

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :DRAFT REVISION #12  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: January 7, 2013

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT																						
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
STATEWIDE - FHWA																						
S1. Enhance	Bikeway Improvements at Various Locations, Statewide	DES										300	240	60				300	240	60	STP FLEXIBLE	
		ROW										50	40	10				50	40	10		
		CON													2,000	1,600	400					
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																						
S27. Enhance	Hawaii Scenic Byways Statewide Signage	DES/CON				78	78	0													NATIONAL SCENIC BYWAYS NEW PROJECT	
		Estimated Total Project Cost - Design, Manufacture and install directional and byway identification signage on four state byways located on Hawaii and Kauai islands. Signage will be consistent with the State's Scenic Byway Program.																				
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	700	630	70	700	630	70	700	630	70	700	630	70	HSIP  (increase annual funding level from \$500k to \$700K)	
Estimated Total Project Cost - \$4,000,000 -- 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 Architecture Plan for Non-Metro areas of the State (neighbor islands).																						
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations	DES							200	160	40				0	0	0	200	160	40	STP FLEXIBLE  (defer program 1 year, 2013 desgin may be possible if Ped Master Plan is completed before the 3rd qtr. No inflation. Scope of improvements to fit into yearly allocation)	
		CON										0	0	0	2,000	1,600	400	0	0	0		
		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																				SAFE ROUTES TO SCHOOL	
Non-infrastructure Infrastructure	Pln/Des	300	300	0				300	300	0	300	300	0	300	300	0	300	300	0			
	Pn/Ds/Co							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.																						

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S13.	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
Safety		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Kaunualii Hwy (Route 50)		CON	1,500	1,200	300																STP FLEXIBLE
Maluhia Road to Mana																					
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
SysPres																					
Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the stat																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON							0	0	0	3,570	2,856	714							
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,788	11,252	31,536	45,760	13,884	31,876	47,801	15,517	32,284	48,007	15,682	32,325	45,189	13,427	31,762	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	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	1,435	1,145	290	1,475	1,190	295	1,565	1,250	315	FTA SECTION 5310
Human																				(grant estimates increased MAP 21)
Estimated Total Project Cost - \$7,222,000 -- 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	400	200	200	0	0	0	0	0	0	0	0	0	FTA SECTION 5316 (JARC)
Human																				(This program has been discontinued under MAP 21)
Estimated Total Project Cost - \$898,000 - Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses:																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	260	130	130	0	0	0	0	0	0	0	0	0	FTA SECTION 5317 (New Freedom)
Human																				(this program has been discontinued under MAP 21)
Estimated Total Project Cost - \$536,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses																				
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	2,173	1,626	547	2,023	1,704	319	2,081	1,766	325	2,190	1,844	346	

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			0			0			0			0			0			0		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
BRIDGE ON/OFF SYSTEM			2,400			2,400			3,840			2,400			2,400			2,400		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			2,330			3,452			3,414			6,487			6,652			4,397		
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			0			0			0			0			0			0		
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			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			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			400			400			630			630			630			630		
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		10,430			11,252			13,884			15,517			15,682			13,427		
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			6,252			8,884			10,517			10,682			8,427		

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OAHU : STATE - FHWA																					
OS87.	Bridge and Pavement Improvement Program, Oahu	CON							36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE
SysPres	Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																
	Popoi Place to Renton Road, MP 0.00 to 3.99																				
	Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																
	Kahuapaani St (Route 7241) Resurfacing	CON				8,250	6,600	1,650													
	Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																				
	Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																
	Kapaa Quarry to Kalaheo																				
	Interstate Route H-1, Airpor Viaduct Improvements	CON				30,000	24,000	6,000													
	Valkenburg Street to Middle Street																				
	Vineyard Blvd (Route 98) Resurfacing	CON				9,750	500	9,250													
	Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON							7,300	(7,300)											
Estimated Total Project Cost - \$189,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.html/">http://hawaii.gov/dot/highways/STIP/STIP.html/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
OS1.	Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100															STP FLEXIBLE	
SysPres	Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe.																				
OS2.	Farrington Highway (Route 93), Bridge Rehabilitation	ROW									551	441	110							BRIDGE ON/OFF SYSTEM	
SysPres	Ulehawa Stream Bridge																				
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS3.	Farrington Highway (Route 93), Bridge Replacement	CON												13,500	5,000	8,500	0	0	0	BRIDGE ON/OFF SYSTEM	
SysPres	Maipalaoa Bridge	ADVCON															0	5,800	(5,800)	(advance from 2016)	
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82.	Farrington Highway (Route 93), Bridge Replacement	ROW									1,080	864	216							BRIDGE ON/OFF SYSTEM	
SysPres	Makaha Bridges #3 & #3A	CON									16,225	1,000	15,225							(re-distribute AC conversion)	
		ADVCON												0	11,980	(11,980)					
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							3,120	1,000	2,120									STP FLEXIBLE	
Safety	at Haleakala Avenue (Route 8743)	ADVCON										0	1,496	(1,496)							
		CON							4,720	2,000	2,720									HSIP	
		AVDCON										0	2,248	(2,248)						EARMARK - HIGH PRIORITY	
		CON							1,000	800	200										
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																				(use Advnace Construction to fund)	
OS5.	Farrington Highway (Route 93) Intersection Improvements	CON							5,720	1,000	4,720									HSIP	
Safety	at Nanakuli Avenue (Route 8744)	ADVCON										0	4,148	(4,148)							
		CON							3,120	1,000	2,120									STP FLEXIBLE	
		ADVCON										0	1,496	(1,496)							
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.																				(use Advnace Construction to fund)	
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														0	0	0	0	STP FLEXIBLE	
Modern	Farrington Highway (Route 9107) to Barber's Point Gate																			(defer - reprioritization for financial constraint)	
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.																					

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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)	
OS8. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1																				NHS	
	CON	7,000	5,600	1,400																	
Part 2																				(defer to 2014 - funding not need in 2013. This is an allocation of funds, no inflation is necessary) (use advance construction funding)	
	CON								0	0	0	3,500	800	2,700							
	ADVCON													0	2,000	(2,000)					
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																				
OS9. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 1																				INTERSTATE MAINTENANCE	
	DES					1,900	1,520	380													
	CON											5,000	1,000	4,000							
	ADVCON													0	3,000	(3,000)					
Part 2																				(use advance construction funding)	
	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.																				
OS10. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B		DES							0	0	0	1,940	1,552	388						INTERSTATE MAINTENANCE (defer and inflate DES to 2014 - funding not need in 2013)	
		CON															10,000	8,000	2,000		
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																					
OS11. Freeway Management System, 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							2,500	2,250	250						NHS (Add funds in 2014)	
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	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHS (FSP has expanded. More funds are necessary to meet this expansion)
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																				HSIP (defer and inflate still no Design Contract)	
		CON							0	0	0	2,142	1,714	428							
		DES													250	200	50				
		CON															3,000	2,400	600		
Phase 3		DES															250	200	50	INTERSTATE MAINTENANCE	
	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 Phase II																				NHS	
		CON				4,500	3,600	900													
		CON															2,704	2,434	270		
Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.																					
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Halona Street Bridge)		DES	775	620	155															BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																					
OS88. Interstate Route H-1, Corridor Study Modern		PLN				2,500	2,000	500												NHS	
Estimated Total Project Cost - \$2,500,000 -- Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.																					
OS17. Interstate Route H-1, Eastbound Improvements, Modern Vicinity of Ola Lane to Vineyard Blvd Off-Ramp		ROW							0	0	0									NHS (Defer OS17 out of the 11-14 STIP)	
		DES/CON							0	0	0										
		ADVCON										0	0	0	0	0	0		0		0
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.																					

