

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #9 (Administrative Modification)  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: September 21, 2012

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>STATEWIDE - FHWA</b>																					
<b>S1.</b> <b>Enhance</b>	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>																					
<b>S2.</b> <b>SysPres</b>	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>																					
<b>S3.</b> <b>Human</b>	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>																					
<b>S4.</b> <b>SysPres</b>	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>																					
<b>S5.</b> <b>Safety</b>	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	HSIP
<i>Estimated Total Project Cost - \$3,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
<b>S6.</b> <b>SysPres</b>	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>																					
<b>S7.</b> <b>SysPres</b>	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>																					
<b>S8.</b> <b>Enhance</b>	Pedestrian Facilities and ADA Compliance at Various Locations	DES							200	160	40				200	160	40				STP FLEXIBLE
		CON										2,000	1,600	400				2,000	1,600	400	
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																					
<b>S9.</b> <b>Modern</b>	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>																					
<b>S10.</b> <b>Safety</b>	Safe Routes to School (SR2S) Program																				SAFE ROUTES TO SCHOOL
	Non-infrastructure	Pln/Des	300	300	0				300	300	0	300	300	0	300	300	0	300	300	0	
	Infrastructure	Pvn/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>																					
<b>S11.</b> <b>Enhance</b>	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
Safety		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Kaunualii Hwy (Route 50) Maluhia Road to Mana			CON	1,500	1,200	300															
																					STP FLEXIBLE
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
SysPres																					
Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON							3,500	2,800	700										
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,710	11,174	31,536	49,060	16,454	32,606	46,031	14,031	32,000	46,007	14,012	31,995	46,789	14,637	32,152	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	107	107	0	111	111	0	115	115	0	119	119	0	FTA SECTION 5311 (b)(3)
Human																				
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.																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	354	354	0	FTA SECTION 5311
Human																				
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	943	754	189	972	777	195	1,000	800	200	1,030	824	206	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$5,750,000 -- Transportation for Elderly ans Persons with Disabilities (Section 5310). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles.																				
S22. JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	200	160	40	206	165	41	213	170	43	219	175	44	FTA SECTION 5316 (JARC)
Human																				
Estimated Total Project Cost - \$1,220,000 -- Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	111	89	22	115	92	23	119	95	24	123	98	25	FTA SECTION 5317 (New Freedom)
Human																				
Estimated Total Project Cost - \$658,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses																				
S24. Statewide Planning	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
Transit																				
Estimated Total Project Cost - \$847,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		1,716	1,453	263	2,066	1,591	475	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,997	1,691	306	

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**TURQUOISE** = TRANSIT

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0		0		0		0		
NHS (National Highway System)			0			0			0			0		0		0		0		
BRIDGE OFF-SYSTEM			0			0			0			0		0		0		0		
BRIDGE ON/OFF SYSTEM			2,400			2,400			3,840			2,400		2,400		2,400		2,400		
STP ENHANCEMENT			0			0			0			0		0		0		0		
STP FLEXIBLE			2,330			3,374			6,214			5,231		5,212		5,837				
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0		0		0		
EQUITY BONUS			0			0			0			0		0		0		0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0		0		0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000		5,000		5,000		5,000		
NATIONAL RECREATIONAL TRAILS			0			0			0			0		0		0		0		
EARMARK - HIGH PRIORITY			0			0			0			0		0		0		0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0		0		0		
EARMARK - SECTION 112			0			0			0			0		0		0		0		
EARMARK - SECTION 115			0			0			0			0		0		0		0		
EARMARK - SECTION 117			0			0			0			0		0		0		0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0		0		0		0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			1,000		1,000		1,000		1,000		
HSIP- Highway Safety Improvement Program			400			400			400			400		400		400		400		
NRCS - National Resources Conservation Service			0			0			0			0		0		0		0		
			0			0			0			0		0		0		0		
H-3 DISCRETIONARY			0			0			0			0		0		0		0		
FTA TRANSFER FUNDS			0			0			0			0		0		0		0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0		0		0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0		0		0		
	SUBTOTAL		10,430			11,174			16,454			14,031		14,012		14,637				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)		(5,000)		(5,000)				
LESS FTA TRANSFER FUNDS			0			0			0			0		0		0		0		
			0			0			0			0		0		0		0		
REGULAR FORMULA AUTHORITY	TOTAL		5,430			6,174			11,454			9,031		9,012		9,637				

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OAHU : STATE - FHWA																					
OS87.	Bridge and Pavement Improvement Program, Oahu	CON				20,700	9,000	11,700	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	6,000	4,800	1,200																
	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																				
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.																					
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.html">http://hawaii.gov/dot/highways/STIP/STIP.html</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
OS1.	Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100															STP FLEXIBLE	
SysPres	Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe.																				
OS2.	Farrington Highway (Route 93), Bridge Rehabilitation	ROW									551	441	110							BRIDGE ON/OFF SYSTEM	
SysPres	Ulehawa Stream Bridge																				
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS3.	Farrington Highway (Route 93), Bridge Replacement	CON															14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM	
SysPres	Maipalaoa Bridge																				
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82.	Farrington Highway (Route 93), Bridge Replacement	ROW									1,080	864	216							BRIDGE ON/OFF SYSTEM	
SysPres	Makaha Bridges #3 & #3A	CON									16,225	4,980	11,245								
		ADVCON													8,000	(8,000)					
Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																					
OS4.	Farrington Highway (Route 93) Intersection Improvements	CON				3,000	2,400	600												STP FLEXIBLE	
Safety	at Haleakala Avenue (Route 8743)	CON				4,500	4,050	450												HSIP	
		CON				1,000	800	200												EARMARK - HIGH PRIORITY	
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																					
OS5.	Farrington Highway (Route 93) Intersection Improvements	CON				5,500	4,950	550												HSIP	
Safety	at Nanakuli Avenue (Route 8744)	CON				3,000	2,400	600												STP FLEXIBLE	
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																					
OS6.	Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196															HSIP	
Safety	Vicinity of Leihoku Street to Kili Drive																				
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																					
OS7.	Fort Barrette Road (Route 901) Widening,	CON															23,800	19,040	4,760	STP FLEXIBLE	
Modern	Farrington Highway (Route 9107) to Barber's Point Gate																				
Estimated Total Project Cost - \$25,300,000 -- Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.																					
OS8.	Freeway Management System,																			NHS	
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																				
	Phase 1C																				
	Part 1	CON	7,000	5,600	1,400																
	Part 2	CON							3,500	2,800	700										
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.																					
OS9.	Freeway Management System,																			INTERSTATE MAINTENANCE	
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																				
	Phase 2A	DES				1,900	1,520	380													
	Part 1	CON									5,000	4,000	1,000								
	Part 2	CON												5,000	4,000	1,000					
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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)	
OS10.	Freeway Management System,	DES							1,900	1,520	380										INTERSTATE MAINTENANCE
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	CON															10,000	8,000	2,000		
	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.																				
OS11.	Freeway Management System,	DES													2,000	1,600	400				INTERSTATE MAINTENANCE
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A																				
	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.																				
OS12.	Freeway Management System,	DES	4,000	3,200	800																NHS
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager																				
	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.																				
OS13.	Freeway Service Patrol	CON	2,000	1,800	200	2,000	1,800	200	4,000	3,600	400				2,000	1,800	200	2,000	1,800	200	NHS
Congest																					
	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.																				
OS14.	Guardrail and Shoulder Improvements, Various Locations																				
Safety	Phase 1 - Various locations on Interstate Route H-1	CON							2,100	1,890	210										HSIP
	Phase 2	DES													250	200	50				INTERSTATE MAINTENANCE
		CON															3,000	2,400	600		
	Phase 3	DES															250	200	50		
	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.																				
OS15.	Interstate Routes H-1, H-2, and H-201 Destination Sign																				NHS
SysPres	Upgrade/Replacement, Phase I	CON				4,500	3,600	900													
	Phase II	CON															2,704	2,434	270		
	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.																				
OS16.	Interstate Route H-1, Bridge Rehabilitation,	DES	775	620	155																BRIDGE ON/OFF SYSTEM
SysPres	Kapalama Canal (Halona Street Bridge)																				
	Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																				
OS88.	Interstate Route H-1, Corridor Study	PLN				2,500	2,000	500													NHS
Modern																					
	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.																				
OS17.	Interstate Route H-1, Eastbound Improvements,	ROW							10,800	8,640	2,160										NHS
Modern	Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	DES/CON							101,000	12,800	88,200										
		ADVCON										0	5,000	(5,000)	0	32,000	(32,000)		31,000	(31,000)	
	Estimated Total Project Cost - \$111,800,000 -- Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.																				
OS18.	Interstate Route H-1, Eastbound Improvements,	DES										920	828	92							INTERSTATE MAINTENANCE
Modern	Ward Avenue (Route 7511) On-Ramp to University Interchange																				
	Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.																				
OS19.	Interstate Route H-1, Guardrail and Shoulder Improvements,	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
Safety	Kapiolani Interchange to Ainakoa Avenue																				
	Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																				
OS20.	Interstate Route H-1, Guardrail and Shoulder Improvements,	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
Safety	Middle Street (Route 7415) to Punchbowl Street (Route 7516)																				
	Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																				
OS21.	Interstate Route H-1, Highway Lighting Improvements,	CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE
SysPres	Kaimakani OP to Gulick Avenue																				
	Phase 1																				
	Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																				

