

**DEPARTMENT OF TRANSPORTATION**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #11 (Administrative Modification)**  
**FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)**  
**Revision Effective Date: November 2, 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 - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3. 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				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	300	300	0	300	300	0	SAFE ROUTES TO SCHOOL
	Pn/Ds/Co							700	700	0	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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
S13. Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals</i>																				
S15. Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
Kaunualii Hwy (Route 50) Maluhia Road to Mana	CON	1,500	1,200	300																STP FLEXIBLE
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S25. Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S26. Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.</i>																				
S16. Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				
S17. Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
	CON							3,500	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>42,710</b>	<b>11,174</b>	<b>31,536</b>	<b>49,060</b>	<b>16,454</b>	<b>32,606</b>	<b>46,031</b>	<b>14,031</b>	<b>32,000</b>	<b>46,007</b>	<b>14,012</b>	<b>31,995</b>	<b>46,789</b>	<b>14,637</b>	<b>32,152</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		3,840		2,400		2,400		2,400		2,400		2,400		2,400	
STP ENHANCEMENT			0		0		0		0		0		0		0		0		0	
STP FLEXIBLE			2,330		3,374		6,214		5,231		5,212		5,212		5,837		5,837		5,837	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0		0		0		0	
PUBLIC LANDS DISCRETIONARY			5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000		5,000	
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD - Federal Lands Highway Discretionary			0		0		0		0		0		0		0		0		0	
SECTION 1404 - (Safe Routes to School)			300		0		1,000		1,000		1,000		1,000		1,000		1,000		1,000	
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		11,174		16,454		14,031		14,012		14,637		14,637		14,637		14,637	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)		(5,000)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		5,430		6,174		11,454		9,031		9,012		9,637		9,637		9,637		9,637	

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<b>OAHU: STATE - FHWA</b>																				
OS87. Bridge and Pavement Improvement Program, Oahu	CON							36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE
<b>SysPres</b> Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																
Popoi Place to Renton Road, MP 0.00 to 3.99																				
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																
Kahuapaani St (Route 7241) Resurfacing	CON				8,250	6,600	1,650													
Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																				
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																
Kapaa Quarry to Kalaheo																				
Interstate Route H-1, Airpor Viaduct Improvements	CON				30,000	24,000	6,000													
Valkenburg Street to Middle Street																				
Vineyard Blvd (Route 98) Resurfacing	CON				9,750	500	9,250													
Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON									7,300	(7,300)									
<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/STIP.html">http://hawaii.gov/dot/highways/STIP/STIP.html</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 Piina Way in Kaneohe.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW									551	441	110								BRIDGE ON/OFF SYSTEM
<b>SysPres</b> Ulehawa Stream Bridge																				
<i>Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON																14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM
<b>SysPres</b> Maipalaoa Bridge																				
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
OS82. Farrington Highway (Route 93), Bridge Replacement	ROW									1,080	864	216								BRIDGE ON/OFF SYSTEM
<b>SysPres</b> Makaha Bridges #3 & #3A	CON									16,225	4,980	11,245								
	ADVCON													8,000	(8,000)					
<i>Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																				
OS4. Farrington Highway (Route 93) Intersection Improvements	CON							3,120	2,496	624										STP FLEXIBLE
<b>Safety</b> at Haleakala Avenue (Route 8743)	CON							4,720	4,248	472										HSIP
	CON							1,000	800	200										EARMARK - HIGH PRIORITY
<i>Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.</i>																				
OS5. Farrington Highway (Route 93) Intersection Improvements	CON							5,720	5,148	572										HSIP
<b>Safety</b> at Nanakuli Avenue (Route 8744)	CON							3,120	2,496	624										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	CON	1,960	1,764	196																HSIP
<b>Safety</b> Vicinity of Leihoku Street to Kili Drive																				
<i>Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.</i>																				
OS7. Fort Barrette Road (Route 901) Widening,	CON																23,800	19,040	4,760	STP FLEXIBLE
<b>Modern</b> Farrington Highway (Route 9107) to Barber's Point Gate																				
<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,																				NHS
<b>Congest</b> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																				
Phase 1C																				
Part 1	CON	7,000	5,600	1,400																
Part 2	CON							3,500	2,800	700										
<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)				
OS9. Freeway Management System, <b>Congest</b> Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 1 Part 2	DES				1,900	1,520	380													INTERSTATE MAINTENANCE			
	CON								5,000	4,000	1,000												
	CON												5,000	4,000	1,000								
	<i>Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.</i>																						
OS10. Freeway Management System, <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			
	CON																						
	<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			
	CON																						
<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 Phase 2 Phase 3	CON							2,100	1,890	210										HSIP INTERSTATE MAINTENANCE			
	DES												250	200	50								
	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 Phase II	CON				4,500	3,600	900													NHS			
	CON																				2,704	2,434	270
	<i>Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																						
OS16. Interstate Route H-1, Bridge Rehabilitation, <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>Modem</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>Modem</b> Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	ROW							10,800	8,640	2,160										NHS			
	DES/CON							101,000	12,800	88,200													
	ADVCON										0	5,000	(5,000)	0	32,000	(32,000)			31,000		(31,000)		
<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>Modem</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>																						

