

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :**REVISION #8 (Administrative Modification)**
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: September 6, 2012

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FHWA																					
S1. Enhance	Bikeway Improvements at Various Locations, Statewide	DES									300	240	60				300	240	60	STP FLEXIBLE	
		ROW									50	40	10			50	40	10			
		CON												2,000	1,600	400					
<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. SysPres	Bridge Inspection and Appraisal	PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																					
S3. Human	Construction Career Days Workforce Development Program	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program</i>																					
S4. SysPres	Highway Research and Development Program	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program</i>																					
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	HSIP
S6. SysPres	Highway Shoreline Protection, Statewide	DES															500	400	100	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																					
S7. SysPres	Hawaii Statewide ITS Architectural Plan	PLN				1,000	800	200												STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).</i>																					
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations	DES							200	160	40				200	160	40			STP FLEXIBLE	
		CON										2,000	1,600	400		2,000	1,600	400			
S9. Modern	Public Lands Highways Discretionary Projects	DES/CON	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	PUBLIC LANDS DISCRETIONARY
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																					
S10. Safety	Safe Routes to School (SR2S) Program																			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>																					
S11. Enhance	SNIPP - Statewide Noxious Invasive Pest Program	OPR				2,180	1,744	436	3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	3,409	2,727	682	STP FLEXIBLE
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																					

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S13.	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
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															
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																					STP FLEXIBLE
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.																					BRIDGE ON/OFF SYSTEM
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										
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																					STP FLEXIBLE
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	
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					STP FLEXIBLE
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																
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: http://hawaii.gov/dot/highways/STIP/STIP.html . 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 Pilina Way in Kaneohe.																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW										551	441	110							BRIDGE ON/OFF SYSTEM
SysPres Ulehawa Stream Bridge																				
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON																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				
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.																				

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OS10. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES							1,900	1,520	380							10,000	8,000	2,000	INTERSTATE MAINTENANCE
	CON																			
	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, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A	DES												2,000	1,600	400				INTERSTATE MAINTENANCE	
	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, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES	4,000	3,200	800																NHS
	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 Congest	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
	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
	DES												250	200	50				INTERSTATE MAINTENANCE	
	CON															3,000	2,400	600		
	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 SysPres Upgrade/Replacement, Phase I																				NHS
	CON				4,500	3,600	900													
	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, SysPres Kapalama Canal (Halona Street Bridge)	DES	775	620	155																BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																				
OS88. Interstate Route H-1, Corridor Study Modern	PLN				2,500	2,000	500													NHS
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, Modern Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	ROW							10,800	8,640	2,160										NHS
	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, Modern Ward Avenue (Route 7511) On-Ramp to University Interchange	DES										920	828	92							INTERSTATE MAINTENANCE
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, Safety Kapiolani Interchange to Ainakoa Avenue	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
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, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
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, SysPres Kaimakani OP to Gulick Avenue Phase 1	CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE
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. Modern 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. SysPres 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. Congest 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. SysPres 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. Modern 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. Modern 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. Safety 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. SysPres 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)				
OS84. Enhance 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. SysPres 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. Safety 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. Safety 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. SysPres 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. SysPres 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. SysPres 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. SysPres 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							
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							946	757	189										
<i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM
	ROW										1,125	865	260							
	CON																17,300	13,840	3,460	
<i>Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																				
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)				
<i>Estimated Total Project Cost - \$11,500,000 - replace the existing bridge</i>																				
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
<i>Estimated Total Project Cost - \$4,300,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
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				
<i>Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>																				
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON							1,528	1,375	153										HSIP
<i>Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																				
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							
<i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.</i>																				
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
<i>Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																				
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140																NHS
<i>Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>																				
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140																NHS
<i>Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																				
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										6,750	5,400	1,350							NHS
<i>Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>																				
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248				NHS
<i>Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																				
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
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.</i>																				

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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. Enhance 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. Safety 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. SysPres 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. SysPres 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. SysPres 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. SysPres 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. Congest 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. Enhance 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. Modern 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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OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70													FTA SECTION 5316 (JARC) Small Urban
<i>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.</i>																				
OS86 New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60													FTA SECTION 5317 (New Freedom) Small Urban
<i>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.</i>																				
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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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - 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	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	
			CON	5,200	0	5,200															STP FLEXIBLE	
	Urban Core 4: Kunehi Street to Kamaaha Ave																					
			CON	3,388	0	3,388															LOCAL	
			CON	7,813	7,813	0															STP FLEXIBLE	
	Urban Core 5: Kamaaha Ave to Kamokila Blvd																					
			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									22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE	
OC8. Salt Lake Blvd (7311) Route Widening Modern	Maluna Street to Ala Liliko'i Street																					
			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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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Improvements at Various Locations <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																			
		DES				1		0	1												LOCAL
		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
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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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																					
OC13. Agency Provided Trips Human																					
	OPR											202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb
	OPR	230	115	115	422	190	232	426	191	235	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb	
Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																					
OC14. Bus and Handi-Van Acquisition Program Transit																					
	EQP							22,168	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 (decr -- all costs federalized)	
	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) (defer, decr)	
	HHCTCP				164,300	55,000	109,300													FTA \$5309 NS (2011) (defer)	
	HHCTCP							659,970	200,000	459,970										FTA \$5309 NS (2012) (revise)	
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013) (revise)	
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.																					
