

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : REVISION #17
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: March 25, 2014

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	
	ROW																					
	CON																					
	<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. SysPres	Bridge Inspection and Appraisal																					
	PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600
	<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																					
S3. Human	Construction Career Days Workforce Development Program																					
	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program</i>																					
S27. Enhance	Hawaii Scenic Byways Statewide Signage																					
	DES/CON				78	78	0															
	<i>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.</i>																					
S4. SysPres	Highway Research and Development Program																					
	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170
	<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program</i>																					
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program																					
	PLN/DES	500	400	100	500	400	100	700	630	70	3,000	3,000	0	700	630	70	700	630	70	700	630	70
	<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
S6. SysPres	Highway Shoreline Protection, Statewide																					
	DES																					
	<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																					
S7. SysPres	Hawaii Statewide ITS Architectural Plan																					
	PLN				1,000	800	200															
	<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).</i>																					
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations																					
	DES													204	163	41				200	160	40
	CON																					
	<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																					
S28. SysPres	Planning and Programming of Various Projects, Statewide																					
	PLN/DES													500	400	100						
	<i>Estimated Total Project Cost - \$500,000 -- To create a program of projects that include planning and preliminary engineering, project scoping, development of budgetary estimates, and development of program delivery plan</i>																					
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	5,000	5,000	0
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																					
S10. Safety	Safe Routes to School (SR2S) Program																					
	Non-infrastructure																					
	Infrastructure	Pln/Des	300	300	0									300	300	0				300	300	0
		Pn/Ds/Co												700	700	0				700	700	0
	<i>Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																					
S11. Enhance	SNIPP - Statewide Noxious Invasive Pest Program																					
	OPR				2,180	1,744	436							3,030	2,424	606				3,151	2,521	630
	<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals</i>																				
S15. Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
Kaunualii Hwy (Route 50) Maluhia Road to Mana	CON	1,500	1,200	300																STP FLEXIBLE
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S25. Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S26. Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.</i>																				
S16. Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				
S17. Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
	CON													3,641	2,913	728				
<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																				
STATEWIDE - FHWA TOTAL		41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,464	14,857	31,607	51,573	18,535	33,038	45,007	13,282	31,725	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	96	96	0	99	99	0	102	102	0	105	105	0	FTA SECTION 5311 (b)(3)
<i>Human</i> <i>Estimated Total Project Cost - \$787,000 -- 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.</i>																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	250	250	0	258	258	0	265	265	0	FTA SECTION 5311
<i>Human</i> <i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	1,063	850	213	263	210	53	275	220	55	288	230	58	FTA SECTION 5310
<i>Human</i> <i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	400	200	200				280	140	140				FTA SECTION 5316 (JARC)
<i>Human</i> <i>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.</i>																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	260	130	130				160	80	80				FTA SECTION 5317 (New Freedom)
<i>Human</i> <i>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.</i>																				
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
<i>Transit</i> <i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	755	673	82	1,222	917	305	810	721	89	

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			0		0		0		0		0		0		0		0		0	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
BRIDGE ON/OFF SYSTEM			2,400		2,400		3,840		2,400		2,400		2,400		2,400		2,400		2,400	
STP ENHANCEMENT			0		0		0		0		0		0		0		0		0	
STP FLEXIBLE			2,330		3,452		830		4,057		9,505		4,252							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0		0		0		0	
PUBLIC LANDS DISCRETIONARY			5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000	
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD - Federal Lands Highway Discretionary			0		0		0		0		0		0		0		0		0	
SECTION 1404 - (Safe Routes to School)			300		0		1,000		400		1,000		1,000		1,000		1,000		1,000	
HSIP- Highway Safety Improvement Program			400		400		630		3,000		630		630		630		630		630	
NRCS - National Resources Conservation Service			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		0		0		0		0	
H-3 DISCRETIONARY			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		10,430		11,252		11,300		14,857		18,535		18,535		13,282					
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)				(5,000)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0				0	
			0		0		0		0		0		0		0				0	
REGULAR FORMULA AUTHORITY	TOTAL		5,430		6,252		6,300		9,857		13,535		13,535		8,282				8,282	

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OAHU : STATE - FHWA																				
OS87. Bridge and Pavement Improvement Program, Oahu	CON							29,600	0	29,600	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, Airport 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)										
Kamehameha Highway (Route 83) Resurfacing	CON										20,400	16,320	4,080							
Waihou Street to Ka Uka Blvd																				
Kalaniana'ole Highway (Route 72) Resurfacing	CON							14,000	11,200	2,800										
Hanauma Bay Road to West Hind Drive																				
<i>Estimated Total Project Cost - \$237,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																				
<i>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).</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
OS1. Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE
<i>Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW													562	450	112				BRIDGE ON/OFF SYSTEM
SysPres Ulehawa Stream Bridge																				
<i>Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON													13,500	5,000	8,500				BRIDGE ON/OFF SYSTEM
SysPres Maipalaoa Bridge	ADVCON																0	5,800	(5,800)	
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
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							
	ADVCON													0	11,980	(11,980)				
<i>Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																				
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	4,248	472										HSIP
	AVDCON																			
	CON							1,000	800	200										EARMARK - HIGH PRIORITY
<i>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.</i>																				
OS5. Farrington Highway (Route 93) Intersection Improvements	CON							5,720	5,148	572										HSIP
Safety at Nanakuli Avenue (Route 8744)	ADVCON																			
	CON							3,120	1,000	2,120										STP FLEXIBLE
	ADVCON										0	1,496	(1,496)							
<i>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.</i>																				
OS6. Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196																HSIP
Safety Vicinity of Leihoku Street to Kili Drive																				
<i>Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.</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)	
OS8. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1	CON	7,000	5,600	1,400																NHS
Part 2	CON									8,500	1,800	6,700								
ADVCON													0	5,000	(5,000)					
<i>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.</i>																				
OS9. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A	DES				1,900	1,520	380													INTERSTATE MAINTENANCE
Part 2	CON												5,000	4,000	1,000					
<i>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.</i>																				
OS10. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES												1,980	1,584	396					INTERSTATE MAINTENANCE
CON																10,000	8,000	2,000		
<i>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.</i>																				
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
<i>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.</i>																				
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
<i>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.</i>																				
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
<i>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.</i>																				
OS14. Guardrail and Shoulder Improvements, Various Locations Safety	CON									2,142	1,714	428								HSIP
Phase 2	DES												250	200	50					INTERSTATE MAINTENANCE
Phase 3	CON															3,000	2,400	600		
DES																250	200	50		
<i>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.</i>																				
OS92. ITS Operation and Maintenance Congest	OPR									285	255	30	285	255	30	285	255	30		INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$1,000,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																				
OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign SysPres	CON				4,500	3,600	900													NHS
Phase I	CON															2,704	2,434	270		
<i>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.</i>																				
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Haloa Street Bridge)	DES	775	620	155																BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.</i>																				
OS88. Interstate Route H-1, Corridor Study Modern	PLN				2,500	2,000	500													NHS
<i>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.</i>																				
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Kapiolani Interchange to Ainakoa Avenue	CON												6,240	4,992	1,248					INTERSTATE MAINTENANCE
<i>Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
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
<i>Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS21. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue Phase 1 SysPres <i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</i>	CON													6,997	1,020	5,977				INTERSTATE MAINTENANCE	
	ADVCON																	0	4,578	(4,578)	
OS22. Interstate Route H-1, Kapolei Interchange Complex Phase 2 Modern <i>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.</i>	CON									4,800	4,300	500								INTERSTATE MAINT. DISCR	
	CON									45,200	5,000	40,200									NHS
	ADVCON													0	20,000	(20,000)		0	11,160	(11,160)	NHS
	DES													560	448	112					NHS
	ROW													224	179	45					NHS
	DES													540	432	108					NHS
	ROW													216	172	44					NHS
OS83. Interstate Route H-1, Installation of Access Control Makakilo Interchange to Vicinity of H-1/H-2 Interchange SysPres <i>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.</i>	CON	2,500	2,250	250																	STP FLEXIBLE
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 SysPres <i>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.</i>	CON																23,250	20,925	2,325		INTERSTATE MAINTENANCE
OS25. Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I Modern <i>Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.</i>	CON																	17,525	15,775	1,750	INTERSTATE MAINTENANCE
OS90. Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue SysPres <i>Estimated Total Project Cost - \$36,000,000 -- 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.</i>	CON									35,000	26,500	8,500									NHS
	ADVCON												0	5,000	(5,000)						
OS93. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalalai IC) to Waiawa Overpass Safety <i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>	DES												500	450	50						HSIP
OS27. Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements Modern <i>Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>	DES																	3,432	2,745	687	NHS
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI Safety <i>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.</i>	DES	150	135	15																	HSIP
	CON									1,600	1,440	160									

