

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #4 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: January 3, 2012

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>STATEWIDE - FHWA</b>																					
S1. <span>Enhance</span> 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. <span>SysPres</span> 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. <span>Human</span> 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. <span>SysPres</span> 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. <span>Safety</span> Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES		500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	HSIP
<i>Estimated Total Project Cost - \$3,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
S6. <span>SysPres</span> 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. <span>SysPres</span> Hawaii Statewide ITS Architectural Plan	PLN					1,000	800	200													STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architechure Plan for Non-Metro areas of the State (neighbor islands).</i>																					
S8. <span>Enhance</span> Pedestrian Facilities and ADA Compliance at Various Locations	DES					200	160	40				200	160	40				200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																					
S9. <span>Modern</span> 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. <span>Safety</span> Safe Routes to School (SR2S) Program	Pln/Des		300	300	0				300	300	0				300	300	0				SAFE ROUTES TO SCHOOL
	Pn/Ds/Co					700	700	0				700	700	0				700	700	0	
	<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. <span>Enhance</span> 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>																					
S12. <span>Enhance</span> Statewide Countown Pedestrian Signal Head Upgrade, Phase 2	CON					3,500	2,800	700													STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,000,000 -- Implement pedestrian signal head upgrade with countdown head.</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.																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON							3,500	2,800	700										
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
S18.	Van Pool Program	CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	CMAQ (DELETE project) (Will not be federal aid)
Congest																					
Estimated Total Project Cost - \$1,200,000 -- Van Pool program funding, statewide																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	47,110	14,834	32,276	48,360	15,754	32,606	43,931	12,291	31,640	47,107	14,752	32,355	44,689	12,897	31,792	

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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																				(estimate increased)
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																				(estimate increased)
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																				(estimate increased)
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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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			2,400			2,400		2,400		2,400		2,400		
STP ENHANCEMENT			0			0			0			0		0		0		0		
STP FLEXIBLE			2,330			6,334			7,654			3,791		6,652		4,397				
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			700			300			700		300		700				
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			14,834			15,754			12,291		14,752		12,897				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)		(5,000)		(5,000)				
LESS FTA TRANSFER FUNDS			0			0			0			0		0		0				
			0			0			0			0		0		0				
REGULAR FORMULA AUTHORITY	TOTAL		5,430			9,834			10,754			7,291		9,752		7,897				

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OAHU : STATE - FHWA																					
OS87. Bridge and Pavement Improvement Program, Oahu	CON				20,700	0	20,700	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)																					
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				0	0	0				551	441	110							BRIDGE ON/OFF SYSTEM (Defer, inflate ROW. Waiting on EA)	
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				1,000	800	200							0	0	0				BRIDGE ON/OFF SYSTEM (Advance to 2012)	
SysPres Makaha Bridges #3 & #3A	CON				15,000	12,000	3,000							0	0	0					
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 (no advance construction)_ HSIP EARMARK - HIGH PRIORITY (tri-funded)	
Safety at Haleakala Avenue (Route 8743)	ADVCON							0	0	0											
	CON				4,500	4,050	450														
	CON				1,000	800	200														
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 STP FLEXIBLE (dual funded)	
Safety at Nanakuli Avenue (Route 8744)	CON				3,000	2,400	600														
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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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)	
OS10. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B <div>Conquest</div> <div>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.</div>	DES							1,900	1,520	380							10,000	8,000	2,000	INTERSTATE MAINTENANCE
	CON																			
OS11. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A <div>Conquest</div> <div>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.</div>	DES												2,000	1,600	400				INTERSTATE MAINTENANCE	
OS12. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager <div>Conquest</div> <div>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.</div>	DES	4,000	3,200	800																NHS
OS13. Freeway Service Patrol <div>Conquest</div> <div>Estimated Total Project Cost - \$16,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes &amp; other incidents, assisting sick or injured motorists with basic first aid, &amp; notifying 911 of incidents.</div>	CON	2,000	1,800	200	2,000	1,800	200	4,000	3,600	400	0	0	0	2,000	1,800	200	2,000	1,800	200	NHS (Incr FY13 to cover 2 yr contract)
OS14. Guardrail and Shoulder Improvements, Various Locations <div>Safety</div> <div>Phase 1 - Various locations on Interstate Route H-1</div> <div>Phase 2</div> <div>Phase 3</div> <div>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.</div>	CON							2,100	1,890	210										HSIP
	DES													250	200	50				INTERSTATE MAINTENANCE
	CON																3,000	2,400	600	
	DES																250	200	50	
OS15. Interstate Routes H-1, and H-2, and H-201 Destination Sign Upgrade/Replacement, Phase I <div>SysPres</div> <div>Phase II</div> <div>Estimated Total Project Cost - \$6,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1 and H-2.</div>																				NHS (Add Route H-201 to title)
	CON				2,808	2,246	562													
	CON																2,704	2,434	270	
OS16. Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, (Halona Street Bridge) <div>SysPres</div> <div>Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.</div>	DES	775	620	155																BRIDGE ON/OFF SYSTEM
OS88. Interstate Route H-1, Corridor Study <div>Modern</div> <div>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.</div>	PLN				2,500	2,000	500													NHS (NEW PROJECT)
OS17. Interstate Route H-1, Eastbound Improvements, Vicinity of Ola Lane to Vineyard Blvd Off-Ramp <div>Modern</div> <div>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.</div>	ROW							10,800	8,640	2,160										NHS
	DES/CON							101,000	26,800	74,200										
	ADVCON										0	20,000	(20,000)	0	34,000	(34,000)				
OS18. Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange <div>Modern</div> <div>Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.</div>	DES										920	828	92							INTERSTATE MAINTENANCE
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue <div>Safety</div> <div>Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</div>	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
OS20. Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516) <div>Safety</div> <div>Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</div>	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
OS21. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue Phase 1 <div>SysPres</div> <div>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</div>	CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE