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS21. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue Phase 1 <i>SysPres</i> <i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</i>	CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE
OS22. Interstate Route H-1, Kapolei Interchange Complex Phase 2 <i>Modern</i>	CON							4,800	4,300	500										INTERSTATE MAINT. DISCR
	CON							26,700	17,030	9,670										NHS
	ADV/CON										0	7,000	(7,000)							NHS (use Adv Construction)
	DES													560	448	112				NHS
	ROW													224	179	45				NHS
	DES													540	432	108				NHS
	ROW													216	172	44				NHS
<i>Estimated Total Project Cost - \$60,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalalai and Makakilo Interchanges.</i>																				
OS83. Interstate Route H-1, Installation of Access Control Makakilo Interchange to Vicinity of H-1/H-2 Interchange <i>SysPres</i>	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, Lunaliio Street Off-Ramp and On-Ramp <i>Congest</i>	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 Lunaliio 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 Improvements, Phase 2 <i>SysPres</i>	CON																23,250	20,925	2,325	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 Waiawa IC Improvements (four WB through lanes), Phase 1 <i>Modern</i>	CON																17,525	15,775	1,750	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, Westbound, Waipahu Off-Ramp Improvements <i>Modern</i>	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 Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI <i>Safety</i>	DES	150	135	15																
	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, Halekou Interchange, Structures 1, 2 and 3 <i>SysPres</i>	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, <b>Enhance</b> Waimanalo Beach Park to Makai Pier	CON										250	200	50							EARMARK-HIGH PRIORITY
	CON										2,400	1,920	480							STP ENHANCEMENT
<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalaniana'ole Highway, from Huli Street to Makai Pier.</i>																				
OS33. Kalaniana'ole Highway (Route 72), Bridge Replacement <b>SysPres</b> Inoaole Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE
<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. Kalaniana'ole Highway (Route 72) Improvements, <b>Safety</b> Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	10,816	2,704							NHS
<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS35. Kalaniana'ole Highway (Route 72) Improvements, <b>Safety</b> Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS
<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS37. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. Kamehameha Highway (Route 83), Bridge Replacement <b>SysPres</b> Laieloa Stream Bridge	ROW							189	152	37										BRIDGE ON/OFF SYSTEM
	CON										8,600	6,880	1,720							
<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS40. Kamehameha Highway (Route 83), Bridge Rehabilitation <b>SysPres</b> Makaua Stream Bridge	PREROW							100	80	20										BRIDGE ON/OFF SYSTEM
	ROW										270	216	54							
<i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS41. Kamehameha Highway (Route 83), Bridge Rehabilitation <b>SysPres</b> Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
<i>Estimated Total Project Cost - \$10,000,000 -- Rehabilitate the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																				



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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							104	83	21										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
	CON													6,240	4,992	1,248				NHS
	CON																			
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
	CON							8,840	7,072	1,768										
	CON																			
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 bikeway to the Hawaii Railway Society Train Station.</i>	CON																			STP ENHANCEMENT
	CON																			
	CON																			

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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																STP ENHANCEMENT
	PREROW							100	80	20										
	ROW													2,750	2,200	550				
<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.</i>																				
OS71. 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							550	476	74										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							52	0	52										LOCAL
	CON							12,480	0	12,480										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>44,344</b>	<b>36,266</b>	<b>8,078</b>	<b>59,509</b>	<b>40,507</b>	<b>19,002</b>	<b>239,072</b>	<b>89,717</b>	<b>149,355</b>	<b>121,806</b>	<b>64,482</b>	<b>57,324</b>	<b>115,124</b>	<b>111,763</b>	<b>3,361</b>	<b>175,795</b>	<b>147,066</b>	<b>28,729</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>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																				
OC1. Alapai Transit Center Multi-Use Path <b>Transit</b>	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 <b>Safety</b>	DES				1,000	0	1,000													LOCAL
Architectural/Engineering Consultant	DES	4,500	4,400	100																STP FLEXIBLE
Architectural/Engineering Consultant Management Center Building	CON							16,481	7,801	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 <b>Enhance</b>	PLN	1	0	1																LOCAL
Kalaheo Avenue	ROW	1	0	1																LOCAL
	CON	2106	1556	550																STP FLEXIBLE
Kealaolu Ave Shoulder Improvements	DES				1	0	1													LOCAL
	CON				620	496	124													STP FLEXIBLE
Civic Center Bike Path Improvements	CON				325	260	65													STP FLEXIBLE
<i>Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex</i>																				
Hamakua Drive Bike Improvements	DES							100	80	20										STP FLEXIBLE
	CON										416	333	83							STP FLEXIBLE
18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements	ROW							1	0	1										LOCAL
	PLN							1	0	1										LOCAL
	DES	148	0	148																LOCAL
	CON							700	560	140										STP FLEXIBLE
Waialae Avenue Bike Lanes	DES							40	0	40										LOCAL
	CON							400	320	80										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 <b>SysPres</b>	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.</i>																				

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OC5. Computerized Traffic Control System																				
<b>Congest</b> Phase 13: Mililani Mauka Area	EOP	1	0	1															LOCAL	
	CON				3,307	2,527	780												STP FLEXIBLE	
Phase 14: Mililani Town - Part 1	CON							3,349	3,349	0									STP FLEXIBLE	
Phase 15: Mililani Town (Part 2) & Expand Fiber to Wahiawa	DES	250	200	50															STP FLEXIBLE	
Mililani	DES				375	300	75												STP FLEXIBLE	
Wahiawa	CON												3,439	2,596	843				STP FLEXIBLE	
Phase 16: Makakilo Area	DES							375	300	75									STP FLEXIBLE	
	CON																4,211	3,348	863	STP FLEXIBLE
	EOP																			LOCAL
Phase 17: Nanakuli Area	DES										380	304	76							STP FLEXIBLE
<i>Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.</i>																				