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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)			
OS29. Interstate Route H-3, Seismic Retrofit, SysPres Halekou Interchange, Structures 1, 2 and 3 <i>Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.</i>	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM		
OS84. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Enhance Waimanalo Beach Park to Makai Pier <i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalaniana'ole Highway, from Huli Street to Makai Pier.</i>	CON CON												250	200	50	2,453	1,962	491	EARMARK-HIGH PRIORITY STP ENHANCEMENT			
OS33. Kalaniana'ole Highway (Route 72), Bridge Replacement SysPres Inoaole Stream Bridge, Waimanalo <i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>	CON												9,360	7,488	1,872	STP FLEXIBLE						
OS34. Kalaniana'ole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street <i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>	CON ADVCON									13,520	2,000	11,520	0	8,816	(8,816)	NHS						
OS35. Kalaniana'ole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street <i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>	DES									900	720	180	NHS									
OS37. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaipapau Stream Bridge <i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>	CON												16,225	12,980	3,245	BRIDGE ON/OFF SYSTEM						
OS39. Kamehameha Highway (Route 83), Bridge Replacement SysPres Lailoa Stream Bridge <i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>	ROW CON									193	155	38	8,775	7,020	1,755	BRIDGE ON/OFF SYSTEM						
OS40. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Makaua Stream Bridge <i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	PREROW ROW									102	81	21	275	220	55	BRIDGE ON/OFF SYSTEM						
OS41. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopilo Stream Bridge <i>Estimated Total Project Cost - \$10,000,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>	PREROW ROW	200	160	40						260	208	52	BRIDGE ON/OFF SYSTEM									
OS43. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge <i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>	PREROW ROW									53	43	10	612	490	122	BRIDGE ON/OFF SYSTEM						
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge <i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>	CON															9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM			
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge <i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>	PREROW ROW				100	80	20						984	787	197	BRIDGE ON/OFF SYSTEM						
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge <i>Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>	PREROW ROW CON												104	82	22	1,125	865	260	17,300	13,840	3,460	BRIDGE ON/OFF SYSTEM EARMARK-HIGH PRIORITY BRIDGE ON/OFF SYSTEM

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OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waialeale Bridge <i>Estimated Total Project Cost - \$11,500,000 - replace the existing bridge</i>	PREROW																			BRIDGE ON/OFF SYSTEM
	ROW																			
	CON																			
	ADVCON																			
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge <i>Estimated Total Project Cost - \$8,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW									265	212	53								
	CON																			
OS94. Kamehameha Highway (Route 80), Repair and Repaint SysPres Karsten Thot Bridge <i>Estimated Total Project Cost - \$9,000,000 -- Repair deteriorated steel bridge framing and connections, repair concrete cracks and spalls in concrete deck slab and abutments, repaint steel bridge, and set up temporary traffic controls.</i>	CON												8,100	6,480	1,620					BRIDGE ON/OFF SYSTEM
	ROW																			
	ADVCON																			
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52 <i>Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	PREROW				50	40	10													NHS
	ROW																			
	CON																			
	ADVCON																			
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge <i>Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON												1,560	1,248	312					HSIP
	ROW																			
	ADVCON																			
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road <i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.</i>	DES	200	180	20																HSIP
	CON												1,000	900	100					
	ADVCON																			
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road <i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON												2,500	2,250	250					HSIP
	ROW																			
	ADVCON																			
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14) <i>Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
	CON																			
	ADVCON																			
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10) <i>Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
	CON																			
	ADVCON																			
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9) <i>Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>	CON													6,885	5,508	1,377				NHS
	ROW																			
	ADVCON																			
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond <i>Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>	CON																			NHS
	ROW																			
	ADVCON																			
OS91. Kualakai Parkway (Route 8930) Extension Modern <i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>	CON																			STP FLEXIBLE
	ROW																			
	ADVCON																			
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station <i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.</i>	CON																			STP ENHANCEMENT
	ROW																			
	ADVCON																			

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OS70. Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualalei Naval Road Enhance	DES	2,500	2,000	500																STP ENHANCEMENT
	PREROW													104	83	21				
	ROW																2,805	2,244	561	
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																				
OS96 Middle Street (Route 7415) Pavement Reconstruction SysPres	CON										3,000	3,000	0							HIGHWAYS FOR LIFE
	CON										12,000	12,000	0							STP FLEXIBLE (HFL funds are eligible to match the STP Flex funds)
<i>Estimated Total Project Cost - \$16,000,000 -- This is a pavement reconstruction project that will implement the use of post-tensioned precast concrete pavement panels to accelerate construction to reduce lane closures. This will replace the existing AC pavement. Other roadway items will be upgraded to current standards.</i>																				
OS71. Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements Safety	CON													6,000	4,800	1,200				NHS
<i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS72. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres	CON													6,000	4,800	1,200				NHS
	CON																			
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
OS73. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres	CON													2,387	1,910	477				NHS
	CON																			
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
OS74. Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A" SysPres	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS75. Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation SysPres	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS79. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS97 Sand Island Access Road (Route 64), Truck Weigh Station SysPres	DES										130	104	26							NHS
	ROW										125	100	25							
<i>Estimated Total Project Cost - \$5,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																				
OS81. Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center Modern	DES							52	0	52										LOCAL
	CON										12,730	2,277	10,453							INTERSTATE MAINT. DISCR
<i>Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.</i>																				
OAHU : STATE - FHWA TOTAL		44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	207,089	84,168	122,921	169,920	142,573	27,347	162,968	119,517	43,451	

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OAHU : STATE - FTA																				
OS85. JARC (Small Urban) Human	EQP/OPR	175	140	35	140	70	70	140	70	70										FTA SECTION 5316 (JARC) Small Urban
<i>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.</i>																				
OS86. New Freedom (Small Urban) Human	EQP/OPR	144	115	29	120	60	60	232	116	116										FTA SECTION 5317 (New Freedom) Small Urban
<i>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.</i>																				
OS95. Transportation Assistance for Elderly and Disabled Human	EQP							500	400	100	519	415	104	553	430	123	556	445	111	FTA SECTION 5310
	OPR							375	300	75	350	280	70	363	290	73	375	300	75	
<i>Estimated Total Project Cost - \$3,661,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.</i>																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	1,247	886	361	869	695	174	916	720	196	931	745	186	

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CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Transit Alapai Transit Center Multi-Use Path	CON	210	0	210																STP FLEXIBLE
<i>Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.</i>																				
OC2. Congest Alapai Transportation Management Center																				
Architectural/Engineering Consultant	DES				1,000	0	1,000													LOCAL
Architectural/Engineering Consultant	DES	4,500	4,400	100																STP FLEXIBLE
Management Center Building	DES/CON							4,301	3,440	861	16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087	STP FLEXIBLE
Parking Structure	CON	13,375	0	13,375	4,000	0	4,000													LOCAL
System Manager	DES							2,700	2,160	540	460	0	460	1	0	1	1	0	1	STP FLEXIBLE
	EQP													1	0	1	1,700	0	1,700	LOCAL
<i>Estimated Total Project Cost - \$83,097,000 -- The transportation management center will be a joint communication center to be built in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.</i>																				
OC3. Enhance Bicycle Projects	EQP							10	0	10				10	0	10				LOCAL
Kalaheo Avenue	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
Kealaolu Ave Shoulder Improvements	DES				1	0	1													LOCAL
	CON				620	496	124													STP FLEXIBLE
	CON							190	0	190	250	200	50							STP FLEXIBLE
Civic Center Bike Path Improvements	CON				325	260	65													STP FLEXIBLE
<i>Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex</i>																				
Hamakua Drive Bike Improvements	DES							100	80	20				800	640	160				STP FLEXIBLE
	CON																			STP FLEXIBLE
Diamond Head Rd/Monsarrat Ave/Makapuu Ave/18 th Ave Bike Improvements	ROW							1	0	1	1	0	1							LOCAL
	PLN							1	0	1										LOCAL
	DES	148	0	148																LOCAL
	CON							760	560	200	180	0	180							STP FLEXIBLE
Pearl Harbor Bike Path	DES										500	400	100							STP FLEXIBLE
	CON																2000	1600	400	
Waialae Avenue Bike Lanes	DES							40	0	40										LOCAL
	CON							80	0	80										LOCAL
TBD	CON										3	0	3	280	160	120	250	200	50	STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,565,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.</i>																				
OC4. SysPres Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.</i>																				