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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)		
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-(Phases 2 and 3 combined into one, called Phase 2)			CON						0	0	0										NHS
				CON						0	0	0										INTERSTATE MAINT. DISCR
				DES													560	448	112			NHS
	Phase 4 3			ROW													224	179	45			NHS
				DES													540	432	108			NHS
	Phase 5 4			ROW													216	172	44			NHS
Estimated Total Project Cost - \$60,000,000 -- Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 4 and 5 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																43,250	38,925	4,325	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													16,850	13,480	3,370			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 (Incr CON estimate)	
			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.																						
OS31. SysPres	Interstate Route H-3, Seismic Retrofit, Mokapu Blvd Interchange		CON																0	0	0	BRIDGE ON/OFF SYSTEM (Project obligated in 2010) (DELETE PROJECT)
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																						

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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)	
OS84. <span>Enhance</span> Kalanianaʻole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	CON										250	200	50							EARMARK-HIGH PRIORITY	
	CON										2,400	1,920	480							STP ENHANCEMENT	
	<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																				
OS33. <span>SysPres</span> Kalanianaʻole Highway (Route 72), Bridge Replacement Inaoale Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	10,816	2,704							NHS	
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS35. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS	
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS37. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM	
	<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW				182	146	36													BRIDGE ON/OFF SYSTEM	
	CON										8,600	6,880	1,720							(cost estimate increased)	
	<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie</i>																				
OS40. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM	
	ROW				0	0	0				270	216	54							(Split ROW into PREROW in FY13 and acquisition in 14) ( DES ongoing)	
	<i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards</i>																				
OS41. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Rehabilitation Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM	
	ROW				0	0	0	260	208	52										(Defer, inflate ROW. DES ongoing)	
	<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				0	0	0	52	42	10										BRIDGE ON/OFF SYSTEM (Defer, inflate PREROW) (Waiting for bridge inventory)
	ROW										600	480	120							
Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							946	757	189										
Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM EARMARK-HIGH PRIORITY BRIDGE ON/OFF SYSTEM (Add PREROW. Defer,inflate ROW) (Negotiating scope with consultant)
	ROW				0	0	0				1,125	865	260							
	CON															17,300	13,840	3,460		
Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa																				
OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM (RE-INCLUDE project) (use Advance Construction)
	ROW							520	416	104										
	CON										10,816	653	10,163							
Estimated Total Project Cost - \$11,500,000 - replace the existing bridge																				
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM (Add PREROW. Defer, inflate ROW)
	ROW				0	0	0	260	208	52										
Estimated Total Project Cost - \$4,300,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards																				
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52	PREROW				50	40	10													NHS
	ROW							450	360	90										
	CON												9,500	7,600	1,900					
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																				
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON				0	0	0	1,528	1,375	153										HSIP (Defer, incr CON. Working on environmental permits)
Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road	DES	200	180	20																HSIP
	CON										1,000	900	100							
Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.																				
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON				0	0	0	1,702	1,533	169										HSIP (Defer, inflate CON. Working on environmental permits)
Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140																NHS
Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.																				
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140																NHS
Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																				
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										6,750	5,400	1,350							NHS
Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																				
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248				NHS
Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.																				
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station	ROW				0	0	0													STP ENHANCEMENT (Delete ROW. Previously obligated)
	CON				8,500	6,800	1,700													
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS70. Enhance	Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road	DES	2,500	2,000	500																STP ENHANCEMENT	
		PREROW								100	80	20										
		ROW														2,750	2,200	550				
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Lualualei Naval Road.																						
OS71. Safety	Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON													6,000	4,800	1,200				NHS	
Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																						
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	
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).																						
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	
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).																						
OS74. SysPres	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.																						
OS75. SysPres	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.																						
OS89. Congest	Nimitz Highway (Rte 92) and Honolulu Harbor Pier 19 Intersection Improvements	DES				529	476	53													FERRY BOAT DISCRETIONARY (NEW PROJECT)	
Estimated Total Project Cost - \$700,000 -- Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19.																						
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)	
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.																						
OS80. Congest	Vanpool Program, Oahu	OPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	CMAQ	
		OPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Estimated Total Project Cost - \$26,100,000 -- Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.																						
OS81. Modern	Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center	DES	0	0	0	50	0	50													LOCAL (Defer) LOCAL (Awaiting use of earmark)	
		CON	0	0	0	12,000	0	12,000														
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																						
OAHU : STATE - FHWA TOTAL				50,344	41,066	9,278	84,878	42,955	41,923	199,177	73,446	125,731	104,501	73,638	30,863	131,974	119,243	12,731	178,270	118,291	59,979	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70													FTA SECTION 5316 (JARC) Small Urban (show funding for 2012)
Human	Estimated Total Project Cost - \$315,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																			
OS86 New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60													FTA SECTION 5317 (New Freedom) Small Urban (show funding for 2012)
Human	Estimated Total Project Cost - \$264,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																			
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	0	0	0	0	0	0	0	0	0	0	0	0	

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CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transit Center Multi-Use Path	CON	210	0	210																STP FLEXIBLE
Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																				
OC2. Alapai Transportation Management Center																				
Architectural/Engineering Consultant	DES				1,000	0	1,000													LOCAL
Architectural/Engineering Consultant	DES	4,500	4,400	100																STP FLEXIBLE
Management Center Building	CON							17,000	8,320	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: The City's Emergency Op Center will be relocated to the JTMC. This will enhance agency cooperation and coordination during emergency responses.																				
OC3. Bicycle Projects																				
Kalaheo Avenue	ROW	1	0	1																LOCAL
	PLN	1	0	1																LOCAL
	DES	0	0	0																STP FLEXIBLE
	CON	2106	1556	550																STP FLEXIBLE
Kealaolu Ave Shoulder Improvements																				
	DES				1	0	1													STP FLEXIBLE
	CON				500	400	100													STP FLEXIBLE (decr estimate)
Thomas Square/Civic Center Bike Path Improvements	CON				500	400	100													STP FLEXIBLE (decr estimate)
Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex																				
Pearl City Bike Lane Improvements	ROW							1	0	1										LOCAL
	PLN							1	0	1										LOCAL
	DES	58	0	58				0	0	0										STP FLEXIBLE
	CON							300	240	60										STP FLEXIBLE
Hamakua Drive Bike Improvements	DES	90	0	90																STP FLEXIBLE
	CON							400	320	80										STP FLEXIBLE
Mokuola St/Awalau St. Bike Improvements	DES							200	160	40										STP FLEXIBLE
	CON										600	480	120							STP FLEXIBLE
18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements	ROW										1	0	1							LOCAL
	PLN										1	0	1							LOCAL
	DES										400	320	80							STP FLEXIBLE
	CON													1600	1280	320				STP FLEXIBLE
Haleiwa/Waialua Bike Improvements	ROW													1	0	1	1	0	1	LOCAL
	PLN													1	0	1	1	0	1	LOCAL
	DES													400	320	80	0	0	0	STP FLEXIBLE
	CON																1400	1120	280	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
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.																				
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	EQP				1	0	1													LOCAL
	CON				3,220	3,220	0													STP FLEXIBLE
Phase 15: Mililani Town & Expand Fiber to Wahiawa - Part 2	EQP							1	0	1										STP FLEXIBLE
	DES	250	200	50																STP FLEXIBLE
	CON							3,180	2,400	780										STP FLEXIBLE
Phase 16: Wahiawa Town Area	EQP										1	0	1							LOCAL
	DES				375	300	75													STP FLEXIBLE
Phase 17: Makakilo Area & Extend fiber towards Nanakuli	EQP													1	0	1				LOCAL
	DES							375	300	75										STP FLEXIBLE
	CON													4,050	3,220	830				STP FLEXIBLE
Phase 18: Undetermined at this time	EQP																1	0	1	LOCAL
	DES										380	304	76							STP FLEXIBLE
	CON																4,050	3,220	830	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.																				

