

**DEPARTMENT OF TRANSPORTATION**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #5 (Administrative Modification)**  
**FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)**  
**Revision Effective Date: April 18, 2012**

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

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

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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>																				
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							3,500	2,800	700										
<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																				
<b>STATEWIDE - FHWA TOTAL</b>		<b>41,705</b>	<b>10,430</b>	<b>31,275</b>	<b>47,110</b>	<b>14,834</b>	<b>32,276</b>	<b>48,360</b>	<b>15,754</b>	<b>32,606</b>	<b>43,931</b>	<b>12,291</b>	<b>31,640</b>	<b>47,107</b>	<b>14,752</b>	<b>32,355</b>	<b>44,689</b>	<b>12,897</b>	<b>31,792</b>	

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

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<b>FUNDING CATEGORY SUMMARY - STATEWIDE</b>																				
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		2,400		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		6,334		7,654		3,791		6,652		4,397							
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		700		300		700		300		700		300		700		700	
HSIP- Highway Safety Improvement Program			400		400		400		400		400		400		400		400		400	
NRCS - National Resources Conservation Service			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		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		14,834		15,754		12,291		14,752		12,897							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		5,430		9,834		10,754		7,291		9,752		7,897							

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<b>OAHU: STATE - FHWA</b>																				
OS87. Bridge and Pavement Improvement Program, Oahu	CON				20,700	0	20,700	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE
SysPres Fort Weaver Road (Route 76), Pavement Preservation Popoi Place to Renton Road, MP 0.00 to 3.99	CON	5,000	4,000	1,000																
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																
Kahuapaani St (Route 7241) Resurfacing Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80	CON	6,000	4,800	1,200																
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15 Kapaa Quarry to Kalaheo	CON	8,500	6,800	1,700																
<i>Estimated Total Project Cost - \$189,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</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: <a href="http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm">http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm</a>. 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 Pilina Way in Kaneohe.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation Ulehawa Stream Bridge	ROW										551	441	110							BRIDGE ON/OFF SYSTEM
<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 Maipalaoa Bridge	CON																14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM
<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 Makaha Bridges #3 & #3A	ROW CON				1,000	800	200													BRIDGE ON/OFF SYSTEM
<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 at Haleakala Avenue (Route 8743)	CON CON CON				3,000	2,400	600													STP FLEXIBLE HSP 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 at Nanakuli Avenue (Route 8744)	CON CON				5,500	4,950	550													HSP STP FLEXIBLE
<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 Vicinity of Leihoku Street to Killi Drive	CON	1,960	1,764	196																HSP
<i>Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.</i>																				
OS7. Fort Barrette Road (Route 901) Widening, Farrington Highway (Route 9107) to Barber's Point Gate	CON																23,800	19,040	4,760	STP FLEXIBLE
<i>Estimated Total Project Cost - \$25,300,000 -- Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.</i>																				
OS8. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1 Part 2	CON CON CON	7,000	5,600	1,400							3,500	2,800	700							NHS
<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, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 1 Part 2	DES CON CON				1,900	1,520	380							5,000	4,000	1,000				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>																				

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS			
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OS10. Freeway Management System, <b>Congest</b> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES							1,900	1,520	380											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, <b>Congest</b> 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, <b>Congest</b> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES	4,000	3,200	800																	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 <b>Congest</b>	CON	2,000	1,800	200	2,000	1,800	200	4,000	3,600	400				2,000	1,800	200	2,000	1,800	200		NHS		
<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 &amp; other incidents, assisting sick or injured motorists with basic first aid, &amp; notifying 911 of incidents.</i>																							
OS14. Guardrail and Shoulder Improvements, Various Locations <b>Safety</b> Phase 1 - Various locations on Interstate Route H-1	CON							2,100	1,890	210											HSIP		
	DES													250	200	50					INTERSTATE MAINTENANCE		
	CON																3,000	2,400	600				
	DES																250	200	50				
<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>																							
OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign <b>SysPres</b> Upgrade/Replacement, Phase I	CON				2,808	2,246	562														NHS		
	CON																2,704	2,434	270				
<i>Estimated Total Project Cost - \$6,200,000 -- 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, <b>SysPres</b> Kapalama Canal, (Halona 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 <b>Modern</b>	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>																							
OS17. Interstate Route H-1, Eastbound Improvements, <b>Modern</b> Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	ROW							10,800	8,640	2,160											NHS		
	DES/CON							101,000	26,800	74,200													
	ADVCON										0	20,000	(20,000)	0	34,000	(34,000)							
<i>Estimated Total Project Cost - \$111,800,000 -- Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.</i>																							
OS18. Interstate Route H-1, Eastbound Improvements, <b>Modern</b> Ward Avenue (Route 7511) On-Ramp to University Interchange	DES										920	828	92								INTERSTATE MAINTENANCE		
<i>Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.</i>																							
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, <b>Safety</b> 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, <b>Safety</b> 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>																							
OS21. Interstate Route H-1, Highway Lighting Improvements, <b>SysPres</b> Kaimakani OP to Gulick Avenue Phase 1	CON										6,860	5,488	1,372								INTERSTATE MAINTENANCE		
<i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</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)			
OS22. Interstate Route H-1, Kapolei Interchange Complex <b>Modern</b> Phase 2	CON							4,800	4,300	500										INTERSTATE MAINT. DISCR NHS NHS		
	CON							26,700	17,030	9,670												
	ADVCON												0	7,000	(7,000)							
	Phase 3	DES												560	448	112						NHS
		ROW												224	179	45						NHS
	Phase 4	DES												540	432	108						NHS
ROW													216	172	44					NHS		
<i>Estimated Total Project Cost - \$60,000,000 -- Phase 2 and Phase 3 will complete the construction of the Waikele Street Separation and its associated ramps. Phase 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalalai and Makakilo Interchanges.</i>																						
OS83. Interstate Route H-1, Installation of Access Control <b>SysPres</b> Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON	2,500	2,250	250																STP FLEXIBLE		
<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>																						
OS23. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp <b>Congest</b>	DES/CON													5,850	5,265	585				INTERSTATE MAINTENANCE		
<i>Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.</i>																						
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct <b>SysPres</b> Improvements, Phase 2	CON																43,250	38,925	4,325	INTERSTATE MAINTENANCE		
<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>																						
OS25. Interstate Route H-1, PM Contraflow, Westbound <b>Modern</b> Waiawa IC Improvements (four WB through lanes), Phase 1	CON													16,850	13,480	3,370				INTERSTATE MAINTENANCE		
<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>																						
OS27. Interstate Route H-1, Waiawa Interchange, <b>Modern</b> Westbound, Waipahu Off-Ramp Improvements	DES																3,432	2,745	687	NHS		
<i>Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																						
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of <b>Safety</b> Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES	150	135	15																HSIP		
	CON							1,600	1,440	160												
<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>																						
OS29. Interstate Route H-3, Seismic Retrofit, <b>SysPres</b> Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM		
<i>Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic 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)		
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									250	200	50								EARMARK-HIGH PRIORITY	
	CON									2,400	1,920	480								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									13,520	10,816	2,704								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 Laieloa 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				182	146	36														BRIDGE ON/OFF SYSTEM
	CON									8,600	6,880	1,720									
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							100	80	20											BRIDGE ON/OFF SYSTEM
	ROW												270	216	54						
OS41. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Waipilopilo Stream Bridge <i>Estimated Total Project Cost - \$10,000,000 -- Rehabilitate the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>	PREROW	200	160	40																	BRIDGE ON/OFF SYSTEM
	ROW							260	208	52											

