

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #6 D R A F T
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: May 31, 2012

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

PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	detail in rev. explanation file	
STATEWIDE - FHWA																						
S1. Enhance	Bikeway Improvements at Various Locations, Statewide		DES									300	240	60				300	240	60	STP FLEXIBLE	
			ROW									50	40	10				50	40	10		
			CON												2,000	1,600	400					
Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.																						
S2. SysPres	Bridge Inspection and Appraisal		PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.																						
S3. Human	Construction Career Days Workforce Development Program		PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program																						
S4. SysPres	Highway Research and Development Program		PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program																						
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program		PLN/DES	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	HSIP
Estimated Total Project Cost - \$3,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																						
S6. SysPres	Highway Shoreline Protection, Statewide		DES															500	400	100	STP FLEXIBLE	
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																						
S7. SysPres	Hawaii Statewide ITS Architectural Plan		PLN				1,000	800	200												STP FLEXIBLE	
Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architechure Plan for Non-Metro areas of the State (neighbor islands).																						
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations		DES				0	0	0	200	160	40	0	0	0	200	160	40	0	0	0	STP FLEXIBLE (All funds shifted 1 year down)
			CON							0	0	0	2,000	1,600	400	0	0	0	2,000	1,600	400	
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.																						
S9. Modern	Public Lands Highways Discretionary Projects		DES/CON	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	PUBLIC LANDS DISCRETIONARY
Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.																						
S10. Safety	Safe Routes to School (SR2S) Program		Pln/Des	300	300	0				300	300	0	300	300	0	300	300	0	300	300	0	SAFE ROUTES TO SCHOOL (Program reestablished)
	Non-infrastructure																					
	Infrastructure		Pn/Ds/Co				0	0	0	700	700	0	700	700	0	700	700	0	700	700	0	
Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.																						
S11. Enhance	SNIPP - Statewide Noxious Invasive Pest Program		OPR				2,180	1,744	436	3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	3,409	2,727	682	STP FLEXIBLE
Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																						
S12. Enhance	Statewide Countown Pedestrian Signal Head Upgrade, Phase 2		CON				0	0	0												STP FLEXIBLE (DELETE project. Using all local funds)	
Estimated Total Project Cost - \$4,000,000 -- Implement pedestrian signal head upgrade with countdown head.																						

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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	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals</i>																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Kaunualii Hwy (Route 50) Maluhia Road to Mana		CON	1,500	1,200	300																STP FLEXIBLE
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
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	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																					
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM NEW project
SysPres																					
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.</i>																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON							3,500	2,800	700										
<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,710	11,174	31,536	49,060	16,454	32,606	46,031	14,031	32,000	46,007	14,012	31,995	46,789	14,637	32,152	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	107	107	0	111	111	0	115	115	0	119	119	0	FTA SECTION 5311 (b)(3)
Human																				
Estimated Total Project Cost - \$655,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	354	354	0	FTA SECTION 5311
Human																				
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	943	754	189	972	777	195	1,000	800	200	1,030	824	206	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$5,750,000 -- Transportation for Elderly ans Persons with Disabilities (Section 5310). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles.																				
S22. JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	200	160	40	206	165	41	213	170	43	219	175	44	FTA SECTION 5316 (JARC)
Human																				
Estimated Total Project Cost - \$1,220,000 -- Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	111	89	22	115	92	23	119	95	24	123	98	25	FTA SECTION 5317 (New Freedom)
Human																				
Estimated Total Project Cost - \$658,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S24. Statewide Planning	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
Transit																				
Estimated Total Project Cost - \$847,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		1,716	1,453	263	2,066	1,591	475	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,997	1,691	306	

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

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OAHU : STATE - FHWA																					
OS87. Bridge and Pavement Improvement Program, Oahu	CON				20,700	9,000	11,700	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE (federalize part of the Oahu 2012 SMP)	
SysPres Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																	
Popoi Place to Renton Road, MP 0.00 to 3.99																					
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																	
Kahuapaani St (Route 7241) Resurfacing	CON	6,000	4,800	1,200																	
Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																					
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																	
Kapaa Quarry to Kalaheo																					
Estimated Total Project Cost - \$189,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.html . Qualified and priority SMP projects could receive federal funds should they become available																					
OS1. Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE	
Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Pilina Way in Kaneohe.																					
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW										551	441	110							BRIDGE ON/OFF SYSTEM	
SysPres Ulehawa Stream Bridge																					
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS3. Farrington Highway (Route 93), Bridge Replacement	CON																14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM	
SysPres Maipalaoa Bridge																					
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82. Farrington Highway (Route 93), Bridge Replacement	ROW				0	0	0				1,080	864	216							BRIDGE ON/OFF SYSTEM	
SysPres Makaha Bridges #3 & #3A	CON				0	0	0				16,225	4,980	11,245							(defer, inflate - public opposition (use Adv Con reimbursement to reflect cash flow needs)	
	ADVCON														8,000	(8,000)					
Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																					
OS4. Farrington Highway (Route 93) Intersection Improvements	CON				3,000	2,400	600													STP FLEXIBLE	
Safety at Haleakala Avenue (Route 8743)	CON				4,500	4,050	450													HSIP	
	CON				1,000	800	200													EARMARK - HIGH PRIORITY	
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																					
OS5. Farrington Highway (Route 93) Intersection Improvements	CON		5,500	4,950	550															HSIP	
Safety at Nanakuli Avenue (Route 8744)	CON		3,000	2,400	600															STP FLEXIBLE	
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																					
OS6. Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196																HSIP	
Safety Vicinity of Leihoku Street to Kili Drive																					
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																					
OS7. Fort Barrette Road (Route 901) Widening,	CON																23,800	19,040	4,760	STP FLEXIBLE	
Modern Farrington Highway (Route 9107) to Barber's Point Gate																					
Estimated Total Project Cost - \$25,300,000 -- Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.																					
OS8. Freeway Management System,																				NHS	
Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																					
Phase 1C																					
Part 1	CON	7,000	5,600	1,400																	
Part 2	CON							3,500	2,800	700											
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																					
OS9. Freeway Management System,																				INTERSTATE MAINTENANCE	
Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																					
Phase 2A	DES				1,900	1,520	380														
Part 1	CON										5,000	4,000	1,000								
Part 2	CON													5,000	4,000	1,000					
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																					

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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 detail in rev. explanation file									
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES							1,900	1,520	380							10,000	8,000	2,000	INTERSTATE MAINTENANCE									
	CON																												
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																												
OS11. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A	DES													2,000	1,600	400				INTERSTATE MAINTENANCE									
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																												
OS12. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES	4,000	3,200	800																NHS									
	Estimated Total Project Cost - \$61,500,000 -- The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.																												
OS13. Freeway Service Patrol Congest	CON	2,000	1,800	200	2,000	1,800	200	4,000	3,600	400				2,000	1,800	200	2,000	1,800	200	NHS									
	Estimated Total Project Cost - \$16,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																												
OS14. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Various locations on Interstate Route H-1	CON							2,100	1,890	210										HSIP									
	DES																												
	CON													250	200	50													
	DES																3,000	2,400	600										
																	250	200	50										
Estimated Total Project Cost - \$5,850,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.																													
OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign SysPres Upgrade/Replacement, Phase I	CON				4,500	3,600	900													NHS (Increase estimate by \$1.692M)									
	CON																2,704	2,434	270										
	Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201																												
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Halona Street Bridge)	DES	775	620	155																BRIDGE ON/OFF SYSTEM									
	Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																												
OS88. Interstate Route H-1, Corridor Study Modern	PLN				2,500	2,000	500													NHS									
Estimated Total Project Cost - \$2,500,000 -- Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.																													
OS17. Interstate Route H-1, Eastbound Improvements, Modern Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	ROW							10,800	8,640	2,160										NHS (redistribute reimbursement based on anticipated cash flow)									
	DES/CON							101,000	12,800	88,200																			
	ADVCON										0	5,000	(5,000)	0	32,000	(32,000)		31,000	(31,000)										
Estimated Total Project Cost - \$111,800,000 -- Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.																													
OS18. Interstate Route H-1, Eastbound Improvements, Modern Ward Avenue (Route 7511) On-Ramp to University Interchange	DES										920	828	92							INTERSTATE MAINTENANCE									
	Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.																												
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Kapiolani Interchange to Ainakoa Avenue	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE									
	Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																												
OS20. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE									
	Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																												
OS21. Interstate Route H-1, Highway Lighting Improvements, SysPres Kaimakani OP to Gulick Avenue Phase 1	CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE									
	Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																												