OC6. Kapolei Parkway (Route 8920)	DES	1	0	1																LOCAL
<b>Congest</b> Urban Core 4: Kunehi Street to Kamaaha Ave	CON	5,200	0	5,200																STP FLEXIBLE
Urban Core 5: Kamaaha Ave to Kamokila Blvd	CON	3,388	0	3,388																LOCAL
	CON	7,813	7,813	0																STP FLEXIBLE
Urban Core 4A: Kamaaha Intersection	CON				773	0	773													LOCAL
	CON				3,164	3,164	0													STP FLEXIBLE
<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	CON										22,550	0	22,550							LOCAL
Phase 2	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	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
<b>Modern</b> Maluna Street to Ala Liliko'i Street																				
<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	DES																600	480	120	BRIDGE OFF-SYSTEM
<b>SysPres</b>	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$2,100,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.</i>																				
OC25. Kuakini Street Extension	PLN				10	0	10													LOCAL
<b>Congest</b>	DES				10	0	10													LOCAL
	CON							4,763	3,810	953										STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,783,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.</i>																				

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OC10. Traffic Improvements at Various Locations																				
<b>Safety</b> Palolo Traffic Calming	ROW							50	0	50										LOCAL
	PLN							50	0	50										LOCAL
	DES	300	0	300																LOCAL
	CON							1,930	960	970										STP FLEXIBLE
Waiakamilo and Dillingham Intersection	DES				1	0	1													LOCAL
	CON							1,894	1,515	379										STP FLEXIBLE
<i>Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.</i>																				
TBD	ROW										50	0	50							LOCAL
	PLN										50	0	50							LOCAL
	DES							400	0	400										LOCAL
	CON										1,930	960	970							STP FLEXIBLE
TBD	ROW													50	0	50				LOCAL
	PLN													50	0	50				LOCAL
	DES										400	0	400							LOCAL
	CON													1,930	960	970				STP FLEXIBLE
TBD	ROW																50	0	50	LOCAL
	PLN																50	0	50	LOCAL
	DES													400	0	400				LOCAL
	CON																1,930	960	970	STP FLEXIBLE
TBD	DES																400	0	400	LOCAL
<i>Estimated Total Project Cost - \$11,915,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.</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	DES				450	360	90													STP FLEXIBLE
Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo	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 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	PLN	1	0	1															LOCAL	
	DES	350	280	70															STP FLEXIBLE	
	CON							4,074	3,349	725									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, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	PLN				1	0	1												LOCAL	
	DES				430	380	50												STP FLEXIBLE	
	CON									4,000	3,349	651							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 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaieola St, Noho St/Mott-Smith Dr	PLN									1	0	1							LOCAL	
	DES									364	291	73							STP FLEXIBLE	
	CON												3,251	2,600	651				STP FLEXIBLE	
	EQP												1	0	1				LOCAL	
Phase 17	PLN												1	0	1				LOCAL	
	DES												364	291	73				STP FLEXIBLE	
	CON															4,000	3,349	651	STP FLEXIBLE	
	EQP															1	0	1	LOCAL	
Phase 18	PLN															1	0	1	LOCAL	
	DES															364	291	73	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$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	150	0	150												LOCAL	
	CON	480	360	120															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>19,807</b>	<b>11,648</b>	<b>8,159</b>	<b>36,609</b>	<b>22,844</b>	<b>13,765</b>	<b>72,642</b>	<b>14,393</b>	<b>58,249</b>	<b>55,178</b>	<b>38,447</b>	<b>16,731</b>	<b>84,067</b>	<b>64,756</b>	<b>19,311</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>CITY &amp; COUNTY OF HONOLULU - FTA</b>																				
OC13. Agency Provided Trips																				
Human	OPR																			
	OPR	230	115	115	422	190	232	426	191	235	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							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	0	17,016	0	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: 8-45' buses</i>																				
<i>FFY 2012: 35&lt;30' vehicles + 13-40' buses</i>																				
<i>FFY 2013: 55&lt;30' vehicles + 112-40' buses</i>																				
<i>FFY 2014: 25&lt;30' vehicles + 1-30' bus + 26-40' buses + 1-&gt;40' buses.</i>																				
<i>FFY 2015: 30&lt;30' vehicles + 15-40' buses + 11-45' buses</i>																				
<i>FFY 2016: 30&lt;30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses</i>																				
OC15. Honolulu High Capacity Transit Corridor Project								38,700	31,000	7,700	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340
Transit (HHCTCP)	HHCTCP	80,900	30,000	50,900							888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2010)
	HHCTCP				0	0	0	171,875	55,000	116,875										FTA \$5309 NS (2011) (defer from 2012)
	HHCTCP							698,475	200,000	498,475										FTA \$5309 NS (2012) (local share inc)
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013) (see explanation file for more detail)
<i>Estimated Total Project Cost - \$5,163,495,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
<i>a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560</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 (YOE\$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 Kalae'oa 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																					
Transit	PLN																				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																					
Human	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																					
Transit	OPR				43,080	21,000	22,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397		50,397 FTA \$5307/\$5340
	OPR				45,584	27,161	18,423														13 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																					
Human	OPR	146	73	73																	13 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																					
Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1		1 LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1		1 LOCAL
	CON							1	0	1	1	0	1	1	0	1	1	0	1		1 LOCAL
	EQP							413	330	83	413	330	83	413	330	83	413	330	83		83 FTA \$5307/\$5340
	EQP				455	365	90														83 FTA \$5307/\$5340 (2011)
	EQP							754	364	390											83 FTA \$5307/\$5340 (2012)
<i>Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.</i>																					
OC22. West Oahu Bus and Handi-Van Maintenance Facility																					
Transit	PLN							200	0	200	1	0	1	1	0	1	1	0	1		1 LOCAL
	ROW							1	0	1	1,000	0	1,000	1	0	1	1	0	1		1 LOCAL
	DES							1	0	1	50	0	50	8,000	0	8,000	1	0	1		1 LOCAL
	CON													1	0	1	21,500	17,200	4,300		4,300 FTA \$5309 BC
	RELOC													1	0	1	1	0	1		1 LOCAL
	EQP										1,000	0	1,000								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																					
Transit	PLN							1	0	1	1	0	1	1	0	1					1 LOCAL