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS43. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kaluanui Stream Bridge  <i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>	PREROW							52	42	10										BRIDGE ON/OFF SYSTEM
	ROW										600	480	120							
	CON																			
OS45. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kawela Stream Bridge  <i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>	PREROW																			BRIDGE ON/OFF SYSTEM
	ROW																			
	CON																			
OS48. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> South Kahana Stream Bridge  <i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							946	757	189										
	CON																			
OS49. Kamehameha Highway (Route 99), Bridge Replacement <b>SysPres</b> 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							100	80	20										BRIDGE ON/OFF SYSTEM
	ROW										1,125	865	260							EARMARK-HIGH PRIORITY
	CON																			BRIDGE ON/OFF SYSTEM
OS50. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Waiahole Bridge  <i>Estimated Total Project Cost - \$11,500,000 - replace the existing bridge</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							520	416	104										
	CON										10,816	653	10,163							
	ADVCON													0	8,000	(8,000)				
OS51. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Waikane Stream Bridge  <i>Estimated Total Project Cost - \$4,300,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
	CON																			
OS56. Kamehameha Highway (Route 83), Rockfall Protection <b>Safety</b> 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							450	360	90										
	CON										9,500	7,600	1,900							
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana <b>Safety</b> 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							1,528	1,375	153										HSIP
	DES	200	180	20																
	CON										1,000	900	100							HSIP
OS62. Kamehameha Highway (Route 83), Safety Improvements <b>Safety</b> Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road  <i>Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON							1,702	1,533	169										HSIP
	DES	700	560	140																
	CON																			
OS63. Kamehameha Highway (Route 83), Shoreline Protection <b>Safety</b> 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																			
	CON										6,750	5,400	1,350							NHS
OS65. Kamehameha Highway (Route 83) Shoreline Protection, <b>Safety</b> 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																			NHS
	DES	700	560	140																
	CON										6,240	4,992	1,248							NHS
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, <b>Enhance</b> 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
	DES	700	560	140																
	CON							8,500	6,800	1,700										STP ENHANCEMENT
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to <b>Enhance</b> 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 Bikeway and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.</i>	CON																			STP ENHANCEMENT
	DES	700	560	140																

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS70. Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualalei Naval Road <b>Enhance</b>	DES	2,500	2,000	500				100	80	20										STP ENHANCEMENT
	PREROW																			
	ROW												2,750	2,200	550					
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																				
OS71. Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements <b>Safety</b>	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 <b>SysPres</b>	CON										5,840	4,672	1,168							NHS
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
OS73. Moanalua Freeway (Route H-201), Highway Lighting Improvements <b>SysPres</b>	CON										2,340	1,872	468							NHS
<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
OS74. Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A" <b>SysPres</b>	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 <b>SysPres</b>	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS89. Nimitz Highway (Rte 92) and Honolulu Harbor Pier 19 Intersection Improvements <b>Congest</b>	DES				529	476	53													FERRY BOAT DISCRETIONARY
<i>Estimated Total Project Cost - \$700,000 -- Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19.</i>																				
OS79. Recreational Trails Program - Oahu <b>Enhance</b>	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS81. Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center <b>Modern</b>	DES				50	0	50													LOCAL
	CON				12,000	0	12,000													LOCAL
<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>																				
<b>OAHU : STATE - FHWA TOTAL</b>		<b>50,344</b>	<b>41,066</b>	<b>9,278</b>	<b>84,878</b>	<b>42,955</b>	<b>41,923</b>	<b>199,177</b>	<b>73,446</b>	<b>125,731</b>	<b>104,501</b>	<b>73,638</b>	<b>30,863</b>	<b>131,974</b>	<b>119,243</b>	<b>12,731</b>	<b>178,270</b>	<b>118,291</b>	<b>59,979</b>	

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

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																				
OC1. Alapai Transit Center Multi-Use Path <i>Transit</i>	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. Alapai Transportation Management Center <i>Safety</i>																				
Architectural/Engineering Consultant	DES				1,000	0	1,000													LOCAL
Architectural/Engineering Consultant	DES	4,500	4,400	100																STP FLEXIBLE
Management Center Building	CON							17,000	8,320	8,680	17,000	7,156	9,844	17,000	13,600	3,400				STP FLEXIBLE
Parking Structure	CON	13,375	0	13,375	4,000	0	4,000													LOCAL
System Manager	DES							1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	LOCAL
<i>Estimated Total Project Cost - \$84,346,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies. This will enhance agency cooperation and coordination during emergency responses.</i>																				
OC3. Bicycle Projects <i>Enhance</i>																				
Kalaheo Avenue	ROW	1	0	1																LOCAL
	PLN	1	0	1																LOCAL
	DES	0	0	0																STP FLEXIBLE
	CON	2106	1556	550																STP FLEXIBLE
Kealaolu Ave Shoulder Improvements																				
	DES				1	0	1													STP FLEXIBLE
	CON				500	400	100													STP FLEXIBLE
	CON				500	400	100													STP FLEXIBLE
Thomas Square/Civic Center Bike Path Improvements <i>Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex</i>																				
Pearl City Bike Lane Improvements	ROW							1	0	1										LOCAL
	PLN							1	0	1										LOCAL
	DES	58	0	58				0	0	0										STP FLEXIBLE
	CON							300	240	60										STP FLEXIBLE
Hamakua Drive Bike Improvements	DES	90	0	90																STP FLEXIBLE
	CON							400	320	80										STP FLEXIBLE
Mokuola St/Awalau St. Bike Improvements	DES							200	160	40										STP FLEXIBLE
	CON										600	480	120							STP FLEXIBLE
18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements	ROW										1	0	1							LOCAL
	PLN										1	0	1							LOCAL
	DES										400	320	80							STP FLEXIBLE
	CON													1600	1280	320				STP FLEXIBLE
Haleiwa/Waiialua Bike Improvements	ROW													1	0	1	1	0	1	LOCAL
	PLN													1	0	1	1	0	1	LOCAL
	DES													400	320	80	0	0	0	STP FLEXIBLE
	CON																1400	1120	280	STP FLEXIBLE
<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. Bridge Inspection and Appraisal <i>SysPres</i>	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>																				
OC5. Computerized Traffic Control System <i>Congest</i>																				
Phase 13: Mililani Mauka Area	EQP	1	0	1																LOCAL
	CON				3,307	2,527	780													STP FLEXIBLE
Phase 14: Mililani Town - Part 1	EQP				1	0	1													LOCAL
	CON				3,220	3,220	0													STP FLEXIBLE
Phase 15: Mililani Town & Expand Fiber to Wahiawa - Part 2	EQP							1	0	1										STP FLEXIBLE
	DES	250	200	50																STP FLEXIBLE
	CON							3,180	2,400	780										STP FLEXIBLE
Phase 16: Wahiawa Town Area	EQP										1	0	1							LOCAL
	DES				375	300	75													STP FLEXIBLE
Phase 17: Makakilo Area & Extend fiber towards Nanakuli	EQP													1	0	1				LOCAL
	DES							375	300	75										STP FLEXIBLE
	CON													4,050	3,220	830				STP FLEXIBLE
Phase 18: Undetermined at this time	EQP																1	0	1	LOCAL
	DES										380	304	76							STP FLEXIBLE
	CON																4,050	3,220	830	STP FLEXIBLE
<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>																				