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PROJECT	PHASE	FFY2011 (x\$1000)	FFY2011 (x\$1000)	FFY2011 (x\$1000)	FFY2012 (x\$1000)	FFY2012 (x\$1000)	FFY2012 (x\$1000)	FFY2013 (x\$1000)	FFY2013 (x\$1000)	FFY2013 (x\$1000)	FFY2014 (x\$1000)	FFY2014 (x\$1000)	FFY2014 (x\$1000)	FFY2015 (x\$1000)	FFY2015 (x\$1000)	FFY2015 (x\$1000)	FFY2016 (x\$1000)	FFY2016 (x\$1000)	
OS22. Interstate Route H-1, Kapolei Interchange Complex																			INTERSTATE MAINT. DISCR NHS NHS (use Adv Construction)
Modern Phase 2	CON							4,800	4,300	500									
	CON							26,700	17,030	9,670									
	ADVCON										0	7,000	(7,000)						NHS NHS NHS
Phase 3	DES													560	448	112			
	ROW													224	179	45			
Phase 4	DES													540	432	108			NHS NHS
	ROW													216	172	44			
Estimated Total Project Cost - \$60,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.																			
OS83. Interstate Route H-1, Installation of Access Control	CON	2,500	2,250	250															STP FLEXIBLE
SysPres Makakilo Interchange to Vicinity of H-1/H-2 Interchange																			
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. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	DES/CON													5,850	5,265	585			INTERSTATE MAINTENANCE
Congest																			
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. Interstate Route H-1, Pearl City and Waimalu Viaduct	CON																23,250	20,925	INTERSTATE MAINTENANCE (estimate reduced. Scope is included in H-1 project previously obligated.)
SysPres Improvements, Phase 2																			
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. Interstate Route H-1, PM Contraflow, Westbound	CON													0	0	0	17,525	15,775	INTERSTATE MAINTENANCE (defer, inflate anticipating scheduling conflict with previously obligated phase of this project)
Modern Waiawa IC Improvements (four WB through lanes), Phase I																			
Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.																			
OS27. Interstate Route H-1, Waiawa Interchange,	DES																3,432	2,745	NHS
Modern Westbound, Waipahu Off-Ramp Improvements																			
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																			
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of	DES	150	135	15															HSIP
Safety Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	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. Interstate Route H-3, Seismic Retrofit,	DES																1,080	864	BRIDGE ON/OFF SYSTEM
SysPres Halekou Interchange, Structures 1, 2 and 3																			
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures 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 detail in rev. explanation file
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OS84. Enhance Kalanianaʻole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	CON										250	200	50							EARMARK-HIGH PRIORITY STP ENHANCEMENT	
	CON										2,400	1,920	480								
	<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																				
OS33. SysPres Kalanianaʻole Highway (Route 72), Bridge Replacement Inoaole Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. Safety Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	10,816	2,704							NHS	
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS35. Safety Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS	
	<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS37. SysPres Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM	
	<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. SysPres Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW				0	0	0	189	152	37										BRIDGE ON/OFF SYSTEM <i>(Defer, inflate ROW. Working on environmental mitigation)</i>	
	CON										8,600	6,880	1,720								
	<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS40. SysPres Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM	
	ROW										270	216	54								
	<i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS41. SysPres Kamehameha Highway (Route 83), Bridge Rehabilitation Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM	
	ROW							260	208	52											
	<i>Estimated Total Project Cost - \$10,000,000 -- Rehabilitate the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																				

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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 detail in rev. explanation file
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS43. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	PREROW							52	42	10										BRIDGE ON/OFF SYSTEM
	ROW										600	480	120							
Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							946	757	189										
Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM EARMARK-HIGH PRIORITY BRIDGE ON/OFF SYSTEM
	ROW										1,125	865	260							
	CON																17,300	13,840	3,460	
Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																				
OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge	PREROW				0	0	0	104	83	21										BRIDGE ON/OFF SYSTEM (Defer and inflate No DES Contract)
	ROW							520	416	104										
	CON										10,816	653	10,163							
	ADVCON													0	8,000	(8,000)				
Estimated Total Project Cost - \$11,500,000 - replace the existing bridge																				
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
Estimated Total Project Cost - \$4,300,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																				
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52	PREROW				50	40	10													NHS
	ROW							450	360	90										
	CON													9,500	7,600	1,900				
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																				
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON							1,528	1,375	153										HSIP
Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road	DES	200	180	20																HSIP
	CON										1,000	900	100							
Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.																				
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,702	1,533	169										HSIP
Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140																NHS
Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.																				
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140																NHS
Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																				
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										6,750	5,400	1,350							NHS
Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																				
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248				NHS
Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.																				
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station	CON				8,500	6,800	1,700													STP ENHANCEMENT
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS70. Enhance Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualalei Naval Road	DES	2,500	2,000	500																STP ENHANCEMENT	
	PREROW							100	80	20											
	ROW													2,750	2,200	550					
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																					
OS71. Safety Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON													6,000	4,800	1,200				NHS	
<i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																					
OS72. SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Hts. Off-Ramp to Middle St. Overpass)	CON										5,840	4,672	1,168							NHS	
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																					
OS73. SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)	CON										2,340	1,872	468							NHS	
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																					
OS74. SysPres Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.</i>																					
OS75. SysPres Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																					
OS89. Congest Nimitz Highway (Rte 92) and Honolulu Harbor Pier 19 Intersection Improvements	DES				529	476	53													FERRY BOAT DISCRETIONARY	
<i>Estimated Total Project Cost - \$700,000 -- Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19.</i>																					
OS79. Enhance Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																					
OS81. Modern Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center	DES				0	0	0	52	0	52										LOCAL (Defer, inflate) LOCAL (Awaiting use of earmark)	
	CON				0	0	0	12,480	0	12,480											
<i>Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.</i>																					
OAHU : STATE - FHWA TOTAL			50,344	41,066	9,278	58,238	40,283	17,955	212,002	59,681	152,321	121,806	64,482	57,324	115,124	111,763	3,361	175,795	147,066	28,729	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS detail in rev. explanation file
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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) Human	EQP/OPR	175	140	35	140	70	70													FTA SECTION 5316 (JARC) Small Urban
<i>Estimated Total Project Cost - \$315,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.</i>																				
OS86 New Freedom (Small Urban) Human	EQP/OPR	144	115	29	120	60	60													FTA SECTION 5317 (New Freedom) Small Urban
<i>Estimated Total Project Cost - \$264,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.</i>																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	0	0	0	0	0	0	0	0	0	0	0	0	0