	ROW							1	0	1	1	0	1	1	0	1					1 LOCAL
	DES							175	0	175	200	0	200	200	0	200					200 LOCAL
	CON										3,000	0	3,000								3,000 LOCAL
	INSP							1	0	1	150	0	150	1	0	1					150 LOCAL
	EQP										1	0	1	1	0	1					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>90,447</b>	<b>37,630</b>	<b>52,817</b>	<b>116,790</b>	<b>71,140</b>	<b>45,650</b>	<b>1,823,277</b>	<b>555,024</b>	<b>1,268,253</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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<b>FUNDING CATEGORY SUMMARY - OAHU</b>																				
IM (Interstate Maintenance)			0		1,520		1,520		10,316		20,385		47,300							
NHS (National Highway System)			11,720		7,440		45,230		35,480		52,423		37,979							
BRIDGE OFF-SYSTEM			720		720		800		2,000		800		1,280							
BRIDGE ON/OFF SYSTEM			3,930		160		2,026		14,514		28,980		42,460							
STP ENHANCEMENT			2,000		0		7,152		1,920		2,200		0							
STP FLEXIBLE			30,859		42,028		34,336		12,393		45,135		82,516							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
DEFENSE ACCESS ROAD FUNDS			0		0		0		0		0		0							
PUBLIC LANDS DISCRETIONARY			0		0		0		0		0		0							
NATIONAL RECREATIONAL TRAILS			287		287		287		287		287		287							
EARMARK - HIGH PRIORITY			0		0		800		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		0		15,634		900		0		0							
NRCS - National Resources Conservation Service			0		0		0		0		0		0							
H-3 DISCRETIONARY			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0		0		4,300		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		476		0		0		0							
	SUBTOTAL		51,595		52,155		112,561		78,875		150,210		211,822							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		(5,576)		(1,065)		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		51,595		52,155		106,985		77,810		150,210		211,822							

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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				0	0	0	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																
Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																
Kohala Mtn Road (Route 250) PPM 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																
Akoni Pule Hwy (Route 270) Pavement Preventative Maintenance Hawi Town to Kaapau Town - MP 21.22 to MP 23.47	CON				2,125	1,700	425													
Mamalahoa Hwy (Route 11) Pavement Preventative Maintenance Kaapuna to Kaohi - MP 92.49 - MP 96.5	CON				3,375	2,700	675													
Volcano Road (Route11) Pavement Preventative Maintenance Keaau to Mountain View - MP 8.6 to MP 13.4	CON				6,000	4,800	1,200													
<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) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.html">http://hawaii.gov/dot/highways/STIP/STIP.html</a>. Qualified and priority SMP projects could receive federal funds should they become available</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
	CON																			1,400
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge <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, Pahoe 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>																				

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HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaunaloa 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 Kaunaloa Bridge.</i>																				
HS11. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaha 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 Kealahaha Bridge.</i>																				
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge <b>Safety</b>	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, Phase I (Laupahoehoe Gulch) <b>Safety</b>	CON								35,000	12,000	23,000								NHS	
	ADVCON											0	5,000	(5,000)	0	11,000	(11,000)			
<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, Phase II (Maulua Gulch) <b>Safety</b>	DES							624	499	125									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 <b>Safety</b>	CON				2,000	1,800	200												HSP	
	CON				7,000	5,600	1,400												NHS	
<i>Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches</i>																				
HS16. Hilo Bayfront Highway (Route 19), Shoreline Protection <b>SysPres</b>	DES				1,000	800	200												STP FLEXIBLE	
	PREROW				115	92	23													
	CON												3,500	2,800	700					
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																				
HS18. Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles) <b>Modern</b>	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), Waiake Stream Bridge Replacement and Realignment of Approaches <b>SysPres</b>	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 Waiake Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																				
HS20. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa <b>Modern</b>	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 Old Government Road <b>Safety</b>	CON							2,080	1,872	208									HSP	
<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 Paradise Drive, Orchardland Drive, and Ainaloa Blvd <b>Safety</b>	CON	2,500	2,250	250															HSP	
<i>Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.</i>																				
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion <b>Modern</b>	CON				21,500	17,200	4,300												STP FLEXIBLE	
	CON				1,820	1,456	364												HSP	
	CON										1,600	1,280	320						STP FLEXIBLE	
	CON										500	450	50						HSP	
<i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.</i>																				
HS24. Kealahaha Parkway Extension (Route 197), Keanalehu Drive to Kealahaha Street <b>Modern</b>	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 Kealahaha Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</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)	
HS25. Kuakini Highway (Route 11) Bicycle Improvements, <b>Enhance</b> 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)	CON																2,700	2,160	540	STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.</i>																				
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement	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	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)	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, Kanoolehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770)	PREROW							50	40	10										STP FLEXIBLE
<b>Modem</b>	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, Kanoolehua Ave (Rte 11) to Komohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kanoolehua Ave (Rte 11)	DES										1,600	1,280	320							STP FLEXIBLE
<b>Modem</b>	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)	ROW							168	134	34										HSIP
<b>Congest</b>	CON										1,190	1,071	119							
<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	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	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	CON				13,500	13,500	0													TIGER 3 FUNDS
<b>Modem</b>	ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE
	CON							50,000	50,000	0										
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE