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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)	
OS22. <span>Modern</span> Interstate Route H-1, Kapolei Interchange Complex Phase 2	CON							4,800	4,300	500										INTERSTATE MAINT. DISCR NHS NHS (use Adv Construction)	
	CON							26,700	17,030	9,670											
	ADVCON										0	7,000	(7,000)								
	Phase 3	DES												560	448	112				NHS	
	ROW													224	179	45				NHS	
	Phase 4	DES												540	432	108				NHS	
	ROW													216	172	44				NHS	
	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 Palailai and Makakilo Interchanges.																				
OS83. <span>SysPres</span> Interstate Route H-1, Installation of Access Control Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON	2,500	2,250	250																STP FLEXIBLE	
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																					
OS23. <span>Congest</span> Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	DES/CON													5,850	5,265	585				INTERSTATE MAINTENANCE	
Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.																					
OS24. <span>SysPres</span> Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	CON																23,250	20,925	2,325	INTERSTATE MAINTENANCE	
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.																					
OS25. <span>Modern</span> Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I	CON																17,525	15,775	1,750	INTERSTATE MAINTENANCE	
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 Waikale.																					
OS27. <span>Modern</span> Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	DES																3,432	2,745	687	NHS	
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																					
OS28. <span>Safety</span> Interstate Route H-3, Safety Improvements in the Vicinity of Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES	150	135	15																HSIP	
	CON							1,600	1,440	160											
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.																					
OS29. <span>SysPres</span> Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.																					

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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. <span>Enhance</span> Kalanianaʻole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	CON										250	200	50							EARMARK-HIGH PRIORITY STP ENHANCEMENT
	CON										2,400	1,920	480							
	<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																			
OS33. <span>SysPres</span> Kalanianaʻole Highway (Route 72), Bridge Replacement 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. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	10,816	2,704							NHS
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																			
OS35. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																			
OS37. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement 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. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW							189	152	37										BRIDGE ON/OFF SYSTEM
	CON										8,600	6,880	1,720							
	<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																			
OS40. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM
	ROW										270	216	54							
	<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. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Rehabilitation Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
	<i>Estimated Total Project Cost - \$10,000,000 -- Rehabilitate the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</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)	
OS43. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	PREROW							52	42	10										BRIDGE ON/OFF SYSTEM
	ROW										600	480	120							
Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							946	757	189										
Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM
	ROW										1,125	865	260							
	CON																17,300	13,840	3,460	
Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																				
OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge	PREROW							104	83	21										BRIDGE ON/OFF SYSTEM
	ROW							520	416	104										
	CON										10,816	653	10,163							
	ADVCON													0	8,000	(8,000)				
Estimated Total Project Cost - \$11,500,000 - replace the existing bridge																				
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
Estimated Total Project Cost - \$4,300,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																				
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52	PREROW				50	40	10													NHS
	ROW							450	360	90										
	CON													9,500	7,600	1,900				
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																				
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON							1,528	1,375	153										HSIP
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.																				
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road	DES	200	180	20																HSIP
	CON										1,000	900	100							
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.																				
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,702	1,533	169										HSIP
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.																				
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140																NHS
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.																				
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140																NHS
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.																				
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										6,750	5,400	1,350							NHS
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.																				
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248				NHS
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.																				
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station	CON				8,500	6,800	1,700													STP ENHANCEMENT
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.																				

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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)	
OS70. <span>Enhance</span> Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualalei Naval Road	DES	2,500	2,000	500																STP ENHANCEMENT	
	PREROW							100	80	20											
	ROW													2,750	2,200	550					
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																					
OS71. <span>Safety</span> Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON													6,000	4,800	1,200				NHS	
<i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																					
OS72. <span>SysPres</span> Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 ( Halawa Hts. Off-Ramp to Middle St. Overpass)	CON										5,840	4,672	1,168							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. <span>SysPres</span> Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)	CON										2,340	1,872	468							NHS	
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																					
OS74. <span>SysPres</span> Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.</i>																					
OS75. <span>SysPres</span> Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																					
OS89. <span>Congest</span> Nimitz Highway (Rte 92) and Honolulu Harbor Pier 19 Intersection Improvements	DES				529	476	53													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. <span>Enhance</span> Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																					
OS81. <span>Modern</span> Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center	DES							52	0	52										LOCAL LOCAL	
	CON							12,480	0	12,480											
<i>Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.</i>																					
OAHU : STATE - FHWA TOTAL			50,344	41,066	9,278	58,238	40,283	17,955	212,002	59,681	152,321	121,806	64,482	57,324	115,124	111,763	3,361	175,795	147,066	28,729	