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Transit	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. Safety	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							16,481	7,801	8,680	17,000	7,156	9,844	17,000	13,600	3,400			STP FLEXIBLE (Decr estimate)	
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000												LOCAL	
	System Manager	DES							1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	LOCAL
Estimated Total Project Cost - \$84,346,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies.																					
This will enhance agency cooperation and coordination during emergency responses.																					
OC3. Enhance	Bicycle Projects																				
	Kalaheo Avenue	PLN	1	0	1															LOCAL	
		ROW	1	0	1															LOCAL	
		CON	2106	1556	550															STP FLEXIBLE	
Kealaolu Ave Shoulder Improvements																					
		DES				1	0	1												STP FLEXIBLE	
		CON				620	496	124												STP FLEXIBLE (Incr estimate)	
Thomas Square/Civic Center Bike Path Improvements		CON				325	260	65												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							0	0	0									LOCAL (DELETE PROJECT	
		PLN							0	0	0									LOCAL (due to reprioritization)	
		DES	0	0	0															STP FLEXIBLE	
		CON							0	0	0									STP FLEXIBLE	
Hamakua Drive Bike Improvements		DES	0	0	0				100	80	20									STP FLEXIBLE (Defer and inflate)	
		CON							0	0	0	416	333	83						STP FLEXIBLE (Defer and inflate)	
Mokuola St/Awalau St Bike Improvements		DES							0	0	0									STP FLEXIBLE (DELETE PROJECT	
		CON										0	0	0						STP FLEXIBLE (due to reprioritization)	
18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements		ROW							1	0	1									LOCAL	
		PLN							1	0	1									LOCAL	
		DES	148	0	148							0	0	0						LOCAL (Advance and defederalize)	
		CON							700	560	140				0	0	0			STP FLEXIBLE (Advance and decr)	
Haleiwa/Waialua Bike Improvements		ROW													0	0	0		0	0 LOCAL (DELETE PROJECT	
		PLN													0	0	0		0	0 LOCAL (due to reprioritization)	
		DES													0	0	0			STP FLEXIBLE	
		CON																		STP FLEXIBLE	
Waialae Avenue Bike Lanes		DES							40	0	40									LOCAL (NEW project)	
		CON							400	320	80									STP FLEXIBLE	
Estimated Total Project Cost - \$8,565,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.																					
OC4. SysPres	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC5. Computerized Traffic Control System Congest Phase 13: Mililani Mauka Area	EQP	1	0	1																LOCAL
	CON				3,307	2,527	780													STP FLEXIBLE
																				LOCAL (deleted, not needed)
	Phase 14: Mililani Town - Part 1				0	0	0													STP FLEXIBLE (Defer and inflate)
	CON				0	0	0	3,349	3,349	0										STP FLEXIBLE (deleted, not needed)
	Phase 15: Mililani Town (Part 2) & Expand Fiber to Wahiawa							0	0	0										STP FLEXIBLE
	Mililani	250	200	50																STP FLEXIBLE (from Phase 16)
	Wahiawa				375	300	75													STP FLEXIBLE (Defer and inflate)
	CON							0	0	0				3,439	2,596	843				LOCAL (deleted, not needed)
	Phase 16: Wahiawa Town Area				0	0	0				0	0	0							STP FLEXIBLE (DES moved to Ph 15)
	CON							375	300	75										STP FLEXIBLE (Original Ph 17)
	DES													0	0	0	4,211	3,348	863	STP FLEXIBLE (Defer and inflate)
	EQP																1	0	1	LOCAL
	Phase 17: Makakilo Area & Extend fiber towards Nanakuli Area (reprogram Makakilo Area to Phase 16)													0	0	0				LOCAL (Defer to future year)
	CON							0	0	0	380	304	76							STP FLEXIBLE
	DES													0	0	0				STP FLEXIBLE (Defer to future year)
	CON																0	0	0	LOCAL (DELETE Phase 18)
	Phase 18: Undetermined at this time										0	0	0							STP FLEXIBLE
	CON																0	0	0	STP FLEXIBLE
Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.																				
OC6. Kapolei Parkway (Route 8920) Congest	DES	1	0	1																LOCAL
	CON	5,200	0	5,200																STP FLEXIBLE
	Urban Core 4: Kunehi Street to Kamaaha Ave																			LOCAL
	CON	3,388	0	3,388																STP FLEXIBLE
	CON	7,813	7,813	0																LOCAL
	CON				773	0	773													STP FLEXIBLE
	CON				3,164	3,164	0													LOCAL
	CON																			STP FLEXIBLE
	CON																			LOCAL
	CON																			STP FLEXIBLE
Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																				
OC7. Makakilo Drive (Route 8810) Extension Modern	CON										22,550	0	22,550							LOCAL
	CON																47,410	37,928	9,482	STP FLEXIBLE
	CON																			LOCAL
	CON																			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
	CON																			LOCAL
	CON																			STP FLEXIBLE
Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko'i Street.																				
OC9. Seismic Bridge Retrofit SysPres	DES																600	480	120	BRIDGE OFF-SYSTEM
	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$2,100,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																				
OC25. Kuakini Street Extension Congest	PLN				10	0	10													LOCAL
	DES				10	0	10													LOCAL
	CON				4,580	3,600	980													STP FLEXIBLE
Estimated Total Project Cost - \$4,600,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.																				

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OC10. Traffic Improvements at Various Locations <div>Safety</div> Palolo Traffic Calming	ROW							50	0	50										LOCAL	
	PLN							50	0	50										LOCAL	
	DES	300	0	300																LOCAL	
	CON							1,930	960	970										STP FLEXIBLE	
	Waiakamilo and Dillingham Intersection																			LOCAL	
	DES				1	0	1													LOCAL	
	CON				1,821	1,457	364													STP FLEXIBLE	
	Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.																				
	TBD																				
	ROW										50	0	50							LOCAL	
	PLN										50	0	50							LOCAL	
	DES							400	0	400										LOCAL	
	CON										1,930	960	970							STP FLEXIBLE	
	TBD																				
	ROW													50	0	50				LOCAL	
	PLN													50	0	50				LOCAL	
	DES										400	0	400							LOCAL	
	CON													1,930	960	970				STP FLEXIBLE	
	TBD																				
	ROW														50	0	50	LOCAL			
	PLN														50	0	50	LOCAL			
	DES													400	0	400	LOCAL				
	CON																1,930	960	970	STP FLEXIBLE	
	TBD																				
	DES																400	0	400	LOCAL	
Estimated Total Project Cost - \$11,842,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																					
OC26. Traffic Signal Optimization <div>Congest</div> Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90													STP FLEXIBLE	
	DES				1,020	816	204													STP FLEXIBLE	
Estimated Total Project Cost - \$1,470,000 -- Optimize traffig signal tiing, coordination and implementation plans to reduec vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.																					

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OC11. Traffic Signals at Various Locations																				
Congest Phase 13 - University area, Harding Ave/4th Ave, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St	CON				3,270	2,625	645													STP FLEXIBLE
	EQP	1	0	1																LOCAL
Install new traffic signals at University Ave/Coyne St, and at Harding Ave/4th Ave. Modify existing traffic signals at University Ave/Metcalf St (left turn phase), University Ave/Maile Way (left turn phase), Beretania St/Ward Ave (audio ped signal), Beretania/River St (upgrade), and Kapiolani Blvd/Date St (upgrade).																				
Phase 14 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	PLN	1	0	1																LOCAL (add Moanalua Rd to title)
	DES	350	280	70																STP FLEXIBLE
	CON				0	0	0	4,074	3,349	725										STP FLEXIBLE (Defer and inflate)
	EQP				0	0	0	1	0	1										LOCAL (Defer and inflate)
Prepare designs for new traffic signals at Harding Ave/7th Ave and Waipahu St/Honowai St. Upgrade traffic signals at Waimano Home Rd/Kuala St, Pacific Hts Rd/Pauoa Rd, and Vineyard Blvd/Pua Ln. Prepare design for flashing school beacon on Alala Rd.																				
Phase 15 - Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihau St, Makaloa St/Sheridan St, and Kinau St/Veteria St Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	PLN				1	0	1													LOCAL (Delete and add to title)
	DES				430	380	50													STP FLEXIBLE (Incr estimate)
	CON							0	0	0	4,000	3,349	651							STP FLEXIBLE (Defer and inflate)
	EQP							0	0	0	1	0	1							LOCAL (Defer and inflate)
Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihau St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal).																				
Phase 16 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Neho St/Mott-Smith Dr	PLN							0	0	0	1	0	1							LOCAL (add locations, defer & inflate)
	DES							0	0	0	364	291	73							STP FLEXIBLE (Defer and inflate)
	CON										0	0	0	3,251	2,600	651				STP FLEXIBLE (Defer and inflate)
	EQP										0	0	0	1	0	1				LOCAL (Defer and inflate)
Phase 17	PLN										0	0	0	1	0	1				LOCAL
	DES										0	0	0	364	291	73				STP FLEXIBLE
	CON													0	0	0	4,000	3,349	651	STP FLEXIBLE (Defer and inflate)
	EQP													0	0	0	1	0	1	LOCAL (Defer and inflate)
Phase 18	PLN													0	0	0	1	0	0	LOCAL (Defer and inflate)
	DES													0			364	291	73	STP FLEXIBLE (Defer and inflate)
	CON																0	0	0	STP FLEXIBLE (delete)
	EQP																0	0	0	LOCAL (delete)
Phase 19	PLN																0	0	0	LOCAL (DELETE Phase 19)
	DES																0	0	0	STP FLEXIBLE
Estimated Total Project Cost - \$23,943,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordination.																				
OC12. Upgrade Pedestrian Signals at Various Locations,	DES	30	0	30																LOCAL
Safety East Honolulu, Pearl City, Ewa and Windward areas	CON	480	360	120	150	0	150													STP FLEXIBLE
Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons.																				
OAHU : C&C OF HONOLULU - FHWA TOTAL		39,056	15,329	23,727	26,208	16,705	9,503	29,952	17,519	12,433	72,642	14,393	58,249	55,178	38,447	16,731	84,067	64,756	19,311	