(Correct typo in project description)																					
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 (x\$1000)	FFY2011 (x\$1000)	FFY2011 (x\$1000)	FFY2012 (x\$1000)	FFY2012 (x\$1000)	FFY2012 (x\$1000)	FFY2013 (x\$1000)	FFY2013 (x\$1000)	FFY2013 (x\$1000)	FFY2014 (x\$1000)	FFY2014 (x\$1000)	FFY2014 (x\$1000)	FFY2015 (x\$1000)	FFY2015 (x\$1000)	FFY2015 (x\$1000)	FFY2016 (x\$1000)	FFY2016 (x\$1000)	FFY2016 (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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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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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)				
HAWAII : STATE - FHWA																					
HS1. Modern	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON												7,570	6,056	1,514				STP FLEXIBLE	
Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																					
HS2. Enhance	Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	DES									260	208	52							STP FLEXIBLE	
Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																					
HS42. SysPres	Bridge and Pavement Improvement Program, Hawaii	CON				9,500	5,000	4,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch		CON	5,000	4,000	1,000																
Hakalau Bridge Footing Repairs (RTE 19)		DES	400	320	80																
Kohala Mtn Road (Route 250) PPM		CON	3,200	2,560	640																
Waiaka Jnc. Toward Hawi MP 2.54 to 6.44																					
Route 190 Resurfacing		CON	5,100	4,080	1,020																
Makalei to Palani Jnc., MP 27.63 to 35.3																					
Volcano Road (Route11) PPM		CON	3,600	2,880	720																
Inbound Lanes of Keaau Bypass to Panaewa Bridge																					
Estimated Total Project Cost - \$92,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) unding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.html . Qualified and priority SMP projects could receive federal funds should they become available																					
HS3. SysPres	Crater Rim Road (NPS)	CON				7,500	7,500	0												FED. LANDS HWY	
Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																					
HS4. Safety	Guardrail and Shoulder Improvements, Various Locations	DES CON										1,000	800	200				1,400	0	1,400	STP FLEXIBLE
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																					
HS5. SysPres	Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	CON				36,200	28,960	7,240												BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																					
HS6. SysPres	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	DES PREROW ROW				1,160 200	928 160	232 40				1,090	872	218						BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																					
HS40. Safety	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	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. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	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. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON										1,456	1,165	291						NHS	
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					
HS10. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge	CON	1,514	1,211	303															NHS	
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaumoali Bridge.																					
HS11. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON														1,500	1,200	300		NHS	
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha 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)	
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Safety Waipunahina Bridge to East Paaulo Bridge	DES				112	90	22													NHS
	CON													1,660	1,328	332				
	Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																			
HS13. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Safety Phase I (Laupahoehoe Gulch)	CON							35,000	12,000	23,000										NHS
	ADVCON										0	5,000	(5,000)	0	11,000	(11,000)				
	Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																			
HS14. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Safety Phase II (Maulua Gulch)	DES							624	499	125										NHS
	Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.																			
HS38. Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Safety Vic. of Laupahoehoe Gulch to Kaawaili Gulch	CON				2,000	1,800	200													HSIP NHS
	CON				7,000	5,600	1,400													
	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																			
HS16. Hilo Bayfront Highway (Route 19), Shoreline Protection SysPres	DES				1,000	800	200													STP FLEXIBLE
	PREROW				115	92	23													
	CON													3,500	2,800	700				
Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																				
HS18. Kawaihae Road Bypass, Modern Waimea to Kawaihae, Phase 1 (First 5 miles)	DES							3,250	2,600	650										NHS
	PREROW							100	80	20										
	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.																			