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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)	
OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70													FTA SECTION 5316 (JARC) Small Urban
Estimated Total Project Cost - \$315,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
OS86 New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60													FTA SECTION 5317 (New Freedom) Small Urban
Estimated Total Project Cost - \$264,000 -- 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.																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	0	0	0	0	0	0	0	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)	
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Alapai Transit Center Multi-Use Path	CON	210	0	210																STP FLEXIBLE	
Transit	Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																				
OC2. Alapai Transportation Management Center																					
Safety	Architectural/Engineering Consultant	DES				1,000	0	1,000												LOCAL	
	Architectural/Engineering Consultant	DES	4,500	4,400	100															STP FLEXIBLE	
	Management Center Building	CON							16,481	7,801	8,680	17,000	7,156	9,844	17,000	13,600	3,400			STP FLEXIBLE	
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000												LOCAL	
	System Manager	DES							1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	LOCAL
Estimated Total Project Cost - \$84,346,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies.																					
This will enhance agency cooperation and coordination during emergency responses.																					
OC3. Bicycle Projects																					
Enhance	Kalaheo Avenue	PLN	1	0	1															LOCAL	
		ROW	1	0	1															LOCAL	
		CON	2106	1556	550																STP FLEXIBLE
Kealaolu Ave Shoulder Improvements		DES				1	0	1												LOCAL	
		CON				620	496	124												STP FLEXIBLE	
Civic Center Bike Path Improvements		CON				325	260	65												STP FLEXIBLE	
Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex																					
Hamakua Drive Bike Improvements		DES							100	80	20									STP FLEXIBLE	
		CON										416	333	83						STP FLEXIBLE	
18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements		ROW							1	0	1									LOCAL	
		PLN							1	0	1									LOCAL	
		DES	148	0	148															LOCAL	
		CON							700	560	140									STP FLEXIBLE	
Waialae Avenue Bike Lanes		DES							40	0	40									LOCAL	
		CON							400	320	80									STP FLEXIBLE	
Estimated Total Project Cost - \$8,565,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.																					
OC4. Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM	
SysPres	Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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	EQP	1	0	1															LOCAL	
		CON				3,307	2,527	780												STP FLEXIBLE	
	Phase 14: Mililani Town - Part 1	CON							3,349	3,349	0									STP FLEXIBLE	
	Phase 15: Mililani Town (Part 2) & Expand Fiber to Wahiawa	DES	250	200	50															STP FLEXIBLE	
	Mililani	DES				375	300	75												STP FLEXIBLE	
	Wahiawa	CON											3,439	2,596	843					STP FLEXIBLE	
	Phase 16: Makakilo Area	DES							375	300	75									STP FLEXIBLE	
		CON															4,211	3,348	863	STP FLEXIBLE	
		EQP															1	0	1	LOCAL	
	Phase 17: Nanakuli Area	DES										380	304	76							STP FLEXIBLE
	Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.																				
OC6. Kapolei Parkway (Route 8920) Congest		DES	1	0	1															LOCAL	
	Urban Core 4: Kunehi Street to Kamaaha Ave	CON	5,200	0	5,200															STP FLEXIBLE	
	Urban Core 5: Kamaaha Ave to Kamokila Blvd	CON	3,388	0	3,388															LOCAL	
		CON	7,813	7,813	0															STP FLEXIBLE	
	Urban Core 4A: Kamaaha Intersection	CON				773	0	773												LOCAL	
		CON				3,164	3,164	0												STP FLEXIBLE	
	Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																				
OC7. Makakilo Drive (Route 8810) Extension Modern	Phase 1	CON									22,550	0	22,550							LOCAL	
	Phase 2	CON															47,410	37,928	9,482	STP FLEXIBLE	
	Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway																				
	CON																				
OC8. Salt Lake Blvd (7311) Route Widening Modern	Maluna Street to Ala Liliko'i Street	CON									22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE	
	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko'i Street.																				
OC9. Seismic Bridge Retrofit SysPres		DES															600	480	120	BRIDGE OFF-SYSTEM	
		CON									1,500	1,200	300							BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$2,100,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																				
OC25. Kuakini Street Extension Congest		PLN				10	0	10												LOCAL	
		DES				10	0	10												LOCAL	
		CON				4,580	3,600	980												STP FLEXIBLE	
	Estimated Total Project Cost - \$4,600,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.																				

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OC10. Traffic Improvements at Various Locations <div>Safety</div> Palolo Traffic Calming	ROW							50	0	50										LOCAL	
	PLN							50	0	50										LOCAL	
	DES	300	0	300																LOCAL	
	CON							1,930	960	970										STP FLEXIBLE	
	Waiakamilo and Dillingham Intersection																			LOCAL	
	DES				1	0	1													STP FLEXIBLE	
	CON				1,821	1,457	364													STP FLEXIBLE	
	Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.																				
	TBD																				
	ROW										50	0	50							LOCAL	
	PLN										50	0	50							LOCAL	
	DES							400	0	400										LOCAL	
	CON										1,930	960	970							STP FLEXIBLE	
	TBD																				
	ROW													50	0	50				LOCAL	
	PLN													50	0	50				LOCAL	
	DES										400	0	400							LOCAL	
CON													1,930	960	970				STP FLEXIBLE		
TBD																					
ROW														50	0	50			LOCAL		
PLN														50	0	50			LOCAL		
DES													400	0	400				LOCAL		
CON																1,930	960	970	STP FLEXIBLE		
TBD																					
DES																400	0	400	LOCAL		
Estimated Total Project Cost - \$11,842,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																					
OC26. Traffic Signal Optimization <div>Congest</div> Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90													STP FLEXIBLE	
	DES				1,020	816	204													STP FLEXIBLE	
Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo																					
Estimated Total Project Cost - \$1,470,000 -- Optimize traffig signal tiing, coordination and implementation plans to reduec 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.																					

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OC11.	Traffic Signals at Various Locations																				
Congest	Phase 13 - University area, Harding Ave/4th Ave, 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	
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).																					
	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															LOCAL	
		DES	350	280	70															STP FLEXIBLE	
		CON							4,074	3,349	725									STP FLEXIBLE	
		EQP							1	0	1									LOCAL	
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.																					
	Phase 15 - Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke 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																		STP FLEXIBLE	
		EQP										4,000	3,349	651						LOCAL	
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).													1	0	1						
	Phase 16 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Neho St/Mott-Smith Dr	PLN										1	0	1						LOCAL	
		DES										364	291	73						STP FLEXIBLE	
		CON													3,251	2,600	651			STP FLEXIBLE	
		EQP													1	0	1			LOCAL	
	Phase 17	PLN													1	0	1			LOCAL	
		DES													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	
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.																					
OC12.	Upgrade Pedestrian Signals at Various Locations,	DES	30	0	30															LOCAL	
Safety	East Honolulu, Pearl City, Ewa and Windward areas	CON	480	360	120	150	0	150												STP FLEXIBLE	
Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons.																					
OAHU : C&C OF HONOLULU - FHWA TOTAL			39,056	15,329	23,727	26,208	16,705	9,503	29,952	17,519	12,433	72,642	14,393	58,249	55,178	38,447	16,731	84,067	64,756	19,311	

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CITY & COUNTY OF HONOLULU - FTA																				
OC13. Agency Provided Trips Human																				
	OPR										202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb
	OPR	230	115	115	422	190	232	426	191	235	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb
Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																				
OC14. Bus and Handi-Van Acquisition Program Transit																				
	EQP							22,168	3,000	19,168										FTA \$5307/\$5340
	EQP				9,984	7,987	1,997													FTA \$5307/\$5340 (2011)
	EQP							16,752	12,564	4,188										FTA \$5307/\$5340 (2012)
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II
	EQP				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										16,207	0	16,207	16,490	0	16,490	17,016	0	17,016	LOCAL
	INSP	20	18	2	50	45	5													FTA \$5307/\$5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	127	0	127	LOCAL
	Estimated Total Project Cost - \$135,631,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																			
FFY 2011: 8-45' buses																				
FFY 2012: 35<30' vehicles + 13-40' buses																				
FFY 2013: 55<30' vehicles + 112-40' buses																				
FFY 2014: 25<30' vehicles + 1-30' bus + 26-40' buses + 1>40' buses.																				
FFY 2015: 30<30' vehicles + 15-40' buses + 11-45' buses																				
FFY 2016: 30<30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses																				
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)	HHCTCP							38,700	31,000	7,700	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340
	HHCTCP				0	0	0													LOCAL
	HHCTCP	80,900	30,000	50,900							888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2010)
	HHCTCP				164,300	55,000	109,300													FTA \$5309 NS (2011)
	HHCTCP							659,970	200,000	459,970										FTA \$5309 NS (2012)
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013)
Estimated Total Project Cost - \$5,163,495,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																				
a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																				
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																				
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOE\$000).																				
d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																				
OC16. Local Shuttle Service Human																				
	EQP							65	52	13										FTA \$5316 JARC Urb
	OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb
Estimated Total Project Cost - \$991,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.																				