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CITY & COUNTY OF HONOLULU - FTA																					
OC13. Agency Provided Trips Human																					
	OPR											202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb
	OPR	230	115	115	422	190	232	426	191	235	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb (Incr estimate)	
Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																					
OC14. Bus and Handi-Van Acquisition Program Transit																					
	EQP								22,168	3,000	19,168										FTA \$5307/\$5340
	EQP				9,984	7,987	1,997														FTA \$5307/\$5340 (2011)
	EQP							16,752	12,564	4,188											FTA \$5307/\$5340 (2012)
	EQP	5,713	4,998	715																	FTA \$5307/\$5340 TIGGER II
	EQP				14,040	12,000	2,040														FTA \$5309 SOGR
	EQP	2,436	1,949	487	2,500	2,000	500	2,668	2,122	546	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	FTA \$5309 FGM	
	EQP							16,207	0	16,207	16,490	0	16,490	17,016	0	16,490	17,016	0	17,016	LOCAL	
	INSP	20	18	2	50	45	5														FTA \$5307/\$5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	127	0	127	LOCAL	
	Estimated Total Project Cost - \$135,631,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																				
	FFY 2011: 8-45' buses																				
	FFY 2012: 35<30' vehicles + 13-40' buses																				
FFY 2013: 55<30' vehicles + 112-40' buses																					
FFY 2014: 25<30' vehicles + 1-30' bus + 26-40' buses + 1>40' buses.																					
FFY 2015: 30<30' vehicles + 15-40' buses + 11-45' buses																					
FFY 2016: 30<30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses																					
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)	HHCTCP	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							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	
	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 Human																					
	EQP							65	52	13											FTA \$5316 JARC Urb
	OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb	
Estimated Total Project Cost - \$991,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC17. Middle Street Intermodal Center Transit	PLN																1	0	1	LOCAL
	DES	300	0	300										2,500	0	2,500	200	0	200	LOCAL
	CON													1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC
	EQP																1	0	1	LOCAL
	Estimated Total Project Cost - \$34,134,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																			
OC18. Mobility Management Human	OPR	496	397	99	318	254	64	318	254	64	274	219	55	289	231	58	245	196	49	FTA \$5316 JARC Urb
	OPR	100	80	20	54	43	11	54	43	11							62	49	13	FTA \$5317 NF-Urb
	EQP										12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb
	Estimated Total Project Cost - \$2,249,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
OC19. Preventive Maintenance Transit	OPR				43,080	21,000	22,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340
	OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)
	Estimated Total Project Cost - \$278,918,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																			
OC24. Special Needs Transportation Human	OPR	146	73	73																FTA \$5317 NF-Urb
	Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																			
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP							413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
	EQP				455	365	90													FTA \$5307/\$5340 (2011)
	EQP							754	364	390										FTA \$5307/\$5340 (2012)
	Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility Transit	PLN							200	0	200	1	0	1	1	0	1	1	0	1	LOCAL
	ROW							1	0	1	1,000	0	1,000	1	0	1	1	0	1	LOCAL
	DES							1	0	1	50	0	50	8,000	0	8,000	1	0	1	LOCAL
	CON													1	0	1	21,500	17,200	4,300	FTA \$5309 BC
	RELOC													1	0	1	1	0	1	LOCAL
	EQP										1,000	0	1,000							LOCAL
	Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			
OC23. Windward Transit Center Transit	PLN							1	0	1	1	0	1	1	0	1				LOCAL
	ROW							1	0	1	1	0	1	1	0	1				LOCAL
	DES							175	0	175	200	0	200	200	0	200				LOCAL
	CON										3,000	0	3,000							LOCAL
	INSP							1	0	1	150	0	150	1	0	1				LOCAL
	EQP										1	0	1	1	0	1				LOCAL
	Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL		494,547	87,630	406,917	837,790	271,140	566,650	1,206,127	300,024	906,103	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	

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FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			20,385			47,300		
NHS (National Highway System)			11,720			7,440			45,230			35,480			52,423			37,979		
BRIDGE OFF-SYSTEM			720			720			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			160			2,026			14,514			28,980			42,460		
STP ENHANCEMENT			2,000			6,800			80			1,920			2,200			0		
STP FLEXIBLE			35,659			29,719			16,719			12,393			45,135			82,516		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			800			0			1,065			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			9,000			6,238			900			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			4,300			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			476			0			0			0			0		
	SUBTOTAL		56,395			56,988			77,200			78,875			150,210			211,822		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(1,276)			(4,300)			(1,065)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		56,395			55,712			72,900			77,810			150,210			211,822		

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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	5,000	4,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
																				(federalize part of the Hawaii 2012 SMP)
	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) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.html . Qualified and priority SMP projects could receive federal funds should they become available																				
HS3. Crater Rim Road (NPS) SysPres	CON				7,500	7,500	0													FED. LANDS HWY
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																			
HS4. Guardrail and Shoulder Improvements, Various Locations Safety	DES										1,000	800	200							STP FLEXIBLE
	CON																1,400	0	1,400	
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge SysPres	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
	Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																			
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge SysPres	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													
	ROW										1,090	872	218							
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge Safety	CON							4,325	3,460	865										BRIDGE ON/OFF SYSTEM
	Estimated Total Project Cost - \$4,400,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.																			
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge Safety	CON							1,638	1,310	328										NHS
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																			
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge Safety	CON										1,456	1,165	291							NHS
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																			
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)	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	12,000	23,000										NHS
	ADVCON										0	5,000	(5,000)	0	11,000	(11,000)				
	Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																			
HS14. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Safety Phase II (Maulua Gulch)	DES				0	0	0	624	499	125										NHS (Defer, inflate. Working on procurement)
	Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.																			
HS38. Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Safety Vic. of Laupahoehoe Gulch to Kaawaili Gulch	CON				2,000	1,800	200													HSIP NHS
	CON				7,000	5,600	1,400													
	Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches																			
HS16. Hilo Bayfront Highway (Route 19), Shoreline Protection SysPres	DES				1,000	800	200													STP FLEXIBLE (Correct typo; ROW to PREROW)
	PREROW				115	92	23													
	CON													3,500	2,800	700				
HS18. Kawaihae Road Bypass, Modern Waimea to Kawaihae, Phase 1 (First 5 miles)	DES							3,250	2,600	650										NHS
	PREROW							100	80	20										
	Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.																			
HS19. Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches SysPres	DES				1,144	915	229													BRIDGE ON/OFF SYSTEM
	PREROW				50	40	10													
	ROW										2,080	1,664	416							
	CON													10,400	8,320	2,080				
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							
HS39. Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road Safety	CON				0	0	0	2,080	1,872	208										HSIP (Defer, inflate. DES ongoing)
	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 Paradise Drive, Orchardland Drive, and Ainaloa Blvd Safety	CON	2,500	2,250	250																HSIP
	Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.																			
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Modern Phase 1: Keaau Bypass to Shower Drive	CON				21,500	17,200	4,300													STP FLEXIBLE HSIP
	CON				1,820	1,456	364													
	Phase 2: Shower Drive Intersection Improvements	CON										1,600	1,280	320						STP FLEXIBLE HSIP (dual fund w/ HSIP)
		CON										500	450	50						
HS24. Kealakehe Parkway Extension (Route 197), Modern Keanalehu Drive to Kealakaa Street	DES										790	632	158							STP FLEXIBLE
	PREROW										50	40	10							
	ROW													1,080	864	216				
HS25. Kuakini Highway (Route 11) Bicycle Improvements, Enhance King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104							STP FLEXIBLE
	Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																			
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON																2,700	2,160	540	STP FLEXIBLE
	Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																			