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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)	
OC6. Kapolei Parkway (Route 8920) <b>Congest</b> Urban Core 4: Kunehi Street to Kamaaha Ave Urban Core 5: Kamaaha Ave to Kamokila Blvd Urban Core 4A: Kamaaha Intersection	DES	1	0	1															LOCAL	
	CON	5,200	0	5,200															STP FLEXIBLE	
	CON	3,388	0	3,388															LOCAL	
	CON	7,813	7,813	0															STP FLEXIBLE	
	CON				773	0	773												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 <b>Modern</b> Phase 1 Phase 2	CON									22,550	0	22,550							LOCAL	
	CON																47,410	37,928	9,482	STP FLEXIBLE
<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 <b>Modern</b> Maluna Street to Ala Liliko'i Street	CON									22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko'i Street.</i>																				
OC9. Seismic Bridge Retrofit <b>SysPres</b>	DES															600	480	120	BRIDGE OFF-SYSTEM	
	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 <b>Congest</b>	PLN				10	0	10												LOCAL	
	DES				10	0	10												LOCAL	
	CON				4,580	3,600	980												STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,600,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.</i>																				
OC10. Traffic Improvements at Various Locations <b>Safety</b> Palolo Traffic Calming Waiakamilo and Dillingham Intersection Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals. TBD TBD TBD TBD	ROW							50	0	50									LOCAL	
	PLN							50	0	50									LOCAL	
	DES	300	0	300															LOCAL	
	CON							1,930	960	970									STP FLEXIBLE	
	DES				1	0	1												LOCAL	
	CON				1,821	1,457	364												STP FLEXIBLE	
	ROW									50	0	50							LOCAL	
	PLN									50	0	50							LOCAL	
	DES							400	0	400									LOCAL	
	CON									1,930	960	970							STP FLEXIBLE	
ROW												50	0	50				LOCAL		
PLN												50	0	50				LOCAL		
DES												400	0	400				LOCAL		
CON												1,930	960	970				STP FLEXIBLE		
ROW													50	0	50			LOCAL		
PLN													50	0	50			LOCAL		
DES												400	0	400				LOCAL		
CON															1,930	960	970	STP FLEXIBLE		
DES													400	0	400			LOCAL		
<i>Estimated Total Project Cost - \$11,842,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.</i>																				
OC26. Traffic Signal Optimization <b>Congest</b> Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liiha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waiatae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo	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																				
<b>Congest</b> Phase 13 - University area, Harding Ave/4th Ave, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St	CON				3,270	2,625	645												STP FLEXIBLE	
	EQP	1	0	1															LOCAL	
<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 - Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aaloa Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	PLN	1	0	1															LOCAL	
	DES	350	280	70															STP FLEXIBLE	
	CON				3,917	3,220	697												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 - Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihau St, Makaloa St/Sheridan St, and Kinau St/Victoria St	PLN				1	0	1												LOCAL	
	DES				330	280	50												STP FLEXIBLE	
	CON							3,846	3,220	626									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/Kawaihau St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal).</i>																				
Phase 16	PLN							1	0	1									LOCAL	
	DES							350	280	70									STP FLEXIBLE	
	CON										3,126	2,500	626						STP FLEXIBLE	
	EQP										1	0	1						LOCAL	
Phase 17	PLN										1	0	1						LOCAL	
	DES							350	280	70									STP FLEXIBLE	
	CON													3,846	3,220	626			STP FLEXIBLE	
	EQP													1	0	1			LOCAL	
Phase 18	PLN													1	0	1			LOCAL	
	DES													350	280	70			STP FLEXIBLE	
	CON																3,846	3,220	626	
	EQP																1	0	1	
Phase 19	PLN																1	0	1	
	DES																350	280	70	
<i>Estimated Total Project Cost - \$23,943,000 -- Install, modify &amp; upgrade traffic signals island wide, including ADA improvements, signs &amp; markings &amp; interties. The project provides for the safe &amp; orderly movements of pedestrians &amp; vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility &amp; coordination.</i>																				
OC12. Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30															LOCAL	
	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>																				
<b>OAHU : C&amp;C OF HONOLULU - FHWA TOTAL</b>		<b>39,056</b>	<b>15,329</b>	<b>23,727</b>	<b>33,302</b>	<b>23,089</b>	<b>10,213</b>	<b>30,086</b>	<b>17,000</b>	<b>13,086</b>	<b>72,341</b>	<b>14,000</b>	<b>58,341</b>	<b>58,373</b>	<b>41,280</b>	<b>17,093</b>	<b>85,140</b>	<b>65,608</b>	<b>19,532</b>	