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OC5. Computerized Traffic Control System																				
Congest Phase 13: Mililani Mauka Area	EOP	1	0	1				1	0	1										LOCAL
	CON				3,307	2,527	780													STP FLEXIBLE
Phase 14: Mililani Town - Part 1	CON															3,385	2,708	677		STP FLEXIBLE
Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa																				
Ph 15 - Mililani Town - Part 2	DES	250	200	50																
Ph 16 - Wahiawa	DES				375	300	75													
Phase 17: Makakilo Area	DES															420	336	84		STP FLEXIBLE
Phase 18: Nanakuli Area	DES																			STP FLEXIBLE
<i>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.</i>																				
OC6. Kapolei Parkway (Route 8920)	DES	1	0	1																LOCAL
Congest 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
	CON				3,164	3,164	0													STP FLEXIBLE
<i>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.</i>																				
OC7. Makakilo Drive (Route 8810) Extension	DES							3,000	0	3,000										LOCAL
Modern Phase 1																				
<i>Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway</i>																				
OC8. 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
Modern Maluna Street to Ala Liliko Street																				
<i>Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko Street.</i>																				
OC9. Seismic Bridge Retrofit	DES															600	480	120		BRIDGE OFF-SYSTEM
SysPres	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM
<i>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.</i>																				
OC25. Kuakini Street Extension	PLN				10	0	10				10	0	10							LOCAL
Congest	DES				10	0	10				10	0	10							LOCAL
	CON							2,107	2,107	0										STP FLEXIBLE
	CON										970	0	970							LOCAL
	INSP										10	0	10							LOCAL
<i>Estimated Total Project Cost - \$5,782,000 -- 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.</i>																				

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OC10. Traffic Improvements at Various Locations Safety Palolo Area <i>Provide traffic engineering devices on Palolo Avenue, 9th Avenue, and 10th Avenue. This may include roundabouts, bulbouts, and intersection modifications.</i> Harding Ave. and 5th Ave. and 11th Ave. <i>Widen the roads and improve the traffic signal system to allow for protected left turns at the Harding Avenue/5th Avenue intersection and the Harding Avenue/11th Avenue intersection.</i> Waikamilo and Dillingham Intersection <i>Improve the intersection at Dillingham Blvd and Waikamilo Street, by adding left turn lanes on Waikamilo Street and modifying the signals.</i> Kalaheo Ave and Kailua Road <i>Conduct a study to evaluate traffic congestion and safety for the intersection at Kalaheo Avenue and Kailua Road. A roundabout is being considered but actual improvements are to be determined as a result of the study.</i> Village Park and Kupuna Loop <i>Conduct a sub-area traffic safety and circulation study of existing roadway conditions along Kupuna Loop. The result of the study will determine actual improvements and locations.</i> TBD <i>Estimated Total Project Cost - \$11,823,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waikamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.</i>	DES	300	0	300				200	0	200										LOCAL	
	CON													2,409	1,927	482	990	0	990		STP FLEXIBLE
	CON							288	0	288	301	201	100								STP FLEXIBLE
	DES				1		0	1	300	0	300										
	CON							1,130	930	200	300	200	100								
	ROW										50	0	50					112	82	30	STP FLEXIBLE
	PLN										50	0	50					51	0	51	LOCAL
	DES										618	400	218					100	80	20	STP FLEXIBLE
	CON																	1,785	1,428	357	STP FLEXIBLE
	ROW																	200	160	40	STP FLEXIBLE
	DES													450	360	90					STP FLEXIBLE
	CON																	2,815	2,250	565	STP FLEXIBLE
	DES										300	50	250	200	0	200	800	400	400	400	LOCAL
	CON																500	0	500		STP FLEXIBLE
	OC30. Traffic Signal Maintenance Facility Congest	DES							1	0	1	70	0	70							
ROW											10	0	10								
EQP								1	0	1											
CON								5,000	4,000	1,000											STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,082,000 -- Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.</i>																					
OC26. Traffic Signal Optimization Congest	DES				450	360	90														STP FLEXIBLE
	DES							1,020	816	204											STP FLEXIBLE
	<i>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.</i>																				

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OC11. Traffic Signals at Various Locations																						
Congest Phase 13 - University area, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St	CON				3,270	2,625	645												STP FLEXIBLE			
	EQP	1	0	1															LOCAL			
<i>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).</i>																						
Phase 14 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	PLN	1	0	1															LOCAL			
	DES	350	280	70															STP FLEXIBLE			
	CON									3,000	2,349	651							STP FLEXIBLE			
	EQP									1	0	1							LOCAL			
<i>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.</i>																						
Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihoo St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	PLN				1	0	1												LOCAL			
	DES				430	380	50												STP FLEXIBLE			
	CON													3,060	2,396	664			STP FLEXIBLE			
	EQP													1	0	1			LOCAL			
<i>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/Kawaihoo St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal).</i>																						
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/Nanaieola St, Noho St/Mott-Smith Dr	DES							350	280	70									STP FLEXIBLE			
	CON																	3,316	2,652	664	STP FLEXIBLE	
	EQP																	1	0	1	LOCAL	
Phase 17	PLN										1	0	1	1	0	1				LOCAL		
	DES										450	360	90	364	291	73				STP FLEXIBLE		
	CON																		4,000	3,349	651	STP FLEXIBLE
	EQP																		1	0	1	LOCAL
Phase 18	PLN																		1	0	1	LOCAL
	DES																		364	291	73	STP FLEXIBLE
<i>Estimated Total Project Cost - \$20,248,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordinatio.</i>																						
OC12. Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30																LOCAL		
Safety	CON	480	360	120	150	0	150														STP FLEXIBLE	
<i>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 pedestrian push buttons to ADA compliant push buttons.</i>																						
OAHU : C&C OF HONOLULU - FHWA TOTAL		39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	51,104	14,393	36,711	52,132	30,656	21,476	68,611	42,536	26,075			