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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 detail in rev. explanation file
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES													810	648	162				BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.</i>																					
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON							5,841	4,673	1,168										STP FLEXIBLE	
<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																					
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																					
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770) Modern	PREROW							50	40	10										STP FLEXIBLE	
	ROW										1,000	800	200							EARMARK-HIGH PRIORITY (HI025)	
	ROW										5,100	4,080	1,020							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																					
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11) Modern	DES										1,600	1,280	320							STP FLEXIBLE	
	PREROW													50	40	10					
<i>Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																					
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements Congest	ROW				0	0	0	168	134	34										HSIP	
at Kawaihae Road (Route 19)	CON							0	0	0	1,190	1,071	119							(Defer and inflate - Env not complete yet. Section 106 and SMA still pending)	
<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																					
HS35. Queen Kaahumanu Highway (Route 19) Widening Modern	PLN																4,870	3,896	974	NHS	
<i>Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.</i>																					
HS36. Saddle Road Extension Modern	DES										9,000	7,200	1,800							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern	CON				13,500	13,500	0													TIGER 3 FUNDS	
Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11	ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON							50,000	50,000	0											
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4																					
	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON				20,000	20,000	0														
	CON							20,000	20,000	0											
	CON										20,000	20,000	0								
	CON													15,000	15,000	0					
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HAWAII : STATE - FHWA TOTAL			25,888	21,800	4,088	126,175	106,740	19,435	140,050	97,047	43,003	65,910	48,697	17,213	56,944	46,355	10,589	27,344	7,555	19,789	

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PROJECT		PHASE	FFY2011 TOTAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) FEDERAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) LOCAL (x\$1000)	FFY2012 TOTAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) FEDERAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) LOCAL (x\$1000)	FFY2013 TOTAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) FEDERAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) LOCAL (x\$1000)	FFY2014 TOTAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) FEDERAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) LOCAL (x\$1000)	FFY2015 TOTAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) FEDERAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) LOCAL (x\$1000)	FFY2016 TOTAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) FEDERAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) LOCAL (x\$1000)	FUND CATEGORY & REMARKS detail in rev. explanation file
COUNTY OF HAWAII - FHWA																					
HC1.	Alii Drive (Route 186) Culvert Replacement	CON							10,400	8,320	2,080										STP FLEXIBLE
	SysPres 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	54	44	10										STP ENHANCEMENT
	Enhance From Hualalai Road (Route 1880) to Walua Road (Route 187)	ROW				0	0	0	520	416	104										(Defer, inflate. Working on EA)
	Phase 1	CON													5,600	4,480	1,120				
	Phase 2	DES							50	40	10							5,400	4,320	1,080	
		CON																			
	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				520	416	104													
	Phase 1 - Part 1	DES				520	416	104													
		CON				0	0	0	2,163	1,730	433										(Defer, inflate. Working on re-eval EIS)
	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
	SysPres Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																				
HC6.	Kaahakini Bridge Rehabilitation	CON							2,163	1,730	433										BRIDGE OFF-SYSTEM
	SysPres Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HC7.	Kaiminani (Route 198) Roadway Improvements	DES	10	8	2																STP FLEXIBLE
	SysPres Mamalahoa Highway (Route 190) to Vicinity of Ahiahi Street	CON	8,500	6,800	1,700																
	Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																				
HC8.	Kamehameha Avenue (Route 1910) Resurfacing,	CON							16,000	6,800	9,200										STP FLEXIBLE
	SysPres Wailoa Bridge to Ponahawai Street	ADVCON													0	6,000	(6,000)				
	Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																				
HC9.	Kawailani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) &	DES																			STP FLEXIBLE
	Congest Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	CON													17,470	13,976	3,494				
	Phase 2																				
	Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawailani/Iwalani and Kawailani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																				
HC10.	Kuakini Highway (Route 1100) Widening,	CON							7,280	5,824	1,456										STP FLEXIBLE
	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				10	8	2													NHS (Change from STP Flexible)
	Modem (Mudlane to North Hawaii Community Hospital)	DES				10	8	2													
		ROW													1,080	864	216				
	Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																				
HC15.	Manono Street (Route 2770) Roadway Improvements	DES	50	40	10																STP FLEXIBLE
	SysPres Lanikaula Steet to Kekuanaoa Street	ROW				520	416	104													
		CON										5,000	4,000	1,000							(Add CON phase)
	Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																				
HC12.	Reed's Island Bridge Rehabilitation	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM
	SysPres																				
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			13,660	10,928	2,732	1,680	1,344	336	15,450	12,360	3,090	28,380	16,704	11,676	24,250	25,400	(1,150)	5,500	4,400	1,100	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
COUNTY OF HAWAII - FTA																					
HC13. Transit	Bus and Bus Facility	EQP/OPR	819	655	164															FTA SECTION 5309 (Rural Bus Prgm)	
	<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. Transit	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
	<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																				
HC16. Transit	State of Good Repair	CON				5,000	4,000	1,000												FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)	
		EQP/OPR				2,750	2,200	550													
<i>Estimated Total Project Cost - \$7,750,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																					
HAWAII : COUNTY OF HAWAII - FTA TOTAL			1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			1,211			5,706			16,489			6,165			13,192			5,096		
BRIDGE OFF-SYSTEM			4,080			80			1,810			80			80			80		
BRIDGE ON/OFF SYSTEM			320			31,003			3,460			2,536			8,968			0		
STP ENHANCEMENT			0			0			500			0			4,480			4,320		
STP FLEXIBLE			24,568			26,740			14,843			34,000			29,736			2,160		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
EARMARK - HIGH PRIORITY			0			20,000			70,000			20,800			15,000			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,250			3,256			2,006			1,521			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			32,728			108,084			109,407			65,401			71,755			11,955		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(41,000)			(70,000)			(20,800)			(15,000)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	32,728			67,084			39,407			44,601			56,755			11,955		