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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OC17. Middle Street Intermodal Center Transit	PLN																1	0	1	LOCAL
	DES	300	0	300										2,500	0	2,500	200	0	200	LOCAL
	CON													1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC
	EQP																1	0	1	LOCAL
	Estimated Total Project Cost - \$34,134,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																			
OC18. Mobility Management Human	OPR	496	397	99	318	254	64	318	254	64	274	219	55	289	231	58	245	196	49	FTA \$5316 JARC Urb
	OPR	100	80	20	54	43	11	54	43	11							62	49	13	FTA \$5317 NF-Urb
	EQP										12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb
	Estimated Total Project Cost - \$2,249,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
OC19. Preventive Maintenance Transit	OPR				43,080	21,000	22,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340
	OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)
	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.																			
OC24. Special Needs Transportation Human	OPR	146	73	73																FTA \$5317 NF-Urb
	Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																			
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP							413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
	EQP				455	365	90													FTA \$5307/\$5340 (2011)
	EQP							754	364	390										FTA \$5307/\$5340 (2012)
	Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility Transit	PLN							200	0	200	1	0	1	1	0	1	1	0	1	LOCAL
	ROW							1	0	1	1,000	0	1,000	1	0	1	1	0	1	LOCAL
	DES							1	0	1	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
	Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			
OC23. Windward Transit Center Transit	PLN							1	0	1	1	0	1	1	0	1				LOCAL
	ROW							1	0	1	1	0	1	1	0	1				LOCAL
	DES							175	0	175	200	0	200	200	0	200				LOCAL
	CON										3,000	0	3,000							LOCAL
	INSP							1	0	1	150	0	150	1	0	1				LOCAL
	EQP										1	0	1	1	0	1				LOCAL
	Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL		90,447	37,630	52,817	281,090	126,140	154,950	1,612,897	500,024	1,112,873	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	

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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)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			20,385			47,300		
NHS (National Highway System)			11,720			7,440			45,230			35,480			52,423			37,979		
BRIDGE OFF-SYSTEM			720			720			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			160			2,026			14,514			28,980			42,460		
STP ENHANCEMENT			2,000			6,800			80			1,920			2,200			0		
STP FLEXIBLE			35,659			29,785			16,719			12,393			45,135			82,516		
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			800			0			1,065			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			9,000			6,238			900			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			476			0			0			0			0		
	SUBTOTAL		56,395			56,988			77,200			78,875			150,210			211,822		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(1,276)			(4,300)			(1,065)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		56,395			55,712			72,900			77,810			150,210			211,822		

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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 Modern	CON														7,570	6,056	1,514				STP FLEXIBLE
	Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																				
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road Enhance	DES										260	208	52								STP FLEXIBLE
	Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																				
HS42. Bridge and Pavement Improvement Program, Hawaii SysPres	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
	CON		5,000	4,000	1,000																
	DES		400	320	80																
	CON		3,200	2,560	640																
	CON		5,100	4,080	1,020																
	CON		3,600	2,880	720																
	CON					2,125	1,700	425													Identifyfunded 2012 SMP Projects
	CON					3,375	2,700	675													
	CON					6,000	4,800	1,200													
	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: <a href="http://hawaii.gov/dot/highways/STIP/STIP.html/">http://hawaii.gov/dot/highways/STIP/STIP.html/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
HS3. Crater Rim Road (NPS) SysPres	CON					7,500	7,500	0													FED. LANDS HWY
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																				
HS4. Guardrail and Shoulder Improvements, Various Locations Safety	DES											1,000	800	200							STP FLEXIBLE
	CON																1,400	0	1,400		
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																					
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge SysPres	CON					36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																					
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge SysPres	DES					1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW					200	160	40													
	ROW											1,090	872	218							
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																					
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge Safety	CON								4,325	3,460	865										BRIDGE ON/OFF SYSTEM
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.																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge Safety	CON								1,638	1,310	328										NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge Safety	CON											1,456	1,165	291							NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS10.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON	1,514	1,211	303															NHS	
<span>Safety</span>	Papalele Rd towards Kaunaloa Bridge																				
			<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,	CON																1,500	1,200	300	NHS
<span>Safety</span>	Kaala Bridge Towards Kealahaka Bridge																				
			<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealahaka Bridge.</i>																		
HS12.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	DES				112	90	22												NHS	
<span>Safety</span>	Waipunahina Bridge to East Paaulo Bridge	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,	CON							35,000	12,000	23,000									NHS	
<span>Safety</span>	Phase I (Laupahoehoe Gulch)	ADVCON										0	5,000	(5,000)	0	11,000	(11,000)				
			<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,	DES							624	499	125									NHS	
<span>Safety</span>	Phase II (Maulua Gulch)																				
			<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	CON				2,000	1,800	200												HSIP	
<span>Safety</span>	Vic. of Laupahoehoe Gulch to Kaawali Gulch	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	DES				1,000	800	200												STP FLEXIBLE	
<span>SysPres</span>		PREROW				115	92	23													
			<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																		
HS18.	Kawaihae Road Bypass,	DES							3,250	2,600	650									NHS	
<span>Modern</span>	Waimea to Kawaihae, Phase 1 (First 5 miles)	PREROW							100	80	20										
			<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), Waiake Stream Bridge Replacement	DES				1,144	915	229												BRIDGE ON/OFF SYSTEM	
<span>SysPres</span>	and Realignment of Approaches	PREROW				50	40	10													
			<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiake 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,	DES				3,000	2,400	600												STP FLEXIBLE	
<span>Modern</span>	Keaau to Pahoa	PREROW							100	80	20										
			<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	CON							2,080	1,872	208									HSIP	
<span>Safety</span>	Old Government Road																				
			<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	CON	2,500	2,250	250															HSIP	
<span>Safety</span>	Paradise Drive, Orchardland Drive, and Ainaloa Blvd																				
			<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																		
HS41.	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion	CON				21,500	17,200	4,300												STP FLEXIBLE	
<span>Modern</span>	Phase 1: Keaau Bypass to Shower Drive	CON				1,820	1,456	364												HSIP	
			<i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.</i>																		
			<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>																		
HS24.	Kealahake Parkway Extension (Route 197),	DES							790	632	158									STP FLEXIBLE	
<span>Modern</span>	Keanalehu Drive to Kealahaka Street	PREROW							50	40	10										
			<i>Estimated Total Project Cost - \$7,000,000 -- Extension of Kealahake Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</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)	
HS25. <span>Enhance</span> Kuakini Highway (Route 11) Bicycle Improvements, 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. <span>Modern</span> Kumau Street Improvements, Hilo (Harbors Division)	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. <span>SysPres</span> Mamalahoa Highway (Route 11), Hilea Bridge Replacement	DES														810	648	162			BRIDGE ON/OFF SYSTEM	
	<i>Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.</i>																				
HS30. <span>Safety</span> Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON							5,841	4,673	1,168										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. <span>Enhance</span> National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
	<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																				
HS32. <span>Modern</span> Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1 Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770)	PREROW							50	40	10										STP FLEXIBLE	
	ROW										1,000	800	200							EARMARK-HIGH PRIORITY (HI025)	
	ROW										5,100	4,080	1,020							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. <span>Modern</span> Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	DES										1,600	1,280	320							STP FLEXIBLE	
	PREROW													50	40	10					
	<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. <span>Congest</span> Queen Kaahumanu Highway (Route 19), Intersection Improvements 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>																				
HS35. <span>Modern</span> Queen Kaahumanu Highway (Route 19) Widening Keahole Airport to Kawaihae Harbor	PLN																4,870	3,896	974	NHS	
	<i>Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.</i>																				
HS36. <span>Modern</span> Saddle Road Extension	DES										9,000	7,200	1,800							STP FLEXIBLE	
	<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. <span>Modern</span> SADDLE ROAD (Route 200) IMPROVEMENTS  Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11  Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4	CON				13,500	13,500	0													TIGER 3 FUNDS	
	ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON							50,000	50,000	0											
	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON				20,000	20,000	0														
	CON							20,000	20,000	0											
	CON										20,000	20,000	0								
	CON													15,000	15,000	0					
<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	140,050	97,047	43,003	65,910	48,697	17,213	56,944	46,355	10,589	27,344	7,555	19,789		