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CITY & COUNTY OF HONOLULU - FTA																				
OC13. Agency Provided Trips																				
Human	OPR																			FTA §5316 JARC Urb
	OPR	230	115	115	422	190	232	426	191	235	412	206	206							FTA §5317 NF Urb
	OPR										178	89	89	312	156	156	324	162	162	FTA §5307
<i>Estimated Total Project Cost - \$2,799,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.</i>																				
OC14. Bus and Handi-Van Acquisition Program																				
Transit	EQP										16,087	13,000	3,087	48,006	12,006	36,000	20,000	2,000	18,000	FTA §5307/§5340
	EQP				9,984	7,987	1,997													FTA §5307/§5340 (2011)
	EQP							16,752	12,564	4,188										FTA §5307/§5340 (2012)
	EQP	5,713	4,998	715																FTA §5307/§5340 TIGGER II
	EQP	2,436	1,949	487	2,500	2,000	500													FTA §5309 FGM
	EQP							2,500	1,888	612										FTA §5309 FGM (2008)
	EQP				14,040	12,000	2,040													FTA §5309 SOGR
	EQP										7,800	5,000	2,800							FTA §5309 SOGR (2012)
	EQP										1,360	1,088	272	1,415	1,132	283	1,471	1,177	294	FTA §5337 SOGR
	EQP										1,308	1,046	262							FTA §5337 SOGR (2013)
	EQP										8,902	7,121	1,781	4,720	3,776	944	4,909	3,927	982	FTA §5339 (2013)
	INSP	20	18	2	50	45	5													FTA §5307/§5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115										LOCAL
<i>Estimated Total Project Cost - \$170,303,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.</i>																				
<i>FFY 2011: 8-45' buses</i>																				
<i>FFY 2012: 35<30' vehicles + 13-40' buses</i>																				
<i>FFY 2013: 55<30' vehicles + 112-40' buses</i>																				
<i>FFY 2014: 37-40' buses + 10-60' buses.</i>																				
<i>FFY 2015: 30<30' vehicles + 5-35' buses + 15-40' buses + 10-60' buses</i>																				
<i>FFY 2016: 30<30' vehicles + 5-35' buses + 25-40' buses + 10-60' buses</i>																				
OC27. Bus Stop ADA Access Improvements																				
Transit	PLN							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES							270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON							625	368	257	325	0	325	325	0	325	325	0	325	FTA §5307/§5340
	EQP							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	ROW							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$2,692,000 - To modify bus stops in compliance to the Americans With Disabilities Act (ADA).</i>																				
OC28. Bus Stop Pad Improvements																				
Transit	ROW													10	0	10	10	0	10	LOCAL
	DES							150	0	150	100	0	100	82	0	82	82	0	82	LOCAL
	CON							825	306	519	825	0	825	432	0	432	432	0	432	FTA §5307/§5340
<i>Estimated Project Cost - \$2,948,000 - To construct bus pads at various locations to improve bus stops located in poor roadway conditions.</i>																				
OC29. Bus Stop Site Improvements																				
Transit	ROW							1	0	1										LOCAL
	PLN							5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	DES							200	0	200	90	0	90	90	0	90	90	0	90	LOCAL
	CON							625	332	293	405	0	405	405	0	405	405	0	405	FTA §5307/§5340
	EQP							1		1	5	0	5	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$2,339,000 - To improve bus stops, shelters, benches and other improvements at various locations.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)					
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)	HHCTCP	80,900	30,000	50,900									103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340					
	HHCTCP							171,875	55,000	116,875			888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2010)		
	HHCTCP							698,475	200,000	498,475												FTA \$5309 NS (2011)		
	HHCTCP							825,100	250,000	575,100													FTA \$5309 NS (2012)	
	HHCTCP																						FTA \$5309 NS (2013)	
<i>Estimated Total Project Cost - \$5,163,495,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i> a. Total estimated HHCTCP cost (YOES\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560 b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant. c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOES\$000). d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																								
OC16. Local Shuttle Service Human	OPR				190	95	95	208	104	104										FTA \$5316 JARC Urb				
	OPR										204	102	102	212	106	106	220	110	110	FTA \$5307				
<i>Estimated Total Project Cost - \$1,034,000 -- To maintain and expand shuttle services provided at Kalaheo homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																								
OC17. Middle Street Intermodal Center Transit	PLN																			1	0	1	LOCAL	
	DES	300	0	300										2,500	0	2,500	200	0	200				LOCAL	
	CON													1,810	1,327	483	29,322	23,458	5,864				FTA \$5309 BC	
	EOP																1	0	1				LOCAL	
<i>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.</i>																								
OC18. Mobility Management Human	OPR	496	397	99	318	254	64	318	254	64	220	176	44										FTA \$5316 JARC Urb	
	OPR	100	80	20	54	43	11	54	43	11													FTA \$5317 NF-Urb	
	OPR										551	441	110	400	320	80	416	332	84				FTA \$5307	
<i>Estimated Total Project Cost - \$2,927,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.</i>																								
OC19. Preventive Maintenance Transit	OPR				43,080	21,000	22,080	40,034	25,000	15,034	46,595	26,000	20,595	48,459	0	48,459	50,397	0	50,397				FTA \$5307/\$5340	
	OPR										7,864	4,200	3,664										FTA \$5307/\$5340 (2008)	
	OPR				45,584	27,161	18,423																FTA \$5307/\$5340 (2011)	
<i>Estimated Total Project Cost - \$282,013,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																								
OC24. Special Needs Transportation Human	OPR	146	73	73																			FTA \$5317 NF-Urb	
	<i>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.</i>																							
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL	
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL	
	CON							1	0	1	1	0	1	1	0	1	1	0	1				LOCAL	
	EOP							413	330	83	413	330	83	413	330	83	413	330	83				FTA \$5307/\$5340	
	EOP				455	365	90																	FTA \$5307/\$5340 (2011)
	EOP							754	364	390														FTA \$5307/\$5340 (2012)
<i>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.</i>																								
OC22. West Oahu Bus and Handi-Van Maintenance Facility Transit	PLN										1	0	1	1	0	1	1	0	1				LOCAL	
	ROW										1,000	0	1,000	1	0	1	1	0	1				LOCAL	
	DES										50	0	50	8,000	0	8,000	1	0	1				LOCAL	
	CON													1	0	1	21,500	17,200	4,300				FTA \$5309 BC	
	RELOC													1	0	1	1	0	1				LOCAL	
	EOP										1,000	0	1,000											LOCAL
<i>Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.</i>																								

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC23. Windward Transit Center																				
Transit	PLN										1	0	1	1	0	1			LOCAL	
	ROW										1	0	1	1	0	1			LOCAL	
	DES										200	0	200	200	0	200			LOCAL	
	CON										3,000	0	3,000						LOCAL	
	INSP										150	0	150	1	0	1			LOCAL	
	EQP										1	0	1	1	0	1			LOCAL	
<i>Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.</i>																				
OAHU : C&C OF HONOLULU - FTA TOTAL		90,447	37,630	52,817	116,790	71,140	45,650	1,759,732	546,744	1,212,988	988,625	309,046	679,579	865,081	251,153	613,928	576,804	281,696	295,108	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0		25,520		0		255		17,979		0		52,133					
NHS (National Highway System)			11,720		7,440		40,850		36,444		60,583		27,241							
BRIDGE OFF-SYSTEM			720		720		800		2,000		800		1,280							
BRIDGE ON/OFF SYSTEM			3,930		160		208		8,835		39,526		37,612							
STP ENHANCEMENT			2,000		0		0		7,216		2,045		2,244							
STP FLEXIBLE			30,859		18,028		22,857		27,385		50,944		41,256							
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		10,836		6,562		0		0							
NRCS - National Resources Conservation Service			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		3,000		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		6,577		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		51,595		52,155		76,638		98,561		173,229		162,053							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		(800)		(9,577)		(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		75,838		88,984		172,164		162,053							