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OC6. Kapolei Parkway (Route 8920) Congest	DES	1	0	1																LOCAL
	Urban Core 4: Kunehi Street to Kamaaha Ave	CON	5,200	0	5,200															STP FLEXIBLE
	Urban Core 5: Kamaaha Ave to Kamokila Blvd	CON	3,388	0	3,388															LOCAL
		CON	7,813	7,813	0															STP FLEXIBLE
	Urban Core 4A: Kamaaha Intersection	CON				773	0	773												LOCAL
		CON				3,164	3,164	0												STP FLEXIBLE (incr estimate)
	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																			
OC8. Salt Lake Blvd (7311) Route Widening Modern	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
	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				0	0	0										600	480	120	BRIDGE OFF-SYSTEM (delete DES)
	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.																			(NEW project)
OC10. Traffic Improvements at Various Locations Safety	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
	Waia kamilo and Dillingham Intersection	DES				1	0	1												LOCAL
		CON				1,821	1,457	364												STP FLEXIBLE
	Improve the intersection at Dillingham Blvd and Waia kamilo Street, by adding left turn lanes on Waia kamilo 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 Waia kamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																			
OC26. Traffic Signal Optimization Congest	Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90												(NEW project)
																				STP FLEXIBLE
	Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waiatae/Kahala, Kaneohe/Kahala, and Pali/Waimanalo	DES				1,020	816	204												STP FLEXIBLE
	Estimated Total Project Cost - \$1,470,000 -- Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.																			