	CON				20,000	20,000	0													
	CON							20,000	20,000	0										
	CON										20,000	20,000	0							
	CON													15,000	15,000	0				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																				
<b>HAWAII : STATE - FHWA TOTAL</b>		<b>25,888</b>	<b>21,800</b>	<b>4,088</b>	<b>128,175</b>	<b>110,940</b>	<b>17,235</b>	<b>140,050</b>	<b>97,047</b>	<b>43,003</b>	<b>65,910</b>	<b>48,697</b>	<b>17,213</b>	<b>56,944</b>	<b>46,355</b>	<b>10,589</b>	<b>27,344</b>	<b>7,555</b>	<b>19,789</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 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, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1 <i>Enhance</i>	DES							54	44	10										STP ENHANCEMENT
	ROW							520	416	104										
	CON													5,600	4,480	1,120				
Phase 2	DES							50	40	10										
	CON																	5,400	4,320	1,080
<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							540	432	108										STP FLEXIBLE
	DES							540	432	108										
	CON							2,163	1,730	433										
<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>	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, Wailoa Bridge to Ponahawai Street <i>SysPres</i>	CON				14,600	5,000	9,600													STP FLEXIBLE
	ADVCON								6,680	(6,680)										
<i>Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.</i>																				
HC9. Kawaiiani (Rte 2760)/Pohakalani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2 <i>Congest</i>	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, Hualalai Road (Route 1880) to Alii Highway <i>Modern</i>	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 (Mudlane to North Hawaii Community Hospital) <i>Modern</i>	PLN				10	8	2													NHS
	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 Lanikaula Steet to Kekuanaoa Street <i>SysPres</i>	DES	50	40	10				520	416	104										STP FLEXIBLE
	ROW													5,000	4,000	1,000				
	CON																			
<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>15,240</b>	<b>5,512</b>	<b>9,728</b>	<b>16,530</b>	<b>19,904</b>	<b>(3,374)</b>	<b>12,380</b>	<b>9,904</b>	<b>2,476</b>	<b>24,250</b>	<b>19,400</b>	<b>4,850</b>	<b>5,500</b>	<b>4,400</b>	<b>1,100</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 - FTA</b>																				
HC13. Bus and Bus Facility <b>Transit</b>	EQP/OPR	819	655	164																FTA SECTION 5309 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. 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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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 - HAWAII</b>																				
IM (Interstate Maintenance)			0		0		0		0		0		0		0		0		0	
NHS (National Highway System)			1,211		5,706		16,489		6,165		13,192		5,096							
BRIDGE OFF-SYSTEM			4,080		80		1,810		80		80		80						80	
BRIDGE ON/OFF SYSTEM			320		31,003		3,460		2,536		8,968		0						0	
STP ENHANCEMENT			0		0		500		0		4,480		4,320						0	
STP FLEXIBLE			24,568		35,108		22,387		27,200		23,736		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		3,256		2,006		1,521		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	
			SUBTOTAL		32,728		116,452		116,951		58,601		65,755						11,955	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		(41,000)		(70,000)		(20,800)		(15,000)						0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
			0		0		0		0		0		0						0	
REGULAR FORMULA AUTHORITY			TOTAL		32,728		75,452		46,951		37,801		50,755						11,955	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>MAUI : STATE - FHWA</b>																				
MS36. Bridge and Pavement Improvement Program, Maui <i>SysPres</i>	CON							20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
Haleakala Highway (Route 37) PPM (1.5 in overlay) Kula Hwy to Haleakala Crater Road Jnc.	CON	2,200	1,760	440																
Haleakala Crater Road (Route 378) MP 0.0 to 2.0	CON	1,300	1,040	260																
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																
Kula Hwy (Route 37) Resurfacing Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND Honoapiilani Hwy (Route 30) Resurfacing, Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67	CON	3,200	2,560	640																
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	CON ADVCON							2,650	320	2,330										
<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. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hawaii.gov/dot/highways/STIP/STIP.htm/">http://hawaii.gov/dot/highways/STIP/STIP.htm/</a>. Qualified and priority SMP projects could receive federal funds should they become available</i>																				
MS1. Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1 Part 2 <i>Safety</i>	CON CON							1,400	1,120	280				1,000	800	200				STP FLEXIBLE
<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 <i>Enhance</i>	CON	312	250	62																STP ENHANCEMENT
<i>Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.</i>																				
MS37. Hana Highway Historic Bridge Preservation Plan <i>SysPres</i>	PLN							1,500	1,200	300										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.</i>																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass <i>Enhance</i>	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 <i>Modern</i>	ROW CON										119	95	24							NHS
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge <i>SysPres</i>	ROW CON							808	647	161										BRIDGE ON/OFF SYSTEM
<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, Hokiokio Place to Relocated Southern Terminus <i>Modern</i>	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 at Kaanapali Parkway and Halelo Street <i>Safety</i>	CON							227	182	45										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, Vicinity of Kapoli Street to Papalaua Beach Park <i>Safety</i>	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>																				

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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)	
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, <b>SysPres</b> Vicinity of Olowalu <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>	CON							3,120	2,496	624									NHS	
MS34. Honoapiilani Highway (Route 30), Shoreline Protection <b>SysPres</b> at Launiupoko <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>	CON										3,245	2,596	649						NHS	
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, <b>Modern</b> Phase IC, Keawe Street Extension to north of Kaanapali Connector <i>Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.</i>	DES PREROW	500	400	100				50	40	10									NHS	
MS11. Kahului Airport Access Road (Route 3800) <b>Modern</b> <i>Estimated Total Project Cost - \$40,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.</i>	CON ADVCON				37,950	2,700	35,250	0	27,660	(27,660)									NHS	
MS32. Kahului Beach Road (Route 3400), Lighting Improvements <b>Safety</b> at Kanaloa Avenue (Route 3420) <i>Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.</i>	CON							563	507	56									HSIP	