HS19. Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches SysPres	DES				1,144	915	229													BRIDGE ON/OFF SYSTEM
	PREROW				50	40	10													
	ROW										2,080	1,664	416							
	CON													10,400	8,320	2,080				
	Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiakea Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.																			
HS20. Keaau-Pahoa Road (Route 130) Improvements, Modern Keaau to Pahoa	DES				3,000	2,400	600													STP FLEXIBLE
	PREROW							100	80	20										
	ROW										1,800	1,440	360							
Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																				
HS39. Keaau-Pahoa Road (Route 130) Intersection Improvements at Safety Old Government Road	CON							2,080	1,872	208										HSIP
	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.																			
HS22. Keaau-Pahoa Road (Route 130), Intersection Improvements at Safety Paradise Drive, Orchardland Drive, and Ainaloa Blvd	CON	2,500	2,250	250																HSIP
	Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.																			
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Modern Phase 1: Keaau Bypass to Shower Drive	CON				21,500	17,200	4,300													STP FLEXIBLE HSIP
	CON				1,820	1,456	364													
	Phase 2: Shower Drive Intersection Improvements	CON										1,600	1,280	320						STP FLEXIBLE HSIP
		CON										500	450	50						
	Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.																			
HS24. Kealahke Parkway Extension (Route 197), Modern Keanalehu Drive to Kealakaa Street	DES										790	632	158							STP FLEXIBLE
	PREROW										50	40	10							
	ROW													1,080	864	216				
Estimated Total Project Cost - \$7,000,000 -- Extension of Kealahke Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																				
HS25. Kuakini Highway (Route 11) Bicycle Improvements, Enhance King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104							STP FLEXIBLE
	Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																			
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON															2,700	2,160	540		STP FLEXIBLE
	Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																			

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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)							
HS29. SysPres 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. Safety 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. Enhance National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)							
	<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																										
HS32. Modern Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770)	PREROW							50	40	10										STP FLEXIBLE EARMARK-HIGH PRIORITY (HI025) STP FLEXIBLE							
	ROW										1,000	800	200														
	ROW											5,100	4,080	1,020													
<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>																											STP FLEXIBLE
HS33. Modern 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														
	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>																											HSIP
HS34. Congest Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	ROW							168	134	34																	
	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>																											NHS
HS35. Modern Queen Kaahumanu Highway (Route 19) Widening Keahole Airport to Kawaihae Harbor	PLN																4,870	3,896	974								
<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>																											STP FLEXIBLE
HS36. Modern Saddle Road Extension	DES										9,000	7,200	1,800														
<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>																											TIGER 3 FUNDS EARMARK - HIGH PRIORITY/STP FLEXIBLE
HS37. Modern SADDLE ROAD (Route 200) IMPROVEMENTS	CON				13,500	13,500	0																				
	ROW	4,000	4,000	0																							
	CON							50,000	50,000	0																	
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE							
	CON				20,000	20,000	0																				
	CON							20,000	20,000	0																	
	CON										20,000	20,000	0														
	CON													15,000	15,000	0											
	CON																										
<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	126,175	106,740	19,435	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	FFY2011 (x\$1000)	FFY2011 FEDERAL (x\$1000)	FFY2011 LOCAL (x\$1000)	FFY2012 (x\$1000)	FFY2012 FEDERAL (x\$1000)	FFY2012 LOCAL (x\$1000)	FFY2013 (x\$1000)	FFY2013 FEDERAL (x\$1000)	FFY2013 LOCAL (x\$1000)	FFY2014 (x\$1000)	FFY2014 FEDERAL (x\$1000)	FFY2014 LOCAL (x\$1000)	FFY2015 (x\$1000)	FFY2015 FEDERAL (x\$1000)	FFY2015 LOCAL (x\$1000)	FFY2016 (x\$1000)	FFY2016 FEDERAL (x\$1000)	FFY2016 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, Enhance From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	DES							54	44	10										STP ENHANCEMENT
		ROW							520	416	104										
		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) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1	PLN				520	416	104													STP FLEXIBLE
		DES				520	416	104													
		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, SysPres Wailoa Bridge to Ponahawai Street	CON										16,000	6,800	9,200							STP FLEXIBLE
		ADVCON													0	6,000	(6,000)				
	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) & Congest Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2	DES																			STP FLEXIBLE
		CON													17,470	13,976	3,494				
	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, Modern Hualalai Road (Route 1880) to Alii Highway	CON										7,280	5,824	1,456							STP FLEXIBLE
	Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																				
HC11.	Mamalahoa Highway (Route 19) Widening Modern (Mudlane to North Hawaii Community Hospital)	PLN				10	8	2													NHS
		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 SysPres Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																STP FLEXIBLE
		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 SysPres	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	1,680	1,344	336	15,450	12,360	3,090	28,380	16,704	11,676	24,250	25,400	(1,150)	5,500	4,400	1,100	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																				
HC13. 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.																				