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OC11. <span>Congest</span> Traffic Signals at Various Locations Phase 13 - University area, Harding Ave/4th Ave, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St  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 - 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, Aaloa Rd flasher, Waipahu St/Honowai ST, and Kapahulu Ave/Lemon Rd  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/Kawaihao St, Makaloa St/Sheridan St, and Kinau St/Victoria St  Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihao St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal). Phase 16  Phase 17  Phase 18  Phase 19  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 & coordinatio	CON				3,270	2,625	645													STP FLEXIBLE LOCAL	
	EQP	1	0	1																	
	PLN	1	0	1																	LOCAL
	DES	350	280	70																	STP FLEXIBLE
	CON				3,917	3,220	697														STP FLEXIBLE (decr estimate)
	EQP				1	0	1														LOCAL
	PLN																				LOCAL
	DES				330	280	50														STP FLEXIBLE (decr estimate)
	CON							3,846	3,220	626											STP FLEXIBLE
	EQP							1	0	1											LOCAL
	PLN																				LOCAL
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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 <span>Human</span>																					
	OPR				0	0	0	0	0	0	202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb (delete FY12-13)	
	OPR	230	115	115	380	190	190	383	191	192	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb (revise estimates)	
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 <span>Transit</span>																					
	EQP	9,984	7,987	1,997	16,752	12,564	4,188	22,168	3,000	19,168										FTA \$5307/\$5340 (revise estimate)	
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II	
	EQP	0	0	0	14,040	12,000	2,040													FTA \$5309 SOGR (rev est & fund cat)	
	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 (revise estimate)	
	EQP				0	0	0	0	0	0	16,207	0	16,207	16,490	0	16,490	17,016	0	17,016	LOCAL (revise estimate)	
	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 (revise estimate)	
	Estimated Total Project Cost - \$135,631,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost																				
	FFY 2011: 35<30' vehicles + 13 -40' buses + 10>40' buses + 8-45' buses																				
	FFY 2012: 30<30' vehicles + 65 -40' buses + 8>40' buses																				
	FFY 2013: 25 <30' vehicles + 47 -40' buses + 9-60' 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 <span>Transit</span> (HHCTCP)	HHCTCP	485,000	80,000	405,000	626,970	200,000	426,970	993,800	250,000	743,800	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS	
	HHCTCP				0	0	0	123,200	31,000	92,200	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340	
	HHCTCP				94,030	0	94,030													LOCAL (de-federalize)	
	Estimated Total Project Cost - \$5,163,495,000 -- Design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																				
a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																					
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																					
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOE\$000).																					
d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																					
OC16. Local Shuttle Service <span>Human</span>																					
	EQP				0	0	0	65	52	13	0	0	0	0	0	0	0	0	0	FTA \$5316 JARC Urb (rev estimate, change phase)	
	OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb (rev estimate, change fund cat)	
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 (Oct 1, 10 - Sep 30, 11) (x\$1000)	LOCAL (x\$1000)	FFY2012 (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) (x\$1000)	LOCAL (x\$1000)	FFY2013 (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) (x\$1000)	LOCAL (x\$1000)	FFY2014 (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) (x\$1000)	LOCAL (x\$1000)	FFY2015 (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) (x\$1000)	LOCAL (x\$1000)	FFY2016 (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OC17. Middle Street Intermodal Center Transit	PLN							0	0	0	0	0	0				1	0	1	LOCAL (defer from FY13 to FY16)
	DES	300	0	300	0	0	0	0	0	0	0	0	0	2,500	0	2,500	200	0	200	LOCAL (defer from FY12 to FY15)
	CON				0	0	0	0	0	0	0	0	0	1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC (defer from 12 to 15)
	EQP							0	0	0	0	0	0				1	0	1	LOCAL (defer from FY13 to FY16)
	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 (revise est)
	OPR	100	80	20	54	43	11	54	43	11							62	49	13	FTA \$5317 NF-Urb (revise est)
	EQP				0	0	0	0	0	0	12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb (delete 12 & 13)
	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	45,584	27,161	18,423	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 (revise estimate)
	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.																			
OC20. Transfer to FHWA for Vanpool Congest	OPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5307/\$5340 (Fed aid no longer available)
	Estimated Total Project Cost - \$12,403,000 -- Transfer FTA funds to FHWA for HDOT's Vanpool program.																			
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 (add funds FY12-16)
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL (add funds FY12-16)
	CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL (new phase)
	EQP	455	365	90	754	364	390	413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340 (add funds FY12-16)
	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				0	0	0	200	0	200	1	0	1	1	0	1	1	0	1	LOCAL (revise estimate)
	ROW				0	0	0	1	0	1	1,000	0	1,000	1	0	1	1	0	1	LOCAL (revise estimate)
	DES				0	0	0	1	0	1	50	0	50	8,000	0	8,000	1	0	1	LOCAL (revise estimate)
	CON										0	0	0	1	0	1	21,500	17,200	4,300	FTA \$5309 BC (revise estimate)
	RELOC										0	0	0	1	0	1	1	0	1	LOCAL (revise estimate)
	EQP							0	0	0	1,000	0	1,000							LOCAL (revise estimate)
	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				0	0	0	1	0	1	1	0	1	1	0	1				LOCAL (revise estimate)
	ROW				0	0	0	1	0	1	1	0	1	1	0	1				LOCAL (revise estimate)
	DES				0	0	0	175	0	175	200	0	200	200	0	200				LOCAL (revise estimate)
	CON							0	0	0	3,000	0	3,000							LOCAL (revise estimate)
	INSP							1	0	1	150	0	150							LOCAL (revise estimate)
	EQP							0	0	0	1	0	1	1	0	1				LOCAL (revise estimate)
	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		550,570	123,143	427,427	799,231	248,555	550,676	1,188,578	287,096	901,482	1,071,598	284,146	787,452	829,124	236,520	592,604	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			33,865			49,525		
NHS (National Highway System)			11,720			6,086			59,230			50,480			54,423			6,979		
BRIDGE OFF-SYSTEM			720			720			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			13,186			1,791			8,670			20,980			42,460		
STP ENHANCEMENT			2,000			6,800			80			1,920			2,200			0		
STP FLEXIBLE			35,659			27,169			16,200			12,000			47,968			83,368		
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			66,044			90,446			87,638			160,523			183,899		
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			64,768			86,146			86,573			160,523			183,899		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HAWAII : STATE - FHWA																				
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch Modern	CON													7,570	6,056	1,514				STP FLEXIBLE
	Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																			
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road Enhance	DES										260	208	52							STP FLEXIBLE
	Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																			
HS42. Bridge and Pavement Improvement Program, Hawaii SysPres	CON				9,500	0	9,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
	CON	5,000	4,000	1,000																
	DES	400	320	80																
	CON	3,200	2,560	640																
	CON	5,100	4,080	1,020																
	CON	3,600	2,880	720																
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)																				
HS3. Crater Rim Road (NPS) SysPres	CON	0	0	0	7,500	7,500	0													FED. LANDS HWY (Defer to 2012)
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																			
HS4. Guardrail and Shoulder Improvements, Various Locations Safety	DES										1,000	800	200							STP FLEXIBLE
	CON																1,400	0	1,400	
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge SysPres	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM (Incr estimate)
	Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																			
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge SysPres	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													(update DES estimate, add PREROW)
	ROW										1,090	872	218							
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge Safety	CON							4,325	3,460	865										BRIDGE ON/OFF SYSTEM
	Estimated Total Project Cost - \$4,400,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.																			
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge Safety	CON				0	0	0	1,638	1,310	328										NHS (Defer, inflate. Need to re-scope)
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																			
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge Safety	CON							0	0	0	1,456	1,165	291							NHS (Defer, inflate. Need to re-scope)
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																			
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge Safety	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. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge Safety	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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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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							1,660	1,328	332			NHS							
	CON																									
	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	14,000	21,000									NHS							
	ADVCON										0	14,000	(14,000)						(Incr estimate) (use advance construction)							
	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				600	480	120												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 430 19) Safety Improvements & Resurfacing Safety Vic. of Laupahoehoe Gulch to Kaawaili Gulch	CON	0	0	0	2,000	1,800	200												HSIP (Dual fund)							
	CON				7,000	5,600	1,400												STP FLEXIBLE (Defer tp 2012) (Corrected Route #. Expand project limits, working on topography data, incr estimate)							
	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							
	ROW				115	92	23												(Federalize DES and ROW to leverage State funds)							
	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	0	0	0				3,250	2,600	650									NHS							
	PREROW							100	80	20									(Defer, inflate DES to 2013) (Working on EIS)							
	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				2,000	1,800	200												HSIP							
																		(No consultant yet and need to do traffic study)								
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	0	0	0	21,500	17,200	4,300												STP FLEXIBLE (Defer, inflate CON)							
	CON	0	0	0	1,820	1,456	364												HSIP (Working on ROW)							
	CON										2,100	1,680	420						STP FLEXIBLE							
	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 Kealahkaa 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.																									
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES													810	648	162			BRIDGE ON/OFF SYSTEM							
	Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																									