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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)	
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 ADVCON										6,860	1,000	5,860		0	4,488	(4,488)			INTERSTATE MAINTENANCE (use advance constuction funding)
Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																				
OS22. Interstate Route H-1, Kapolei Interchange Complex Modern Phase 2	CON CON ADVCON							4,800	4,300	500										INTERSTATE MAINT. DISCR NHS
Phase 3	DES ROW										0	19,030	(19,030)	560	448	112				NHS NHS
Phase 4	DES ROW													540	432	108				NHS NHS
Estimated Total Project Cost - \$60,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalalai and Makakilo Interchanges.																				
OS83. Interstate Route H-1, Installation of Access Control SysPres Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON	2,500	2,250	250																STP FLEXIBLE
Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions																				
OS23. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp Congest	DES/CON													5,850	5,265	585				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.																				
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct SysPres Improvements, Phase 2	CON																23,250	20,925	2,325	INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.																				
OS25. Interstate Route H-1, PM Contraflow, Westbound Modern Waiawa IC Improvements (four WB through lanes), Phase I	CON																17,525	15,775	1,750	INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.																				
OS90. Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of SysPres Ward Avenue	CON ADVCON							35,000	16,500	18,500		0	15,000	(15,000)						NHS NEW PROJECT
Estimated Total Project Cost - \$27,500,000 -- cold plane & resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new hwy lighting; and other misc work to accommodate the extra through lane																				
OS27. Interstate Route H-1, Waiawa Interchange, Modern Westbound, Waipahu Off-Ramp Improvements	DES																3,432	2,745	687	NHS
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																				
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of Safety Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES CON	150	135	15				1,600	1,440	160										HSIP
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, SysPres Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS84. <span>Enhance</span> Kalanianaʻole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	CON										0	0	0	250	200	50			EARMARK-HIGH PRIORITY		
	CON										0	0	0	2,453	1,962	491			STP ENHANCEMENT		
																			(defer and inflate no environmental docs)		
OS33. <span>SysPres</span> Kalanianaʻole Highway (Route 72), Bridge Replacement Inoaʻole Stream Bridge, Waimanalo	CON													9,360	7,488	1,872			STP FLEXIBLE		
OS34. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	2,000	11,520						NHS		
	ADVCON													0	8,816	(8,816)			(use advance construction funding)		
OS35. <span>Safety</span> Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180						NHS		
OS37. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON													16,225	12,980	3,245			BRIDGE ON/OFF SYSTEM		
OS39. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW								189	152	37								BRIDGE ON/OFF SYSTEM		
	CON										0	0	0	8,775	7,020	1,755			(defer and inflate - reprioritization for financial constraint)		
OS40. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	PREROW								0	0	0	102	81	21					BRIDGE ON/OFF SYSTEM		
	ROW										0	0	0	275	220	55			(defer and inflate. No contract yet)		
OS41. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge	PREROW	200	160	40															BRIDGE ON/OFF SYSTEM		
	ROW								260	208	52								(change scope from rehab to replacement)		
OS43. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Kaluanui Stream Bridge	PREROW								0	0	0	53	43	10					BRIDGE ON/OFF SYSTEM		
	ROW										0	0	0	612	490	122			(defer and inflate. Re-doing design due to historic bridge inventory study.)		
OS45. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	CON																9,735	7,788	1,947		
OS48. <span>SysPres</span> Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	PREROW				100	80	20												BRIDGE ON/OFF SYSTEM		
	ROW								0	0	0	965	772	193					(defer and inflate. Cat Ex not complete. Cannot acquire ROW w/o env docs)		
OS49. <span>SysPres</span> Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge	PREROW								0	0	0	102	81	21					BRIDGE ON/OFF SYSTEM (defer and inflate. Awaiting contract execution)		
	ROW										0	0	0	1,125	865	260			EARMARK-HIGH PRIORITY (defer. No inflation. The earmark allocation is what is currently available for ROW)		
	CON																17,300	13,840	3,460		
																			BRIDGE ON/OFF SYSTEM		
								</													



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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS50.	Kamehameha Highway (Route 83), Bridge Replacement	PREROW							0	0	0				108	85	23			BRIDGE ON/OFF SYSTEM (defer and inflate. Terminating existing DES contract. Need to reprocur consultant)	
		ROW							0	0	0				540	432	108				
SysPres	Waiahole Bridge	CON										0	0	0				11,253	1,000		
		ADVCON												0	0	0			10,253		
Estimated Total Project Cost - \$11,500,000 - replace the existing bridge																					
OS51.	Kamehameha Highway (Route 83), Bridge Replacement	PREROW				100	80	20												BRIDGE ON/OFF SYSTEM  (construction cost estimate has increased by \$3.7 million)	
SysPres	Waikane Stream Bridge	ROW							260	208	52										
Estimated Total Project Cost - \$8,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards																					
OS56.	Kamehameha Highway (Route 83), Rockfall Protection	PREROW				50	40	10												NHS  (defer and inflate. There is no DES contract yet)	
Safety	at Waimea Bay, MP 5.4 to MP 5.52	ROW							0	0	0	460	368	92							
		CON												0	0	0	9,690	7,752	1,938		
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	CON							1,528	1,375	153									HSIP	
Safety	Valley Road to Kaaawa Bridge																				
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	DES	200	180	20															HSIP	
Safety	Vic. Of Pohuehue Road to Waikane Valley Road	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	CON							1,702	1,533	169									HSIP	
Safety	Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road																				
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	DES	700	560	140															NHS	
Safety	Vicinity of Hauula (#14)																				
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	DES	700	560	140															NHS	
Safety	Vicinity of Kaaawa (#10)																				
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,	CON										0	0	0	6,885	5,508	1,377			NHS (defer and inflate. ACOE to DES)	
Safety	Vicinity of Punaluu (#9)																				
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,	CON													6,240	4,992	1,248			NHS	
Enhance	Vicinity of Ukoa Pond																				
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.																					
OS91.	Kualakai Parkway (Route 8930) Extension	CON													17,000	13,600	3,400			STP FLEXIBLE NEW PROJECT	
Modern																					
Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.																					
OS69.	Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to	CON							8,840	7,072	1,768									STP ENHANCEMENT	
Enhance	Hawaiian Railway Society Train Station																				
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.																					
OS70.	Leeward Bikeway, Phase II, Hawaiian Railway Society Train	DES	2,500	2,000	500															STP ENHANCEMENT	
Enhance	Station to Luualalei Naval Road	PREROW							100	80	20										
		ROW													2,750	2,200	550				
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.																					
OS71.	Moanalua Freeway (Route 78) and Interstate Route H-2	CON													6,000	4,800	1,200			NHS	
Safety	Guardrail and Shoulder Improvements																				
Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																					

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OS72.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON										0	0	0	6,000	4,800	1,200			NHS	
<span>SysPres</span>	MP 1.12 to MP 4.09 ( Halawa Hts. Off-Ramp to Middle St. Overpass)																			(defer and inflate- reprioritization for financial constraint)	
			Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).																		
OS73.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON										2,340	1,872	468						NHS	
<span>SysPres</span>	MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)																				
			Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).																		
OS74.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM
<span>SysPres</span>	Puuloa Interchange, Ramp "A"																				
			Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.																		
OS75.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM
<span>SysPres</span>	Puuloa Separation																				
			Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.																		
OS89.	Nimitz Highway (Rte 92) and Honolulu Harbor	DES							550	476	74										FERRY BOAT DISCRETIONARY
<span>Congest</span>	Pier 19 Intersection Improvements																				
			Estimated Total Project Cost - \$700,000 -- Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19.																		
OS79.	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)
<span>Enhance</span>																					
			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.																		
OS81.	Vineyard Blvd (Route 98) Improvements, Vicinity of	DES							52	0	52										LOCAL LOCAL
<span>Modern</span>	Queen's Medical Center	CON							12,480	0	12,480										
			Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.																		
OAHU : STATE - FHWA TOTAL			44,344	36,266	8,078	59,509	40,507	19,002	152,000	54,881	97,119	100,419	65,141	35,278	164,647	127,979	36,668	159,878	101,280	58,598	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																				
OS85.	JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70	140	70	70									FTA SECTION 5316 (JARC) Small Urban
Human																				(this is the last year of funding through this program. Discontinued under MAP 21.
Estimated Total Project Cost - \$455,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses																				
OS86	New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60	232	116	116									FTA SECTION 5317 (New Freedom) Small Urban
Human																				(this is the last year of funding through this program. Discontinued under MAP 21.
Estimated Total Project Cost - \$496,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses																				
OAHU : STATE - FTA TOTAL			319	255	64	260	130	130	372	186	186	0	0	0	0	0	0	0	0	0