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HAWAII : STATE - FHWA																				
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch <i>Modern</i>	CON												7,570	6,056	1,514					STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																				
HS42. Bridge and Pavement Improvement Program, Hawaii <i>SysPres</i>	CON				0	0	0	15,414	0	15,414	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																
Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																
Kohala Mtn Road (Route 250) PPM	CON	3,200	2,560	640																
Waiaka Jnc. Toward Hawi MP 2.54 to 6.44	CON																			
Route 190 Resurfacing	CON	5,100	4,080	1,020																
Makalei to Palani Jnc., MP 27.63 to 35.3	CON																			
Volcano Road (Route11) PPM	CON	3,600	2,880	720																
Inbound Lanes of Keaau Bypass to Panaewa Bridge	CON																			
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	CON				3,375	2,700	675													
Mamalahoa Hwy (Route 11) Pavement Preventative Maintenance	CON				6,000	4,800	1,200													
Kaapuna to Kaohe - MP 92.49 - MP 96.5	CON							5,430	4,344	1,086										
Volcano Road (Route11) Pavement Preventative Maintenance	CON																			
Keeau to Mountain View - MP 8.6 to MP 13.4	CON																			
Mamalahoa Highway (RTE 11) Pavement Preventative Maintenance	CON																			
Hawaii Volcano National Park to Kapapala Ranch, MP 39.5 to MP 45.62	CON																			
<i>Estimated Total Project Cost - \$98,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																				
<i>Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding 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)</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
HS3. Crater Rim Road (NPS) <i>SysPres</i>	CON				7,500	7,500	0													FED. LANDS HWY
<i>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.</i>																				
HS4. Guardrail and Shoulder Improvements, Various Locations <i>Safety</i>	DES												1,020	816	204					STP FLEXIBLE
	CON															1,400	0	1,400		
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge <i>SysPres</i>	CON				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.</i>																				
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge <i>SysPres</i>	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													
	ROW												1,112	890	222					
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																				
HS40. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge <i>Safety</i>	CON												6,120	896	5,224					BRIDGE ON/OFF SYSTEM
	ADVCON																	4,000	(4,000)	
<i>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.</i>																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge <i>Safety</i>	CON												1,704	1,363	341					NHS
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <i>Safety</i>	CON																1,515	1,212	303	NHS			
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																							
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaunaloa Bridge <i>Safety</i>	CON	1,514	1,211	303																NHS			
<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, Kaala Bridge Towards Kealakaha Bridge <i>Safety</i>	CON																	1,500	1,200	300	NHS		
<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, Waipunahina Bridge to East Paaulo Bridge <i>Safety</i>	DES CON				112	90	22						1,660	1,328	332					NHS			
<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, Phase I (Laupahoehoe Gulch) <i>Safety</i>	CON ADVCON												36,500	12,000	24,500			0	5,000	(5,000)	NHS		
<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, Phase II (Maulua Gulch) <i>Safety</i>	DES												650	520	130						NHS		
<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 Vic. of Laupahoehoe Gulch to Kaawali Gulch <i>Safety</i>	CON CON				2,000	1,800	200														HSP 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 <i>SysPres</i>	DES PREROW CON				1,000	800	200	115	92	23					3,500	2,800	700				STP FLEXIBLE		
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																							
HS18. Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles) <i>Modern</i>	DES PREROW												3,400	2,720	680	104	83	21			NHS		
<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), Waiakea Stream Bridge Replacement and Realignment of Approaches <i>SysPres</i>	DES PREROW ROW CON				1,144	915	229	50	40	10					2,120	1,696	424			10,600	8,480	2,120	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiakea Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																							
HS20. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa <i>Modern</i>	DES PREROW ROW				3,000	2,400	600						102	81	21				1,900	1,520	380	STP FLEXIBLE	
<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 Old Government Road <i>Safety</i>	CON												4,800	4,320	480							HSP	
<i>Estimated Total Project Cost - \$5,500,000 -- 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 Paradise Drive, Orchardland Drive, and Ainaloa Blvd <i>Safety</i>	CON	2,500	2,250	250																		HSP	
<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																							
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 1: Keaau Bypass to Shower Drive <i>Modern</i>	CON CON				21,500	17,200	4,300	1,820	1,456	364												STP FLEXIBLE HSP	
Phase 2: Shower Drive Intersection Improvements	CON CON											1,600	1,280	320	500	450	50					STP FLEXIBLE HSP	
<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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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. Kealahoe Parkway Extension (Route 197), Modern Keanalehu Drive to Kealakaa Street	DES PREROW ROW										790	632	158				51	41	10				1,100	880	220	STP FLEXIBLE
<i>Estimated Total Project Cost - \$7,000,000 -- Extension of Kealahoe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>																										
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON																						2,700	2,160	540	STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.</i>																										
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES																810	648	162							BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.</i>																										
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON																9,000	7,200	1,800							STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																										
HS43. Mamalahoa Highway (RTE 190), Safety Improvements Safety MP 3.9 to MP 6.9	DES										250	225	25													HSIP
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																										
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																										
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoehua Ave (Rte 1) Modern Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	PREROW																50	40	10							STP FLEXIBLE
<i>Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																										
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoehua Ave (Rte 11) to Komohana St (Rte 1940), Modern Phase 1 - Kawili (Rte 2770) to Kanoehua Ave (Rte 11)	PREROW ROW ROW										51	40	11				5,200	4,160	1,040							STP FLEXIBLE EARMARK - HIGH PRIORITY (HI025)
<i>Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																										
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements Congest at Kawaihae Road (Route 19)	ROW CON										171	136	35				1,190	1,071	119							HSIP
<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																										
HS36. Saddle Road Extension Modern	DES ADVCON																9,180	2,344	6,836				0	5,000	(5,000)	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																										
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern	CON ROW CON				13,500	13,500	0																			TIGER 3 FUNDS EARMARK - HIGH PRIORITY/STP FLEXIBLE
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																										
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3	ROW CON CON CON	200	200	0													20,000	20,000	0							EARMARK - HIGH PRIORITY/STP FLEXIBLE
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																										
HAWAII : STATE - FHWA TOTAL		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,328	28,534	17,794	107,625	46,700	60,925	37,589	29,751	7,838							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	CON																			STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.</i>																				
HC3. Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1 Modern	DES																			STP FLEXIBLE
<i>Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.</i>																				
HC5. Bridge Inspection and Appraisal SysPres	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HC7. Kaiminani (Route 198) Drive Roadway Improvements Phase 1 - Mamalahoa Hwy (Rte 190) to Vicinity of Ahiahi Street SysPres	DES	10	8	2																STP FLEXIBLE
	CON	8,500	6,800	1,700																
	CON							13,613	5,840	7,773										
	ADVCON										0	5,289	(5,289)							
<i>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 improvements.</i>																				
HC8. Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street SysPres	CON				14,600	5,000	9,600													STP FLEXIBLE
	ADVCON								6,680	(6,680)										
<i>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.</i>																				
HC9. Kawaiiani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2 Congest	CON												12,500	10,000	2,500					STP FLEXIBLE
<i>Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiiani/Iwalani and Kawaiiani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.</i>																				
HC10. Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway Modern	DES																1,500	1,200	300	STP FLEXIBLE
<i>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.</i>																				
HC17. Mamalahoa Highway Safety Improvements (Holualoa) Safety	DES							100	80	20										STP FLEXIBLE
	PREROW							50	40	10										
<i>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.</i>																				
HC11. Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital) Modern	PLN				10	8	2													NHS
	DES										800	640	160							
	CON																8,000	6,400	1,600	
<i>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.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
HC15. Manono Street (Route 2770) Roadway Improvements SysPres Lanikaula Steet to Kekuaaoa Street	DES	50	40	10																STP FLEXIBLE	
	ROW				520	416	104														
	CON									5,000	4,000	1,000									
<i>Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuaaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements</i>																					
HC12. Reed's Island Bridge Rehabilitation SysPres	CON	5,000	4,000	1,000																	BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.</i>																					
HC18. Waianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	PLN							350	280	70											STP FLEXIBLE
	DES												51	41	10						
	ROW												250	200	50						
<i>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.</i>																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	1,213	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396		