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	detail in rev. explanation file
MAUI : STATE - FHWA																					
MS36.	Bridge and Pavement Improvement Program, Maui	CON				12,000	4,000	8,000	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
SysPres	Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																(federalize part of the Hawaii 2012 SMP)
	Kula Hwy to Haleakala Crater Road Jnc.																				
	Haleakala Crater Road (Route 378)	CON	1,300	1,040	260																
	MP 0.0 to 2.0																				
	Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																
	Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																
	Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																
	Kula Hwy (Route 37) Resurfacing	CON	3,200	2,560	640																
	Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND																				
	Honoapiilani Hwy (Route 30) Resurfacing, Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67																				
	Kula Highway (Route 37) PPM	CON	2,500	2,000	500																
	Lower Kula Road to Kekauliki Avenue																				
Estimated Total Project Cost - \$112,460,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.html . Qualified and priority SMP projects could receive federal funds should they become available																					
MS1.	Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
Safety	at Various Locations, Maui																				
	Part 1	CON							1,400	1,120	280										
	Part 2	CON													1,000	800	200				
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																					
MS2.	Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																STP ENHANCEMENT
Enhance																					
Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																					
MS37.	Hana Highway Historic Bridge Preseravation Plan	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM
SysPres																					(New Project)
Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																					
MS3.	Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON										1,500	1,200	300							STP ENHANCEMENT
Enhance	Dairy Road (Route 380) to Naniloa Overpass																				
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																					
MS4.	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW				0	0	0				119	95	24							NHS (Defer, inflate)
Modern	to Vicinity of Airport Access Road	CON																6,760	5,408	1,352	
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement,	ROW							808	647	161										BRIDGE ON/OFF SYSTEM
SysPres	Honolua Bridge	CON																5,400	4,320	1,080	
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay																					
MS7.	Honoapiilani Highway (Route 30) Realignment, Phase 1B2,	DES										2,000	1,600	400							NHS
Modern	Hokiokio Place to Relocated Southern Terminus																				
Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.																					
MS30.	Honoapiilani Highway (Route 30), Safety Improvements	CON				218	196	22													HSIP
Safety	at Kaanapali Parkway and Halelo Street																				
Estimated Total Project Cost - \$250,000 -- Install flashing beacon on Honoapiilani Hwy as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.																					
MS8.	Honoapiilani Highway (Route 30) Safety Improvements,	CON							3,050	2,745	305										HSIP
Safety	Vicinity of Kapoli Street to Papalaua Beach Park																				
Estimated Total Project Cost - \$3,300,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																					

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MS31. SysPres	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	CON				0	0	0	3,120	2,496	624									NHS (environmental clearances not complete)	
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																					
MS34. SysPres	Honoapiilani Highway (Route 30), Shoreline Protection at Launiupoko	CON				0	0	0				3,245	2,596	649						NHS (Defer, inflate. Waiting on local match)	
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. Modern	Honoapiilani Highway (Route 30) Widening and/or Realignment, 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. Modern	Kahului Airport Access Road (Route 3800)	CON ADVCON				25,000	13,600	11,400		0	6,400		(6,400)							NHS (redistribute reimbursements based on anticipated cash flow)	
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. Safety	Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420)	CON							563	507	56									HSIP	
Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.																					
MS12. SysPres	Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay (#1)	CON							1,900	1,520	380									STP FLEXIBLE	
Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																					
MS14. Enhance	National Recreational Trails Program - Maui (DLNR)	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. SysPres	North Kihei Road (Route 310), Shoreline Protection, 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. Modern	Paia Bypass Road (Paia Alternative Route, 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. Modern	Piilani Highway, Traffic Operational Improvements at Ohukai Road	CON				1,456	1,165	291												NHS	
Estimated Total Project Cost - \$2,000,000 -- Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rearranging the traffic signals.																					
MS33. Safety	Puunene Avenue (Route 3500) Safety Improvements, Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	CON							562	506	56									HSIP (RE-INCLUDE PROJECT. Separate from MS18)	
Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.																					
MS18. Modern	Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) to Kuihelani Highway (Route 380)	PREROW ROW CON CON							32	25	7	150	120	30	6,300	5,040	1,260			STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE	
Estimated Total Project Cost - \$8,000,000 -- 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. SysPres	Waiehu Beach Road (Route 3400), Bridge Rehabilitation Iao Stream Bridge	CON				6,760	5,408	1,352												BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																					

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MOLOKAI																					
MS20.	Guardrail and Shoulder Improvements Program																			STP FLEXIBLE	
Safety	at Various Locations, Molokai																				
	Part 1	CON	750	600	150																
	Part 2	CON						750	600	150											
	Part 3	CON												750	600	150					
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS22.	Kamehameha V Highway (Route 450), Bridge Replacement	CON												4,293	3,435	858				BRIDGE ON/OFF SYSTEM	
SysPres	Makakupaia Stream Bridge																				
<i>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.</i>																					
MS23.	Kamehameha V Highway (Route 450), Shoreline Protection,	CON												1,400	1,120	280				STP FLEXIBLE	
SysPres	Vicinity of Niaupala Fishpond																				
<i>Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.</i>																					
MAUI : STATE - FHWA TOTAL			20,471	16,377	4,094	45,883	24,728	21,155	37,929	20,761	17,168	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	

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

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COUNTY OF MAUI - FHWA																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1 SysPres Makawao Ave to Halimaile Road	CON							1,600	1,280	320									STP FLEXIBLE (New project)	
Estimated Total Project Cost - \$2,000,000 -- Resurface pavement on Baldwin Avenue from Makawao Ave. to Halimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles																				
MC41. Bridge and Pavement Improvement Program, Maui (County) SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600															IM / NHS / STP FLEXIBLE Backup SMP project for 2011	
Estimated Total Project Cost - \$3,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
MC3. Bridge Inspection and Appraisal SysPres	PLN							300	240	60				300	240	60			BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4. Halimaile Road (Route 371) Resurfacing & Safety Improvements, SysPres Haleakala Highway to Baldwin Avenue	CON CON	2,100 500	1,680 450	420 50															STP FLEXIBLE 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, SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON CON				2,100 400	1,680 360	420 40												STP FLEXIBLE HSIP-HRRR	
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, SysPres Hana Highway to Puunene Avenue	DES ROW CON				500 200	0 0	500 200				0	0	0	3,666	2,600	1,066			LOCAL LOCAL STP FLEXIBLE (Defer, inflate) (not functionally classified yet)	
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				
MC6. Hina Avenue (Route 3930) Pavement Reconstruction, SysPres Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9)	DES CON				700 4,500	0 3,600	700 900												LOCAL STP FLEXIBLE	
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC43. Kahananui Bridge Replacement SysPres (Lower Honoapiilani Road - RTE 3080)	DES CON				200	0	200	3,400	2,400	1,000									LOCAL BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				
MC7. Kahawaiokapia Bridge Replacement (Hana Highway - Route 360) SysPres	CON							4,264	2,912	1,352									BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. Kahekili Highway (Route 3405) Resurfacing, SysPres North Market Street to Waiehu Beach Road	CON	4,000	3,200	800															STP FLEXIBLE	
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38. Kaholopoo Bridge Replacement (Route 360) SysPres	CON	4,200	3,360	840															BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10. Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street Congest	DES CON				250 500	0 400	250 100												LOCAL STP FLEXIBLE (Decr est by \$750)	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC11. Kaupakalua Road (Route 365) Resurfacing, SysPres Hana Highway to Makawao Avenue	CON															4,621	3,697	924	STP FLEXIBLE	
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																				
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360) SysPres	DES CON				100	0	100				5,948	4,326	1,622						LOCAL BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				