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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
OC2. Safety	Alapai Transportation Management Center																				
		DES				1,000	0	1,000													LOCAL
		DES	4,500	4,400	100																STP FLEXIBLE
		CON							0	0	0	16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087	STP FLEXIBLE
		CON	13,375	0	13,375	4,000	0	4,000													LOCAL
																					STP FLEXIBLE (federalize and advance all funding to 2013)
		DES							6,541	5,600	941	460	0	460	1	0	1	1	0	1	STP FLEXIBLE
		EQP													1	0	1	1,700	0	1,700	LOCAL
OC3. Enhance	Bicycle Projects	EQP							10	0	10				10	0	10				LOCAL
		PLN	1	0	1										1	0	1	1	0	1	LOCAL
		ROW	1	0	1										1	0	1	1	0	1	LOCAL
		CON	2106	1556	550																STP FLEXIBLE
		PLN										100	0	100							LOCAL
		DES													100	80	20				STP FLEXIBLE (New phase)
		DES				1	0	1													LOCAL
		CON				620	496	124													STP FLEXIBLE
		CON							190	0	190	250	200	50							STP FLEXIBLE
						325	260	65													STP FLEXIBLE
		DES							100	80	20										STP FLEXIBLE
		CON										0	0	0	800	640	160				STP FLEXIBLE (defer and increase cost)
		ROW							1	0	1	1	0	1							LOCAL (clarified titel to include Monsarrat Ave.)
		PLN							1	0	1										LOCAL
		DES	148	0	148																LOCAL
		CON							760	560	200										STP FLEXIBLE (estimate increased)
		DES										500	400	100							STP FLEXIBLE (New phase)
		CON																2000	1600	400	LOCAL
		DES							40	0	40										LOCAL
		CON							80	0	80	320	0	320							LOCAL (un-federalize CON)
		DES										100	0	100							LOCAL
		CON													300	0	300				LOCAL (New phase)
		CON													280	160	120	250	200	50	STP FLEXIBLE (New phase)

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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				1	0	1									LOCAL
			CON				3,307	2,527	780												STP FLEXIBLE
	Phase 14: Mililani Town - Part 1		CON							0	0	0						3,385	2,708	677	STP FLEXIBLE
	Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa																				(defer and inflate)
	Ph 15 - Mililani Town - Part 2		DES	250	200	50															
	Ph 16 - Wahiawa		DES				375	300	75												
			CON												0	0	0				
	Phase 17: Makakilo Area		DES							0	0	0						420	336	84	STP FLEXIBLE
			CON															0	0	0	(defer and inflate)
			EQP															0	0	0	
OC6. Kapolei Parkway (Route 8920) Congest	Phase 18: Nanakuli Area		DES										0	0	0						STP FLEXIBLE (defer to out years)
	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.																				
	DES		1	0	1																LOCAL
	Urban Core 4: Kunehi Street to Kamaaha Ave		CON	5,200	0	5,200															STP FLEXIBLE
	Urban Core 5: Kamaaha Ave to Kamokila Blvd		CON	3,388	0	3,388															LOCAL
			CON	7,813	7,813	0															STP FLEXIBLE
	Urban Core 4A: Kamaaha Intersection		CON				773	0	773	2,200	0	2,200									LOCAL (adding more Local \$)
			CON				3,164	3,164	0												STP FLEXIBLE
Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																					
OC7. Makakilo Drive (Route 8810) Extension Modern	Phase 1		CON									0	0	0	23,452	0	23,452				LOCAL (defer and inflate)
	Phase 2		CON															0	0	0	STP FLEXIBLE (defer to out years)
	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	Salt Lake Blvd (7311) Route Widening		CON									22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
	Maluna Street to Ala Liliiko Street																				
	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliiko Street.																				
OC9. Seismic Bridge Retrofit SysPres	Seismic Bridge Retrofit		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	Kuakini Street Extension		PLN				10	0	10												LOCAL
			DES				10	0	10												LOCAL
			CON							2,825	2,237	588									STP FLEXIBLE (reduce estimate)
Estimated Total Project Cost - \$4,783,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Improvements at Various Locations Safety Palolo Traffic Calming Area	ROW							0	0	0										LOCAL	
	PLN							0	0	0										LOCAL	
	DES	300	0	300				200	0	200										LOCAL	
	CON							0	0	0	2,409	1,927	482	990	0	990				STP FLEXIBLE (defer and new cost estimates)	
	Waiakamilo and Dillingham Intersection/Harding Ave and 5th and 11th Aves.	DES				1	0	1	300	0	300									LOCAL (adding intersections)	
	CON							1,418	930	488	601	401	200							STP FLEXIBLE (2 phases???)	
Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.																					
TBD- Waikiki Area	ROW																			STP FLEXIBLE (identified location and reprogrammed funding accordingly)	
	PLN							50	0	50	0	0	0	80	60	20				LOCAL	
	DES							0	0	0	100	50	50							LOCAL	
	CON										0	0	0	300	240	60				STP FLEXIBLE	
TBD- Kalaheo Ave and Kailua Road	ROW										50	0	50	110	80	30				STP FLEXIBLE (identified location and reprogrammed funding accordingly)	
	PLN										50	0	50	50	0	50				LOCAL	
	DES										618	400	218							STP FLEXIBLE	
	CON													1,750	1,400	350				STP FLEXIBLE	
TBD- Village Park and Kupuna Loop	ROW																200	160	40	STP FLEXIBLE (identified location and reprogrammed funding accordingly)	
	PLN																0	0	0	LOCAL	
	DES													450	360	90				STP FLEXIBLE	
	CON																2,815	2,250	565	STP FLEXIBLE	
TBD	DES										200	0	200	200	0	200	800	0	800	LOCAL	
	CON																500	400	100	STP FLEXIBLE	
Estimated Total Project Cost - \$11,915,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																					
OC30. Traffic Signal Maintenance Facility Congest	DES							1	0	1	70	0	70							LOCAL	
	ROW										10	0	10								
	EQP							1	0	1											
	CON							5,000	4,000	1,000										STP FLEXIBLE (New Project)	
Estimated Total Project Cost - \$5,082,000 -- Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.																					
OC26. Traffic Signal Optimization Congest	DES				450	360	90													STP FLEXIBLE	
	DES				1,020	816	204													STP FLEXIBLE	
Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo																					
Estimated Total Project Cost - \$1,470,000 -- Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC11. Traffic Signals at Various Locations Congest Phase 13 - University area, <b>Harding Ave/4th Ave</b> , S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St  Install new traffic signals at University Ave/Coyne St, and at Harding Ave/4th Ave. Modify existing traffic signals at University Ave/Metcalf St (left turn phase), University Ave/Maile Way (left turn phase), Beretania St/Ward Ave (audio ped signal), Beretania/River St (upgrade), and Kapiolani Blvd/Date St (upgrade). Phase 14 - 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 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 - <b>Kahuhipa St/Kawa St</b> , S. King St/Keala Makai St, <b>S-King St/Cooke St</b> , S. King St/Pensacola St, South St/Kawaihao St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihao St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal). Phase 16 - 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/Nanaiekeola St, Neho St/Mott-Smith Dr Phase 17  Phase 18  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.	CON				3,270	2,625	645												STP FLEXIBLE LOCAL		
	EQP	1	0	1																	
	PLN	1	0	1					1	0	1										LOCAL
	DES	350	280	70																	STP FLEXIBLE
	CON								4,408	3,782	626										STP FLEXIBLE (revise estimate)
	EQP								1	0	1										LOCAL
	PLN																				LOCAL
	DES					430	380	50													STP FLEXIBLE
	CON																				STP FLEXIBLE (revise estimate)
	EQP												3,000	2,349	651						LOCAL
	PLN																				LOCAL
	DES																				STP FLEXIBLE (advance DES)
	CON																				STP FLEXIBLE (revise CON estimate)
	EQP																				LOCAL
	PLN																				LOCAL
DES																				STP FLEXIBLE (advance DES)	
CON																				STP FLEXIBLE	
EQP																				LOCAL	
PLN																				LOCAL	
DES																				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, Safety East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30																LOCAL	
	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	19,807	11,648	8,159	25,479	18,269	7,210	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952	

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	OPR		230		115		115		422		190		232		426		191		235		408		204		204		428		214		214		354		177		177	FTA \$5317 NF Urb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC16. Local Shuttle Service																					
Human		EQP							65	52	13										
		OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	
		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.																			
OC17. Middle Street Intermodal Center																					
Transit		PLN																1	0	1	
		DES	300	0	300										2,500	0	2,500	200	0	200	
		CON													1,810	1,327	483	29,322	23,458	5,864	
		EQP																1	0	1	
		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	
		OPR	100	80	20	54	43	11	54	43	11						62	49	13		
		EQP										12	10	2	13	10	3	14	11	3	
		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	
		OPR				45,584	27,161	18,423													
		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																
		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	
		DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
		CON							1	0	1	1	0	1	1	0	1	1	0	1	
		EQP							413	330	83	413	330	83	413	330	83	413	330	83	
		EQP				455	365	90													
		EQP							754	364	390										
		Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility																					
Transit		PLN							0	0	0	1	0	1	1	0	1	1	0	1	
		ROW							0	0	0	1,000	0	1,000	1	0	1	1	0	1	
		DES							0	0	0	50	0	50	8,000	0	8,000	1	0	1	
		CON													1	0	1	21,500	17,200	4,300	
		RELOC													1	0	1	1	0	1	
		EQP										1,000	0	1,000							
		Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			
OC23. Windward Transit Center																					
Transit		PLN							0	0	0	1	0	1	1	0	1				
		ROW							0	0	0	1	0	1	1	0	1				
		DES							0	0	0	200	0	200	200	0	200				
		CON										3,000	0	3,000							
		INSP							0	0	0	150	0	150	1	0	1				
		EQP										1	0	1	1	0	1				
		Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL			90,447	37,630	52,817	116,790	71,140	45,650	1,825,602	556,030	1,269,572	1,073,626	284,146	789,480	830,748	236,520	594,228	570,876	276,900	293,976	