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COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility Transit	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. Rural Transportation Program Transit	EQP/OPR	844	675	169	1,160	600	560	1,069	855	214	2,000	1,000	1,000	1,290	1,030	260	1,325	1,060	265	FTA SECTION 5311
<i>Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.</i>																				
HC16. State of Good Repair Transit	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
	EQP/OPR				2,750	2,200	550	1,500	1,200	300										
<i>Estimated Total Project Cost - \$9,250,000 -- 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>																				
HC20. Transportation Assistance for Elderly and Disabled Human	EQP							250	200	50										FTA SECTION 5310
<i>Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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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		0		0		0	
NHS (National Highway System)			1,211		5,698		4,344		640		18,014		13,812							
BRIDGE OFF-SYSTEM			4,080		80		80		80		80		80						80	
BRIDGE ON/OFF SYSTEM			320		31,003		0		0		4,130		12,480						0	
STP ENHANCEMENT			0		0		0		0		0		0						0	
STP FLEXIBLE			24,568		35,108		12,920		11,322		33,698		13,784						0	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0						0	
EQUITY BONUS			0		0		0		0		0		0						0	
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0						0	
PUBLIC LANDS DISCRETIONARY			0		0		0		0		0		0						0	
NATIONAL RECREATIONAL TRAILS			299		299		299		299		299		299						299	
EARMARK - HIGH PRIORITY			0		20,000		70,000		20,000		0		0						0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0						0	
EARMARK - SECTION 112			0		0		0		0		0		0						0	
EARMARK - SECTION 115			0		0		0		0		0		0						0	
EARMARK - SECTION 117			0		0		0		0		0		0						0	
FLHD - Federal Lands Highway Discretionary			0		7,500		0		0		0		0						0	
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0						0	
HSIP- Highway Safety Improvement Program			2,250		3,256		0		6,202		0		0						0	
NRCS - National Resources Conservation Service			0		0		0		0		0		0						0	
TIGER 3			0		13,500		0		0		0		0						0	
FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		0		0		0						0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0						0	
	SUBTOTAL		32,728		116,444		87,643		38,543		56,221		40,455							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		(41,000)		(70,000)		(20,000)		0		0						0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
			0		0		0		0		0		0						0	
REGULAR FORMULA AUTHORITY	TOTAL		32,728		75,444		17,643		18,543		56,221		40,455							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MAUI : STATE - FHWA																					
MS36. SysPres Bridge and Pavement Improvement Program, Maui	CON							19,400	0	19,400	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE	
Haleakala Highway (Route 37) PPM (1.5 in overlay) Kula Hwy to Haleakala Crater Road Jnc.	CON	2,200	1,760	440																	
Haleakala Crater Road (Route 378) MP 0.0 to 2.0	CON	1,300	1,040	260																	
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																	
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																	
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																	
Kula Hwy (Route 37) Resurfacing 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	CON	3,200	2,560	640																	
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																	
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	ADVCON				2,650	320	2,330														
Kuihelani Hwy (RTE 380) PPM, Puunene Ave to Honoapiilani Hwy & Honoapiilani Hwy (RTE 30) PPM, Kuihelani Hwy to Kapoli	CON							0	1,800	(1,800)	3,500	2,800	700								
Maunaloa Hwy (RTE 460) Resurfacing Mahana to Maunaloa Village	CON							2,000	1,600	400											
<i>Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																					
<i>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)</i>																					
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																					
MS1. Safety Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1 - Honoapiilani Hwy (Route 30) Part 2	CON CON										1,430	1,144	286	1,000	800	200				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS2. Enhance Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.</i>																					
MS37. SysPres Hana Highway Historic Bridge Preservation Plan	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM	
<i>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.</i>																					
MS3. Enhance Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass	CON													1,530	1,224	306				STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																					
MS4. Modem Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW CON													121	97	24			6,760	5,408	1,352
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																					
MS5. SysPres Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW CON										825	660	165						5,400	4,320	1,080
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay</i>																					
MS7. Modem Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES													2,040	1,632	408				NHS	
<i>Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.</i>																					
MS30. Safety Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	CON							910	819	91										HSIP	
<i>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.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MS38. Honoapiilani Highway (Route 30), Safety Improvements Safety Ukumehame to Olowalu	DES										200	180	20							HSP
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS8. Honoapiilani Highway (Route 30) Safety Improvements, Safety Vicinity of Kapoli Street to Papalaua Beach Park	CON										3,110	2,799	311							HSP
<i>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.</i>																				
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, SysPres Vicinity of Olowalu	CON										3,180	2,544	636							NHS
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																				
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, Modern Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES PREROW	500	400	100				50	40	10										NHS
<i>Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.</i>																				
MS11. Kahului Airport Access Road (Route 3800) Modern	CON ADVCON				37,950	2,700	35,250	0	27,660	(27,660)										NHS
<i>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.</i>																				
MS12. Kahului Beach Road (Route 3400), Shoreline Protection SysPres Kahului Bay (#1)	CON													1,975	1,580	395				STP FLEXIBLE
<i>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.</i>																				
MS14. National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>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.</i>																				
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.</i>																				
MS16. Paia Bypass Road (Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES PREROW													3,375	2,700	675				STP FLEXIBLE
<i>Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.</i>																				
MS35. Piilani Highway, Traffic Operational Improvements Modern at Ohukai Road	CON							1,515	1,212	303										NHS
<i>Estimated Total Project Cost - \$2,000,000 -- Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rearranging the traffic signals.</i>																				
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) Modern to Kuihelani Highway (Route 380)	PREROW ROW CON													34	26	8				STP FLEXIBLE
<i>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.</i>																				
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation SysPres Iao Stream Bridge	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.</i>																				
MOLOKAI																				
MS20. Guardrail and Shoulder Improvements Program Safety at Various Locations, Molokai	CON	750	600	150							765	612	153							STP FLEXIBLE
Part 1	CON																			
Part 2	CON																			
Part 3	CON													750	600	150				
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS22. Kamehameha V Highway (Route 450), Bridge Replacement SysPres Makakupaia Stream Bridge	CON													4,293	3,435	858				BRIDGE ON/OFF SYSTEM
<i>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.</i>																				
MAUI : STATE - FHWA TOTAL		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	30,459	8,298	22,161	42,022	17,216	24,806	39,574	15,259	24,315	

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MAUI : STATE - FTA																				
MS24. Lahaina Small Boat Harbor and Ferry Pier	PLN				375	300	75													FTA SECTION 5309
Transit	DES				1,438	1,150	288	1,375	1,100	275	1,250	1,000	250							
	CON				10,438	8,350	2,088	8,006	6,405	1,601	10,220	8,175	2,045							
<i>Estimated Total Project Cost - \$33,876,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.</i>																				
MS25. Improvements at Maalaea Small Boat Harbor,	CON	500	400	100				3,750	3,000	750										FTA SECTION 5309
Transit																				
<i>Estimated Total Project Cost - \$4,250,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.</i>																				
MOLOKAI																				
MS27. Kaunakakai Harbor Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
Transit																				
<i>Estimated Total Project Cost - \$4,250,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.</i>																				
LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier	DES	1,000	800	200																FTA SECTION 5309
Transit	CON				5,625	4,500	1,125	1,875	1,500	375										
<i>Estimated Total Project Cost - \$8,500,000 -- New ferry pier, loading dock and related improvements.</i>																				
MAUI : STATE - FTA TOTAL		2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	11,470	9,175	2,295	0	0	0	0	0	0	

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COUNTY OF MAUI - FHWA																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1 Phase 1 - Makawao Ave to Haliimaile Road Phase 2 - Haliimaile Road to Hana Hwy.	CON												1,892	1,280	612					STP FLEXIBLE
	DES							200	0	200										
	CON														4,800	3,600	1,200			
<i>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 miles</i>																				
MC41. Bridge and Pavement Improvement Program, Maui (County)																				IM / NHS / STP FLEXIBLE
Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																Backup SMP project for 2011
<i>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.</i>																				
MC3. Bridge Inspection and Appraisal	PLN							300	240	60				300	240	60				BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420				2,100	1,680	420										STP FLEXIBLE
Haleakala Highway to Baldwin Avenue	CON	500	450	50																HSP-HRRR
<i>Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.</i>																				
MC42. Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON							2,100	1,680	420										STP FLEXIBLE
Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON							400	360	40										HSP-HRRR
<i>Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.</i>																				
MC5. Hansen Road (Route 3600) Pavement Reconstruction,	DES							500	0	500										LOCAL
Hana Highway to Puunene Avenue	ROW							200	0	200										LOCAL
	CON												4,875	3,500	1,375					STP FLEXIBLE
<i>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.</i>																				
MC6. Hina Avenue (Route 3930) Pavement Reconstruction,	DES							700	0	700										LOCAL
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)																				
<i>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.</i>																				
MC58. Iao Stream Bridge Repairs, Iao Valley Road (RTE 3200)	DES												250	0	250					STP FLEXIBLE
	CON														2,550	1,800	750			
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC43. Kahananui Bridge Replacement	DES							200	0	200										LOCAL
(Lower Honoapiilani Road - RTE 3080)	CON														3,539	2,519	1,020			BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC7. Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON														4,437	3,060	1,377			BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC8. Kahekihi Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800																STP FLEXIBLE
North Market Street to Waiehu Beach Road																				
<i>Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekihi Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.</i>																				
MC38. Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC10. Kamehameha Avenue (Route 3940) Traffic Signals at Kane Street	DES							250	0	250										LOCAL
	CON												675	540	135					STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.</i>																				
MC59. Kokomo Road (RTE 366) and Makawao Avenue (RTE 365)	DES												300	0	300					STP FLEXIBLE
Pavement Rehabilitation, Hanamalia Place to Piihola Road	CON														5,150	3,800	1,350			
<i>Estimated Total Project Cost - \$5,450,000 -- Resurface pavement on Kokomo Road and Makawao Avenue from Hanamalia Place to Piihola Road. Improvements may include pavement striping and marking, signage and utility adjustments. Approx length = 4.0 miles</i>																				