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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)	
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON							5,841	4,673	1,168										STP FLEXIBLE
Safety																				
Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																				
HS31. 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)
Enhance																				
Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																				
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1	PREROW							50	40	10										STP FLEXIBLE
Modem	ROW										1,000	800	200							EARMARK-HIGH PRIORITY (HI025)
	ROW										5,100	4,080	1,020							STP FLEXIBLE
Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																				
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940),	DES										1,600	1,280	320							STP FLEXIBLE
Modem	PREROW													50	40	10				
Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																				
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements	ROW				162	146	16													HSIP
Congest	CON							1,144	1,030	114										
Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																				
HS35. Queen Kaahumanu Highway (Route 19) Widening	PLN																4,870	3,896	974	NHS
Modem																				
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.																				
HS36. Saddle Road Extension	DES										9,000	7,200	1,800							STP FLEXIBLE
Modem																				
Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																				
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS	CON				13,500	13,500	0													TIGER 3 FUNDS
Modem	ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE
	CON							50,000	50,000	0										
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE
	CON				20,000	20,000	0													
	CON							20,000	20,000	0										
	CON										20,000	20,000	0							
	CON													15,000	15,000	0				
	CON																			
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																				
HAWAII : STATE - FHWA TOTAL		25,888	21,800	4,088	128,937	104,166	24,771	138,322	97,572	40,750	64,720	56,576	8,144	56,944	35,355	21,589	27,344	7,555	19,789	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FHWA																					
HC1.	Alii Drive (Route 186) Culvert Replacement	CON							10,400	8,320	2,080										STP FLEXIBLE
	Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																				
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay,	DES	0	0	0	52	42	10													STP ENHANCEMENT
	Enhance From Hualalai Road (Route 1880) to Walua Road (Route 187)	ROW				500	400	100													(Defer, inflate. Working on permits)
	Phase 1	CON													5,600	4,480	1,120				
	Phase 2	DES							50	40	10										
		CON																5,400	4,320	1,080	
	Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																				
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185)																				STP FLEXIBLE
	Modem to Queen Kaahumanu Hwy (Route 19)	PLN	0	0	0	520	416	104													
	Phase 1 - Part 1	DES	0	0	0	520	416	104													(Defer, inflate. Working on EIS & permits)
		CON				2,080	1,664	416													
	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				0	0	0	2,163	1,730	433										BRIDGE OFF-SYSTEM
	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																				(Defer, inflate. Working on re-DES & permits)
HC7.	Kaiminani (Route 198) Roadway Improvements	DES	10	8	2																STP FLEXIBLE
	SysPres Mamalahoa Highway (Route 190) to Vicinity of Ahiahi Street	CON	8,500	6,800	1,700																
	Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																				
HC8.	Kamehameha Avenue (Route 1910) Resurfacing,	CON							16,000	6,800	9,200										STP FLEXIBLE
	SysPres Wailoa Bridge to Ponahawai Street	ADVCON													0	6,000	(6,000)				(Incr estimate)
	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.																				(use advance construction)
HC9.	Kawailani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) &	DES	0	0	0																STP FLEXIBLE
	Congest Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	CON													17,470	13,976	3,494				(Delete DES. Previously obligated)
	Phase 2																				
	Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawailani/Iwalani and Kawailani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																				
HC10.	Kuakini Highway (Route 1100) Widening,	CON							7,280	5,824	1,456										STP FLEXIBLE
	Modem Hualalai Road (Route 1880) to Alii Highway																				
	Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																				
HC11.	Mamalahoa Highway (Route 19) Widening	PLN	0	0	0	10	8	2													STP FLEXIBLE
	Modem (Mudlane to North Hawaii Community Hospital)	DES				10	8	2													(Defer, inflate)
		ROW													1,080	864	216				(Was not obligated in FY11)
	Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																				
HC15.	Manono Street (Route 2770) Roadway Improvements	DES	50	40	10																STP FLEXIBLE
	SysPres Lanikaula Steet to Kekuanaoa Street	ROW	0	0	0	520	416	104													(Defer, inflate)
	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																				(Was not obligated in FY11)
HC12.	Reed's Island Bridge Rehabilitation	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			13,660	10,928	2,732	4,312	3,450	862	12,713	10,170	2,543	23,380	12,704	10,676	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. <span>Transit</span> Bus and Bus Facility	EQP/OPR	819	655	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA SECTION 5309 (Rural Bus Prgm) (Earmark funding discontinued)
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
HC14. <span>Transit</span> Rural Transportation Program	EQP/OPR	844	675	169	1,160	600	560	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311 (cost estimate increased)
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
HC16. <span>Transit</span> State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR) (cost estimate increased)
	EQP/OPR				2,750	2,200	550													
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			570			17,990			15,165			1,328			5,096		
BRIDGE OFF-SYSTEM			4,080			80			1,810			80			80			80		
BRIDGE ON/OFF SYSTEM			320			31,003			3,460			1,664			8,968			0		
STP ENHANCEMENT			0			442			40			0			4,480			4,320		
STP FLEXIBLE			24,568			28,928			13,113			30,400			27,800			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			3,746			1,030			0			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		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		32,728			106,068			107,742			68,408			57,955			11,955		
LESS FTA TRANSFER FUNDS			0			(41,000)			(70,000)			(20,800)			(15,000)			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,728			65,068			37,742			47,608			42,955			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	0	12,000	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)																						
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.																						
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON				0	0	0				1,500	1,200	300								STP ENHANCEMENT	
Enhance	Dairy Road (Route 380) to Naniloa Overpass																				(Defer to 2014. DES not begun yet.)	
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				110	88	22														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				0	0	0	808	647	161											BRIDGE ON/OFF SYSTEM	
SysPres	Honolua Bridge	CON														5,400	4,320	1,080			(Defer, inflate. Working on EA)	
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				0	0	0	3,050	2,745	305											HSIP	
Safety	Vicinity of Kapoli Street to Papalaua Beach Park																				(Defer to 2012. DES ongoing)	
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.																						
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements,	CON				3,000	2,400	600														NHS	
SysPres	Vicinity of Olowalu																				(Incr CON estimate, DES ongoing)	
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point																						