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FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			25,520		0			4,380			27,873			47,300			
NHS (National Highway System)			11,720			7,440		24,650			45,190			35,297			16,081			
BRIDGE OFF-SYSTEM			720			720		800			2,000			800			1,280			
BRIDGE ON/OFF SYSTEM			3,930			160		568			3,282			38,207			37,612			
STP ENHANCEMENT			2,000			0		7,152			0			4,162			0			
STP FLEXIBLE			30,859			18,028		26,769			15,385			53,008			37,014			
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0			
EQUITY BONUS			0			0		0			0			0			0			
DEFENSE ACCESS ROAD FUNDS			0			0		0			0			0			0			
PUBLIC LANDS DISCRETIONARY			0			0		0			0			0			0			
NATIONAL RECREATIONAL TRAILS			287			287		287			287			287			287			
EARMARK - HIGH PRIORITY			0			0		800			0			1,065			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0			
EARMARK - SECTION 112			0			0		0			0			0			0			
EARMARK - SECTION 115			0			0		0			0			0			0			
EARMARK - SECTION 117			0			0		0			0			0			0			
FLHD - Federal Lands Highway Discretionary			0			0		0			0			0			0			
SECTION 1404 - (Safe Routes to School)			0			0		0			0			0			0			
HSIP- Highway Safety Improvement Program			2,079			0		7,348			9,010			0			0			
NRCS - National Resources Conservation Service			0			0		0			0			0			0			
			0			0		0			0			0			0			
H-3 DISCRETIONARY			0			0		0			0			0			0			
FTA TRANSFER FUNDS			0			0		0			0			0			0			
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0		4,300			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		476			0			0			0			
	SUBTOTAL		51,595			52,155		73,150			79,534			160,699			139,574			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0		(5,576)			0			(1,065)			0			
LESS FTA TRANSFER FUNDS			0			0		0			0			0			0			
			0			0		0			0			0			0			
REGULAR FORMULA AUTHORITY	TOTAL		51,595			52,155		67,574			79,534			159,634			139,574			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HAWAII : STATE - FHWA																				
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	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	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	CON				0	0	0	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																
Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																
Kohala Mtn Road (Route 250) PPM	CON	3,200	2,560	640																
Waiakea Jnc. Toward Hawi MP 2.54 to 6.44																				
Route 190 Resurfacing	CON	5,100	4,080	1,020																
Makalei to Palani Jnc., MP 27.63 to 35.3																				
Volcano Road (Route11) PPM	CON	3,600	2,880	720																
Inbound Lanes of Keaau Bypass to Panaewa Bridge																				
Akoni Pule Hwy (Route 270) Pavement Preventative Maintenance	CON				2,125	1,700	425													
Hawi Town to Kaapau Town - MP 21.22 to MP 23.47																				
Mamalahoa Hwy (Route 11) Pavement Preventative Maintenance	CON				3,375	2,700	675													
Kaapuna to Kaahe - MP 92.49 - MP 96.5																				
Volcano Road (Route11) Pavement Preventative Maintenance	CON				6,000	4,800	1,200													
Keeau to Mountain View - MP 8.6 to MP 13.4																				
Estimated Total Project Cost - \$92,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) unding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a> . Qualified and priority SMP projects could receive federal funds should they become available																				
HS3. Crater Rim Road (NPS)	CON				7,500	7,500	0													FED. LANDS HWY
Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																				
HS4. Guardrail and Shoulder Improvements, Various Locations	DES										0	0	0	1,020	816	204				STP FLEXIBLE
	CON																1,400	0	1,400	(defer and inflate - reprioritization for financial constraint)
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																				
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													
	ROW										0	0	0	1,112	890	222				(Defer and inflate. No negotiated fee. No executed contract)
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements	CON							0	0	0	4,411	529	3,882							BRIDGE ON/OFF SYSTEM
	ADVCON													0	3,000	(3,000)				(defer and inflate. ROW maps are needed. Use Adv Con Funding)
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	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	CON										1,456	1,165	291							NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS10.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON	1,514	1,211	303															NHS	
<span>Safety</span>	Papalele Rd towards Kaunaloa Bridge																				
			<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaunaloa Bridge.</i>																		
HS11.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON																1,500	1,200	300	NHS
<span>Safety</span>	Kaala Bridge Towards Kealakaha Bridge																				
			<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																		
HS12.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	DES				112	90	22												NHS	
<span>Safety</span>	Waipunahina Bridge to East Paaulo Bridge	CON													1,660	1,328	332				
			<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																		
HS13.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	CON							0	0	0				36,500	12,000	24,500			NHS	
<span>Safety</span>	Phase I (Laupahoehoe Gulch)	ADVCON										0	0	0	0	0	0	0	5,000	(5,000)	(defer and inflate, HWY-H initiated immediate safety improvements)
			<i>Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																		
HS14.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	DES							624	499	125									NHS	
<span>Safety</span>	Phase II (Maulua Gulch)																				
			<i>Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.</i>																		
HS38.	Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing	CON				2,000	1,800	200												HSIP	
<span>Safety</span>	Vic. of Laupahoehoe Gulch to Kaawali Gulch	CON				7,000	5,600	1,400												NHS	
			<i>Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches</i>																		
HS16.	Hilo Bayfront Highway (Route 19), Shoreline Protection	DES				1,000	800	200												STP FLEXIBLE	
<span>SysPres</span>		PREROW				115	92	23													
		CON													3,500	2,800	700				
			<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																		
HS18.	Kawaihae Road Bypass,	DES							0	0	0				3,400	2,720	680			NHS	
<span>Modern</span>	Waimea to Kawaihae, Phase 1 (First 5 miles)	PREROW							0	0	0				104	83	21			(defer and inflate - reprioritization for financial constraint)	
			<i>Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.</i>																		
HS19.	Kawaihae Road (Route 19), Waiake Stream Bridge Replacement	DES				1,144	915	229												BRIDGE ON/OFF SYSTEM	
<span>SysPres</span>	and Realignment of Approaches	PREROW				50	40	10												(defer and inflate - reprioritization for financial constraint)	
		ROW										0	0	0	2,120	1,696	424				
		CON													0	0	0	10,600	8,480	2,120	
			<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiake Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																		
HS20.	Keaau-Pahoa Road (Route 130) Improvements,	DES				3,000	2,400	600												STP FLEXIBLE	
<span>Modern</span>	Keaau to Pahoa	PREROW							0	0	0	102	81	21						(defer and inflate, No design contract yet. May need to update EA)	
		ROW										0	0	0				1,900	1,520	380	
			<i>Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>																		
HS39.	Keaau-Pahoa Road (Route 130) Intersection Improvements at	CON							4,700	4,230	470									HSIP	
<span>Safety</span>	Old Government Road																			(increase cost estimate by \$2.7 M)	
			<i>Estimated Total Project Cost - \$2,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.</i>																		
HS22.	Keaau-Pahoa Road (Route 130), Intersection Improvements at	CON	2,500	2,250	250															HSIP	
<span>Safety</span>	Paradise Drive, Orchidland Drive, and Ainaloa Blvd																				
			<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																		
HS41.	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion	CON				21,500	17,200	4,300												STP FLEXIBLE	
<span>Modern</span>	Phase 1: Keaau Bypass to Shower Drive	CON				1,820	1,456	364												HSIP	
	Phase 2: Shower Drive Intersection Improvements	CON										1,600	1,280	320						STP FLEXIBLE	
		CON										500	450	50						HSIP	
			<i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.</i>																		