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<b>CITY &amp; COUNTY OF HONOLULU - FTA</b>																					
OC13. Agency Provided Trips																					
Human	OPR																				
	OPR	230	115	115	380	190	190	383	191	192	202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb	
	OPR										408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb	
<i>Estimated Total Project Cost - \$2,913,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.</i>																					
OC14. Bus and Handi-Van Acquisition Program																					
Transit	EQP	0	0	0	0	0	0	22,168	3,000	19,168										FTA \$5307/\$5340	
	EQP				9,984	7,987	1,997														FTA \$5307/\$5340 (2011)
	EQP							16,752	12,564	4,188											FTA \$5307/\$5340 (2012)
	EQP	5,713	4,998	715																	FTA \$5307/\$5340 TIGGER II
	EQP				14,040	12,000	2,040														FTA \$5309 SOGR
	EQP	2,436	1,949	487	2,500	2,000	500	2,668	2,122	546	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	FTA \$5309 FGM	
	EQP										16,207	0	16,207	16,490	0	16,490	17,016	0	17,016	LOCAL	
	INSP	20	18	2	50	45	5														FTA \$5307/\$5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	127	0	127	LOCAL	
<i>Estimated Total Project Cost - \$135,631,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.</i>																					
<i>FFY 2011: 35&lt;30' vehicles + 13&lt;40' buses + 8&lt;45' buses</i>																					
<i>FFY 2012: 30 35&lt;30' vehicles + 65 13&lt;40' buses</i>																					
<i>FFY 2013: 26 55&lt;30' vehicles + 47 112&lt;40' buses</i>																					
<i>FFY 2014: 25&lt;30' vehicles + 1&lt;30' bus + 26&lt;40' buses + 1&gt;40' buses.</i>																					
<i>FFY 2015: 30&lt;30' vehicles + 15&lt;40' buses + 11&lt;45' buses</i>																					
<i>FFY 2016: 30&lt;30' vehicles + 9&lt;30' buses + 14&lt;40' buses + 5&lt;45' buses</i>																					
OC15. Honolulu High Capacity Transit Corridor Project																					
Transit (HHCTCP)	HHCTCP	485,000	80,000	405,000	626,970	200,000	426,970	993,800	250,000	743,800	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS	
	HHCTCP							123,200	31,000	92,200	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340	
	HHCTCP				94,030	0	94,030														
<i>Estimated Total Project Cost - \$5,163,495,000 -- Design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																					
<i>a. Total estimated HHCTCP cost (YOES\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,076; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560</i>																					
<i>b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.</i>																					
<i>c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOES\$000).</i>																					
<i>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.</i>																					
OC16. Local Shuttle Service																					
Human	EQP							65	52	13										FTA \$5316 JARC Urb	
	OPR				190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb	
<i>Estimated Total Project Cost - \$991,000 -- To maintain and expand shuttle services provided at Kalaheo homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.</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)					
OC17. Middle Street Intermodal Center <b>Transit</b>	PLN																		1	0	1	LOCAL		
	DES	300	0	300										2,500	0	2,500	200	0	200			200	LOCAL	
	CON													1,810	1,327	483	29,322	23,458	5,864			5,864	FTA \$5309 BC	
	EQP																1	0	1			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 <b>Human</b>	OPR	496	397	99	318	254	64	318	254	64	274	219	55	289	231	58	245	196	49		49	FTA \$5316 JARC Urb		
	OPR	100	80	20	54	43	11	54	43	11							62	49	13		13	FTA \$5317 NF-Urb		
	EQP										12	10	2	13	10	3	14	11	3		3	FTA \$5316 JARC-Urb		
	<i>Estimated Total Project Cost - \$2,249,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.</i>																							
OC19. Preventive Maintenance <b>Transit</b>	OPR	0	0	0	43,080	21,000	22,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397			50,397	FTA \$5307/\$5340	
	OPR				45,584	27,161	18,423																FTA \$5307/\$5340 (2011)	
	<i>Estimated Total Project Cost - \$278,918,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																							
OC24. Special Needs Transportation <b>Human</b>	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 trail seniors 60 years and over to include late afternoon, evening hours and weekend service.</i>																							
OC21. Transit Safety and Security Projects <b>Transit</b>	PLN	1	0	1	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	1	0	1	LOCAL	
	CON																						1	LOCAL
	EQP	0	0	0	0	0	0	413	330	83	413	330	83	413	330	83	413	330	83			83	FTA \$5307/\$5340	
	EQP				455	365	90																	FTA \$5307/\$5340 (2011)
	EQP							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 <b>Transit</b>	PLN							200	0	200	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	ROW							1	0	1	1,000	0	1,000	1	0	1	1	0	1	1	0	1	LOCAL	
	DES							1	0	1	50	0	50	8,000	0	8,000	1	0	1	1	0	1	LOCAL	
	CON																						1	LOCAL
	RELOC																1	0	1	21,500	17,200	4,300	FTA \$5309 BC	
	EQP										1,000	0	1,000				1	0	1	1	0	1	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>																								
OC23. Windward Transit Center <b>Transit</b>	PLN							1	0	1	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	1	0	1	LOCAL	
	DES							175	0	175	200	0	200	200	0	200	200	0	200				LOCAL	
	CON										3,000	0	3,000										LOCAL	
	INSP							1	0	1	150	0	150	1	0	1	1	0	1				LOCAL	
	EQP										1	0	1	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>																							
<b>OAHU : C&amp;C OF HONOLULU - FTA TOTAL</b>		<b>494,547</b>	<b>87,630</b>	<b>406,917</b>	<b>837,748</b>	<b>271,140</b>	<b>566,608</b>	<b>1,206,084</b>	<b>300,024</b>	<b>906,060</b>	<b>1,071,598</b>	<b>284,146</b>	<b>787,452</b>	<b>829,125</b>	<b>236,520</b>	<b>592,605</b>	<b>569,253</b>	<b>276,900</b>	<b>292,353</b>					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FUNDING CATEGORY SUMMARY - OAHU</b>																				
IM (Interstate Maintenance)			0		1,520		1,520		10,316					33,865				49,525		
NHS (National Highway System)			11,720		6,086		59,230		50,480					54,423				6,979		
BRIDGE OFF-SYSTEM			720		720		800		2,000					800				1,280		
BRIDGE ON/OFF SYSTEM			3,930		13,186		1,791		8,670					20,980				42,460		
STP ENHANCEMENT			2,000		6,800		80		1,920					2,200				0		
STP FLEXIBLE			35,659		27,169		16,200		12,000					47,968				83,368		
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0					0				0		
EQUITY BONUS			0		0		0		0					0				0		
DEFENSE ACCESS ROAD FUNDS			0		0		0		0					0				0		
PUBLIC LANDS DISCRETIONARY			0		0		0		0					0				0		
NATIONAL RECREATIONAL TRAILS			287		287		287		287					287				287		
EARMARK - HIGH PRIORITY			0		800		0		1,065					0				0		
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0					0				0		
EARMARK - SECTION 112			0		0		0		0					0				0		
EARMARK - SECTION 115			0		0		0		0					0				0		
EARMARK - SECTION 117			0		0		0		0					0				0		
FLHD - Federal Lands Highway Discretionary			0		0		0		0					0				0		
SECTION 1404 - (Safe Routes to School)			0		0		0		0					0				0		
HSIP- Highway Safety Improvement Program			2,079		9,000		6,238		900					0				0		
NRCS - National Resources Conservation Service			0		0		0		0					0				0		
			0		0		0		0					0				0		
H-3 DISCRETIONARY			0		0		0		0					0				0		
FTA TRANSFER FUNDS			0		0		0		0					0				0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		4,300		0					0				0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0		476		0		0					0				0		
	SUBTOTAL		56,395		66,044		90,446		87,638					160,523				183,899		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		(1,276)		(4,300)		(1,065)					0				0		
LESS FTA TRANSFER FUNDS			0		0		0		0					0				0		
			0		0		0		0					0				0		
REGULAR FORMULA AUTHORITY	TOTAL		56,395		64,768		86,146		86,573					160,523				183,899		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>HAWAII: STATE - FHWA</b>																				
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch <b>Modern</b>	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>																				
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road <b>Enhance</b>	DES												260	208	52					STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.</i>																				
HS42. Bridge and Pavement Improvement Program, Hawaii <b>SysPres</b>	CON				9,500	0	9,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
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 Waiaka Jnc. Toward Hawi MP 2.54 to 6.44	CON	3,200	2,560	640																
Route 190 Resurfacing Makalei to Palani Jnc., MP 27.63 to 35.3	CON	5,100	4,080	1,020																
Volcano Road (Route11) PPM Inbound Lanes of Keaau Bypass to Panaewa Bridge	CON	3,600	2,880	720																
<i>Estimated Total Project Cost - \$92,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) unding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm">http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm</a>. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
HS3. Crater Rim Road (NPS) <b>SysPres</b>	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 <b>Safety</b>	DES												1,000	800	200					STP FLEXIBLE
<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 <b>SysPres</b>	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, Pahoehoe Stream Bridge <b>SysPres</b>	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
	PREROW				200	160	40													
	ROW									1,090	872	218								
<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 <b>Safety</b>	CON							4,325	3,460	865										BRIDGE ON/OFF SYSTEM
<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 <b>Safety</b>	CON							1,638	1,310	328										NHS
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																				
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <b>Safety</b>	CON										1,456	1,165	291							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 Kaumoali Bridge <b>Safety</b>	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 Kaumoali Bridge.</i>																				
HS11. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge <b>Safety</b>	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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Safety Waipunahina Bridge to East Paaulo Bridge	DES				112	90	22													NHS
	CON													1,660	1,328	332				
	<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																			
HS13. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Safety Phase I (Laupahoehoe Gulch)	CON							35,000	7,000	28,000										NHS
	ADVCON										0	5,000	(5,000)	0	16,000	(16,000)				
<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, Safety Phase II (Maulua Gulch)	DES				600	480	120													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 Safety Vic. of Laupahoehoe Gulch to Kaawaili Gulch	CON				2,000	1,800	200													HSIP
	CON				7,000	5,600	1,400													STP FLEXIBLE
<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 SysPres	DES				1,000	800	200													STP FLEXIBLE
	ROW				115	92	23													
	CON													3,500	2,800	700				
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																				
HS18. Kawaihae Road Bypass, Modern Waimea to Kawaihae, Phase 1 (First 5 miles)	DES							3,250	2,600	650										NHS
	PREROW							100	80	20										
<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), Waiaka Stream Bridge Replacement and Realignment of Approaches SysPres	DES				1,144	915	229													BRIDGE ON/OFF SYSTEM
	PREROW				50	40	10													
	ROW										2,080	1,664	416							
	CON													10,400	8,320	2,080				
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka 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, Modern Keaau to Pahoa	DES				3,000	2,400	600													STP FLEXIBLE
	PREROW							100	80	20										
	ROW										1,800	1,440	360							
<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 Safety Old Government Road	CON				2,000	1,800	200													HSIP
	<i>Estimated Total Project Cost - \$2,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.</i>																			
HS22. Keaau-Pahoa Road (Route 130), Intersection Improvements at Safety Paradise Drive, Orchardland Drive, and Ainaloa Blvd	CON	2,500	2,250	250																HSIP
	<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																			
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Modern Phase 1: Keaau Bypass to Shower Drive	CON				21,500	17,200	4,300													STP FLEXIBLE
	CON				1,820	1,456	364													HSIP
	CON										2,100	1,680	420							STP FLEXIBLE
<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>																				
HS24. Kealakehe Parkway Extension (Route 197), Modern Keanalahu Drive to Kealakehe Street	DES										790	632	158							STP FLEXIBLE
	PREROW										50	40	10							
	ROW													1,080	864	216				
<i>Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>																				
HS25. Kuakini Highway (Route 11) Bicycle Improvements, Enhance King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104							STP FLEXIBLE
	<i>Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.</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>																			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement <b>SysPres</b>	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 <b>Safety</b>	CON							5,841	4,673	1,168									STP FLEXIBLE	
<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																				
HS31. National Recreational Trails Program - Hawaii (DLNR) <b>Enhance</b>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																				
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - Komohana St (Rte 1940) to Kawaiii (Rte 2770) <b>Modern</b>	PREROW							50	40	10									STP FLEXIBLE	
	ROW										1,000	800	200						EARMARK-HIGH PRIORITY (HI025)	
	ROW										5,100	4,080	1,020						STP FLEXIBLE	
<i>Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																				
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase II - Kawaiii (Rte 2770) to Kanoelehua Ave (Rte 11) <b>Modern</b>	DES										1,600	1,280	320						STP FLEXIBLE	
	PREROW													50	40	10				
<i>Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																				
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) <b>Congest</b>	ROW				162	146	16												HSIP	
	CON							1,144	1,030	114										
<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																				
HS35. Queen Kaahumanu Highway (Route 19) Widening Keahole Airport to Kawaihae Harbor <b>Modern</b>	PLN																4,870	3,896	974	NHS
<i>Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.</i>																				
HS36. Saddle Road Extension <b>Modern</b>	DES										9,000	7,200	1,800						STP FLEXIBLE	
<i>Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																				
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS <b>Modern</b>	CON				13,500	13,500	0												TIGER 3 FUNDS	
	ROW	4,000	4,000	0															EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON							50,000	50,000	0										
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1	ROW	200	200	0															EARMARK - HIGH PRIORITY/STP FLEXIBLE	
	CON				20,000	20,000	0													
Phase 2	CON							20,000	20,000	0										
Phase 3	CON										20,000	20,000	0							
Phase 4	CON													15,000	15,000	0				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																				
<b>HAWAII : STATE - FHWA TOTAL</b>		<b>25,888</b>	<b>21,800</b>	<b>4,088</b>	<b>128,937</b>	<b>104,166</b>	<b>24,771</b>	<b>138,322</b>	<b>90,572</b>	<b>47,750</b>	<b>64,720</b>	<b>47,576</b>	<b>17,144</b>	<b>56,944</b>	<b>51,355</b>	<b>5,589</b>	<b>27,344</b>	<b>7,555</b>	<b>19,789</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF HAWAII - FHWA</b>																				
HC1. Alii Drive (Route 186) Culvert Replacement <i>SysPres</i>	CON							10,400	8,320	2,080										STP FLEXIBLE
<i>Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.</i>																				
HC2. Alii Drive (Route 186) Road Improvements Along Oneo Bay, <i>Enhance</i> From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	DES				52	42	10													STP ENHANCEMENT
	ROW				500	400	100													
	CON												5,600	4,480	1,120					
Phase 2	DES							50	40	10										STP FLEXIBLE
	CON																			
<i>Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.</i>																				
HC3. Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1 <i>Modern</i>	PLN				520	416	104													STP FLEXIBLE
	DES				520	416	104													
	CON				2,080	1,664	416													
<i>Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph I, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.</i>																				
HC5. Bridge Inspection and Appraisal <i>SysPres</i>	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>																				
HC6. Kaahakini Bridge Rehabilitation <i>SysPres</i>	CON							2,163	1,730	433										BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.</i>																				
HC7. Kaiminani (Route 198) Roadway Improvements <i>SysPres</i> Mamalaha Highway (Route 190) to Vicinity of Ahiahi Street	DES	10	8	2																STP FLEXIBLE
	CON	8,500	6,800	1,700																
<i>Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements</i>																				
HC8. Kamehameha Avenue (Route 1910) Resurfacing, <i>SysPres</i> Wailoa Bridge to Ponahawai Street	CON										16,000	6,800	9,200							STP FLEXIBLE
	ADVCON													0	6,000	(6,000)				
<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)/Pohakalani/Ainaola (Rte 2750) & <i>Congest</i> Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2	DES																			STP FLEXIBLE
	CON												17,470	13,976	3,494					
<i>Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiiani/Iwalani and Kawaiiani/Pohakalani 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, <i>Modern</i> Hualalai Road (Route 1880) to Alii Highway	CON										7,280	5,824	1,456							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>																				
HC11. Mamalahoa Highway (Route 19) Widening <i>Modern</i> (Mudlane to North Hawaii Community Hospital)	PLN				10	8	2													STP FLEXIBLE
	DES				10	8	2													
	ROW												1,080	864	216					
<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>																				
HC15. Manono Street (Route 2770) Roadway Improvements <i>SysPres</i> Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																STP FLEXIBLE
	ROW				520	416	104													
<i>Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins &amp; other related improvements</i>																				
HC12. Reed's Island Bridge Rehabilitation <i>SysPres</i>	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>																				
<b>HAWAII : COUNTY OF HAWAII - FHWA TOTAL</b>		<b>13,660</b>	<b>10,928</b>	<b>2,732</b>	<b>4,312</b>	<b>3,450</b>	<b>862</b>	<b>12,713</b>	<b>10,170</b>	<b>2,543</b>	<b>23,380</b>	<b>12,704</b>	<b>10,676</b>	<b>24,250</b>	<b>25,400</b>	<b>(1,150)</b>	<b>5,500</b>	<b>4,400</b>	<b>1,100</b>	