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MC13. Koukouai Bridge Modifications (Hana Highway - Route 360) <i>SysPres</i>	DES				100	0	100													LOCAL BRIDGE OFF-SYSTEM																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$6,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC14. Kulanihakai Bridge Replacement (South Kihei Road - Route 3100) <i>SysPres</i>	DES	500	0	500																LOCAL BRIDGE OFF-SYSTEM																				
<i>ROW</i>																					200	0	200																	
<i>CON</i>																																	3,621	2,897	724					
<i>Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC39. Lahaina Watershed Flood Control Project, Phase 2 <i>SysPres</i>	CON	3,968	3,968	0																EARMARK (Section 117) NRCS																				
<i>CON</i>																					2,032	2,032	0																	
Phase 3A	DES				80	80	0													EARMARK (Section 117) EARMARK (Section 117)																				
<i>CON</i>																											2,600	2,200	400											
<i>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.</i>																																								
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360) <i>SysPres</i>	DES				500	0	500													LOCAL BRIDGE OFF-SYSTEM																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																																								
MC52. Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2 <i>SysPres</i>	DES							40	32	8										STP FLEXIBLE																				
<i>CON</i>																																	867	694	173					
<i>Estimated Total Project Cost - \$925,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.</i>																																								
MC18. Lower Honoapiilani Road (Route 3080) Improvements, <i>SysPres</i>	ROW				1,000	0	1,000													LOCAL STP FLEXIBLE																				
<i>Hooehui Road to Napilihau Road</i>																																								
<i>Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.</i>																																								
MC21. Makani Road (Route 3630) Resurfacing, <i>SysPres</i>	CON	2,000	1,600	400																STP FLEXIBLE																				
<i>Haleakala Highway to Kalama Intermediate School</i>																																								
<i>Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.</i>																																								
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements <i>SysPres</i>	ROW	1,000	0	1,000																LOCAL STP FLEXIBLE																				
<i>CON</i>																																								
<i>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.</i>																																								
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street <i>Congest</i>	DES							200	0	200										LOCAL LOCAL																				
<i>ROW</i>																																	500	0	500					
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																																								
MC53. Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf. <i>SysPres</i>	CON													3,500	2,800	1,000				STP FLEXIBLE																				
<i>Aeloa Rd - Makawao Ave. & Old Haleakala Hwy. to Haleakala Bypass</i>																																								
<i>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.</i>																																								
MC44. Papa Avenue (RTE 3910) Pavement Reconstruction, <i>SysPres</i>	DES							250	0	250										STP FLEXIBLE																				
<i>CON</i>																											8,700	6,320	2,380											
<i>Estimated Total Project Cost - \$9,000,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.</i>																																								
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue <i>Congest</i>	DES				200	0	200													LOCAL STP FLEXIBLE																				
<i>CON</i>																																								
<i>Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																																								
MC28. Pukalani Street Pavement Reconstruction, <i>SysPres</i>	DES	200	0	200																LOCAL STP FLEXIBLE																				
<i>CON</i>																					500	400	100																	
<i>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.</i>																																								

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MC45. South Kihei Road (RTE 3100) Pavement Rehabilitation, SysPres Alanui Ke Alii to Kamaole III South Entrance	DES CON				150	0	150				3,600	2,600	1,000							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,750,000 -- 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.</i>																					
MC46. South Kihei Road (RTE 3100) Traffic Signal Modernization Congest Lipoa Street to Piikea Avenue	DES CON				90	8	82													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.</i>																					
MC31. Waiale Road (Route 3180) Traffic Signals at Waiinu Road Congest	DES CON				150	0	150							810	648	162				LOCAL STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																					
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	DES CON				500	0	500										3,862	2,652	1,210	LOCAL STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honopiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.</i>																					
MC33. Waiohono Bridge Replacement (Hana Highway - Route 360) SysPres	DES CON	50	0	50																LOCAL BRIDGE OFF-SYSTEM	
<i>Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																					
MC34. Waipuilani Bikepath Enhance	DES CON	300	0	300														1,730	1,384	346	STP ENHANCEMENT
<i>Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakai Street to Waipuilani State Park. Approximately 0.5 miles.</i>																					
MC54. Waialea Alanui Dr (Rte 3135) & Waialea Ike Dr. (Rte 3137) Pavmnt Rehab. SysPres Okolani Dr. to Waialea Ike Dr. & Piilani Hwy to Waialea Alanui Dr.	CON										2,244	1,632	612							STP FLEXIBLE	
<i>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 Highway to Waialea Alanui Drive. Includes pavement striping and marking, signage and safety improvements. Approx 1.4 miles.</i>																					
MC60. Wakea Ave. (RTE 3920) and Kamehameha Avenue (RTE 3940) Congest Traffic Signal Upgrade	DES CON										50	40	10	1,000	800	200				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,050,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, and drainage improvements.</i>																					
MC51. Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab. SysPres	CON							3,125	2,500	625										STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,500,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waialea Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles</i>																					
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation, SysPres Kaahumanu Avenue to Puunene Avenue	DES CON				100	0	100													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.</i>																					
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest	DES CON				110	8	102				749	599	150							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																					
MAUI : COUNTY OF MAUI - FHWA TOTAL		28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	20,077	14,345	6,032	21,057	15,564	5,493	18,613	14,045	4,568		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility (Rural)	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgrm)
<i>Transit</i> <i>Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.</i>																				
MC37. Rural Transportation Program	OPR	844	675	169	1,510	600	910	1,038	830	208	3,875	500	3,375	645	515	130	665	530	135	FTA SECTION 5311
<i>Transit</i> <i>Estimated Total Project Cost - \$6,696,000 -- Operate public transit system.</i>																				
MC40. Bus and Bus Facility (Small Urban)	EQP/OPR	1,842	1,473	369							420	335	85	430	345	85	445	355	90	FTA SECTION 5339 (Small Urban)
<i>Transit</i> <i>Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and operation of the bus system.</i>																				
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
<i>Transit</i> <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	1,250	1,000	250										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
<i>Transit</i> <i>Estimated Total Project Cost - \$3,475,000 -- 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>																				
MC55. Urbanized Area	EQP/OPR							1,275	1,020	255	1,275	1,020	255	1,313	1,050	263	1,350	1,080	270	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
<i>Transit</i> <i>Estimated Total Project Cost - \$5,335,000 -- Capital purchases, operating costs & planning</i>																				
MC56. Livability	CON							1,000	800	200										FTA SECTION 5309 Bus & Bus Facilities Discretionary - Livability
<i>Transit</i> <i>Estimated Total Project Cost - \$1,000,000 -- Construct Bus Stops at various locations. 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 to be utilized in support of the program goal. The goal of the program is to invest in projects that increase transportation options, provide access to jobs and affordable housing, encourage economic development, and improve accessibility to transportation for the public. The program funds capital expenses for projects ranging from intermodal facilities, to sustainability oriented buses, to bicycle infrastructure and more.</i>																				
MC57. Transportation Assistance for Elderly and Disabled	EQP							250	200	50	350	280	70	365	290	75	375	300	75	FTA SECTION 5310
<i>Human</i> <i>Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																				
MAUI : COUNTY OF MAUI - FTA TOTAL		3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	6,070	2,255	3,815	2,908	2,325	583	3,000	2,395	605	

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KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	11,300	0	11,300	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres Kapule Hwy (Route 51) Resurfacing (UTW) 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																
Waimea Canyon Drive/ Kokee Road (RTE 550) Resurfacing MP 6.0 to MP 8.5								3,500	2,800	700										
<i>Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai	DES	100	80	20																STP FLEXIBLE
Part 1	CON							625	500	125										
Part 2	DES							100	80	20										
Part 3	CON										1,000	800	200							
	DES													100	80	20				
	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS26. Kapaa Roundabout Beautification	CON				22	17	5													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.</i>																				
KS2. 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													803	643	160				
<i>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.</i>																				
KS4. Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	DES										530	424	106							BRIDGE ON/OFF SYSTEM
	ROW													65	52	13				
<i>Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.</i>																				
KS27. Kaumualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	DES										1,040	832	208							BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.</i>																				
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW										106	84	22							BRIDGE ON/OFF SYSTEM
	CON													7,350	5,880	1,470				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.</i>																				
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON																18,400	7,000	11,400	STP FLEXIBLE
	ADVCON																			
<i>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.</i>																				
KS11. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW													790	632	158				BRIDGE ON/OFF SYSTEM
	CON																10,710	8,568	2,142	
<i>Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. SysPres Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM
	PREROW				112	90	22													
	ROW													584	467	117				
	CON																8,670	1,020	7,650	
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS29. SysPres Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihwai Bridge	CON										12,000	1,600	10,400							STP FLEXIBLE
	ADVCON														8,000	(8,000)				
<i>Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS16. Modern Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS
	DES										5,000	4,000	1,000							
	PREROW																			
<i>Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.</i>																				
KS17. Safety Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON								1,250	1,000	250									HSIP - HRRR
<i>Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arkins and signing.</i>																				
KS20. Safety Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES										1,060	848	212							BRIDGE-ON SYSTEM
	ROW													520	416	104				
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				
KS22. Safety Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.</i>																				
KS23. Enhance National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
KS28. SysPres Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	1,000	9,000													STP FLEXIBLE
	ADVCON												7,000	(7,000)						
<i>Estimated Total Project Cost - \$10,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.</i>																				
KAUAI : STATE - FHWA TOTAL		10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	35,050	17,439	17,611	22,526	16,421	6,105	51,094	17,639	33,455	