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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					
	Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																				
HS25. Kuakini Highway (Route 11) Bicycle Improvements, Enhance King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104							STP FLEXIBLE	
Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																					
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON																2,700	2,160	540	STP FLEXIBLE	
Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																					
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES													810	648	162				BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																					
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON								0	0	0	6,000	4,800	1,200						STP FLEXIBLE ( ROW maps not available yet)	
Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																					
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																					
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) Modern Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	PREROW								0	0	0				50	40	10			STP FLEXIBLE (design was fully funded for the entire project)  (change phase 1 to phase 2)	
	ROW										0	0	0								
	ROW										0	0	0								
Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS33. Puainako St (Rte 2000) Widening and Realignment, Modern Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940),  Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	DES										0	0	0							STP FLEXIBLE (Change phase 2 to phase 1)  (Defer anf inflate ROW Acq. Reprioritization for financial constraint) EARMARK - HIGH PRIORITY (HI025)	
	PREROW									50	40	10			0	0	0				
		ROW										0	0	0	5,200	4,160	1,040				
		ROW										0	0	0	1,000	800	200				
Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements Congest at Kawaihae Road (Route 19)	ROW							168	134	34										HSIP	
	CON										1,190	1,071	119								
Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																					
HS35. Queen Kaahumanu Highway (Route 19) Widening Modern Keahole Airport to Kawaihae Harbor	PLN																0	0	0	NHS (defer. reprioritization for financial constraint)	
Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.																					
HS36. Saddle Road Extension Modern	DES										9,000	2,000	7,000							STP FLEXIBLE (use advance construction funding)	
	ADVCON													0	5,200	(5,200)					
Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																					
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern	CON				13,500	13,500	0													TIGER 3 FUNDS EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	ROW	4,000	4,000	0							50,000	50,000	0								
	CON																				
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					
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HAWAII : STATE - FHWA TOTAL			25,888	21,800	4,088	128,175	110,940	17,235	94,054	76,512	17,542	62,753	32,971	29,782	97,000	58,400	38,600	34,974	18,659	16,315	

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FHWA																					
HC1.	Alii Drive (Route 186) Culvert Replacement	CON							0	0	0							10,000	1,024	8,976	STP FLEXIBLE (defer and inflate. DES may need to be redone. CON Estimate refined. ADV proposed for future funding)
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,																				STP ENHANCEMENT (defer DES and ROW. Sect 7 and 106 processes just started. CON deferred to out years) (federalize DES. New ROW estimate)
Enhance	From Hualalai Road (Route 1880) to Walua Road (Route 187)	DES							0	0	0	1,200	960	240							
	Phase 1	ROW							0	0	0				300	240	60				
		CON													0	0	0				
	Phase 2	DES							0	0	0	51	41	10							
		CON															0	0	0		
Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																					
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)																				STP FLEXIBLE
Modern	Phase 1 - Part 1	PLN							0	0	0										(delete PLN, already funded)
		DES							0	0	0							2,500	2,000	500	(defer and inflate DES defer CON to out years. Add ROW. EIS re-eval needed)
		ROW							0	0	0							2,550	2,040	510	
Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph I, 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							0	0	0				2,000	1,600	400				BRIDGE OFF-SYSTEM (defer CON, new cost estimate)
SysPres	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HC7.	Kaiminani (Route 198) Drive Roadway Improvements																				STP FLEXIBLE
SysPres	Phase 1 - Mamalahoa Hwy (Rte 190) to Vicinity of Ahiahi Street	DES	10	8	2																
		CON	8,500	6,800	1,700																
	Phase 2 - Ahiahi Street to Kapuahi Street	CON							12,420	5,840	6,580										ADD phase 2 CON/ADVCON
		ADVCON										0	4,096	(4,096)							
Estimated Total Project Cost - \$23,000,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvement																					
HC8.	Kamehameha Avenue (Route 1910) Resurfacing,	CON				14,600	5,000	9,600													STP FLEXIBLE
SysPres	Wailoa Bridge to Ponahawai Street	ADVCON								6,680	(6,680)										
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) &																				STP FLEXIBLE
Congest	Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	CON										12,000	2,224	9,776	0	0	0				(advance to 2014 and use ADVCON)
	Phase 2	ADVCON													0	7,376	(7,376)				
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,	DES										0	0	0				1,500	1,200	300	STP FLEXIBLE (defer CON to Out years and federalize DES)
Modern	Hualalai Road (Route 1880) to Alii Highway																				
Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																					
HC17	Mamalaho Highway Safety Improvements (Holualoa)	DES							100	80	20										STP FLEXIBLE (NEW PROJECT)
Safety		ROW										200	160	40							
		CON													2,200	504	1,696				
		ADVCON																0	1,256	(1,256)	
Estimated Total Project Cost - \$2,500,000 -- Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements																					
HC11.	Mamalaho Highway (Route 19) Widening	PLN				10	8	2													NHS
Modern	(Mudlane to North Hawaii Community Hospital)	DES				10	8	2													
		ROW													0	0	0				(use all local funds for ROW) (advance CON to 2014)
	Phase 1 - Mana Road Intersection	CON										2,000	1,600	400							
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.																					

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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)	
HC15. Manono Street (Route 2770) Roadway Improvements SysPres Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																STP FLEXIBLE
	ROW				520	416	104													
	CON										4,500	1,600	2,900							(update estimate. Use Adv Con)
	ADVCON													0	2,000	(2,000)				
	Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																			
HC12. Reed's Island Bridge Rehabilitation SysPres	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																			
HC18 Waianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	PLN							300	240	60										STP FLEXIBLE
	DES										50	40	10							(NEW PROJECT)
	ROW													250	200	50				
	Estimated Total Project Cost - \$8,100,000 -- Provide roadway improvements, to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.																			
HC19 Waikaaalulu Bridge Rehabilitation SysPres	DES										300	240	60							BRIDGE ON/OFF SYSTEM
	CON																3,000	2,400	600	(NEW PROJECT)
	Estimated Total Project Cost - \$3,500,000 -- Reinforce existing concrete superstructure with new horizontal members to support HL-93 loading as well as install seismic retrofit measures to meet AASHTO standards.																			
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		13,660	10,928	2,732	15,240	5,512	9,728	12,920	12,920	0	20,401	11,041	9,360	4,850	12,000	(7,150)	19,650	10,000	9,650	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility	EQP/OPR	819	655	164				521	417	104	537	430	107	554	443	111	570	457	113	FTA SECTION 5339 (Rural Bus Prgm) (new Section from MAP-21)
Transit	Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																			
HC14. Rural Transportation Program	EQP/OPR	844	675	169	1,160	600	560	1,069	855	214	1,069	855	214	1,101	881	220	1,134	907	227	FTA SECTION 5311 (new estimates from MAP-21)
Transit	Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.																			
HC16. State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit	EQP/OPR				2,750	2,200	550													
Estimated Total Project Cost - \$7,750,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	1,590	1,272	318	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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			1,809			2,765			16,131			6,200		
BRIDGE OFF-SYSTEM			4,080			80			80			320			1,680			2,480		
BRIDGE ON/OFF SYSTEM			320			31,003			320			529			6,234			8,480		
STP ENHANCEMENT			0			0			0			1,001			240			0		
STP FLEXIBLE			24,568			35,108			12,880			17,577			30,016			11,200		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
EARMARK - HIGH PRIORITY			0			20,000			70,000			20,000			15,000			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,250			3,256			4,364			1,521			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		32,728			116,452			89,432			44,012			69,600			28,659		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,728			75,452			19,432			24,012			54,600			28,659		