HC14. 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
Transit																				
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
HC16. State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus
Transit	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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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			26,740			14,843			34,000			29,736			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			108,084			109,407			65,401			71,755			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			67,084			39,407			44,601			56,755			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				12,000	4,000	8,000	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	CON	3,360	2,688	672																
Access Road to Olowalu																				
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	CON	2,500	2,000	500																
Lower Kula Road to Kekauliki Avenue																				
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: http://hawaii.gov/dot/highways/STIP/STIP.html . 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 Preservation 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)	ROW										119	95	24							NHS
Modern to Vicinity of Airport Access Road	CON																6,760	5,408	1,352	
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW							808	647	161										BRIDGE ON/OFF SYSTEM
SysPres Honolua Bridge	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,	DES										2,000	1,600	400							NHS
Modern Hokiokio Place to Relocated Southern Terminus																				
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	CON				218	196	22													HSIP
Safety at Kaanapali Parkway and Halelo Street																				
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,	CON							3,050	2,745	305										HSIP
Safety Vicinity of Kapoli Street to Papalaua Beach Park																				
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, Modem 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) Modem	CON ADVCON				25,000	13,600	11,400	0	6,400	(6,400)										NHS
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, Modem 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 Modem at Ohukai Road	CON				1,456	1,165	291													NHS
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) Modem 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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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	45,883	24,728	21,155	37,929	20,761	17,168	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FTA																				
MS24. Lahaina Small Boat Harbor and Ferry Pier	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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1 SysPres Makawao Ave to Haliimaile Road	CON							1,600	1,280	320										STP FLEXIBLE
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) SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																IM / NHS / STP FLEXIBLE 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 SysPres	PLN							300	240	60					300	240	60			BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, SysPres Haleakala Highway to Baldwin Avenue	CON	2,100	1,680	420																STP FLEXIBLE HSIP-HRRR
	CON	500	450	50																
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC42. Haliimaile Road (Route 371) Resurfacing & Safety Improvements, SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				2,100	1,680	420													STP FLEXIBLE HSIP-HRRR
	CON				400	360	40													
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5. Hansen Road Pavement Reconstruction, SysPres Hana Highway to Puunene Avenue	DES				500	0	500													LOCAL
	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, SysPres Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9)	DES				700	0	700													LOCAL
	CON				4,500	3,600	900													STP FLEXIBLE
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC43. Kahananui Bridge Replacement SysPres (Lower Honoapiilani Road - RTE 3080)	DES				200	0	200													LOCAL
	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. Kahawaikapia Bridge Replacement (Hana Highway - Route 360) SysPres	CON							4,264	2,912	1,352										BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. Kahekili Highway (Route 3405) Resurfacing, SysPres North Market Street to Waiehu Beach Road	CON	4,000	3,200	800																STP FLEXIBLE
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38. Kaholopoo Bridge Replacement (Route 360) SysPres	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10. Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street Congest	DES				250	0	250													LOCAL
	CON				500	400	100													STP FLEXIBLE
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC11. Kaupakalua Road (Route 365) Resurfacing, SysPres Hana Highway to Makawao Avenue	CON																4,621	3,697	924	STP FLEXIBLE
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) SysPres	DES				100	0	100													LOCAL
	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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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
MC14. SysPres	Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100)	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. SysPres	Lahaina Watershed Flood Control Project, Phase 2	CON	3,968	3,968	0																EARMARK (Section 117)			
		CON	2,032	2,032	0																NRCS			
		Phase 3A	DES				80	80	0													EARMARK (Section 117) (add DES)		
		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. SysPres	Lelekeka Bridge Replacement (Hana Highway - Route 360)	DES				500	0	500											3,994	3,195	799	LOCAL		
		CON																			BRIDGE OFF-SYSTEM			
		Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																						
MC17. Congest	Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910)	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.	Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road	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.																								
