replacement SysPres	CON										5,000	4,000	1,000							BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.</i>																				
KC15. Resurfacing of Hanapepe Rd (Rte 545), SysPres Including Road Pavement Repairs as Necessary	DES	160	128	32																STP FLEXIBLE
<i>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.</i>																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		9,210	8,723	487	8,257	4,181	4,076	4,705	6,886	(2,181)	14,170	13,170	1,000	7,200	5,760	1,440	0	0	0	

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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)																
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164				521	417	104	537	430	107	554	443	111	570	457	113	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
KC17. Rural Transportation Program	OPR	717	574	143	1,125	600	525	882	705	177	909	727	182	936	749	187	964	771	193	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,400,000 -- Operate public transit system.</i>																				
KC21. State of Good Repair	EQP/OPR				2,376	1,900	476													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$2,376,000 -- Purchase buses. 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.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	1,559	1,247	312	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			5,200		0		0		0		0		0		0		0		0	
BRIDGE OFF-SYSTEM			160		906		100		4,000		4,800		4,800		0		0		0	
BRIDGE ON/OFF SYSTEM			0		2,471		1,720		2,216		15,748		5,800		0		0		5,800	
STP ENHANCEMENT			6,700		142		3,363		9,170		0		0		0		0		0	
STP FLEXIBLE			4,434		4,150		11,003		800		1,040		7,800		0		0		7,800	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0		0		0		0	
PUBLIC LANDS DISCRETIONARY			0		0		0		0		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251		0		0		251	
EARMARK - HIGH PRIORITY			0		0		0		5,600		0		0		0		0		0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD - Federal Lands Highway Discretionary			0		0		0		0		0		0		0		0		0	
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0		0		0		0	
HSIP - Highway Safety Improvement Program			135		0		1,832		0		0		0		0		0		0	
NRCS - National Resources Conservation Service			0		0		0		0		0		0		0		0		0	
H-3 DISCRETIONARY			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		16,880		7,920		18,269		22,037		21,839		13,851							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		(5,600)		0		0						0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
			0		0		0		0		0		0						0	
REGULAR FORMULA AUTHORITY	TOTAL		16,880		7,920		18,269		16,437		21,839		13,851							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FTA SUMMARY																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	2,173	1,626	547	2,023	1,704	319	2,081	1,766	325	2,190	1,844	346	
OAHU, STATE		319	255	64	260	130	130	372	186	186	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	1,786,902	561,154	1,225,748	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	1,590	1,272	318	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	9,381	7,505	1,876	8,494	6,795	1,699	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	2,996	2,395	601	3,084	2,467	617	3,177	2,542	635	3,272	2,618	654	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	1,559	1,247	312	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	1,804,973	575,385	1,229,588	980,240	301,688	678,552	839,316	243,476	595,850	579,746	284,090	295,656	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA SUMMARY																				
STATEWIDE		41,705	10,430	31,275	42,788	11,252	31,536	45,760	13,884	31,876	47,801	15,517	32,284	48,007	15,682	32,325	45,189	13,427	31,762	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	152,000	54,881	97,119	100,419	65,141	35,278	164,647	127,979	36,668	159,878	101,280	58,598	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	25,479	18,269	7,210	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	177,479	73,150	104,329	150,860	79,534	71,326	243,112	160,699	82,413	223,124	139,574	83,550	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	94,054	76,512	17,542	62,753	32,971	29,782	97,000	58,400	38,600	34,974	18,659	16,315	
County of Hawaii		13,660	10,928	2,732	15,240	5,512	9,728	12,920	12,920	0	20,401	11,041	9,360	4,850	12,000	(7,150)	19,650	10,000	9,650	
ISLAND OF HAWAII		39,548	32,728	6,820	143,415	116,452	26,963	106,974	89,432	17,542	83,154	44,012	39,142	101,850	70,400	31,450	54,624	28,659	25,965	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	32,689	29,302	3,387	28,126	16,467	11,659	44,992	19,652	25,340	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,735	14,436	5,299	19,841	14,194	5,647	17,656	13,076	4,580	6,454	5,163	1,291	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	52,424	43,738	8,686	47,967	30,661	17,306	62,648	32,728	29,920	39,563	15,250	24,313	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,479	11,383	6,096	23,085	8,867	14,218	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	4,705	6,886	(2,181)	14,170	13,170	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	22,184	18,269	3,915	37,255	22,037	15,218	46,549	21,839	24,710	31,714	13,851	17,863	
FHWA TOTAL		233,180	149,900	83,280	356,839	204,702	152,137	404,821	238,473	166,348	367,037	191,761	175,276	502,166	301,348	200,818	394,214	210,761	183,453	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0		25,520		0		4,380		27,873		47,300							
NHS (National Highway System)			18,531		15,846		47,867		58,050		53,060		27,689							
BRIDGE OFF-SYSTEM			11,120		1,706		1,220		14,630		11,920		6,955							
BRIDGE ON/OFF SYSTEM			6,650		41,442		7,328		9,087		66,024		58,612							
STP ENHANCEMENT			8,950		142		10,515		11,371		4,402		1,384							
STP FLEXIBLE			86,839		68,754		71,578		46,970		112,852		64,595							
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		14,993		14,477		1,156		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		4,300		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		476		0		0		0							
	SUBTOTAL		149,900		204,702		238,473		191,761		301,348		214,361							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(11,000)		(46,080)		(82,776)		(30,600)		(21,865)		(5,000)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		138,900		158,622		155,697		161,161		279,483		209,361							