MS12. Kahului Beach Road (Route 3400), Shoreline Protection <b>SysPres</b> Kahului Bay (#1) <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>	CON							1,900	1,520	380									STP FLEXIBLE	
MS14. National Recreational Trails Program - Maui (DLNR) <b>Enhance</b> <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>	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
MS15. North Kihei Road (Route 310), Shoreline Protection, <b>SysPres</b> Vicinity of Kealia Pond (#6) <i>Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.</i>	CON										5,700	4,560	1,140						STP FLEXIBLE	
MS16. Paia Bypass Road (Paia Alternative Route, <b>Modern</b> Vicinity of Spreckelsville to Vicinity of Hookipa Park) <i>Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.</i>	DES PREROW							3,245	2,596	649	100	80	20						STP FLEXIBLE	
MS35. Piilani Highway, Traffic Operational Improvements <b>Modern</b> at Ohukai Road <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>	CON							1,515	1,212	303									NHS	
MS33. Puunene Avenue (Route 3500) Safety Improvements, <b>Safety</b> Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940) <i>Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.</i>	CON							562	506	56									HSIP	
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) <b>Modern</b> to Kuihelani Highway (Route 380) <i>Estimated Total Project Cost - \$8,000,000 -- Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii</i>	PREROW ROW CON							32	25	7	150	120	30	6,300	5,040	1,260			STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE	
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation <b>SysPres</b> Iao Stream Bridge <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>	CON				6,760	5,408	1,352												BRIDGE ON/OFF SYSTEM	

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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	CON												4,293	3,435	858					BRIDGE ON/OFF SYSTEM
Makakupaia Stream Bridge																				
<i>Estimated Total Project Cost - \$5,000,000 -- Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94. Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.</i>																				
MS23. Kamehameha V Highway (Route 450), Shoreline Protection, 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>47,809</b>	<b>8,787</b>	<b>39,022</b>	<b>39,671</b>	<b>45,215</b>	<b>(5,544)</b>	<b>28,063</b>	<b>6,050</b>	<b>22,013</b>	<b>40,392</b>	<b>15,914</b>	<b>24,478</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	PLN				375	300	75													FTA SECTION 5309
Transit	DES				1,438	1,150	288													
	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,	CON	500	400	100																FTA SECTION 5309
Transit																				(add PLN)
<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	CON	500	400	100																FTA SECTION 5309
Transit																				
<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	DES	1,000	800	200																FTA SECTION 5309
Transit	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>17,876</b>	<b>14,300</b>	<b>3,576</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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<b>COUNTY OF MAUI - FHWA</b>																				
MC50. Baldwin Avenue (RTE 390) Resurfacing, Ph 1 SysPres Makawao Ave to Halimaile Road	CON							1,600	1,280	320										STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,000,000 -- Resurface pavement on Baldwin Avenue from Makawao Ave. to Halimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles</i>																				
MC41. Bridge and Pavement Improvement Program, Maui (County) SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																IM / NHS / STP FLEXIBLE Backup SMP project for 2011
<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 "greved" out represent backup items or potential projects to be federally funded in the event federal monies become available</i>																				
MC3. Bridge Inspection and Appraisal SysPres	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, SysPres Haleakala Highway to Baldwin Avenue	CON	2,100	1,680	420																STP FLEXIBLE HSIP-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, SysPres Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				2,100	1,680	420													STP FLEXIBLE HSIP-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, SysPres Hana Highway to Puunene Avenue	DES				500	0	500													LOCAL LOCAL 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, SysPres Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9)	DES				700	0	700													LOCAL STP FLEXIBLE
<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 SysPres (Lower Honoapiilani Road - RTE 3080)	DES				200	0	200													LOCAL 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) SysPres	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, SysPres North Market Street to Waiehu Beach Road	CON	4,000	3,200	800																STP FLEXIBLE
<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) SysPres	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 Congest	DES				250	0	250													LOCAL 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, SysPres Hana Highway to Makawao Avenue	CON																4,621	3,697	924	STP FLEXIBLE
<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) SysPres	DES				100	0	100													LOCAL 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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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)	
MC14. Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100) <b>SysPres</b>	DES	500	0	500															LOCAL	
	ROW	200	0	200															LOCAL	
	CON												3,550	2,840	710				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)	
Phase 2	CON	2,032	2,032	0															NRCS	
Phase 3A	DES				80	80	0												EARMARK (Section 117)	
	CON							2,600	2,200	400									EARMARK (Section 117)	
<i>Estimated Total Project Cost - \$8,600,000 -- PH 2 - Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean. PH-3A continuation of improvements for another 1000' from the end of phase 2 to Kauaula Stream.</i>																				
MC15. Lelekeea Bridge Replacement (Hana Highway - Route 360) <b>SysPres</b>	DES				500	0	500												LOCAL	
	CON																		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 <b>Congest</b>	CON												2,596	2,077	519				STP FLEXIBLE	
Papa Avenue (Route 3910)																				
<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, <b>SysPres</b>	ROW				1,000	0	1,000												LOCAL	
Hooihui Road to Napilihau Road	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, <b>SysPres</b>	CON	2,000	1,600	400															STP FLEXIBLE	
Haleakala Highway to Kalama Intermediate School																				
<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 <b>SysPres</b>	ROW	1,000	0	1,000															LOCAL	
Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	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												500	0	500				LOCAL	
	CON															730	584	146	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, <b>SysPres</b>	DES							250	0	250									STP FLEXIBLE	