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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS	
COUNTY OF HAWAII - FHWA																						
HC1.	Alii Drive (Route 186) Culvert Replacement	CON							10,400	8,320	2,080										STP FLEXIBLE	
	Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																					
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay,	DES							54	44	10										STP ENHANCEMENT	
Enhance	From Hualalai Road (Route 1880) to Walua Road (Route 187)	ROW							520	416	104											
	Phase 1	CON													5,600	4,480	1,120					
	Phase 2	DES							50	40	10											
		CON																5,400	4,320	1,080		
		Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																				
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185)																				STP FLEXIBLE	
Modern	to Queen Kaahumanu Hwy (Route 19)	PLN				0	0	0	540	432	108										(defer and inflate)	
	Phase 1 - Part 1	DES				0	0	0	540	432	108											
		CON							2,163	1,730	433											
		Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.																				
HC5.	Bridge Inspection and Appraisal	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																					
HC6.	Kaahakini Bridge Rehabilitation	CON							2,163	1,730	433										BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																					
HC7.	Kaiminani (Route 198) Roadway Improvements	DES	10	8	2																STP FLEXIBLE	
SysPres	Mamalahoa Highway (Route 190) to Vicinity of Ahiahi Street	CON	8,500	6,800	1,700																	
		Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																				
HC8.	Kamehameha Avenue (Route 1910) Resurfacing,	CON				14,600	5,000	9,600				0	0	0							STP FLEXIBLE	
SysPres	Wailoa Bridge to Ponahawai Street	ADVCON							6,680	(6,680)					0	0	0				(advance to 2012)	
		Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																				
HC9.	Kawailani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) &	DES																			STP FLEXIBLE	
Congest	Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	CON													17,470	13,976	3,494					
	Phase 2																					
		Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawailani/Iwalani and Kawailani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																				
HC10.	Kuakini Highway (Route 1100) Widening,	CON										7,280	5,824	1,456							STP FLEXIBLE	
Modern	Hualalai Road (Route 1880) to Alii Highway																					
		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.																				
HC11.	Mamalahoa Highway (Route 19) Widening	PLN				10	8	2													NHS	
Modern	(Mudlane to North Hawaii Community Hospital)	DES				10	8	2														
		ROW													1,080	864	216					
		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.																				
HC15.	Manono Street (Route 2770) Roadway Improvements	DES	50	40	10																STP FLEXIBLE	
SysPres	Lanikaula Steet to Kekuanaoa Street	ROW				520	416	104														
		CON										5,000	4,000	1,000								
		Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																				
HC12.	Reed's Island Bridge Rehabilitation	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			13,660	10,928	2,732	15,240	5,512	9,728	16,530	19,904	(3,374)	12,380	9,904	2,476	24,250	19,400	4,850	5,500	4,400	1,100		

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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)	
COUNTY OF HAWAII - FTA																				
HC13. <span>Transit</span> Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
HC14. <span>Transit</span> Rural Transportation Program	EQP/OPR	844	675	169	1,160	600	560	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
HC16. <span>Transit</span> State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus
	EQP/OPR				2,750	2,200	550													Facilities Discretionary (SGR)
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.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	

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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)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			1,211			5,706			16,489			6,165			13,192			5,096		
BRIDGE OFF-SYSTEM			4,080			80			1,810			80			80			80		
BRIDGE ON/OFF SYSTEM			320			31,003			3,460			2,536			8,968			0		
STP ENHANCEMENT			0			0			500			0			4,480			4,320		
STP FLEXIBLE			24,568			25,908			22,387			27,200			23,736			2,160		
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			20,800			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			2,006			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			107,252			116,951			58,601			65,755			11,955		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(41,000)			(70,000)			(20,800)			(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			66,252			46,951			37,801			50,755			11,955		



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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FHWA																					
MS36. Bridge and Pavement Improvement Program, Maui	CON					0	0	0	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
SysPres Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																	
Kula Hwy to Haleakala Crater Road Jnc.																					
Haleakala Crater Road (Route 378)	CON	1,300	1,040	260																	
MP 0.0 to 2.0																					
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	CON	3,200	2,560	640																	
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																					
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																	
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance	CON				2,650	320	2,330													Identify funded 2012 SMP projects	
Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	ADVCON								0	1,800	(1,800)										
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.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
MS1. Guardrail and Shoulder Improvement Program																					STP FLEXIBLE
Safety at Various Locations, Maui																					
Part 1	CON								1,400	1,120	280										
Part 2	CON														1,000	800	200				
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																					
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																	STP ENHANCEMENT
Enhance																					
Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																					
MS37. Hana Highway Historic Bridge Preseravation Plan	PLN								1,500	1,200	300										BRIDGE ON/OFF SYSTEM
SysPres																					
Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																					
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON											1,500	1,200	300							STP ENHANCEMENT
Enhance Dairy Road (Route 380) to Naniloa Overpass																					
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																					
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW											119	95	24							NHS
Modern	CON																6,760	5,408	1,352		
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW								808	647	161										BRIDGE ON/OFF SYSTEM
SysPres	CON																5,400	4,320	1,080		
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay																					
MS7. Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES											2,000	1,600	400							NHS
Modern																					
Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.																					
MS30. Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	CON					0	0	0	227	182	45										HSIP (defer and inflate)
Safety																					
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.																					
MS8. Honoapiilani Highway (Route 30) Safety Improvements, Vicinity of Kapoli Street to Papalaua Beach Park	CON								3,050	2,745	305										HSIP
Safety																					
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.																					