MC21. SysPres	Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School	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.	Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	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.																								
MC25. Congest	Mill Street (Route 3840) Traffic Signal at Imi Kala Street	DES							200	0	200										LOCAL			
		ROW																			LOCAL			
		CON											500	0	500					730	584	146	STP FLEXIBLE	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																								
MC44. SysPres	Papa Avenue (RTE 3910) Pavement Rehabilitation, Puunene Avenue to Kaahumanu Avenue	DES							250	0	250										STP FLEXIBLE			
		CON													4,925	3,500	1,425							
		Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																						
MC27. Congest	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	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. SysPres	Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street	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.																						
MC45. SysPres	South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE			
		CON				2,000	1,600	400																
		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.																						
MC46. Congest	South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue	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. Congest	Waiale Road (Route 3180) Traffic Signals at Waiinu Road	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	14,330	7,736	6,594	19,394	14,456	4,938	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	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)			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 - MAUI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			400			14,765			8,936			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			11,296			12,565			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			556			3,758			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			32,464			35,217			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			32,384			33,017			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. SysPres	Bridge and Pavement Improvement Program, Kauai	CON			7,000	2,000	5,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
	Kapule Hwy (Route 51) Resurfacing (UTW) Ahukini Road to Kuhio Hwy	CON	6,500	5,200	1,300															
	Kaumualii Hwy (Route 50) Resurfacing Kipu Rd to Huleia Bridge	CON	2,200	1,760	440															
Estimated Total Project Cost - \$63,700,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.htm/ . Qualified and priority SMP projects could receive federal funds should they become available																				
KS1. Safety	Guardrail and Shoulder Improvements on State Highways, Kauai																		STP FLEXIBLE	
	Part 1	DES	100	80	20															
		CON				600	480	120												
	Part 2	DES							100	80	20									
		CON										1,000	800	200						
	Part 3	DES																		
		CON													100	80	20			
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS26. Enhance	Kapaa Roundabout Beautification	CON			22	17	5												STP ENHANCEMENT	
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																				
KS2. SysPres	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES			1,007	806	201												BRIDGE ON/OFF SYSTEM	
		PREROW						110	88	22										
		ROW									787	630	157							
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																				
KS4. SysPres	Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	DES									530	424	106						BRIDGE ON/OFF SYSTEM	
		ROW												65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																				
KS27. SysPres	Kaumualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	DES						1,000	800	200									BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																				
KS5. SysPres	Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW							104	83	21								BRIDGE ON/OFF SYSTEM	
		CON												7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																				
KS6. Modern	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON															18,400	14,720	3,680	
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS9. Safety	Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout	CON			1,000	800	200												HSIP	
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. SysPres	Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW						759	607	152									BRIDGE ON/OFF SYSTEM	
		CON												10,500	8,400	2,100				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM	
	PREROW				112	90	22														
	ROW							562	450	112											
	CON												8,500	6,800	1,700						
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																					
KS16. Kuhio Highway (Route 56) Improvements, Modern Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS	
	DES										5,000	4,000	1,000								
	PREROW													100	80	20					
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																					
KS17. Kuhio Highway (Route 560) Safety Improvements Safety Hanalei Bridge to Waikoko Bridge	CON				1,200	960	240													HSIP - HRRR	
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.																					
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) Congest	CON							416	374	42										HSIP	
Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effeciency.																					
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM	
	ROW												520	416	104						
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.																					
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements Safety MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE	
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																					
KS23. National Recreational Trails Program - Kauai (DLNR) Enhance	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
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.																					
KS28. Nawiliwili Road (RTE 58) Improvements, SysPres Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	8,000	2,000													STP FLEXIBLE	
Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.																					
KS24. Puhi-Hanamaulu, Alternate Route Modern	PLN															4,325	3,460	865		STP FLEXIBLE	
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.																					
KAUAI : STATE - FHWA TOTAL			10,196	8,157	2,039	23,224	14,979	8,245	16,405	3,565	12,840	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)	
COUNTY OF KAUAI - FHWA																					
KC1. Ahukini To Lydgate Park Bike/Pedestrian Path Enhance (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES					1,040	1,040	0													
	CON											7,280	7,280	0							
Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																					
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES		125	100	25					125	100	25									
Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.																					