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MC14. Kulanihakai Bridge Replacement (South Kihei Road - Route 3100) SysPres	DES	500	0	500																LOCAL	
	ROW	200	0	200																LOCAL	
	CON							0	0	0	3,550	2,840	710							BRIDGE OFF-SYSTEM (defer, inflate. DES ongoing)	
	Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC39. Lahaina Watershed Flood Control Project, Phase 2 SysPres	CON	3,968	3,968	0																EARMARK (Section 117) NRCS	
	CON	2,032	2,032	0																	
	CON							2,600	2,200	400										EARMARK (Section 117) (add ph 3A)	
	Estimated Total Project Cost - \$8,600,000 -- PH 2 - Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean PH-3A continuation of improvements for another 1000' from the end of phase 2 to Kauaula Stream																				
MC15. Lelekeke Bridge Replacement (Hana Highway - Route 360) SysPres	DES				500	0	500							0	0	0	3,994	3,195	799	LOCAL	
	CON																			BRIDGE OFF-SYSTEM (defer, inflate for financial constraint)	
	Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
	CON										2,596	2,077	519							STP FLEXIBLE	
Estimated Total Project Cost - \$2,700,000 -- Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.																					
MC18. Lower Honoapiilani Road (Route 3080) Improvements, SysPres	ROW				1,000	0	1,000													LOCAL	
	CON													5,900	4,500	1,400				STP FLEXIBLE	
	Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																				
	CON	2,000	1,600	400																	STP FLEXIBLE
Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																					
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements SysPres	ROW	1,000	0	1,000																LOCAL	
	CON										1,250	1,000	250							STP FLEXIBLE	
	Estimated Total Project Cost - \$2,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																				
	DES							200	0	200											LOCAL
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street Congest	ROW																			LOCAL	
	CON																730	584	146	LOCAL	
	Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																				
	DES										250	0	250								STP FLEXIBLE
MC44. Papa Avenue (RTE 3910) Pavement Rehabilitation, SysPres	CON													4,925	3,500	1,425				STP FLEXIBLE	
	Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																				
	DES				200	0	200														LOCAL
	CON													860	688	172				STP FLEXIBLE	
Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
MC28. Pukalani Street Pavement Reconstruction, SysPres	DES	200	0	200																LOCAL	
	CON	500	400	100																STP FLEXIBLE	
	Estimated Total Project Cost - \$700,000 -- Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.																				
	DES				150	0	150														STP FLEXIBLE
MC45. South Kihei Road (RTE 3100) Pavement Rehabilitation, SysPres	CON				2,000	1,600	400														
	Estimated Total Project Cost - \$2,150,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.																				
	DES				90	8	82	0	0	0											STP FLEXIBLE
	CON							840	672	168	0	0	0								STP FLEXIBLE
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										STP FLEXIBLE	
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				

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MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	DES				500		0	500												LOCAL	
	CON													3,786	2,600	1,186				STP FLEXIBLE	
	Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.																				
MC33. Waiohonu Bridge Replacement (Hana Highway - Route 360) SysPres	DES	50	0	50																LOCAL	
	CON	4,100	2,800	1,300																BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC34. Waipuilani Bikepath Enhance	DES	300	0	300																STP ENHANCEMENT (Defer, inflate, ROW acquisition and Sect 106 will delay the project)	
	CON							0	0	0	1,664	1,331	333								
	Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.																				
MC51. Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab. SysPres	CON							1,440	1,152	288										STP FLEXIBLE (New project)	
	Estimated Total Project Cost - \$1,800,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.																				
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue SysPres	DES				100		0	100												STP FLEXIBLE	
	CON							3,000	2,400	600											
	Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.																				
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest	DES				110		8	102												STP FLEXIBLE (advance to replace MC34 in '13. No DES or ENV issues anticipated for proposed scope of work. Fed aid reimbursement for DES review added)	
	CON							720	576	144	0	0	0								
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			28,650	21,890	6,760	14,250	7,656	6,594	19,394	14,456	4,938	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	

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COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
MC37. Rural Transportation Program	OPR	844	675	169	1,510	600	910	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
Transit																				
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
Transit	CON	375	300	75																
Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.																				
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
Transit																				
Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																				
MC49. State of Good Repair	EQP/OPR				2,225	1,780	445													FTA SECTION 5309 Bus & Bus
Transit																				Facilities Discretionary (SGR)
Estimated Total Project Cost - \$2,225,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
MAUI : COUNTY OF MAUI - FTA TOTAL		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	

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FUNDING CATEGORY SUMMARY - MAUI																				
IM (Interstate Maintenance)				0			0			0			0			0			0	
NHS (National Highway System)				400			14,765			8,936			4,291			0			5,408	
BRIDGE OFF-SYSTEM				6,160			0			5,552			7,166			240			3,195	
BRIDGE ON/OFF SYSTEM				0			5,408			1,847			0			3,435			4,320	
STP ENHANCEMENT				250			0			0			2,531			0			0	
STP FLEXIBLE				24,648			11,296			12,565			6,777			22,508			4,281	
CMAQ (Congestion Mitigation Air Quality)				0			0			0			0			0			0	
EQUITY BONUS				0			0			0			0			0			0	
DEFENSE ACCESS ROAD FUNDS				0			0			0			0			0			0	
PUBLIC LANDS DISCRETIONARY				0			0			0			0			0			0	
NATIONAL RECREATIONAL TRAILS				359			359			359			359			359			359	
EARMARK - HIGH PRIORITY				0			0			0			0			0			0	
EARMARK - TRANSPORTATION IMPROVEMENT				0			0			0			0			0			0	
EARMARK - SECTION 112				0			0			0			0			0			0	
EARMARK - SECTION 115				0			0			0			0			0			0	
EARMARK - SECTION 117				3,968			0			2,200			0			0			0	
FLHD - Federal Lands Highway Discretionary				0			0			0			0			0			0	
SECTION 1404 - (Safe Routes to School)				0			0			0			0			0			0	
HSIP- Highway Safety Improvement Program				450			556			3,758			0			0			0	
NRCS - National Resources Conservation Service				2,032			0			0			0			0			0	
				0			0			0			0			0			0	
H-3 DISCRETIONARY				0			0			0			0			0			0	
FTA TRANSFER FUNDS				0			0			0			0			0			0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)				0			0			0			0			0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD				0			0			0			0			0			0	
SUBTOTAL				38,267			32,384			35,217			21,124			26,542			17,563	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS				(6,000)			0			(2,200)			0			0			0	
LESS FTA TRANSFER FUNDS				0			0			0			0			0			0	
				0			0			0			0			0			0	
REGULAR FORMULA AUTHORITY		TOTAL		32,267			32,384			33,017			21,124			26,542			17,563	

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KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	2,000	5,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres																				(federalize part of the Hawaii 2012 SMP)
Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																
Ahukini Road to Kuhio Hwy																				
Kaunualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kipu Rd to Huleia Bridge																				
Estimated Total Project Cost - \$63,700,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hawaii.gov/dot/highways/STIP/STIP.htm/ . Qualified and priority SMP projects could receive federal funds should they become available																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
Safety																				
Part 1	DES	100	80	20																
	CON				600	480	120													(Decr by \$400K)
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS26. Kapaa Roundabout Beautification	CON				22	17	5													STP ENHANCEMENT (New TE Eligible Project)
Enhance																				
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road	DES				1,007	806	201													BRIDGE ON/OFF SYSTEM
SysPres	PREROW							110	88	22										(Increase estimate by \$250K)
Improvements and Nawiliwili Bridge Replacement	ROW										787	630	157							
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation	DES										530	424	106							BRIDGE ON/OFF SYSTEM
SysPres	ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.																				
KS27. Kaunualii Highway (Route 50), Bridge Rehabilitation	DES							1,000	800	200										BRIDGE ON/OFF SYSTEM
SysPres																				(New Project - recent weather has accelerated need for improvement)
Hanapepe Bridge																				
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation	ROW				0	0	0	104	83	21										BRIDGE ON/OFF SYSTEM
SysPres	CON													7,350	5,880	1,470				(Defer, inflate. Scoping ongoing)
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.																				
KS6. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON																18,400	14,720	3,680	STP FLEXIBLE
Modern																				
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS9. Kaunualii Highway (Route 50) Safety Improvements in the Vicinity of	CON				1,000	800	200													HSIP (Decr by \$2.6M, another project already address some safety issues)
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							759	607	152										BRIDGE ON/OFF SYSTEM
SysPres	CON													10,500	8,400	2,100				
Kapaia Bridge																				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