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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)	
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, SysPres Vicinity of Olowalu	CON							3,120	2,496	624										NHS
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																				
MS34. Honoapiilani Highway (Route 30), Shoreline Protection SysPres at Launiupoko	CON										3,245	2,596	649							NHS
Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders																				
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
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																				
MS11. Kahului Airport Access Road (Route 3800) Modern	CON ADVCON				37,950	2,700	35,250	0	27,660	(27,660)										NHS (update final estimate and AC amount)
Estimated Total Project Cost - \$33,000,000 -- 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.																				
MS32. Kahului Beach Road (Route 3400), Lighting Improvements Safety at Kanaloa Avenue (Route 3420)	CON							563	507	56										HSIP
Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.																				
MS12. Kahului Beach Road (Route 3400), Shoreline Protection SysPres Kahului Bay (#1)	CON							1,900	1,520	380										STP FLEXIBLE
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.																				
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)
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																				
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																				
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
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																				
MS35. Piilani Highway, Traffic Operational Improvements Modern at Ohukai Road	CON				0	0	0	1,515	1,212	303										NHS (defer and inflate)
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.																				
MS33. Puunene Avenue (Route 3500) Safety Improvements, Safety Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	CON							562	506	56										HSIP
Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.																				
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) Modern to Kuihelani Highway (Route 380)	PREROW ROW CON							32	25	7	150	120	30	6,300	5,040	1,260				STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE
Estimated Total Project Cost - \$8,000,000 -- Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii																				
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation SysPres Iao Stream Bridge	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																				

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MOLOKAI																				
MS20. Safety Guardrail and Shoulder Improvements Program at Various Locations, Molokai																				STP FLEXIBLE
Part 1	CON	750	600	150																
Part 2	CON							750	600	150										
Part 3	CON													750	600	150				
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																				
MS22. SysPres Kamehameha V Highway (Route 450), Bridge Replacement	CON													4,293	3,435	858				BRIDGE ON/OFF SYSTEM
Makakupaia Stream Bridge																				
Estimated Total Project Cost - \$5,000,000 -- Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94. Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.																				
MS23. SysPres Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	CON													1,400	1,120	280				STP FLEXIBLE
Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.																				
MAUI : STATE - FHWA TOTAL		20,471	16,377	4,094	47,809	8,787	39,022	39,671	45,215	(5,544)	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	

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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													
	CON				10,438	8,350	2,088													
Estimated Total Project Cost - \$12,000,000 -- 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.																				
MS25. Improvements at Maalaea Small Boat Harbor, Ferry System Improvements	CON	500	400	100																FTA SECTION 5309 (add PLN)
Transit																				
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.																				
MOLOKAI																				
MS27. Kaunakakai Harbor Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
Transit																				
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.																				
LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier	DES	1,000	800	200																FTA SECTION 5309
Transit	CON				5,625	4,500	1,125													
Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.																				
MAUI : STATE - FTA TOTAL		2,000	1,600	400	17,876	14,300	3,576	0	0	0	0	0	0	0	0	0	0	0	0	

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COUNTY OF MAUI - FHWA																					
MC50.	Baldwin Avenue (RTE 390) Resurfacing, Ph 1	CON							1,600	1,280	320									STP FLEXIBLE	
SysPres	Makawao Ave to Haliimaile Road																				
Estimated Total Project Cost - \$2,000,000 --Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles																					
MC41.	Bridge and Pavement Improvement Program, Maui (County)																			IM / NHS / STP FLEXIBLE	
SysPres	Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600															Backup SMP project for 2011	
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																					
MC3.	Bridge Inspection and Appraisal	PLN							300	240	60				300	240	60			BRIDGE OFF-SYSTEM	
SysPres																					
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																					
MC4.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420															STP FLEXIBLE	
SysPres	Haleakala Highway to Baldwin Avenue	CON	500	450	50															HSIP-HRRR	
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																					
MC42.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON				2,100	1,680	420												STP FLEXIBLE	
SysPres	Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				400	360	40												HSIP-HRRR	
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																					
MC5.	Hansen Road Pavement Reconstruction,	DES				500	0	500												LOCAL	
SysPres	Hana Highway to Puunene Avenue	ROW				200	0	200												LOCAL	
		CON													3,666	2,600	1,066			STP FLEXIBLE	
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																					
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction,	DES				700	0	700												LOCAL	
SysPres	Wakea Avenue to Ani Street AND	CON				4,500	3,600	900												STP FLEXIBLE	
	Kamehameha Avenue (Route 3940) Pavement Reconstruction,																				
	Vicinity of Puunene Avenue to Papa Avenue (MC9)																				
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																					
MC43.	Kahananui Bridge Replacement	DES				200	0	200												LOCAL	
SysPres	(Lower Honoapiilani Road - RTE 3080)	CON							3,400	2,400	1,000									BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																					
MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON							4,264	2,912	1,352									BRIDGE OFF-SYSTEM	
SysPres																					
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC8.	Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800															STP FLEXIBLE	
SysPres	North Market Street to Waiehu Beach Road																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																					
MC38.	Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840															BRIDGE OFF-SYSTEM	
SysPres																					
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250												LOCAL	
Congest		CON				0	0	0	520	416	104									STP FLEXIBLE (defer and inflate)	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																					
MC11.	Kaupakalua Road (Route 365) Resurfacing,	CON															4,621	3,697	924	STP FLEXIBLE	
SysPres	Hana Highway to Makawao Avenue																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																					
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100												LOCAL	
SysPres		CON							5,948	4,326	1,622									BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					

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MC14. <div>SysPres</div> <div>Kulanihakai Bridge Replacement (South Kihei Road - Route 3100)</div>		DES	500	0	500																LOCAL	
		ROW	200	0	200																LOCAL	
		CON										3,550	2,840	710							BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC39. <div>SysPres</div> <div>Lahaina Watershed Flood Control Project, Phase 2</div>		CON	3,968	3,968	0																EARMARK (Section 117)	
		CON	2,032	2,032	0																NRCS	
		DES				80	80	0													EARMARK (Section 117)	
		CON							2,600	2,200	400										EARMARK (Section 117)	
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.																						
MC15. <div>SysPres</div> <div>Lelekea Bridge Replacement (Hana Highway - Route 360)</div>		DES				500	0	500													LOCAL	
		CON																3,994	3,195	799	BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
		CON										2,596	2,077	519							STP FLEXIBLE	
Estimated Total Project Cost - \$2,700,000 -- Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.																						
MC18. <div>SysPres</div> <div>Lower Honoapiilani Road (Route 3080) Improvements, Hooihui Road to Napilihau Road</div>		ROW				1,000	0	1,000													LOCAL	
		CON													5,900	4,500	1,400				STP FLEXIBLE	
	Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																					
		CON	2,000	1,600	400																STP FLEXIBLE	
Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																						
MC22. <div>SysPres</div> <div>Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School</div>		ROW	1,000	0	1,000																LOCAL	
		CON										1,250	1,000	250							STP FLEXIBLE	
	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.																					
		DES					200	0	200													LOCAL
MC25. <div>Congest</div> <div>Mill Street (Route 3840) Traffic Signal at Imi Kala Street</div>		ROW									500	0	500								LOCAL	
		CON																730	584	146	LOCAL	
	Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
		DES																				STP FLEXIBLE
MC44. <div>SysPres</div> <div>Papa Avenue (RTE 3910) Pavement Rehabilitation, Puunene Avenue to Kaahumanu Avenue</div>		CON									4,925	3,500	1,425								STP FLEXIBLE	
	Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																					
		DES				200	0	200														LOCAL
		CON													860	688	172				STP FLEXIBLE	
Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																						
MC28. <div>SysPres</div> <div>Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street</div>		DES	200	0	200																LOCAL	
		CON	500	400	100																STP FLEXIBLE	
	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.																					
		DES				150	0	150														STP FLEXIBLE
MC45. <div>SysPres</div> <div>South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance</div>		CON				0	0	0	2,080	1,664	416										(defer and inflate)	
	Estimated Total Project Cost - \$2,150,000 -- 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.																					
		DES				90	8	82														STP FLEXIBLE
		CON							840	672	168											STP FLEXIBLE
Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.																						
MC31. <div>Congest</div> <div>Waiale Road (Route 3180) Traffic Signals at Waiinu Road</div>		DES				150	0	150													LOCAL	
		CON							780	624	156										STP FLEXIBLE	
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																					