Puunene Avenue to Kaahumanu Avenue	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 <b>Congest</b>	DES				200	0	200												LOCAL	
(Route 3930)	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, <b>SysPres</b>	DES	200	0	200															LOCAL	
Old Haleakala Highway to Iolani Street	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, <b>SysPres</b>	DES				150	0	150												STP FLEXIBLE	
Alanui Ke Alii to Kamaole III South Entrance	CON							2,080	1,664	416										
<i>Estimated Total Project Cost - \$2,250,000 -- 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 <b>Congest</b>	DES				90	8	82												STP FLEXIBLE	
Lipoa Street to Piikea Avenue	CON							840	672	168									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>																				

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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)	
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road <b>SysPres</b>	DES				500	0	500													LOCAL STP FLEXIBLE
	CON													3,786	2,600	1,186				
<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>																				
MC33. Waiohonu Bridge Replacement (Hana Highway - Route 360) <b>SysPres</b>	DES	50	0	50																LOCAL BRIDGE OFF-SYSTEM
	CON	4,100	2,800	1,300																
<i>Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.</i>																				
MC34. Waipuilani Bikepath <b>Enhance</b>	DES	300	0	300																STP ENHANCEMENT
	CON									1,664	1,331	333								
<i>Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakai Street to Waipuilani State Park. Approximately 0.5 miles.</i>																				
MC51. Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab. <b>SysPres</b>	CON							1,440	1,152	288										STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,800,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.</i>																				
MC47. Wakea Avenue (RTE 3920) Pavement Rehabilitation, <b>SysPres</b>	DES				100	0	100													STP FLEXIBLE
	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) <b>Congest</b>	DES				110	8	102													STP FLEXIBLE
	CON							720	576	144										
<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>11,830</b>	<b>5,736</b>	<b>6,094</b>	<b>21,994</b>	<b>16,536</b>	<b>5,458</b>	<b>20,433</b>	<b>15,074</b>	<b>5,359</b>	<b>14,512</b>	<b>10,628</b>	<b>3,884</b>	<b>9,345</b>	<b>7,476</b>	<b>1,869</b>	

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<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)
	CON	375	300	75																
<i>Transit</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>KAUAI : STATE - FHWA</b>																				
KS25. Bridge and Pavement Improvement Program, Kauai <b>SysPres</b>	CON				7,000	0	7,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
Kapule Hwy (Route 51) Resurfacing (UTW) Ahukini Road to Kuhio Hwy	CON	6,500	5,200	1,300																
Kaunualii 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/STIP.htm">http://hawaii.gov/dot/highways/STIP/STIP.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 <b>Safety</b>	Part 1	DES	100	80	20															STP FLEXIBLE
	CON							625	500	125										
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS26. Kapaa Roundabout Beautification <b>Enhance</b>	CON				22	17	5													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.</i>																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement <b>SysPres</b>	DES				1,007	806	201													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. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E <b>SysPres</b>	DES										530	424	106							BRIDGE ON/OFF SYSTEM
	ROW													65	52	13				
<i>Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.</i>																				
KS27. Kaunualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge <b>SysPres</b>	DES							1,000	800	200										BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.</i>																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Omao Bridge <b>SysPres</b>	ROW							104	83	21										BRIDGE ON/OFF SYSTEM
	CON													7,350	5,880	1,470				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS6. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB <b>Modern</b>	CON																18,400	14,720	3,680	STP FLEXIBLE
<i>Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>																				
KS9. Kaunualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout <b>Safety</b>	CON							1,040	832	208										HSIP
<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 Kapaia Bridge <b>SysPres</b>	ROW							759	607	152										BRIDGE ON/OFF SYSTEM
	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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KS13. Kuhio Highway (Route 560), Bridge Rehabilitation <b>SysPres</b> Waioli, Waipa, and Waikoko Stream Bridges  <i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>	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					
KS16. Kuhio Highway (Route 56) Improvements, <b>Modern</b> Hanamaulu to Kapaa, Phase I  <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>	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	
KS17. Kuhio Highway (Route 560) Safety Improvements <b>Safety</b> Hanalei Bridge to Waikoko Bridge  <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>	CON							1,250	1,000	250									HSIP - HRRR	
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) <b>Congest</b>  <i>Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational efficiency.</i>	CON							416	374	42									HSIP	
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements <b>Safety</b> and Kapaa Stream Bridge Rehabilitation  <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>	DES							1,040	832	208									BRIDGE-ON SYSTEM	
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements <b>Safety</b> MP 0 - MP 3.92  <i>Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.</i>	CON	1,082	866	216															STP FLEXIBLE	
KS23. National Recreational Trails Program - Kauai (DLNR) <b>Enhance</b>  <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>	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
KS28. Nawiliwili Road (RTE 58) Improvements, <b>SysPres</b> Kainani Street to Kaunualii Hwy (RTE 50).  <i>Estimated Total Project Cost - \$8,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.</i>	DES/CON				10,000	8,000	2,000													STP FLEXIBLE
KS24. Puhi-Hanamaulu, Alternate Route <b>Modern</b>  <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>	PLN																4,325	3,460	865	STP FLEXIBLE
<b>KAUAI : STATE - FHWA TOTAL</b>		<b>10,196</b>	<b>8,157</b>	<b>2,039</b>	<b>20,424</b>	<b>10,739</b>	<b>9,685</b>	<b>19,320</b>	<b>5,897</b>	<b>13,423</b>	<b>21,631</b>	<b>7,705</b>	<b>13,926</b>	<b>39,449</b>	<b>21,959</b>	<b>17,490</b>	<b>36,039</b>	<b>19,231</b>	<b>16,808</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							1,080	1,080	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
<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				800	640	160													