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KS13. SysPres	Kuhio Highway (Route 560), Bridge Rehabilitation	DES				1,969	1,575	394												BRIDGE ON/OFF SYSTEM	
	Waioli, Waipa, and Waikoko Stream Bridges	PREROW				112	90	22													
		ROW							562	450	112										
		CON												8,500	6,800	1,700					
		Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																			
KS16. Modern	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. Safety	Kuhio Highway (Route 560) Safety Improvements	CON				1,200	960	240												HSIP - HRRR (Decr by \$300K)	
	Hanalei Bridge to Waikoko Bridge																				
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. Congest	Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N)	CON							416	374	42									HSIP	
	Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effeciency.																				
KS20. Safety	Kuhio Highway (Route 56), Maaliuhuna 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 Maaliuhuna 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. Safety	Maalo Road (RTE 583), Guardrail and Shoulder Improvements	CON	1,082	866	216															STP FLEXIBLE	
	MP 0 - MP 3.92																				
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																					
KS23. Enhance	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.																				
KS28. SysPres	Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	8,000	2,000												STP FLEXIBLE (New Project)	
Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.																					
KS24. Modern	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			10,196	8,157	2,039	23,224	14,979	8,245	16,405	3,565	12,840	21,631	7,705	13,926	39,449	21,959	17,490	36,039	19,231	16,808	

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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 (Incr by \$50K)
	CON				800	640	160													
Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																				
KC4. Hardy Street (Route 572) Improvements Safety	DES/CON				7,000	5,600	1,400													STP FLEXIBLE (Incr by \$2.320M)
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.																				
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	CON				312	250	62													BRIDGE OFF-SYSTEM
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																			BRIDGE OFF-SYSTEM
	DES													400	320	80				
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																				
KC7. Kapahi Bridge Replacement SysPres	CON				0	0	0							5,600	4,480	1,120				BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																				
KC20. 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 & D																				STP ENHANCEMENT (Changed Phase C to incl Phase D)
	CON	6,700	6,700	0																
	PLN				21	21	0													
	DES				104	104	0													
	ROW				260	260	0													
	CON							1,560	1,560	0										
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy& continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																				
KC18. Maluhia Road (Route 520) Improvements Modern	DES													1,200	960	240				STP FLEXIBLE (add federalized design, defer ROW and CON)
	ROW													0	0	0				
	CON																0	0	0	
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							1,217	973	244										STP FLEXIBLE
SysPres																				
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 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	10,517	8,895	1,622	3,902	3,633	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
KC17. Rural Transportation Program	OPR	717	574	143	1,125	600	525	760	608	152	781	625	156	803	642	161	824	659	165	FTA SECTION 5311
Transit	EQP	127	101	26	130	104	26	134	107	27	138	110	28	141	113	28	145	116	29	FTA SECTION 5311
Estimated Total Project Cost - \$5,400,000 -- Operate public transit system.																				
KC21. State of Good Repair	EQP/OPR				2,376	1,900	476													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit																				
Estimated Total Project Cost - \$2,376,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0		0		0		0		
NHS (National Highway System)			5,200			0			0			0		80			0		0	
BRIDGE OFF-SYSTEM			160			890			100			4,000		4,800				0		
BRIDGE ON/OFF SYSTEM			0			2,471			2,860			1,054		21,548				0		
STP ENHANCEMENT			6,700			2,422			2,560			7,580		0				0		
STP FLEXIBLE			4,434			16,080			1,053			800		1,040				18,980		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0				0		
EQUITY BONUS			0			0			0			0		0				0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0				0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0		0				0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251		251				251		
EARMARK - HIGH PRIORITY			0			0			0			5,600		0				0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0				0		
EARMARK - SECTION 112			0			0			0			0		0				0		
EARMARK - SECTION 115			0			0			0			0		0				0		
EARMARK - SECTION 117			0			0			0			0		0				0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0		0				0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0		0				0		
HSIP- Highway Safety Improvement Program			135			1,760			374			0		0				0		
NRCS - National Resources Conservation Service			0			0			0			0		0				0		
			0			0			0			0		0				0		
H-3 DISCRETIONARY			0			0			0			0		0				0		
FTA TRANSFER FUNDS			0			0			0			0		0				0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0				0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0				0		
	SUBTOTAL		16,880			23,874			7,198			19,285			27,719			19,231		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		16,880			23,874			7,198			13,685			27,719			19,231		

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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		494,547	87,630	406,917	837,790	271,140	566,650	1,206,127	300,024	906,103	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	
FTA TOTAL		505,788	96,701	409,087	874,565	299,181	575,384	1,210,633	303,714	906,919	1,076,236	287,944	788,292	833,895	240,426	593,469	574,157	280,916	293,241	

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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)	
<u>FHWA SUMMARY</u>																				
STATEWIDE		41,705	10,430	31,275	42,710	11,174	31,536	49,060	16,454	32,606	46,031	14,031	32,000	46,007	14,012	31,995	46,789	14,637	32,152	
Oahu - State		50,344	41,066	9,278	58,238	40,283	17,955	212,002	59,681	152,321	121,806	64,482	57,324	115,124	111,763	3,361	175,795	147,066	28,729	
City and County of Honolulu		39,056	15,329	23,727	26,208	16,705	9,503	29,952	17,519	12,433	72,642	14,393	58,249	55,178	38,447	16,731	84,067	64,756	19,311	
ISLAND OF OAHU		89,400	56,395	33,005	84,446	56,988	27,458	241,954	77,200	164,754	194,448	78,875	115,573	170,302	150,210	20,092	259,862	211,822	48,040	
Hawaii - State		25,888	21,800	4,088	126,175	106,740	19,435	140,050	97,047	43,003	65,910	48,697	17,213	56,944	46,355	10,589	27,344	7,555	19,789	
County of Hawaii		13,660	10,928	2,732	1,680	1,344	336	15,450	12,360	3,090	28,380	16,704	11,676	24,250	25,400	(1,150)	5,500	4,400	1,100	
ISLAND OF HAWAII		39,548	32,728	6,820	127,855	108,084	19,771	155,500	109,407	46,093	94,290	65,401	28,889	81,194	71,755	9,439	32,844	11,955	20,889	
Maui - State		20,471	16,377	4,094	45,883	24,728	21,155	37,929	20,761	17,168	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	14,250	7,656	6,594	19,394	14,456	4,938	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	
ISLAND OF MAUI		49,121	38,267	10,854	60,133	32,384	27,749	57,323	35,217	22,106	48,496	21,124	27,372	54,904	26,542	28,362	42,454	17,563	24,891	
Kauai - State		10,196	8,157	2,039	23,224	14,979	8,245	16,405	3,565	12,840	21,631	7,705	13,926	39,449	21,959	17,490	36,039	19,231	16,808	
County of Kauai		9,210	8,723	487	10,517	8,895	1,622	3,902	3,633	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	
ISLAND OF KAUAI		19,406	16,880	2,526	33,741	23,874	9,867	20,307	7,198	13,109	34,211	19,285	14,926	46,649	27,719	18,930	36,039	19,231	16,808	
FHWA TOTAL		239,180	154,700	84,480	348,885	232,504	116,381	524,144	245,476	278,668	417,476	198,716	218,760	399,056	290,238	108,818	417,988	275,208	142,780	

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FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			1,520			1,520			10,316			20,385			47,300		
NHS (National Highway System)			18,531			27,911			70,655			45,936			65,695			48,483		
BRIDGE OFF-SYSTEM			11,120			1,690			8,262			13,246			5,920			4,555		
BRIDGE ON/OFF SYSTEM			6,650			41,442			14,033			20,504			65,331			49,180		
STP ENHANCEMENT			8,950			9,222			3,140			12,031			6,680			4,320		
STP FLEXIBLE			91,639			87,275			51,394			59,201			103,631			113,774		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
EARMARK - HIGH PRIORITY			0			20,800			70,000			27,465			15,000			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			0			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			1,000			1,000			1,000		
HSIP- Highway Safety Improvement Program			5,314			14,972			12,776			2,821			400			400		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			4,300			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			476			0			0			0			0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		154,700			232,504			245,476			198,716			290,238			275,208		
LESS FTA TRANSFER FUNDS			(11,000)			(47,276)			(81,500)			(32,465)			(20,000)			(5,000)		
REGULAR FORMULA AUTHORITY	TOTAL		143,700			185,228			163,976			166,251			270,238			270,208		