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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)	
MS34. Honoapiilani Highway (Route 30), Shoreline Protection SysPres at Launiupoko	CON				3,000	2,400	600													NHS
Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders																				
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, Modern Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES PREROW	500	400	100				50	40	10										NHS
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																				
MS11. Kahului Airport Access Road (Route 3800) Modern	ROW CON ADVCON	0	0	0	25,000	11,000	14,000				0	9,000	(9,000)							EARMARK - HIGH PRIORITY (HI028) NHS (Delete ROW. Previously obligated)
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				0	0	0	563	507	56										HSIP (Defer, inflate. Issue with overhead electric lines)
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				0	0	0	1,900	1,520	380										STP FLEXIBLE (Defer, decr. Working on EA)
Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline																				
MS14. National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program																				
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																				
MS16. Paia Bypass Road (Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES PREROW							3,245	2,596	649				100	80	20				STP FLEXIBLE
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																				
MS35. Piilani Highway, Traffic Operational Improvements Modern at Ohukai Road	CON	0	0	0	1,456	1,165	291													NHS (Defer to 2012, working on permits)
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.																				
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) Modern to Kuihelani Highway (Route 380)	PREROW ROW CON CON	0	0	0				32	25	7										STP FLEXIBLE (Defer PREROW to 2013. Project scope increased when three projects combined) STP FLEXIBLE STP FLEXIBLE HSIP
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue. 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 Makakupaia Stream Bridge	CON												4,293	3,435	858				BRIDGE ON/OFF SYSTEM	
	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	51,993	23,016	28,977	32,747	19,159	13,588	24,699	3,359	21,340	40,992	16,394	24,598	33,109	10,087	23,022	

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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)	
<b>MAUI : STATE - FTA</b>																				
MS24. Lahaina Small Boat Harbor and Ferry Pier <span>Transit</span>	DES	0	0	0	1,438	1,150	288													FTA SECTION 5309 (defer, inflate DES . CON cost incr.)
	CON				10,438	8,350	2,088													
	<i>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</i>																			
MS25. Improvements at Maalaea Small Boat Harbor, <span>Transit</span> Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
	<i>Estimated Total Project Cost - \$12,000,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.</i>																			
MS27. Kaunakakai Harbor Ferry System Improvements <span>Transit</span>	CON	500	400	100																FTA SECTION 5309
	<i>Estimated Total Project Cost - \$2,000,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.</i>																			
MS29. Manele Small Boat Harbor Ferry Pier <span>Transit</span>	DES	1,000	800	200																FTA SECTION 5309 (defer and inflate CON cost estimate)
	CON	0	0	0	5,625	4,500	1,125													
	<i>Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.</i>																			
<b>MAUI : STATE - FTA TOTAL</b>		<b>2,000</b>	<b>1,600</b>	<b>400</b>	<b>17,501</b>	<b>14,000</b>	<b>3,501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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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)				
COUNTY OF MAUI - FHWA																				
MC41. Bridge and Pavement Improvement Program, Maui (County)																				IM / NHS / STP FLEXIBLE
SysPres	Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600															Backup SMP project for 2011
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
MC3.	Bridge Inspection and Appraisal	PLN						300	240	60				300	240	60				BRIDGE OFF-SYSTEM
SysPres																				
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4.	Halimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420															STP FLEXIBLE
SysPres	Haleakala Highway to Baldwin Avenue	CON	500	450	50															HSIP-HRRR
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Halimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC42.	Halimaile Road (Route 371) Resurfacing & Safety Improvements,	CON				2,100	1,680	420												STP FLEXIBLE
SysPres	Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				400	360	40												HSIP-HRRR (NEW project, Part 2 of MC4)
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Halimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5.	Hansen Road Pavement Reconstruction,	DES				500	0	500												LOCAL
SysPres	Hana Highway to Puunene Avenue	ROW				200	0	200												LOCAL
		CON									3,525	2,500	1,025	0	0	0				STP FLEXIBLE (Advance, decr CON)
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction,	DES				700	0	700												LOCAL
SysPres	Wakea Avenue to Ani Street AND	CON				4,500	3,600	900						0	0	0				STP FLEXIBLE
	Kamehameha Avenue (Route 3940) Pavement Reconstruction,																			(Combine MC9 with MC6)
	Vicinity of Puunene Avenue to Hina Papa Avenue (MC9)																			(Adjusted limits)
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC43.	Kahananui Bridge Replacement	DES				200	0	200												LOCAL
SysPres	(Lower Honoapiilani Road - RTE 3080)	CON							3,400	2,400	1,000									BRIDGE OFF-SYSTEM (NEW project)
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				
MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON				0	0	0	4,264	2,912	1,352									BRIDGE OFF-SYSTEM (Defer, inflate. Working on permits)
SysPres																				
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8.	Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800															STP FLEXIBLE
SysPres	Mokuhaui Road North Market Street to Waiehu Beach Road																			
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38.	Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840															BRIDGE OFF-SYSTEM
SysPres																				
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC9.	Kamehameha Avenue (Route 3940) Pavement Reconstruction,	DES				0	0	0												LOCAL
SysPres	Vicinity of Puunene Avenue to Hina Avenue	CON												0	0	0				STP FLEXIBLE (DELETE project. Will be included in MC6)
Estimated Total Project Cost - \$3,700,000 -- 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.																				
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250												LOCAL
Congest		CON				1,250	1,000	250	0	0	0									STP FLEXIBLE (Advance CON)
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC11.	Kaupakalua Road (Route 365) Resurfacing,	CON				0	0	0									4,621	3,697	924	STP FLEXIBLE
SysPres	Hana Highway to Makawao Avenue																			(Defer, inflate. Major ROW acquisition)
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																				
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100												LOCAL
SysPres		CON							0	0	0	5,948	4,326	1,622						BRIDGE OFF-SYSTEM (Defer, inflate)
Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC14.	Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100)	DES	500	0	500															LOCAL
SysPres		ROW	200	0	200															LOCAL
		CON							3,400	2,400	1,000	0	0	0						BRIDGE OFF-SYSTEM (Advance the CON to 13)
Estimated Total Project Cost - \$4,900,000 -- 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)	
MC39. Lahaina Watershed Flood Control Project, Phase 2 SysPres	CON	3,968	3,968	0																EARMARK (Section 117)
	CON	2,032	2,032	0																NRCS
		Estimated Total Project Cost - \$6,600,000 -- 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.																		
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360) SysPres	DES				500	0	500							3,744	2,496	1,248				LOCAL BRIDGE OFF-SYSTEM
	CON																			
		Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																		
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Congest	CON				0	0	0				2,596	2,077	519							STP FLEXIBLE (Defer, inflate, DES ongoing) (Further analysis needed)
		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, SysPres	ROW				1,000	0	1,000													LOCAL
	CON							0	0	0				5,900	4,500	1,400				STP FLEXIBLE (Defer, decr)
		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. Makani Road (Route 3630) Resurfacing, SysPres	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 SysPres	ROW	1,000	0	1,000																LOCAL
	CON										1,250	1,000	250							STP FLEXIBLE (Decr estimate, downsized project)
		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. Mill Street (Route 3840) Traffic Signal at Imi Kala Street Congest	DES							200	0	200										LOCAL
	ROW										500	0	500							LOCAL
	CON																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. Papa Avenue (RTE 3910) Pavement Rehabilitation, SysPres	DES							250	0	250										STP FLEXIBLE
	CON										4,925	3,500	1,425							(NEW project)
		Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																		
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue Congest	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. Pukalani Street Pavement Reconstruction, SysPres	DES	200	0	200	0	0	0													LOCAL
	CON	500	400	100	0	0	0													STP FLEXIBLE (Advance to 2011)
		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. South Kihei Road (RTE 3100) Pavement Rehabilitation, SysPres	DES				150	0	150													STP FLEXIBLE
	CON				2,000	1,600	400													(NEW project)
		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. South Kihei Road (RTE 3100) Traffic Signal Modernization Congest	DES							100	0	100										LOCAL
	CON										875	700	175							STP FLEXIBLE (NEW project)
		Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.																		
MC31. Waiale Road (Route 3180) Traffic Signals at Waiinu Road Congest	DES				150	0	150													LOCAL
	CON							780	624	156				0	0	0				STP FLEXIBLE (Advance the CON to 13)
		Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																		
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	DES				500	0	500													LOCAL
	CON										0	0	0	3,786	2,600	1,186				STP FLEXIBLE (Defer, inflate, DES ongoing)
		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. Waiohono 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.																		