KC3. Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement SysPres	DES		75	60	15																
	CON					800	640	160													
Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																					
KC4. Hardy Street (Route 572) Improvements Safety	DES/CON					7,000	5,600	1,400													
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.																					
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	DES					20	16	4													
	CON					312	250	62													
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																					
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN																				
	DES														400	320	80				
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																					
KC7. Kapahi Bridge Replacement SysPres	CON					0	0	0							5,600	4,480	1,120				
Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																					
KC20. Koloa Road Safety Guardrail and Safety Improvements Safety	DES		150	135	15																
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																					
KC8. Kuna Bay to Anahola Bike/Pedestrian Path Enhance (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES											300	300	0							
Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.																					
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path Enhance (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C & D																					
	CON		6,700	6,700	0																
	PLN					21	21	0													
	DES					104	104	0													
	ROW					260	260	0													
	CON								1,560	1,560	0										
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboys continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																					
KC18. Maluhia Road (Route 520) Improvements Modern	DES														1,200	960	240				
	ROW																				
	CON																				
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunuaalii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Enhance	Nawiliwili to Ahukini Bike/Pedestrian Path																			STP ENHANCEMENT	
	(Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				
	Phase A	DES				780	780	0													
		ROW				200	200	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. Modern	Northerly Leg of the Western Bypass Road	DES	2,000	1,600	400															STP FLEXIBLE	
	(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. SysPres	Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	CON							1,217	973	244									STP FLEXIBLE	
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.																					
KC14. SysPres	Puuopae Bridge Replacement	CON										5,000	4,000	1,000						BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																					
KC15. SysPres	Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary	DES	160	128	32															STP FLEXIBLE	
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	10,537	8,911	1,626	3,902	3,633	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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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TURQUOISE = TRANSIT

PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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			2,422			2,560			7,580			0			0		
STP FLEXIBLE			4,434			16,080			1,053			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			1,760			374			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			23,890			7,198			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			23,890			7,198			13,685			27,719			19,231		

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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)	
FTA SUMMARY																				
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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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)	
<u>FHWA SUMMARY</u>																				
STATEWIDE		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	
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	
ISLAND OF OAHU		89,400	56,395	33,005	84,446	56,988	27,458	241,954	77,200	164,754	194,448	78,875	115,573	170,302	150,210	20,092	259,862	211,822	48,040	
Hawaii - State		25,888	21,800	4,088	126,175	106,740	19,435	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	1,680	1,344	336	15,450	12,360	3,090	28,380	16,704	11,676	24,250	25,400	(1,150)	5,500	4,400	1,100	
ISLAND OF HAWAII		39,548	32,728	6,820	127,855	108,084	19,771	155,500	109,407	46,093	94,290	65,401	28,889	81,194	71,755	9,439	32,844	11,955	20,889	
Maui - State		20,471	16,377	4,094	45,883	24,728	21,155	37,929	20,761	17,168	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	14,330	7,736	6,594	19,394	14,456	4,938	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	
ISLAND OF MAUI		49,121	38,267	10,854	60,213	32,464	27,749	57,323	35,217	22,106	48,496	21,124	27,372	54,904	26,542	28,362	42,454	17,563	24,891	
Kauai - State		10,196	8,157	2,039	23,224	14,979	8,245	16,405	3,565	12,840	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	10,537	8,911	1,626	3,902	3,633	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	
ISLAND OF KAUAI		19,406	16,880	2,526	33,761	23,890	9,871	20,307	7,198	13,109	34,211	19,285	14,926	46,649	27,719	18,930	36,039	19,231	16,808	
FHWA TOTAL		239,180	154,700	84,480	348,985	232,600	116,385	524,144	245,476	278,668	417,476	198,716	218,760	399,056	290,238	108,818	417,988	275,208	142,780	

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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 - ENTIRE STIP																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			20,385			47,300		
NHS (National Highway System)			18,531			27,911			70,655			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			9,222			3,140			12,031			6,680			4,320		
STP FLEXIBLE			91,639			87,275			51,394			59,201			103,631			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			14,972			12,776			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			232,600			245,476			198,716			290,238			275,208		
LESS FTA TRANSFER FUNDS			(11,000)			(47,356)			(81,500)			(32,465)			(20,000)			(5,000)		
REGULAR FORMULA AUTHORITY	TOTAL		143,700			185,244			163,976			166,251			270,238			270,208		