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<b>COUNTY OF HAWAII - FTA</b>																				
HC13. Bus and Bus Facility <b>Transit</b>	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgrm)
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. Rural Transportation Program <b>Transit</b>	EQP/OPR	844	675	169	1,160	600	560	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																				
HC16. State of Good Repair <b>Transit</b>	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
	EQP/OPR				2,750	2,200	550													
<i>Estimated Total Project Cost - \$7,750,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																				
<b>HAWAII : COUNTY OF HAWAII - FTA TOTAL</b>		<b>1,663</b>	<b>1,330</b>	<b>333</b>	<b>8,910</b>	<b>6,800</b>	<b>2,110</b>	<b>894</b>	<b>715</b>	<b>179</b>	<b>919</b>	<b>735</b>	<b>184</b>	<b>944</b>	<b>755</b>	<b>189</b>	<b>969</b>	<b>775</b>	<b>194</b>	

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<b>FUNDING CATEGORY SUMMARY - HAWAII</b>																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			1,211		570		10,990		6,165		17,328		5,096							
BRIDGE OFF-SYSTEM			4,080		80		1,810		80		80		80						80	
BRIDGE ON/OFF SYSTEM			320		31,003		3,460		1,664		8,968		0						0	
STP ENHANCEMENT			0		442		40		0		4,480		4,320						0	
STP FLEXIBLE			24,568		28,928		13,113		30,400		27,800		2,160						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		20,800		15,000		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		3,746		1,030		0		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	
H-3 DISCRETIONARY			0		0		0		0		0		0						0	
FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		0		0		0		0						0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0						0	
			32,728		106,068		100,742		59,408		73,955		11,955							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		(41,000)		(70,000)		(20,800)		(15,000)		0						0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
			0		(13,500)		0		0		0		0						0	
REGULAR FORMULA AUTHORITY			32,728		65,068		30,742		38,608		58,955		11,955							

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<b>MAUI : STATE - FHWA</b>																				
MS36. Bridge and Pavement Improvement Program, Maui <b>SysPres</b>	CON				12,000	0	12,000	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
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																
<i>Estimated Total Project Cost - \$112,460,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</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: <a href="http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm">http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm</a>. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
MS1. Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1	CON							1,400	1,120	280										STP FLEXIBLE
Part 2	CON												1,000	800	200					
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas <b>Enhance</b>	CON	312	250	62																STP ENHANCEMENT
<i>Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.</i>																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification <b>Enhance</b> Dairy Road (Route 380) to Nanihoa Overpass	CON										1,500	1,200	300							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. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road <b>Modern</b>	ROW				110	88	22													NHS
	CON																6,760	5,408	1,352	
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, <b>SysPres</b> Honolua Bridge	ROW							808	647	161										BRIDGE ON/OFF SYSTEM
	CON																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. Honoapiilani Highway (Route 30) Realignment, Phase 1B2, <b>Modern</b> Hokiokio Place to Relocated Southern Terminus	DES										2,000	1,600	400							NHS
<i>Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.</i>																				
MS30. Honoapiilani Highway (Route 30), Safety Improvements <b>Safety</b> at Kaanapali Parkway and Halelo Street	CON				218	196	22													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>																				
MS8. Honoapiilani Highway (Route 30) Safety Improvements, <b>Safety</b> Vicinity of Kapoli Street to Papalaua Beach Park	CON							3,050	2,745	305										HSIP
<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, <b>SysPres</b> Vicinity of Olowalu	CON				3,000	2,400	600													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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MS34. Honoapiilani Highway (Route 30), Shoreline Protection at Launiupoko <i>SysPres</i>	CON				3,000	2,400	600												NHS	
<i>Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders</i>																				
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to north of Kaanapali Connector <i>Modern</i>	DES	500	400	100															NHS	
	PREROW							50	40	10										
<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) <i>Modern</i>	ROW																		EARMARK - HIGH PRIORITY (HI028)	
	CON				25,000	11,000	14,000												NHS	
	ADVCON							0	9,000	(9,000)										
<i>Estimated Total Project Cost - \$33,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.</i>																				
MS32. Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420) <i>Safety</i>	CON							563	507	56									HSP	
<i>Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.</i>																				
MS12. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay (#1) <i>SysPres</i>	CON							1,900	1,520	380									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) <i>Enhance</i>	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, Vicinity of Kealia Pond (#6) <i>SysPres</i>	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, Vicinity of Spreckelsville to Vicinity of Hookipa Park) <i>Modern</i>	DES							3,245	2,596	649									STP FLEXIBLE	
	PREROW										100	80	20							
<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 at Ohukai Road <i>Modern</i>	CON				1,456	1,165	291												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) to Kuihelani Highway (Route 380) <i>Modern</i>	PREROW							32	25	7									STP FLEXIBLE	
	ROW										150	120	30						STP FLEXIBLE	
	CON													6,300	5,040	1,260			STP FLEXIBLE	
	CON													600	480	120			HSP	
<i>Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue. Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii</i>																				
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation Iao Stream Bridge <i>SysPres</i>	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>																				