<i>Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.</i>																				
KC4. Hardy Street (Route 572) Improvements <b>Safety</b>	DES/CON				7,000	5,600	1,400													STP FLEXIBLE
<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>	DES				20	16	4													BRIDGE OFF-SYSTEM
	CON				312	250	62													
<i>Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.</i>																				
KC6. Kamalu Road (Route 581) Bridge Replacement <b>SysPres</b>	PLN													400	320	80				BRIDGE OFF-SYSTEM
	DES																			
<i>Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.</i>																				
KC7. Kapahi Bridge Replacement <b>SysPres</b>	CON				0	0	0							5,600	4,480	1,120				BRIDGE OFF-SYSTEM
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.</i>																				
KC20. Koloa Road Safety Guardrail and Safety Improvements <b>Safety</b>	DES	150	135	15																HRRR (High Risk Rural Road)
<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
<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 & D																				STP ENHANCEMENT
	CON	6,700	6,700	0																
	PLN				21	21	0													
	DES				104	104	0													
	CON				260	260	0				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 Beachboys continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).</i>																				
KC18. Maluhia Road (Route 520) Improvements <b>Modern</b>	DES													1,200	960	240				STP FLEXIBLE
	ROW																			
	CON																			
<i>Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunuauli 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							810	810	0										STP ENHANCEMENT
	ROW							208	208	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>8,517</b>	<b>6,891</b>	<b>1,626</b>	<b>6,000</b>	<b>5,731</b>	<b>269</b>	<b>12,580</b>	<b>11,580</b>	<b>1,000</b>	<b>7,200</b>	<b>5,760</b>	<b>1,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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<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>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		90,447	37,630	52,817	116,790	71,140	45,650	1,823,277	555,024	1,268,253	1,071,598	284,146	787,452	829,125	236,520	592,605	569,253	276,900	292,353	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	894	715	179	919	735	184	944	755	189	969	775	194	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	894	715	179	919	735	184	944	755	189	969	775	194	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	894	715	179	919	735	184	944	755	189	969	775	194	
<b>FTA TOTAL</b>		<b>101,688</b>	<b>46,701</b>	<b>54,987</b>	<b>153,565</b>	<b>99,181</b>	<b>54,384</b>	<b>1,827,783</b>	<b>558,714</b>	<b>1,269,069</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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<b>FHWA SUMMARY</b>																				
<b>STATEWIDE</b>		<b>41,705</b>	<b>10,430</b>	<b>31,275</b>	<b>42,710</b>	<b>11,174</b>	<b>31,536</b>	<b>49,060</b>	<b>16,454</b>	<b>32,606</b>	<b>46,031</b>	<b>14,031</b>	<b>32,000</b>	<b>46,007</b>	<b>14,012</b>	<b>31,995</b>	<b>46,789</b>	<b>14,637</b>	<b>32,152</b>	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	239,072	89,717	149,355	121,806	64,482	57,324	115,124	111,763	3,361	175,795	147,066	28,729	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	36,609	22,844	13,765	72,642	14,393	58,249	55,178	38,447	16,731	84,067	64,756	19,311	
<b>ISLAND OF OAHU</b>		<b>83,400</b>	<b>51,595</b>	<b>31,805</b>	<b>79,316</b>	<b>52,155</b>	<b>27,161</b>	<b>275,681</b>	<b>112,561</b>	<b>163,120</b>	<b>194,448</b>	<b>78,875</b>	<b>115,573</b>	<b>170,302</b>	<b>150,210</b>	<b>20,092</b>	<b>259,862</b>	<b>211,822</b>	<b>48,040</b>	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	140,050	97,047	43,003	65,910	48,697	17,213	56,944	46,355	10,589	27,344	7,555	19,789	
County of Hawaii		13,660	10,928	2,732	15,240	5,512	9,728	16,530	19,904	(3,374)	12,380	9,904	2,476	24,250	19,400	4,850	5,500	4,400	1,100	
<b>ISLAND OF HAWAII</b>		<b>39,548</b>	<b>32,728</b>	<b>6,820</b>	<b>143,415</b>	<b>116,452</b>	<b>26,963</b>	<b>156,580</b>	<b>116,951</b>	<b>39,629</b>	<b>78,290</b>	<b>58,601</b>	<b>19,689</b>	<b>81,194</b>	<b>65,755</b>	<b>15,439</b>	<b>32,844</b>	<b>11,955</b>	<b>20,889</b>	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	39,671	45,215	(5,544)	28,063	6,050	22,013	40,392	15,914	24,478	33,109	10,087	23,022	
County of Maui		28,650	21,890	6,760	11,830	5,736	6,094	21,994	16,536	5,458	20,433	15,074	5,359	14,512	10,628	3,884	9,345	7,476	1,869	
<b>ISLAND OF MAUI</b>		<b>49,121</b>	<b>38,267</b>	<b>10,854</b>	<b>59,639</b>	<b>14,523</b>	<b>45,116</b>	<b>61,665</b>	<b>61,751</b>	<b>(86)</b>	<b>48,496</b>	<b>21,124</b>	<b>27,372</b>	<b>54,904</b>	<b>26,542</b>	<b>28,362</b>	<b>42,454</b>	<b>17,563</b>	<b>24,891</b>	
Kauai - State		10,196	8,157	2,039	20,424	10,739	9,685	19,320	5,897	13,423	21,631	7,705	13,926	39,449	21,959	17,490	36,039	19,231	16,808	
County of Kauai		9,210	8,723	487	8,517	6,891	1,626	6,000	5,731	269	12,580	11,580	1,000	7,200	5,760	1,440	0	0	0	
<b>ISLAND OF KAUAI</b>		<b>19,406</b>	<b>16,880</b>	<b>2,526</b>	<b>28,941</b>	<b>17,630</b>	<b>11,311</b>	<b>25,320</b>	<b>11,628</b>	<b>13,692</b>	<b>34,211</b>	<b>19,285</b>	<b>14,926</b>	<b>46,649</b>	<b>27,719</b>	<b>18,930</b>	<b>36,039</b>	<b>19,231</b>	<b>16,808</b>	
<b>FHWA TOTAL</b>		<b>233,180</b>	<b>149,900</b>	<b>83,280</b>	<b>354,021</b>	<b>211,934</b>	<b>142,087</b>	<b>568,306</b>	<b>319,345</b>	<b>248,961</b>	<b>401,476</b>	<b>191,916</b>	<b>209,560</b>	<b>399,056</b>	<b>284,238</b>	<b>114,818</b>	<b>417,988</b>	<b>275,208</b>	<b>142,780</b>	

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**FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)**  
**Revision Effective Date: November 2, 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		20,385		20,385		47,300		47,300	
NHS (National Highway System)			18,531		15,846		15,846		93,127		93,127		45,936		45,936		48,483		48,483	
BRIDGE OFF-SYSTEM			11,120		1,706		1,706		8,262		8,262		13,246		13,246		5,920		5,920	
BRIDGE ON/OFF SYSTEM			6,650		41,442		41,442		14,033		14,033		20,504		20,504		65,331		65,331	
STP ENHANCEMENT			8,950		402		402		12,310		12,310		12,031		12,031		6,680		6,680	
STP FLEXIBLE			86,839		99,726		99,726		80,935		80,935		52,401		52,401		97,631		97,631	
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		20,000		20,000		70,800		70,800		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		80		80		2,200		2,200		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		0		0		1,000		1,000		1,000		1,000		1,000		1,000	
HSIP- Highway Safety Improvement Program			5,314		4,016		4,016		24,186		24,186		2,821		2,821		400		400	
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		0		0		476		476		0		0		0		0	
	SUBTOTAL		149,900		211,934		211,934		319,345		319,345		191,916		191,916		284,238		275,208	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(11,000)		(46,080)		(46,080)		(82,776)		(82,776)		(32,465)		(32,465)		(20,000)		(5,000)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		138,900		165,854		165,854		236,569		236,569		159,451		159,451		264,238		270,208	