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		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
PROJECT			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FHWA																					
MS36. Bridge and Pavement Improvement Program, Maui	CON							20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE	
SysPres Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																	
Kula Hwy to Haleakala Crater Road Jnc.																					
Haleakala Crater Road (Route 378)	CON	1,300	1,040	260																	
MP 0.0 to 2.0																					
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																	
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm	CON	3,360	2,688	672																	
Access Road to Olowalu																					
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																	
Kula Hwy (Route 37) Resurfacing	CON	3,200	2,560	640																	
Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND																					
Honoapiilani Hwy (Route 30) Resurfacing,																					
Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67																					
Kula Highway (Route 37) PPM	CON	2,500	2,000	500																	
Lower Kula Road to Kekauliki Avenue																					
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance	CON				2,650	320	2,330														
Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	ADVCON							0	1,800	(1,800)											
Estimated Total Project Cost - \$112,460,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
MS1. Guardrail and Shoulder Improvement Program																				STP FLEXIBLE	
Safety at Various Locations, Maui																					
Part 1	CON							1,400	1,120	280											
Part 2	CON													1,000	800	200					
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																					
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																STP ENHANCEMENT	
Enhance																					
Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																					
MS37. Hana Highway Historic Bridge Preseravation Plan	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM	
SysPres																					
Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																					
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON										1,500	1,200	300							STP ENHANCEMENT	
Enhance Dairy Road (Route 380) to Naniloa Overpass																					
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																					
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW										119	95	24							NHS	
Modern to Vicinity of Airport Access Road	CON																6,760	5,408	1,352		
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW							0	0	0	825	660	165							BRIDGE ON/OFF SYSTEM	
SysPres Honolua Bridge	CON																5,400	4,320	1,080	(defer and inflate. Scope is being re-assessed. Env docs not complete. Cannot obtain ROW w/o env docs)	
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										0	0	0	2,040	1,632	408				NHS	
Modern Hokiokio Place to Relocated Southern Terminus																				(defer and inflate - Section 106 process has not yet started)	
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							910	819	91										HSIP	
Safety at Kaanapali Parkway and Halelo Street																				(cost estimate increased by \$700K)	
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.																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MS8.	Honoapiilani Highway (Route 30) Safety Improvements,	CON							0	0	0	3,110	2,799	311							HSIP (defer and inflate. 106 process has not started)
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.																					
MS31.	Honoapiilani Highway (Route 30), Shoreline Improvements,	CON							3,120	2,496	624										NHS
SysPres	Vicinity of Olowalu																				
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																					
MS34.	Honoapiilani Highway (Route 30), Shoreline Protection	CON										0	0	0							NHS (DELETE project. Improvements funded with all local money)
SysPres	at Launiupoko																				
Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders																					
MS9.	Honoapiilani Highway (Route 30) Widening and/or Realignment,	DES	500	400	100																NHS
Modern	Phase IC, Keawe Street Extension to north of Kaanapali Connector	PREROW							50	40	10										
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																					
MS11.	Kahului Airport Access Road (Route 3800)	CON				37,950	2,700	35,250													NHS (redistribute adv con reimburesment)
Modern		ADVCON							0	17,660	(17,660)		10,000	(10,000)							
Estimated Total Project Cost - \$40,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.																					
MS32.	Kahului Beach Road (Route 3400), Lighting Improvements	CON							0	0	0	575	517	58							HSIP (defer and inflate)
Safety	at Kanaloa Avenue (Route 3420)																				
Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.																					
MS12.	Kahului Beach Road (Route 3400), Shoreline Protection	CON							0	0	0				1,975	1,580	395				STP FLEXIBLE (defer and inflate. New PM. No des contract)
SysPres	Kahului Bay (#1)																				
Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																					
MS14.	National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance																					
Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program																					
MS15.	North Kihei Road (Route 310), Shoreline Protection,	CON													5,700	4,560	1,140				STP FLEXIBLE
SysPres	Vicinity of Kealia Pond (#6)																				
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																					
MS16.	Paia Bypass Road (Paia Alternative Route,	DES							3,245	2,596	649										STP FLEXIBLE
Modern	Vicinity of Spreckelsville to Vicinity of Hookipa Park)	PREROW										100	80	20							
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																					
MS35.	Piilani Highway, Traffic Operational Improvements	CON							1,515	1,212	303										NHS
Modern	at Ohukai Road																				
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 rarranging the traffic signals.																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS					
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)						
MS33.	Puunene Avenue (Route 3500) Safety Improvements,	CON							0	0	0				585	526	59			HSIP  (defer and inflate. CON to be combined with MS18. Deferred to match MS18 con schedule)						
Safety	Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)																									
	Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.																									
MS18.	Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32)	PREROW							0	0	0	33	25	8						STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE  (defer and inflate PREROW. DES being combined with MS33. Contract being negotiated)						
Modern	to Kuihelani Highway (Route 380)	ROW									150	120	30													
		CON											6,300	5,040	1,260											
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.																										
MS19.	Waiehu Beach Road (Route 3400), Bridge Rehabilitation	CON				6,760	5,408	1,352												BRIDGE ON/OFF SYSTEM						
SysPres	Iao Stream Bridge																									
	Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																									
MOLOKAI																										
MS20.	Guardrail and Shoulder Improvements Program																			STP FLEXIBLE  (defer and inflate. Funding not needed in 2013)						
Safety	at Various Locations, Molokai																									
	Part 1	CON	750	600	150																					
	Part 2	CON							0	0	0	765	612	153												
	Part 3	CON												750	600	150										
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																										
MS22.	Kamehameha V Highway (Route 450), Bridge Replacement	CON												4,293	3,435	858				BRIDGE ON/OFF SYSTEM						
SysPres	Makakupaia Stream Bridge																									
	Estimated Total Project Cost - \$5,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.																									
MS23.	Kamehameha V Highway (Route 450), Shoreline Protection,	CON												1,400	1,120	280				STP FLEXIBLE						
SysPres	Vicinity of Niaupala Fishpond																									
	Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.																									
MAUI : STATE - FHWA TOTAL			20,471	16,377	4,094	47,809	8,787	39,022	32,689	29,302	3,387	28,126	16,467	11,659	44,992	19,652	25,340	33,109	10,087	23,022						