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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)	
MC34. Waipuilani Bikepath Enhance	DES	300	0	300																STP ENHANCEMENT
	CON							1,600	1,280	320				0	0	0				STP ENHANCEMENT (Advance the CON to 13)
		Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.																		
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation, SysPres Kaahumanu Avenue to Puunene Avenue	DES				100	0	100													STP FLEXIBLE
	CON							3,000	2,400	600										(NEW project)
		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				200	0	200													LOCAL
	CON										750	600	150							STP FLEXIBLE (Incr estimate)
		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	15,000	8,240	6,760	17,294	12,256	5,038	20,369	14,703	5,666	14,590	10,524	4,066	5,351	4,281	1,070	

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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 MAUI - FTA																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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																				(cost estimate increase)
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																				(New Project)
Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																				
MC49. State of Good Repair	EQP/OPR				2,225	1,780	445													FTA SECTION 5309 Bus & Bus
Transit																				Facilities Discretionary (SGR)
Estimated Total Project Cost - \$2,225,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				(New Project)
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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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			17,053			9,040			1,600			0			5,408		
BRIDGE OFF-SYSTEM			6,160			0			7,952			4,326			2,736			0		
BRIDGE ON/OFF SYSTEM			0			5,408			647			0			3,435			4,320		
STP ENHANCEMENT			250			0			1,280			1,200			0			0		
STP FLEXIBLE			24,648			6,280			8,885			10,577			19,908			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			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			450			556			3,252			0			480			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			29,656			31,415			18,062			26,918			14,368		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			0			0			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			29,656			31,415			18,062			26,918			14,368		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																
Ahukini Road to Kuhio Hwy																				
Kaumualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kipu Rd to Huleia Bridge																				
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 preservator.																				
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)																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai	DES	100	80	20																STP FLEXIBLE
Part 1	CON				1,000	800	200													
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES				757	606	151													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. Kaumualii Highway (Route 50), Bridge Rehabilitation	DES										530	424	106							BRIDGE ON/OFF SYSTEM
SysPres Bridge No. 7E	ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																				
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW				100	80	20													BRIDGE ON/OFF SYSTEM
SysPres Omao Bridge	CON													7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																				
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON																18,400	14,720	3,680	STP FLEXIBLE
Modern Phase IB																				
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. Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of	CON				3,600	3,240	360													HSIP
Safety Kahili Mountain Park Road to Hanapepe Lookout																				
Estimated Total Project Cost - \$4,000,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																				
KS11. Kuhio Highway (Route 56), Bridge Replacement	ROW				0	0	0	759	607	152										BRIDGE ON/OFF SYSTEM (Defer, inflate. Working on ROW maps. EA needed.)
SysPres Kapaia Bridge	CON				0	0	0							10,500	8,400	2,100				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. <span>SysPres</span> Kuhio Highway (Route 560), Bridge Replacements 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 -- Replace existing bridges.																					
KS16. <span>Modern</span> Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS	
	DES										5,000	4,000	1,000								
	PREROW													100	80	20					
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																					
KS17. <span>Safety</span> Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON				1,500	1,350	150													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. <span>Congest</span> Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N)	CON				0	0	0	416	374	42										HSIP (Defer, inflate. Need further design analysis)	
Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effeciency.																					
KS20. <span>Safety</span> Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM	
	ROW													520	416	104					
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. <span>Safety</span> Maalo Road (RTE 583), Guardrail and Shoulder Improvements 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. <span>Enhance</span> National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
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.																					
KS24. <span>Modern</span> Puhi-Hanamaulu, Alternate Route	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			1,496	1,197	299	9,352	7,992	1,360	3,301	2,682	619	9,631	7,705	1,926	27,449	21,959	5,490	24,039	19,231	4,808	

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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													STP ENHANCEMENT	
	CON											7,280	7,280	0								
Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																						
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES		125	100	25				125	100	25										BRIDGE OFF-SYSTEM	
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																BRIDGE OFF-SYSTEM (Defer, incr CON. DES ongoing)	
	CON		0	0	0	750	600	150														
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					4,680	3,744	936													STP FLEXIBLE	
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmnts 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	CON		0	0	0	312	250	62													BRIDGE OFF-SYSTEM (Defer, inflate. DES ongoing)	
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											0	0	0							BRIDGE OFF-SYSTEM (Delete PLN. Not needed)	
	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				BRIDGE OFF-SYSTEM (Defer, inflate. Recently procured DES consultant)	
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																HRRR (High Risk Rural Road)	
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																						
KC8. Kuna Bay to Anahola Bike/Pedestrian Path Enhance (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES											300	300	0							STP ENHANCEMENT	
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																					STP ENHANCEMENT	
	CON		6,700	6,700	0																	
	PLN		0	0	0	21	21	0														
	DES		0	0	0	104	104	0														
	ROW		0	0	0	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 Beachboy& continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																						
KC18. Maluhia Road (Route 520) Improvements Modern	ROW														80	64	16				STP FLEXIBLE	
	CON																	7,650	6,120	1,530		
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumuali Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																						