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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)	
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	DES				500	0	500													LOCAL
	CON													3,786	2,600	1,186				STP FLEXIBLE
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.																				
MC33. Waiohonu Bridge Replacement (Hana Highway - Route 360) SysPres	DES	50	0	50																LOCAL
	CON	4,100	2,800	1,300																BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC34. Waipuilani Bikepath Enhance	DES	300	0	300																STP ENHANCEMENT
	CON										1,664	1,331	333							
Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.																				
MC51. Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab. SysPres	CON							1,440	1,152	288										STP FLEXIBLE
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.																				
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation, SysPres	DES				100	0	100													STP FLEXIBLE
	CON							3,000	2,400	600										
Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.																				
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest	DES				110	8	102													STP FLEXIBLE
	CON							720	576	144										
Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL		28,650	21,890	6,760	11,830	5,736	6,094	21,994	16,536	5,458	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
MC37. Rural Transportation Program	OPR	844	675	169	1,510	600	910	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
Transit																				
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
Transit	CON	375	300	75																
Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.																				
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
Transit																				
Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																				
MC49. State of Good Repair	EQP/OPR				2,225	1,780	445													FTA SECTION 5309 Bus & Bus
Transit																				Facilities Discretionary (SGR)
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.																				
MAUI : COUNTY OF MAUI - FTA TOTAL		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	



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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)
FUNDING CATEGORY SUMMARY - MAUI																			
IM (Interstate Maintenance)			0			0			0			0			0			0	
NHS (National Highway System)			400			2,700			31,408			4,291			0			5,408	
BRIDGE OFF-SYSTEM			6,160			0			5,552			7,166			240			3,195	
BRIDGE ON/OFF SYSTEM			0			5,408			1,847			0			3,435			4,320	
STP ENHANCEMENT			250			0			0			2,531			0			0	
STP FLEXIBLE			24,648			5,296			14,645			6,777			22,508			4,281	
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0	
EQUITY BONUS			0			0			0			0			0			0	
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0	
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0	
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359	
EARMARK - HIGH PRIORITY			0			0			0			0			0			0	
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0	
EARMARK - SECTION 112			0			0			0			0			0			0	
EARMARK - SECTION 115			0			0			0			0			0			0	
EARMARK - SECTION 117			3,968			80			2,200			0			0			0	
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0	
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0	
HSIP- Highway Safety Improvement Program			450			360			3,940			0			0			0	
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0	
			0			0			0			0			0			0	
H-3 DISCRETIONARY			0			0			0			0			0			0	
FTA TRANSFER FUNDS			0			0			0			0			0			0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0	
	SUBTOTAL		38,267			14,203			59,951			21,124			26,542			17,563	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			(80)			(2,200)			0			0			0	
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0	
			0			0			0			0			0			0	
REGULAR FORMULA AUTHORITY	TOTAL		32,267			14,123			57,751			21,124			26,542			17,563	

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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	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	(No SMP project on Kauai were federalized. 201 2 Kauai SMP projects were funded with all State funds)
SysPres																				
Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																
Kaunualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kipu Rd to Huleia Bridge																				
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: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a> . Qualified and priority SMP projects could receive federal funds should they become available																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai	DES	100	80	20															STP FLEXIBLE	
Safety	CON				0	0	0	625	500	125									(defer and inflate)	
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS26. Kapaa Roundabout Beautification	CON				22	17	5												STP ENHANCEMENT	
Enhance																				
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road	DES				1,007	806	201												BRIDGE ON/OFF SYSTEM	
SysPres	PREROW							110	88	22										
Improvements and Nawiliwili Bridge Replacement	ROW										787	630	157							
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation	DES										530	424	106						BRIDGE ON/OFF SYSTEM	
SysPres	ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.																				
KS27. Kaunualii Highway (Route 50), Bridge Rehabilitation	DES							1,000	800	200									BRIDGE ON/OFF SYSTEM	
SysPres																				
Hanapepe Bridge																				
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation	ROW							104	83	21									BRIDGE ON/OFF SYSTEM	
SysPres	CON													7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.																				
KS6. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON																18,400	14,720	3,680	
Modern																			STP FLEXIBLE	
Phase IB																				
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.																				
KS9. Kaunualii Highway (Route 50) Safety Improvements in the Vicinity of	CON				0	0	0	1,040	832	208									HSIP	
Safety																			(defer and inflate)	
Kahili Mountain Park Road to Hanapepe Lookout																				
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.																				
KS11. Kuhio Highway (Route 56), Bridge Replacement	ROW							759	607	152									BRIDGE ON/OFF SYSTEM	
SysPres	CON													10,500	8,400	2,100				
Kapaia Bridge																				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. <span>SysPres</span> Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM	
	PREROW				112	90	22														
	ROW							562	450	112											
	CON												8,500	6,800	1,700						
	<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS16. <span>Modern</span> Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS	
	DES										5,000	4,000	1,000								
	PREROW													100	80	20					
<i>Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.</i>																					
KS17. <span>Safety</span> Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON				0	0	0	1,250	1,000	250										HSIP - HRRR (defer and inflate)	
<i>Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arklings and signing.</i>																					
KS19. <span>Congest</span> Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N)	CON							416	374	42										HSIP	
<i>Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effeciency.</i>																					
KS20. <span>Safety</span> Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements 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 Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																					
KS22. <span>Safety</span> Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.</i>																					
KS23. <span>Enhance</span> National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																					
KS28. <span>SysPres</span> Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	8,000	2,000													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.</i>																					
KS24. <span>Modern</span> Puhi-Hanamaulu, Alternate Route	PLN																4,325	3,460	865	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$90,000,000 -- Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu.</i>																					
KAUAI : STATE - FHWA TOTAL			10,196	8,157	2,039	20,424	10,739	9,685	19,320	5,897	13,423	21,631	7,705	13,926	39,449	21,959	17,490	36,039	19,231	16,808	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF KAUAI - FHWA</b>																				
KC1. Enhance	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES CON				0	0	0	1,080	1,080	0				7,280	7,280	0			STP ENHANCEMENT (defer and inflate)
<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. SysPres	Bridge Inspection and Appraisal	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. SysPres	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement	DES CON	75	60	15				800	640	160									BRIDGE OFF-SYSTEM
<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. Safety	Hardy Street (Route 572) Improvements	DES/CON				7,000	5,600	1,400												STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,680,000 -- Safety imprvmnts including reconstr. &amp; widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets &amp; culvert extension, replacement &amp; upgrades, revising street parking, utility adjustment, traffic sign &amp; striping, landscaping, other roadway imprvmnts. The project begins at Kuhio Hwy. &amp; ends at the Rice St. - 0.7 mi.</i>																				
KC5. SysPres	Kamalu Bridge (Route 581) Erosion Protection Repairs	DES CON				20	16	4												BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.</i>																				
KC6. SysPres	Kamalu Road (Route 581) Bridge Replacement	PLN DES													400	320	80			BRIDGE OFF-SYSTEM
<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. SysPres	Kapahi Bridge Replacement	CON				0	0	0							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. Safety	Koloa Road Safety Guardrail and Safety Improvements	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. Enhance	Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES											300	300	0					STP ENHANCEMENT
<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. Enhance	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C & D																			STP ENHANCEMENT
<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 Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy&amp; 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. Modern	Maluhia Road (Route 520) Improvements	DES ROW CON													1,200	960	240			STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumualii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.</i>																				