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FTA																					
MS24. Lahaina Small Boat Harbor and Ferry Pier Transit	PLN				375	300	75													FTA SECTION 5309	
	DES				1,438	1,150	288	1,375	1,100	275											
	CON				10,438	8,350	2,088	8,006	6,405	1,601	8,494	6,795	1,699							(last additional funding from SAFETEA-LU)	
	Estimated Total Project Cost - \$31,000,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening																				
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.																				
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.																				
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	9,381	7,505	1,876	8,494	6,795	1,699	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1																				
SysPres Phase 1 - Makawao Ave to Haliimaile Road	CON																			STP FLEXIBLE
Phase 2 - Haliimaile Road to Hana Hwy.	DES																			(cost estimate increase)
	CON																4,800	3,600	1,200	(Add Phase 2)
Estimated Total Project Cost - \$8,000,000 - Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 mile																				
MC41. Bridge and Pavement Improvement Program, Maui (County)																				IM / NHS / STP FLEXIBLE
SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																Backup SMP project for 2011
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
MC3. Bridge Inspection and Appraisal	PLN							300	240	60				300	240	60				BRIDGE OFF-SYSTEM
SysPres																				
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420																STP FLEXIBLE
SysPres Haleakala Highway to Baldwin Avenue	CON	500	450	50																HSIP-HRRR
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC42. Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON				2,100	1,680	420													STP FLEXIBLE
SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				400	360	40													HSIP-HRRR
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5. Hansen Road Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres Hana Highway to Puunene Avenue	ROW				200	0	200													LOCAL
	CON										3,666	2,600	1,066	0	0	0				STP FLEXIBLE
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				(Advance to 2014)
MC6. Hina Avenue (Route 3930) Pavement Reconstruction,	DES				700	0	700													LOCAL
SysPres Wakea Avenue to Ani Street AND	CON				4,500	3,600	900													STP FLEXIBLE
Kamehameha Avenue (Route 3940) Pavement Reconstruction,																				
Vicinity of Puunene Avenue to Papa Avenue (MC9)																				
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC43. Kahananui Bridge Replacement	DES				200	0	200													LOCAL
SysPres (Lower Honoapiilani Road - RTE 3080)	CON							0	0	0	3,470	2,470	1,000							BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				(defer and inflate. Need to go through condemnation process)
MC7. Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON							0	0	0	4,350	3,000	1,350							BRIDGE OFF-SYSTEM
SysPres																				(defer and inflate. Archeological and biological reconn is delayed. No ROW access rights.)
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800																STP FLEXIBLE
SysPres North Market Street to Waiehu Beach Road																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38. Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
SysPres																				
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10. Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250													LOCAL
Congest	CON							520	416	104										STP FLEXIBLE
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC11. Kaupakalua Road (Route 365) Resurfacing,	CON																0	0	0	STP FLEXIBLE
SysPres Hana Highway to Makawao Avenue																				(DELETE project. Project re-prioritized)
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360) SysPres		DES				100	0	100													LOCAL BRIDGE OFF-SYSTEM (defer and inflate. Procurement of permits behind schedule)
		CON										0	0	0	6,000	4,400	1,600				
	Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC14. Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100) SysPres		DES	500	0	500																LOCAL LOCAL BRIDGE OFF-SYSTEM
		ROW	200	0	200																
		CON										3,550	2,840	710							
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																
Phase 3A		DES				80	80	0													EARMARK (Section 117) EARMARK (Section 117)
		CON							2,600	2,200	400										
	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. Lelekea Bridge Replacement (Hana Highway - Route 360) SysPres		DES				500	0	500													LOCAL BRIDGE OFF-SYSTEM
		CON															3,994	3,195	799		
	Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC52. Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2 SysPres		DES							40	32	8										STP FLEXIBLE (NEW PROJECT)
		CON							850	680	170										
	Estimated Total Project Cost - \$900,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.																				
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Congest		CON										0	0	0							STP FLEXIBLE (DELETE project. Project re-prioritized)
	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 STP FLEXIBLE
		CON												5,900	4,500	1,400					
	Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																				
MC21. Makani Road (Route 3630) Resurfacing, SysPres		CON	2,000	1,600	400																STP FLEXIBLE
	Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																				
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements SysPres		ROW	1,000	0	1,000																LOCAL STP FLEXIBLE
		CON										1,250	1,000	250							
	Estimated Total Project Cost - \$2,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																				
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street Congest		DES							200	0	200										LOCAL LOCAL STP FLEXIBLE
		ROW										500	0	500							
		CON															730	584	146		
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
MC53. Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf. SysPres		CON										2,200	1,600	600							STP FLEXIBLE (NEW PROJECT)
	Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. total length = 1.7 miles.																				
MC44. Papa Avenue (RTE 3910) Pavement Rehabilitation, SysPres		DES							250	0	250										STP FLEXIBLE (advance. Des and permitting process ahead of schedule)
		CON							4,925	3,500	1,425	0	0	0							
	Estimated Total Project Cost - \$5,175,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																				
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue Congest		DES				200	0	200													LOCAL STP FLEXIBLE
		CON												860	688	172					
	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 STP FLEXIBLE
		CON	500	400	100																
	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.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC45. <span>SysPres</span> South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE (update cost estimate)	
	CON							3,290	2,440	850											
	Estimated Total Project Cost - \$3,500,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.																				
MC46. <span>Congest</span> South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue	DES				90	8	82													STP FLEXIBLE (defer and inflate, Re-prioritized)	
	CON							0	0	0	855	684	171								
	Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.																				
MC31. <span>Congest</span> Waiale Road (Route 3180) Traffic Signals at Waiinu Road	DES				150	0	150													LOCAL STP FLEXIBLE (defer and inflate, Section 106 delays)	
	CON							0	0	0				810	648	162					
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MC32. <span>SysPres</span> Waiko Road Improvements, Kuihelani Highway to Waiale Road	DES				500	0	500													LOCAL STP FLEXIBLE	
	CON													3,786	2,600	1,186					
	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. <span>SysPres</span> Waiohonu Bridge Replacement (Hana Highway - Route 360)	DES	50	0	50																LOCAL BRIDGE OFF-SYSTEM	
	CON	4,100	2,800	1,300																	
	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC34. <span>Enhance</span> Waipuilani Bikepath	DES	300	0	300																STP ENHANCEMENT (defer and inflate, ROW acquisition and Section 106 will delay the project)	
	CON										0	0	0				1,730	1,384	346		
	Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.																				
MC54. <span>SysPres</span> Waialea Alanui Dr (Rte 3135) & Waialea Ike Dr. (Rte 3137) Pavmnt Rehab, Okolani Dr. to Waialea Ike Dr. & Piilani Hwy to Waialea Alanui Dr.	CON							2,200	1,600	600										STP FLEXIBLE (NEW PROJECT)	
	Estimated Total Project Cost - \$4,340,000 -- Rehabilitation pavement on Waialea Alanui Drive and Waialea Ike Drive from Okolani Drive to Waialea Ike Drive and Piilani Hightway to Waialea Alanui Drive. Includes pavement striping and marking, signage and safety improvements. Approx 1.4 miles.																				
MC51. <span>SysPres</span> Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	CON							1,440	1,152	288										STP FLEXIBLE	
	Estimated Total Project Cost - \$1,800,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.																				
	DES				100	0	100														STP FLEXIBLE (Advance funds, project oblig in 12)
CON				3,000	2,400	600	0	0	0												
Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.																					
MC35. <span>Congest</span> Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	DES				110	8	102													STP FLEXIBLE	
	CON							720	576	144											
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			28,650	21,890	6,760	14,830	8,136	6,694	19,735	14,436	5,299	19,841	14,194	5,647	17,656	13,076	4,580	6,454	5,163	1,291	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF MAUI - FTA</b>																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164				670	535	135	689	551	138	710	568	142	731	585	146	FTA SECTION 5339 (Rural Bus Prgm)
Transit	<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																			(new Section from MAP-21)
MC37. Rural Transportation Program	OPR	844	675	169	1,510	600	910	1,038	830	208	1,069	855	214	1,101	881	220	1,134	907	227	FTA SECTION 5311
Transit	<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																			(new estimates from MAP-21)
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
Transit	CON	375	300	75																<i>Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.</i>
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
Transit	<i>Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system</i>																			
MC49. State of Good Repair	EQP/OPR				2,225	1,780	445													FTA SECTION 5309 Bus & Bus
Transit	<i>Estimated Total Project Cost - \$2,225,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																			Facilities Discretionary (SGR)
MC55. Urbnized Area	EQP/OPR							1,288	1,030	258	1,326	1,061	265	1,366	1,093	273	1,407	1,126	281	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
Transit	<i>Estimated Total Project Cost - \$5,387,000 -- Capital purchases, operating costs &amp; planning</i>																			
<b>MAUI : COUNTY OF MAUI - FTA TOTAL</b>		<b>3,880</b>	<b>3,103</b>	<b>777</b>	<b>4,032</b>	<b>2,616</b>	<b>1,416</b>	<b>2,996</b>	<b>2,395</b>	<b>601</b>	<b>3,084</b>	<b>2,467</b>	<b>617</b>	<b>3,177</b>	<b>2,542</b>	<b>635</b>	<b>3,272</b>	<b>2,618</b>	<b>654</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - MAUI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			400			2,700			21,408			10,095			1,632			5,408		
BRIDGE OFF-SYSTEM			6,160			0			240			8,310			4,640			3,195		
BRIDGE ON/OFF SYSTEM			0			5,408			1,200			660			3,435			4,320		
STP ENHANCEMENT			250			0			0			1,200			0			1,384		
STP FLEXIBLE			24,648			8,016			17,512			6,721			22,136			4,184		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			450			360			819			3,316			526			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			16,923			43,738			30,661			32,728			18,850		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			(80)			(2,200)			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,267			16,843			41,538			30,661			32,728			18,850		