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Nawiiliwili to Ahukini Bike/Pedestrian Path																				STP ENHANCEMENT
Enhance (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				
Phase A	DES				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. Northerly Leg of the Western Bypass Road	DES	2,000	1,600	400																STP FLEXIBLE
Modern (Ala Kalanikaumaka (Route 522))																				
Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																				
KC13. Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	CON				0	0	0	1,217	973	244										STP FLEXIBLE (Defer, inflate, DES ongoing)
SysPres																				
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.																				
KC14. Puuopae Bridge Replacement	CON										5,000	4,000	1,000							BRIDGE OFF-SYSTEM
SysPres																				
Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																				
KC15. Resurfacing of Hanapepe Rd (Rte 545),	DES	160	128	32																STP FLEXIBLE
SysPres Including Road Pavement Repairs as Necessary																				
Estimated Total Project Cost - \$1,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		9,210	8,723	487	8,147	6,999	1,148	3,902	3,633	269	12,580	11,580	1,000	6,080	4,864	1,216	7,650	6,120	1,530	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA SECTION 5309 (Rural Bus Prgm)
Transit																				(Earmark funding discontinued)
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
Transit																				Facilities Discretionary (SGR)
Estimated Total Project Cost - \$2,376,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State																				
of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public																				
agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			5,200			0			0			0			80			0		
BRIDGE OFF-SYSTEM			160			850			100			4,000			4,800			0		
BRIDGE ON/OFF SYSTEM			0			2,351			1,977			1,054			21,548			0		
STP ENHANCEMENT			6,700			2,405			2,560			7,580			0			0		
STP FLEXIBLE			4,434			4,544			1,053			800			144			25,100		
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			4,590			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			14,991			6,315			19,285			26,823			25,351		
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			14,991			6,315			13,685			26,823			25,351		

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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		550,570	123,143	427,427	799,231	248,555	550,676	1,188,578	287,096	901,482	1,071,598	284,146	787,452	829,124	236,520	592,604	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	17,501	14,000	3,501	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		561,811	132,214	429,597	835,631	276,296	559,335	1,193,084	290,786	902,298	1,076,236	287,944	788,292	833,894	240,426	593,468	574,157	280,916	293,241	

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FHWA SUMMARY																				
STATEWIDE		41,705	10,430	31,275	47,110	14,834	32,276	48,360	15,754	32,606	43,931	12,291	31,640	47,107	14,752	32,355	44,689	12,897	31,792	
Oahu - State		50,344	41,066	9,278	84,878	42,955	41,923	199,177	73,446	125,731	104,501	73,638	30,863	131,974	119,243	12,731	178,270	118,291	59,979	
City and County of Honolulu		39,056	15,329	23,727	33,302	23,089	10,213	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532	
ISLAND OF OAHU		89,400	56,395	33,005	118,180	66,044	52,136	229,263	90,446	138,817	176,842	87,638	89,204	190,347	160,523	29,824	263,410	183,899	79,511	
Hawaii - State		25,888	21,800	4,088	128,937	104,166	24,771	138,322	97,572	40,750	64,720	56,576	8,144	56,944	35,355	21,589	27,344	7,555	19,789	
County of Hawaii		13,660	10,928	2,732	4,312	3,450	862	12,713	10,170	2,543	23,380	12,704	10,676	24,250	25,400	(1,150)	5,500	4,400	1,100	
ISLAND OF HAWAII		39,548	32,728	6,820	133,249	107,616	25,633	151,035	107,742	43,293	88,100	69,280	18,820	81,194	60,755	20,439	32,844	11,955	20,889	
Maui - State		20,471	16,377	4,094	51,993	23,016	28,977	32,747	19,159	13,588	24,699	3,359	21,340	40,992	16,394	24,598	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	15,000	8,240	6,760	17,294	12,256	5,038	20,369	14,703	5,666	14,590	10,524	4,066	5,351	4,281	1,070	
ISLAND OF MAUI		49,121	38,267	10,854	66,993	31,256	35,737	50,041	31,415	18,626	45,068	18,062	27,006	55,582	26,918	28,664	38,460	14,368	24,092	
Kauai - State		1,496	1,197	299	9,352	7,992	1,360	3,301	2,682	619	9,631	7,705	1,926	27,449	21,959	5,490	24,039	19,231	4,808	
County of Kauai		9,210	8,723	487	8,147	6,999	1,148	3,902	3,633	269	12,580	11,580	1,000	6,080	4,864	1,216	7,650	6,120	1,530	
ISLAND OF KAUAI		10,706	9,920	786	17,499	14,991	2,508	7,203	6,315	888	22,211	19,285	2,926	33,529	26,823	6,706	31,689	25,351	6,338	
FHWA TOTAL		230,480	147,740	82,740	383,031	234,741	148,290	485,902	251,672	234,230	376,152	206,556	169,596	407,759	289,771	117,988	411,092	248,470	162,622	

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FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			33,865			49,525		
NHS (National Highway System)			18,531			23,709			86,260			67,245			55,831			17,483		
BRIDGE OFF-SYSTEM			11,120			1,650			10,662			10,406			8,416			1,360		
BRIDGE ON/OFF SYSTEM			6,650			54,348			10,275			14,660			57,331			49,180		
STP ENHANCEMENT			8,950			9,647			3,960			10,700			6,680			4,320		
STP FLEXIBLE			91,639			73,347			46,905			57,568			105,272			119,306		
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			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			700			300			700			300			700		
HSIP- Highway Safety Improvement Program			5,314			19,748			11,294			1,300			880			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			233,141			251,672			206,556			289,771			248,470		
			(11,000)			(47,276)			(79,300)			(32,465)			(20,000)			(5,000)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			(13,500)			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		143,700			185,865			172,372			174,091			269,771			243,470		