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<b>MOLOKAI</b>																				
MS20. Guardrail and Shoulder Improvements Program at Various Locations, Molokai																				STP FLEXIBLE
Part 1	CON	750	600	150																
Part 2	CON							750	600	150										
Part 3	CON												750	600	150					
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS22. Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON												4,293	3,435	858					BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$5,000,000 -- Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94. Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.</i>																				
MS23. Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	CON												1,400	1,120	280					STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.</i>																				
<b>MAUI : STATE - FHWA TOTAL</b>		<b>20,471</b>	<b>16,377</b>	<b>4,094</b>	<b>51,993</b>	<b>23,016</b>	<b>28,977</b>	<b>32,747</b>	<b>19,159</b>	<b>13,588</b>	<b>24,699</b>	<b>3,359</b>	<b>21,340</b>	<b>40,992</b>	<b>16,394</b>	<b>24,598</b>	<b>33,109</b>	<b>10,087</b>	<b>23,022</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>MAUI : STATE - FTA</b>																				
MS24. Lahaina Small Boat Harbor and Ferry Pier <b>Transit</b>	DES				1,438	1,150	288													FTA SECTION 5309
	CON				10,438	8,350	2,088													
<i>Estimated Total Project Cost - \$12,000,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.</i>																				
MS25. Improvements at Maalaea Small Boat Harbor, <b>Transit</b> Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
<i>Estimated Total Project Cost - \$12,000,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.</i>																				
<b>MOLOKAI</b>																				
MS27. Kaunakakai Harbor Ferry System Improvements <b>Transit</b>	CON	500	400	100																FTA SECTION 5309
<i>Estimated Total Project Cost - \$2,000,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.</i>																				
<b>LANAI</b>																				
MS29. Manele Small Boat Harbor Ferry Pier <b>Transit</b>	DES	1,000	800	200																FTA SECTION 5309
	CON				5,625	4,500	1,125													
<i>Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.</i>																				
<b>MAUI : STATE - FTA TOTAL</b>		<b>2,000</b>	<b>1,600</b>	<b>400</b>	<b>17,501</b>	<b>14,000</b>	<b>3,501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>									