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KAUAI : STATE - FHWA																					
KS25. <span>SysPres</span>	Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
	Kapule Hwy (Route 51) Resurfacing (UTW) Ahukini Road to Kuhio Hwy	CON	6,500	5,200	1,300																
	Kaumualii Hwy (Route 50) Resurfacing Kipu Rd to Huleia Bridge	CON	2,200	1,760	440																
Estimated Total Project Cost - \$63,700,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a> . Qualified and priority SMP projects could receive federal funds should they become available																					
KS1. <span>Safety</span>	Guardrail and Shoulder Improvements on State Highways, Kauai																			STP FLEXIBLE	
	Part 1	DES	100	80	20																
		CON							625	500	125										
	Part 2	DES							100	80	20										
		CON										1,000	800	200							
	Part 3	DES													100	80	20				
		CON																1,000	800		200
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																					
KS26. <span>Enhance</span>	Kapaa Roundabout Beautification	CON				22	17	5												STP ENHANCEMENT	
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																					
KS2. <span>SysPres</span>	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES				1,007	806	201												BRIDGE ON/OFF SYSTEM	
		PREROW							110	88	22										
		ROW										787	630	157							
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																					
KS4. <span>SysPres</span>	Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	DES										530	424	106						BRIDGE ON/OFF SYSTEM	
		ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																					
KS27. <span>SysPres</span>	Kaumualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	DES							1,000	800	200									BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																					
KS5. <span>SysPres</span>	Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW							0	0	0	106	84	22						BRIDGE ON/OFF SYSTEM (defer and inflate. EA won't be ready this year to allow acquisition)	
		CON													7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																					
KS6. <span>Modern</span>	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON																18,400	7,000	11,400	STP FLEXIBLE  (intend to use advance construction funding)
		ADVCON																			
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																					
KS9. <span>Safety</span>	Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout	CON							1,040	832	208									HSIP	
Estimated Total Project Cost - \$4,000,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																					
KS11. <span>SysPres</span>	Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW							0	0	0	775	620	155						BRIDGE ON/OFF SYSTEM (defer and inflate. EA won't be ready this year to allow acquisition)	
		CON													10,500	8,400	2,100				
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM  (defer and inflate. Awaiting DES contract execution)  (use advcon funding for constuction)	
	PREROW				112	90	22														
	ROW							0	0	0	573	458	115								
	CON													8,500	1,000	7,500					
	ADVCON																0	5,800	(5,800)		
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																					
KS16. Kuhio Highway (Route 56) Improvements, Modern Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS (Defer ROW)	
	DES										5,000	4,000	1,000								
	PREROW													0	0	0					
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																					
KS17. Kuhio Highway (Route 560) Safety Improvements Safety Hanalei Bridge to Waikoko Bridge	CON							1,250	1,000	250										HSIP - HRRR	
Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arkingns and signing.																					
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) Congest	CON							0	0	0										HSIP (DELETE - work to be done with all state funds)	
Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational efficiency.																					
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM	
	ROW													520	416	104					
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.																					
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements Safety MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE	
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																					
KS23. National Recreational Trails Program - Kauai (DLNR) Enhance	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.																					
KS28. Nawiliwili Road (RTE 58) Improvements, SysPres Kainani Street to Kaumualii Hwy (RTE 50).	DES/CON				10,000	1,000	9,000													STP FLEXIBLE (Advance construction obligation)	
	ADVCON									7,000	(7,000)										
Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.																					
KS24. Puhi-Hanamaulu, Alternate Route Modern	PLN															0	0	0		STP FLEXIBLE (delete - will be undertaken by the county)	
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	20,424	3,739	16,685	17,479	11,383	6,096	23,085	8,867	14,218	39,349	16,079	23,270	31,714	13,851	17,863	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FHWA																					
KC1. Ahukini To Lydgate Park Bike/Pedestrian Path Enhance (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES								1,080	1,080	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
	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	3,150	3,850													STP FLEXIBLE (advance construction obligation)
	ADVCON								2,450	(2,450)											
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.																					
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	DES					20	16	4													BRIDGE OFF-SYSTEM
	CON					312	250	62													
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																					
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN																				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
																					HRRR (High Risk Rural Road)
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
	CON		6,700	6,700	0																
	PLN					21	21	0													
	DES					104	104	0													
	ROW						0	0	0	265	265										
	CON									0	0	0	1,590	1,590	0						
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboys continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																					
KC18. Maluhia Road (Route 520) Improvements Modern	DES														1,200	960	240				STP FLEXIBLE
	ROW																				
	CON																				
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunuaalii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Enhance	Nawiiliwili to Ahukini Bike/Pedestrian Path																			STP ENHANCEMENT	
	(Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				
	Phase A	DES						810	810	0											
		ROW						208	208	0											
	Phase B	DES						1,000	1,000	0											
Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																					
KC11. Modern	Northerly Leg of the Western Bypass Road	DES	2,000	1,600	400															STP FLEXIBLE	
	(Ala Kalanikaumaka (Route 522))																				
Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																					
KC13. SysPres	Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	CON						1,217	973	244										STP FLEXIBLE	
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.																					
KC14. SysPres	Puuopae Bridge Replacement	CON									5,000	4,000	1,000							BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																					
KC15. SysPres	Resurfacing of Hanapepe Rd (Rte 545),	DES	160	128	32															STP FLEXIBLE	
	Including Road Pavement Repairs as Necessary																				
Estimated Total Project Cost - \$1,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.																					
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			9,210	8,723	487	8,257	4,181	4,076	4,705	6,886	(2,181)	14,170	13,170	1,000	7,200	5,760	1,440	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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																				FTA SECTION 5339 (Rural Bus Prgm) (new Section under MAP-21)
KC16. Bus and Bus Facility	EQP/OPR	819	655	164				521	417	104	537	430	107	554	443	111	570	457	113	
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	882	705	177	909	727	182	936	749	187	964	771	193	FTA SECTION 5311 (new estimates from MAP-21)
Transit	EQP	127	101	26	130	104	26	156	125	31	160	128	32	165	132	33	170	136	34	
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	1,559	1,247	312	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	

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



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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FTA SUMMARY</b>																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	2,173	1,626	547	2,023	1,704	319	2,081	1,766	325	2,190	1,844	346	
OAHU, STATE		319	255	64	260	130	130	372	186	186	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	1,825,602	556,030	1,269,572	1,073,626	284,146	789,480	830,748	236,520	594,228	570,876	276,900	293,976	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	1,590	1,272	318	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	9,381	7,505	1,876	8,494	6,795	1,699	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	2,996	2,395	601	3,084	2,467	617	3,177	2,542	635	3,272	2,618	654	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	1,559	1,247	312	1,606	1,285	321	1,655	1,324	331	1,704	1,364	340	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	1,843,673	570,261	1,273,412	1,090,439	297,682	792,757	839,316	243,476	595,850	579,746	284,090	295,656	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA SUMMARY																				
STATEWIDE		41,705	10,430	31,275	42,788	11,252	31,536	45,760	13,884	31,876	47,801	15,517	32,284	48,007	15,682	32,325	45,189	13,427	31,762	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	152,000	54,881	97,119	100,419	65,141	35,278	164,647	127,979	36,668	159,878	101,280	58,598	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	25,479	18,269	7,210	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952	
ISLAND OF OAHU		83,400	51,595	31,805	79,316	52,155	27,161	177,479	73,150	104,329	150,860	79,534	71,326	243,112	160,699	82,413	223,124	139,574	83,550	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	94,054	76,512	17,542	62,753	32,971	29,782	97,000	58,400	38,600	34,974	18,659	16,315	
County of Hawaii		13,660	10,928	2,732	15,240	5,512	9,728	12,920	12,920	0	20,401	11,041	9,360	4,850	12,000	(7,150)	19,650	10,000	9,650	
ISLAND OF HAWAII		39,548	32,728	6,820	143,415	116,452	26,963	106,974	89,432	17,542	83,154	44,012	39,142	101,850	70,400	31,450	54,624	28,659	25,965	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	32,689	29,302	3,387	28,126	16,467	11,659	44,992	19,652	25,340	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,735	14,436	5,299	19,841	14,194	5,647	17,656	13,076	4,580	6,454	5,163	1,291	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	52,424	43,738	8,686	47,967	30,661	17,306	62,648	32,728	29,920	39,563	15,250	24,313	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,479	11,383	6,096	23,085	8,867	14,218	39,349	16,079	23,270	31,714	13,851	17,863	
County of Kauai		9,210	8,723	487	8,257	4,181	4,076	4,705	6,886	(2,181)	14,170	13,170	1,000	7,200	5,760	1,440	0	0	0	
ISLAND OF KAUAI		19,406	16,880	2,526	28,681	7,920	20,761	22,184	18,269	3,915	37,255	22,037	15,218	46,549	21,839	24,710	31,714	13,851	17,863	
FHWA TOTAL		233,180	149,900	83,280	356,839	204,702	152,137	404,821	238,473	166,348	367,037	191,761	175,276	502,166	301,348	200,818	394,214	210,761	183,453	

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FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			25,520		0			4,380			27,873			47,300			
NHS (National Highway System)			18,531			15,846		47,867			58,050			53,060			27,689			
BRIDGE OFF-SYSTEM			11,120			1,706		1,220			14,630			11,920			6,955			
BRIDGE ON/OFF SYSTEM			6,650			41,442		7,328			9,087			66,024			58,612			
STP ENHANCEMENT			8,950			142		10,515			11,371			4,402			1,384			
STP FLEXIBLE			86,839			68,754		71,578			46,970			112,852			64,595			
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0			0			0			
EQUITY BONUS			0			0		0			0			0			0			
DEFENSE ACCESS ROAD FUNDS			0			0		0			0			0			0			
PUBLIC LANDS DISCRETIONARY			5,000			5,000		5,000			5,000			5,000			5,000			
NATIONAL RECREATIONAL TRAILS			1,196			1,196		1,196			1,196			1,196			1,196			
EARMARK - HIGH PRIORITY			0			20,000		70,800			25,600			16,865			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0			0			0			
EARMARK - SECTION 112			0			0		0			0			0			0			
EARMARK - SECTION 115			0			0		0			0			0			0			
EARMARK - SECTION 117			3,968			80		2,200			0			0			0			
FLHD - Federal Lands Highway Discretionary			0			7,500		0			0			0			0			
SECTION 1404 - (Safe Routes to School)			300			0		1,000			1,000			1,000			1,000			
HSIP- Highway Safety Improvement Program			5,314			4,016		14,993			14,477			1,156			630			
NRCS - National Resources Conservation Service			2,032			0		0			0			0			0			
TIGER 3			0			13,500		0			0			0			0			
H-3 DISCRETIONARY			0			0		0			0			0			0			
FTA TRANSFER FUNDS			0			0		0			0			0			0			
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0		4,300			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		476			0			0			0			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL	149,900			204,702			238,473			191,761			301,348			214,361			
LESS FTA TRANSFER FUNDS		(11,000)			(46,080)			(82,776)			(30,600)			(21,865)			(5,000)			
REGULAR FORMULA AUTHORITY	TOTAL	138,900			158,622			155,697			161,161			279,483			209,361			