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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 KAUI - 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										1,102	1,102	0							STP ENHANCEMENT	
	CON										5,175	5,175	0								
<i>Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.</i>																					
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES	125	100	25				125	100	25											BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.</i>																					
KC3. Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement SysPres	DES	75	60	15																	BRIDGE OFF-SYSTEM
	CON				800	640	160														
<i>Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.</i>																					
KC4. Hardy Street (Route 572) Improvements Safety	DES/CON				7,000	3,150	3,850														STP FLEXIBLE
	ADVCON							2,450	(2,450)												
<i>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.</i>																					
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	DES				20	16	4														BRIDGE OFF-SYSTEM
	CON				312	250	62														
<i>Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.</i>																					
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN													400	320	80					BRIDGE OFF-SYSTEM
	DES																				
<i>Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.</i>																					
KC7. Kapahi Bridge Replacement SysPres	CON										2,000	1,600	400								BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.</i>																					
KC20. Koloa Road Safety Guardrail and Safety Improvements Safety	DES	150	135	15																	HRRR (High Risk Rural Road)
	CON										1,500	1,350	150								
<i>Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).</i>																					
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										270	270	0								
CON										1,590	1,590	0									
<i>Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lih'i Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).</i>																					
KC18. Maluhia Road (Route 520) Improvements Modern	DES													1,200	960	240					STP FLEXIBLE
	ROW																				
	CON																				
<i>Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumuallii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Nawiliwili to Ahukini Bike/Pedestrian Path Enhance (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A	DES																			STP ENHANCEMENT
	ROW																			
	DES																			
Phase B	DES																			
<i>Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.</i>																				
KC11. Northerly Leg of the Western Bypass Road Modern (Ala Kalanikaumaka (Route 522))	DES	2,000	1,600	400																STP FLEXIBLE
<i>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.</i>																				
KC13. Puhi Road (Route 5010) Rehabilitation SysPres	CON												2,400	1,920	480					STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using PCC. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intersection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 mile to the Kaneka St. - Puhi Road intersection.</i>																				
KC14. Puuopae Bridge Replacement SysPres	CON															3,000	2,400	600		BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.</i>																				
KC15. Resurfacing of Hanapepe Rd (Rte 545). SysPres Including Road Pavement Repairs as Necessary	DES	160	128	32																STP FLEXIBLE
<i>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.</i>																				
KC23. Resurfacing of Collector Roads, Various Locations SysPres	CON																			STIP FLEXIBLE
<i>Estimated Total Project Cost - \$3,000,000 -- Reconstructing weaken pavement areas, resurfacing and replacing pavement markers, striping and traffic signs for the following- Anahola Rd (RTE 566) - MP 0 - 0.75; Mallihuna Rd (RTE 5870) - MP 0 - 0.5; Hauala Rd (RTE 5865) - MP 0 - 1.1; Olohena Rd. (RTE 581) - MP 0 - 5; Moi Rd. (RTE 543) - MP 0 - 0.75.</i>																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	16,337	14,847	1,490	4,600	3,680	920	2,140	2,140	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.</i>																				
KC17. Rural Transportation Program	OPR	717	574	143	1,125	600	525	882	705	177	2,000	1,000	1,000	1,095	875	220	1,125	900	225	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$6,441,000 -- Operate public transit system.</i>																				
KC21. State of Good Repair	EQP/OPR				2,376	1,900	476	1,550	1,240	310										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$3,926,000 -- 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.</i>																				
KC22. Transportation Assistance for Elderly and Disabled	EQP							250	200	50										FTA SECTION 5310
<i>Human</i>																				
<i>Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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FTA SUMMARY																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	755	673	82	1,222	917	305	810	721	89	
OAHU, STATE		319	255	64	260	130	130	1,247	886	361	869	695	174	916	720	196	931	745	186	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	1,759,732	546,744	1,212,988	988,625	309,046	679,579	865,081	251,153	613,928	576,804	281,696	295,108	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	11,470	9,175	2,295	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	6,070	2,255	3,815	2,908	2,325	583	3,000	2,395	605	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	1,792,294	572,566	1,219,728	1,012,789	324,644	688,145	873,747	258,005	615,742	585,275	288,537	296,738	

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FHWA SUMMARY																				
STATEWIDE		41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,464	14,857	31,607	51,573	18,535	33,038	45,007	13,282	31,725	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	207,089	84,168	122,921	169,920	142,573	27,347	162,968	119,517	43,451	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	51,104	14,393	36,711	52,132	30,656	21,476	68,611	42,536	26,075	
ISLAND OF OAHU		83,400	51,595	31,805	79,316	52,155	27,161	125,812	76,638	49,174	258,193	98,561	159,632	222,052	173,229	48,823	231,579	162,053	69,526	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,328	28,534	17,794	107,625	46,700	60,925	37,589	29,751	7,838	
County of Hawaii		13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	1,213	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396	
ISLAND OF HAWAII		39,548	32,728	6,820	143,405	116,444	26,961	105,431	87,643	17,788	52,228	38,543	13,685	120,526	57,021	63,505	59,689	40,455	19,234	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	30,459	8,298	22,161	42,022	17,216	24,806	39,574	15,259	24,315	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	20,077	14,345	6,032	21,057	15,564	5,493	18,613	14,045	4,568	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	49,314	51,922	(2,608)	50,536	22,643	28,193	63,079	32,780	30,299	58,187	29,304	28,883	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	35,050	17,439	17,611	22,526	16,421	6,105	51,094	17,639	33,455	
County of Kauai		9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	16,337	14,847	1,490	4,600	3,680	920	2,140	2,140	0	
ISLAND OF KAUAI		19,406	16,880	2,526	28,681	7,920	20,761	17,324	7,269	10,055	51,387	32,286	19,101	27,126	20,101	7,025	53,234	19,779	33,455	
FHWA TOTAL		233,180	149,900	83,280	356,829	204,694	152,135	340,411	234,772	105,639	458,808	206,890	252,218	484,356	301,666	182,690	447,696	264,873	182,823	

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FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			25,520		0		255				17,979				52,133		
NHS (National Highway System)			18,531			15,838		76,906		39,628				80,326				46,461		
BRIDGE OFF-SYSTEM			11,120			1,706		1,220		3,680				12,316				9,043		
BRIDGE ON/OFF SYSTEM			6,650			41,442		5,336		14,083				57,581				66,400		
STP ENHANCEMENT			8,950			142		0		15,353				3,269				5,768		
STP FLEXIBLE			86,839			68,754		57,829		72,025				120,504				77,242		
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				1,865				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		400				1,000				1,000		
HSIP- Highway Safety Improvement Program			5,314			4,016		13,285		20,093				630				630		
NRCS - National Resources Conservation Service			2,032			0		0		0				0				0		
TIGER 3			0			13,500		0		0				0				0		
HIGHWAYS FOR LIFE			0			0		0		3,000				0				0		
FTA TRANSFER FUNDS			0			0		0		0				0				0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0		0		6,577				0				0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0		0				0				0		
	SUBTOTAL		149,900			204,694		234,772		206,890				301,666				264,873		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(11,000)			(46,080)		(78,000)		(40,177)				(6,865)				(5,000)		
LESS FTA TRANSFER FUNDS			0			0		0		0				0				0		
REGULAR FORMULA AUTHORITY	TOTAL		138,900			158,614		156,772		166,713				294,801				259,873		