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF MAUI - FHWA</b>																				
MC41. Bridge and Pavement Improvement Program, Maui (County)																				IM / NHS / STP FLEXIBLE
SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																Backup SMP project for 2011
<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. Halimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420																STP FLEXIBLE
SysPres Haleakala Highway to Baldwin Avenue	CON	500	450	50																HSP-HRRR
<i>Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Halimaile Road. Safety improvements could include milled centerline and rumble strips.</i>																				
MC42. Halimaile Road (Route 371) Resurfacing & Safety Improvements,	CON				2,100	1,680	420													STP FLEXIBLE
SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				400	360	40													HSP-HRRR
<i>Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Halimaile Road. Safety improvements could include milled centerline and rumble strips.</i>																				
MC5. Hansen Road Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres Hana Highway to Puunene Avenue	ROW				200	0	200													LOCAL
	CON										3,525	2,500	1,025							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
SysPres Wakea Avenue to Ani Street AND	CON				4,500	3,600	900													STP FLEXIBLE
Kamehameha Avenue (Route 3940) Pavement Reconstruction,																				
Vicinity of Puunene Avenue to Hana 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 Hana Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.</i>																				
MC43. Kahananui Bridge Replacement	DES				200	0	200													LOCAL
SysPres (Lower Honoapiilani Road - RTE 3080)	CON							3,400	2,400	1,000										BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC7. Kahawaikapia Bridge Replacement (Hana Highway - Route 360)	CON							4,264	2,912	1,352										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. Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800																STP FLEXIBLE
SysPres Mokuhaui Road North Market Street to Waiehu Beach Road																				
<i>Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili 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
Congest	CON				1,250	1,000	250													STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.</i>																				
MC11. Kaupakalua Road (Route 365) Resurfacing,	CON																4,621	3,697	924	STP FLEXIBLE
SysPres Hana Highway to Makawao Avenue																				
<i>Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.</i>																				
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100													LOCAL
SysPres	CON										5,948	4,326	1,622							BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</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)	
MC14. Kulanihokoi Bridge Replacement (South Kihei Road - Route 3100) <b>SysPres</b>	DES	500	0	500															LOCAL	
	ROW	200	0	200															LOCAL	
	CON							3,400	2,400	1,000									BRIDGE OFF-SYSTEM	
<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 <b>SysPres</b>	CON	3,968	3,968	0															EARMARK (Section 117)	
	CON	2,032	2,032	0															NRCS	
<i>Estimated Total Project Cost - \$6,600,000 -- Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean.</i>																				
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360) <b>SysPres</b>	DES				500	0	500												LOCAL	
	CON												3,744	2,496	1,248				BRIDGE OFF-SYSTEM	
<i>Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910) <b>Congest</b>	CON									2,596	2,077	519							STP FLEXIBLE	
	CON																			
<i>Estimated Total Project Cost - \$2,700,000 -- Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.</i>																				
MC18. Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road <b>SysPres</b>	ROW				1,000	0	1,000												LOCAL	
	CON												5,900	4,500	1,400				STP FLEXIBLE	
<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, Haleakala Highway to Kalama Intermediate School <b>SysPres</b>	CON	2,000	1,600	400															STP FLEXIBLE	
	CON																			
<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 Phase I - Eddie Tam Gymnasium to Kalama Intermediate School <b>SysPres</b>	ROW	1,000	0	1,000															LOCAL	
	CON									1,250	1,000	250							STP FLEXIBLE	
<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 <b>Congest</b>	DES							200	0	200									LOCAL	
	ROW																		LOCAL	
	CON									500	0	500							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.</i>																				
MC44. Papa Avenue (RTE 3910) Pavement Rehabilitation, Puunene Avenue to Kaahumanu Avenue <b>SysPres</b>	DES							250	0	250									STP FLEXIBLE	
	CON											4,925	3,500	1,425						
<i>Estimated Total Project Cost - \$5,175,000 -- 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 (Route 3930) <b>Congest</b>	DES				200	0	200												LOCAL	
	CON												860	688	172				STP FLEXIBLE	
<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, Old Haleakala Highway to Iolani Street <b>SysPres</b>	DES	200	0	200															LOCAL	
	CON	500	400	100															STP FLEXIBLE	
<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>																				
MC45. South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance <b>SysPres</b>	DES				150	0	150												STP FLEXIBLE	
	CON				2,000	1,600	400													
<i>Estimated Total Project Cost - \$2,150,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.</i>																				
MC46. South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue <b>Congest</b>	DES							100	0	100									LOCAL	
	CON											875	700	175					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 <b>Congest</b>	DES				150	0	150												LOCAL	
	CON							780	624	156									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 <b>SysPres</b>	DES				500	0	500												LOCAL	
	CON											3,786	2,600	1,186					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.</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)	
MC33. Waiohona Bridge Replacement (Hana Highway - Route 360)	DES	50	0	50																LOCAL
	CON	4,100	2,800	1,300																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. Waipulani Bikepath	DES	300	0	300																STP ENHANCEMENT
	CON							1,600	1,280	320										STP ENHANCEMENT
<i>Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakai Street to Waipulani State Park. Approximately 0.5 miles.</i>																				
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation,	DES				100	0	100													STP FLEXIBLE
MC47. Kaahumanu Avenue to Puunene Avenue	CON							3,000	2,400	600										
<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)	DES				200	0	200													LOCAL
	CON										750	600	150							STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.</i>																				
<b>MAUI : COUNTY OF MAUI - FHWA TOTAL</b>		<b>28,650</b>	<b>21,890</b>	<b>6,760</b>	<b>15,000</b>	<b>8,240</b>	<b>6,760</b>	<b>17,294</b>	<b>12,256</b>	<b>5,038</b>	<b>20,369</b>	<b>14,703</b>	<b>5,666</b>	<b>14,590</b>	<b>10,524</b>	<b>4,066</b>	<b>5,351</b>	<b>4,281</b>	<b>1,070</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF MAUI - FTA</b>																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
MC37. Rural Transportation Program	OPR	844	675	169	1,510	600	910	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																				
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
<i>Transit</i>																				
<i>CON</i>																				
<i>375 300 75</i>																				
<i>Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.</i>																				
MC48. Veterans Transportation and Community Living Initiative	EQP/OPR				297	236	61													FTA SECTION 5309
<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													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$2,225,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																				
<b>MAUI : COUNTY OF MAUI - FTA TOTAL</b>		<b>3,880</b>	<b>3,103</b>	<b>777</b>	<b>4,032</b>	<b>2,616</b>	<b>1,416</b>	<b>894</b>	<b>715</b>	<b>179</b>	<b>919</b>	<b>735</b>	<b>184</b>	<b>944</b>	<b>755</b>	<b>189</b>	<b>969</b>	<b>775</b>	<b>194</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FUNDING CATEGORY SUMMARY - MAUI</b>																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			400		17,053		9,040		1,600		0		0		0		5,408			
BRIDGE OFF-SYSTEM			6,160		0		7,952		4,326		2,736		0		0		0		0	
BRIDGE ON/OFF SYSTEM			0		5,408		647		0		3,435		0		0		4,320		0	
STP ENHANCEMENT			250		0		1,280		1,200		0		0		0		0		0	
STP FLEXIBLE			24,648		6,280		8,885		10,577		19,908		0		0		4,281		0	
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			0		0		0		0		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			359		359		359		359		359		359		359		359		359	
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			3,968		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)			0		0		0		0		0		0		0		0		0	
HSIP- Highway Safety Improvement Program			450		556		3,252		0		480		0		0		0		0	
NRCS - National Resources Conservation Service			2,032		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		38,267		29,656		31,415		18,062		26,918		14,368							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)		0		0		0		0		0		0		0		0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		32,267		29,656		31,415		18,062		26,918		14,368							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>KAUAI : STATE - FHWA</b>																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres Kapule Hwy (Route 51) Resurfacing (UTW) 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																
<i>Estimated Total Project Cost - \$63,700,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm">http://hawaii.gov/dot/highways/STIP/fy2011-2014.htm</a>. 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				1,000	800	200													
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>																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES				757	606	151													BRIDGE ON/OFF SYSTEM
	PREROW							110	88	22										
	ROW										787	630	157							
<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	DES										530	424	106							BRIDGE ON/OFF SYSTEM
SysPres Bridge No. 7E	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>																				
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW				100	80	20													BRIDGE ON/OFF SYSTEM
SysPres Omao Bridge	CON													7,350	5,880	1,470				
<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	CON																18,400	14,720	3,680	STP FLEXIBLE
Modern Phase IB																				
<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>																				
KS9. Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of	CON				3,600	3,240	360													HSIP
Safety Kahili Mountain Park Road to Hanapepe Lookout																				
<i>Estimated Total Project Cost - \$4,000,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.</i>																				
KS11. Kuhio Highway (Route 56), Bridge Replacement	ROW							759	607	152										BRIDGE ON/OFF SYSTEM
SysPres Kapaia Bridge	CON													10,500	8,400	2,100				
<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. Kuhio Highway (Route 560), Bridge Replacements <b>SysPres</b> Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM
	PREROW				112	90	22													
	ROW							562	450	112										
	CON												8,500	6,800	1,700					
	<i>Estimated Total Project Cost - \$11,000,000 -- Replace existing bridges.</i>																			
KS16. Kuhio Highway (Route 56) Improvements, <b>Modern</b> Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035)
	DES										5,000	4,000	1,000							EARMARK-HIGH PRIORITY (HI007)
	PREROW													100	80	20				NHS
<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. Kuhio Highway (Route 560) Safety Improvements <b>Safety</b> Hanalei Bridge to Waikoko Bridge	CON				1,500	1,350	150													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 arnings and signing.</i>																			
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) <b>Congest</b>	CON							416	374	42										HSIP
	<i>Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational efficiency.</i>																			
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements <b>Safety</b> and Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM
	ROW												520	416	104					
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements <b>Safety</b> 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. National Recreational Trails Program - Kauai (DLNR) <b>Enhance</b>	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>																			
KS24. Puhi-Hanamaulu, Alternate Route <b>Modern</b>	PLN																4,325	3,460	865	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$90,000,000 -- Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu.</i>																			
<b>KAUAI : STATE - FHWA TOTAL</b>		<b>1,496</b>	<b>1,197</b>	<b>299</b>	<b>9,352</b>	<b>7,992</b>	<b>1,360</b>	<b>3,301</b>	<b>2,682</b>	<b>619</b>	<b>9,631</b>	<b>7,705</b>	<b>1,926</b>	<b>27,449</b>	<b>21,959</b>	<b>5,490</b>	<b>24,039</b>	<b>19,231</b>	<b>4,808</b>	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF KAUAI - FHWA</b>																				
KC1. Ahukini To Lydgate Park Bike/Pedestrian Path <b>Enhance</b> (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES				1,040	1,040	0													STP ENHANCEMENT
	CON									7,280	7,280	0								
<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 <b>SysPres</b>	PLN/DES	125	100	25						125	100	25								BRIDGE OFF-SYSTEM
	CON																			
<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 <b>SysPres</b>	DES	75	60	15																BRIDGE OFF-SYSTEM
	CON				750	600	150													
<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 <b>Safety</b>	DES/CON				4,680	3,744	936													STP FLEXIBLE
	CON																			
<i>Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. &amp; widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets &amp; culvert extension, replacement &amp; upgrades, revising street parking, utility adjustment, traffic sign &amp; striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. &amp; ends at the Rice St. - 0.7 mi.</i>																				
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs <b>SysPres</b>	CON				312	250	62													BRIDGE OFF-SYSTEM
	CON																			
<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 <b>SysPres</b>	PLN																			BRIDGE OFF-SYSTEM
	DES												400	320	80					
<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 <b>SysPres</b>	CON												5,600	4,480	1,120					BRIDGE OFF-SYSTEM
	CON																			
<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 <b>Safety</b>	DES	150	135	15																HRRR (High Risk Rural Road)
	CON																			
<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>																				
KC8. Kuna Bay to Anahola Bike/Pedestrian Path <b>Enhance</b> (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES									300	300	0								STP ENHANCEMENT
	CON																			
<i>Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.</i>																				
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path <b>Enhance</b> (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C	CON	6,700	6,700	0																STP ENHANCEMENT
	PLN				21	21	0													
	DES				104	104	0													
	ROW				260	260	0													
	CON							1,560	1,560	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 Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy&amp; continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).</i>																				
KC18. Maluhia Road (Route 520) Improvements <b>Modern</b>	ROW												80	64	16					STP FLEXIBLE
	CON															7,650	6,120	1,530		
<i>Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunualii 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 <b>Enhance</b> (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A	DES				780	780	0													STP ENHANCEMENT
	ROW				200	200	0													
Phase B	DES							1,000	1,000	0										
<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 <b>Modern</b> (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 501) Ultra-Thin Whitetopping (UTW) <b>SysPres</b>	CON							1,217	973	244										STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intersection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.</i>																				
KC14. Puuopae Bridge Replacement <b>SysPres</b>	CON										5,000	4,000	1,000							BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.</i>																				
KC15. Resurfacing of Hanapepe Rd (Rte 545), <b>SysPres</b> 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>																				
<b>KAUAI : COUNTY OF KAUAI - FHWA TOTAL</b>		<b>9,210</b>	<b>8,723</b>	<b>487</b>	<b>8,147</b>	<b>6,999</b>	<b>1,148</b>	<b>3,902</b>	<b>3,633</b>	<b>269</b>	<b>12,580</b>	<b>11,580</b>	<b>1,000</b>	<b>6,080</b>	<b>4,864</b>	<b>1,216</b>	<b>7,650</b>	<b>6,120</b>	<b>1,530</b>	