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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)	
KC10.	Nawiliwili to Ahukini Bike/Pedestrian Path																			STP ENHANCEMENT  (defer and inflate)	
Enhance	(Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				
	Phase A	DES				0	0	0	810	810	0										
		ROW				0	0	0	208	208	0										
	Phase B	DES							1,000	1,000	0										
	Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																				
KC11.	Northerly Leg of the Western Bypass Road	DES	2,000	1,600	400															STP FLEXIBLE	
Modern	(Ala Kalanikaumaka (Route 522))																				
	Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																				
KC13.	Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	CON							1,217	973	244									STP FLEXIBLE	
SysPres																					
	Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunuaalii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.																				
KC14.	Puuopae Bridge Replacement	CON										5,000	4,000	1,000						BRIDGE OFF-SYSTEM	
SysPres																					
	Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																				
KC15.	Resurfacing of Hanapepe Rd (Rte 545),	DES	160	128	32															STP FLEXIBLE	
SysPres	Including Road Pavement Repairs as Necessary																				
	Estimated Total Project Cost - \$1,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			9,210	8,723	487	8,517	6,891	1,626	6,000	5,731	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
KC17. Rural Transportation Program	OPR	717	574	143	1,125	600	525	760	608	152	781	625	156	803	642	161	824	659	165	FTA SECTION 5311
Transit	EQP	127	101	26	130	104	26	134	107	27	138	110	28	141	113	28	145	116	29	FTA SECTION 5311
Estimated Total Project Cost - \$5,400,000 -- Operate public transit system.																				
KC21. State of Good Repair	EQP/OPR				2,376	1,900	476													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit																				
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.																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			5,200			0			0			0			80			0		
BRIDGE OFF-SYSTEM			160			906			100			4,000			4,800			0		
BRIDGE ON/OFF SYSTEM			0			2,471			2,860			1,054			21,548			0		
STP ENHANCEMENT			6,700			402			4,658			7,580			0			0		
STP FLEXIBLE			4,434			13,600			1,553			800			1,040			18,980		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			0			2,206			0			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		16,880			17,630			11,628			19,285			27,719			19,231		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		16,880			17,630			11,628			13,685			27,719			19,231		

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<b>FTA SUMMARY</b>																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,997	1,691	306	
OAHU, STATE		319	255	64	260	130	130	0	0	0	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		90,447	37,630	52,817	281,090	126,140	154,950	1,612,897	500,024	1,112,873	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	
FTA TOTAL		101,688	46,701	54,987	317,865	154,181	163,684	1,617,403	503,714	1,113,689	1,076,236	287,944	788,292	833,895	240,426	593,469	574,157	280,916	293,241	



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<b><u>FHWA SUMMARY</u></b>																				
<b>STATEWIDE</b>		<b>41,705</b>	<b>10,430</b>	<b>31,275</b>	<b>42,710</b>	<b>11,174</b>	<b>31,536</b>	<b>49,060</b>	<b>16,454</b>	<b>32,606</b>	<b>46,031</b>	<b>14,031</b>	<b>32,000</b>	<b>46,007</b>	<b>14,012</b>	<b>31,995</b>	<b>46,789</b>	<b>14,637</b>	<b>32,152</b>	
Oahu - State		50,344	41,066	9,278	58,238	40,283	17,955	212,002	59,681	152,321	121,806	64,482	57,324	115,124	111,763	3,361	175,795	147,066	28,729	
City and County of Honolulu		39,056	15,329	23,727	26,208	16,705	9,503	29,952	17,519	12,433	72,642	14,393	58,249	55,178	38,447	16,731	84,067	64,756	19,311	
<b>ISLAND OF OAHU</b>		<b>89,400</b>	<b>56,395</b>	<b>33,005</b>	<b>84,446</b>	<b>56,988</b>	<b>27,458</b>	<b>241,954</b>	<b>77,200</b>	<b>164,754</b>	<b>194,448</b>	<b>78,875</b>	<b>115,573</b>	<b>170,302</b>	<b>150,210</b>	<b>20,092</b>	<b>259,862</b>	<b>211,822</b>	<b>48,040</b>	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	140,050	97,047	43,003	65,910	48,697	17,213	56,944	46,355	10,589	27,344	7,555	19,789	
County of Hawaii		13,660	10,928	2,732	15,240	5,512	9,728	16,530	19,904	(3,374)	12,380	9,904	2,476	24,250	19,400	4,850	5,500	4,400	1,100	
<b>ISLAND OF HAWAII</b>		<b>39,548</b>	<b>32,728</b>	<b>6,820</b>	<b>143,415</b>	<b>116,452</b>	<b>26,963</b>	<b>156,580</b>	<b>116,951</b>	<b>39,629</b>	<b>78,290</b>	<b>58,601</b>	<b>19,689</b>	<b>81,194</b>	<b>65,755</b>	<b>15,439</b>	<b>32,844</b>	<b>11,955</b>	<b>20,889</b>	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	39,671	45,215	(5,544)	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	11,830	5,736	6,094	21,994	16,536	5,458	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	
<b>ISLAND OF MAUI</b>		<b>49,121</b>	<b>38,267</b>	<b>10,854</b>	<b>59,639</b>	<b>14,523</b>	<b>45,116</b>	<b>61,665</b>	<b>61,751</b>	<b>(86)</b>	<b>48,496</b>	<b>21,124</b>	<b>27,372</b>	<b>54,904</b>	<b>26,542</b>	<b>28,362</b>	<b>42,454</b>	<b>17,563</b>	<b>24,891</b>	
Kauai - State		10,196	8,157	2,039	20,424	10,739	9,685	19,320	5,897	13,423	21,631	7,705	13,926	39,449	21,959	17,490	36,039	19,231	16,808	
County of Kauai		9,210	8,723	487	8,517	6,891	1,626	6,000	5,731	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	
<b>ISLAND OF KAUAI</b>		<b>19,406</b>	<b>16,880</b>	<b>2,526</b>	<b>28,941</b>	<b>17,630</b>	<b>11,311</b>	<b>25,320</b>	<b>11,628</b>	<b>13,692</b>	<b>34,211</b>	<b>19,285</b>	<b>14,926</b>	<b>46,649</b>	<b>27,719</b>	<b>18,930</b>	<b>36,039</b>	<b>19,231</b>	<b>16,808</b>	
<b>FHWA TOTAL</b>		<b>239,180</b>	<b>154,700</b>	<b>84,480</b>	<b>359,151</b>	<b>216,767</b>	<b>142,384</b>	<b>534,579</b>	<b>283,984</b>	<b>250,595</b>	<b>401,476</b>	<b>191,916</b>	<b>209,560</b>	<b>399,056</b>	<b>284,238</b>	<b>114,818</b>	<b>417,988</b>	<b>275,208</b>	<b>142,780</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			20,385			47,300		
NHS (National Highway System)			18,531			15,846			93,127			45,936			65,695			48,483		
BRIDGE OFF-SYSTEM			11,120			1,706			8,262			13,246			5,920			4,555		
BRIDGE ON/OFF SYSTEM			6,650			41,442			14,033			20,504			65,331			49,180		
STP ENHANCEMENT			8,950			7,202			5,238			12,031			6,680			4,320		
STP FLEXIBLE			91,639			77,963			61,518			52,401			97,631			113,774		
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			20,800			70,000			27,465			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			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			13,016			14,790			2,821			400			400		
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			476			0			0			0			0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		154,700			207,247			282,184			191,916			284,238			275,208		
LESS FTA TRANSFER FUNDS			(11,000)			(47,356)			(81,500)			(32,465)			(20,000)			(5,000)		
REGULAR FORMULA AUTHORITY	TOTAL		143,700			159,891			200,684			159,451			264,238			270,208		