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

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<b>FUNDING CATEGORY SUMMARY - KAUAI</b>																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			5,200		0		0		0		0		0		80		0		0	
BRIDGE OFF-SYSTEM			160		850		100		4,000		4,800		4,800		0		0		0	
BRIDGE ON/OFF SYSTEM			0		2,351		1,977		1,054		21,548		0		0		0		0	
STP ENHANCEMENT			6,700		2,405		2,560		7,580		0		0		0		0		0	
STP FLEXIBLE			4,434		4,544		1,053		800		144		0		0		25,100		0	
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			0		0		0		0		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251		0		0		251	
EARMARK - HIGH PRIORITY			0		0		0		5,600		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)			0		0		0		0		0		0		0		0		0	
HSIP- Highway Safety Improvement Program			135		4,590		374		0		0		0		0		0		0	
NRCS - National Resources Conservation Service			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		16,880		14,991		6,315		19,285		26,823		25,351							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		(5,600)		0		0		0		0		0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		16,880		14,991		6,315		13,685		26,823		25,351							

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<b>FTA SUMMARY</b>																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,997	1,691	306	
OAHU, STATE		319	255	64	260	130	130	0	0	0	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		494,547	87,630	406,917	837,748	271,140	566,608	1,206,084	300,024	906,060	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	
MAUI, STATE		2,000	1,600	400	17,501	14,000	3,501	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	
<b>FTA TOTAL</b>		<b>505,788</b>	<b>96,701</b>	<b>409,087</b>	<b>874,148</b>	<b>298,881</b>	<b>575,267</b>	<b>1,210,590</b>	<b>303,714</b>	<b>906,876</b>	<b>1,076,236</b>	<b>287,944</b>	<b>788,292</b>	<b>833,895</b>	<b>240,426</b>	<b>593,469</b>	<b>574,157</b>	<b>280,916</b>	<b>293,241</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA SUMMARY</b>																				
<b>STATEWIDE</b>		<b>41,705</b>	<b>10,430</b>	<b>31,275</b>	<b>47,110</b>	<b>14,834</b>	<b>32,276</b>	<b>48,360</b>	<b>15,754</b>	<b>32,606</b>	<b>43,931</b>	<b>12,291</b>	<b>31,640</b>	<b>47,107</b>	<b>14,752</b>	<b>32,355</b>	<b>44,689</b>	<b>12,897</b>	<b>31,792</b>	
Oahu - State		50,344	41,066	9,278	84,878	42,955	41,923	199,177	73,446	125,731	104,501	73,638	30,863	131,974	119,243	12,731	178,270	118,291	59,979	
City and County of Honolulu		39,056	15,329	23,727	33,302	23,089	10,213	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532	
<b>ISLAND OF OAHU</b>		<b>89,400</b>	<b>56,395</b>	<b>33,005</b>	<b>118,180</b>	<b>66,044</b>	<b>52,136</b>	<b>229,263</b>	<b>90,446</b>	<b>138,817</b>	<b>176,842</b>	<b>87,638</b>	<b>89,204</b>	<b>190,347</b>	<b>160,523</b>	<b>29,824</b>	<b>263,410</b>	<b>183,899</b>	<b>79,511</b>	
Hawaii - State		25,888	21,800	4,088	128,937	104,166	24,771	138,322	90,572	47,750	64,720	47,576	17,144	56,944	51,355	5,589	27,344	7,555	19,789	
County of Hawaii		13,660	10,928	2,732	4,312	3,450	862	12,713	10,170	2,543	23,380	12,704	10,676	24,250	25,400	(1,150)	5,500	4,400	1,100	
<b>ISLAND OF HAWAII</b>		<b>39,548</b>	<b>32,728</b>	<b>6,820</b>	<b>133,249</b>	<b>107,616</b>	<b>25,633</b>	<b>151,035</b>	<b>100,742</b>	<b>50,293</b>	<b>88,100</b>	<b>60,280</b>	<b>27,820</b>	<b>81,194</b>	<b>76,755</b>	<b>4,439</b>	<b>32,844</b>	<b>11,955</b>	<b>20,889</b>	
Maui - State		20,471	16,377	4,094	51,993	23,016	28,977	32,747	19,159	13,588	24,699	3,359	21,340	40,992	16,394	24,598	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	15,000	8,240	6,760	17,294	12,256	5,038	20,369	14,703	5,666	14,590	10,524	4,066	5,351	4,281	1,070	
<b>ISLAND OF MAUI</b>		<b>49,121</b>	<b>38,267</b>	<b>10,854</b>	<b>66,993</b>	<b>31,256</b>	<b>35,737</b>	<b>50,041</b>	<b>31,415</b>	<b>18,626</b>	<b>45,068</b>	<b>18,062</b>	<b>27,006</b>	<b>55,582</b>	<b>26,918</b>	<b>28,664</b>	<b>38,460</b>	<b>14,368</b>	<b>24,092</b>	
Kauai - State		1,496	1,197	299	9,352	7,992	1,360	3,301	2,682	619	9,631	7,705	1,926	27,449	21,959	5,490	24,039	19,231	4,808	
County of Kauai		9,210	8,723	487	8,147	6,999	1,148	3,902	3,633	269	12,580	11,580	1,000	6,080	4,864	1,216	7,650	6,120	1,530	
<b>ISLAND OF KAUAI</b>		<b>10,706</b>	<b>9,920</b>	<b>786</b>	<b>17,499</b>	<b>14,991</b>	<b>2,508</b>	<b>7,203</b>	<b>6,315</b>	<b>888</b>	<b>22,211</b>	<b>19,285</b>	<b>2,926</b>	<b>33,529</b>	<b>26,823</b>	<b>6,706</b>	<b>31,689</b>	<b>25,351</b>	<b>6,338</b>	
<b>FHWA TOTAL</b>		<b>230,480</b>	<b>147,740</b>	<b>82,740</b>	<b>383,031</b>	<b>234,741</b>	<b>148,290</b>	<b>485,902</b>	<b>244,672</b>	<b>241,230</b>	<b>376,152</b>	<b>197,556</b>	<b>178,596</b>	<b>407,759</b>	<b>305,771</b>	<b>101,988</b>	<b>411,092</b>	<b>248,470</b>	<b>162,622</b>	

**DEPARTMENT OF TRANSPORTATION**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #5 (Administrative Modification)**  
**FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informatve Only)**  
**Revision Effective Date: April 18, 2012**

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

PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FUNDING CATEGORY SUMMARY - ENTIRE STIP</b>																				
IM (Interstate Maintenance)			0		1,520		1,520		10,316		10,316		33,865		33,865		49,525		49,525	
NHS (National Highway System)			18,531		23,709		23,709		79,260		79,260		58,245		58,245		71,831		71,831	
BRIDGE OFF-SYSTEM			11,120		1,650		1,650		10,662		10,662		10,406		10,406		8,416		8,416	
BRIDGE ON/OFF SYSTEM			6,650		54,348		54,348		10,275		10,275		14,660		14,660		57,331		57,331	
STP ENHANCEMENT			8,950		9,647		9,647		3,960		3,960		10,700		10,700		6,680		6,680	
STP FLEXIBLE			91,639		73,347		73,347		46,905		46,905		57,568		57,568		105,272		105,272	
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			1,196		1,196		1,196		1,196		1,196		1,196		1,196		1,196		1,196	
EARMARK - HIGH PRIORITY			0		20,800		20,800		70,000		70,000		27,465		27,465		15,000		15,000	
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			3,968		0		0		0		0		0		0		0		0	
FLHD - Federal Lands Highway Discretionary			0		7,500		7,500		0		0		0		0		0		0	
SECTION 1404 - (Safe Routes to School)			300		700		700		300		300		700		700		300		300	
HSIP- Highway Safety Improvement Program			5,314		19,748		19,748		11,294		11,294		1,300		1,300		880		880	
NRCS - National Resources Conservation Service			2,032		0		0		0		0		0		0		0		0	
TIGER 3			0		13,500		13,500		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		4,300		4,300		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		476		476		0		0		0		0		0		0	
	SUBTOTAL		154,700		233,141		233,141		244,672		244,672		197,556		197,556		305,771		248,470	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(11,000)		(47,276)		(47,276)		(79,300)		(79,300)		(32,465)		(32,465)		(20,000)		(5,000)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
			0		(13,500)		(13,500)		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		143,700		185,865		185,865		165,372		165,372		165,091		165,091		285,771		243,470	