

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #3 D R A F T
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: August 1, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT																						
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
STATEWIDE - FHWA																						
S1. Enhance Bikeway Improvements at Various Locations, Statewide	DES											300	240	60				300	240	60	STP FLEXIBLE	
	ROW											50	40	10				50	40	10		
	CON														2,000	1,600	400					
	<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. SysPres Bridge Inspection and Appraisal	PLN		3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	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. Human Construction Career Days Workforce Development Program	PLN		30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program</i>																						
S4. SysPres Highway Research and Development Program	PLN		500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170		
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program</i>																						
S5. Safety Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES		500	400	100	500	400	100	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. SysPres Highway Shoreline Protection, Statewide	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. SysPres Hawaii Statewide ITS Architectural Plan	PLN					1,000	800	200													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architechure Plan for Non-Metro areas of the State (neighbor islands).</i>																						
S8. Enhance Pedestrian Facilities and ADA Compliance at Various Locations	DES					200	160	40				200	160	40				200	160	40	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																						
S9. Modern Public Lands Highways Discretionary Projects	DES/CON		5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	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. Safety Safe Routes to School (SR2S) Program	Pln/Des		300	300	0				300	300	0				300	300	0				SAFE ROUTES TO SCHOOL	
	Non-infrastructure Infrastructure					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. Enhance SNIPP - Statewide Noxious Invasive Pest Program	OPR					2,180	1,744	436	3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	3,409	2,727	682	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																						
S12. Enhance Statewide Countown Pedestrian Signal Head Upgrade, Phase 2	CON					3,500	2,800	700													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,000,000 -- Implement pedestrian signal head upgrade with countdown head.</i>																						

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S13.	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE															
Safety	DES-CON																				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals																																				
S14.	Statewide Bridge and Pavement Improvement Program	CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM / NHS / STP FLEXIBLE DELETE															
SysPres	DES-CON																				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Project broken up by jurisdiction
Oahu	Fort Weaver Road (Route 76), Pavement Preservation	CON	0	0	0																															
	Popoi Place to Renton Road, MP 0.00 to 3.99																																			
	Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	0	0	0																moved to OS87															
	Kahuapaani St (Route 7241) Resurfacing	CON	0	0	0																moved to OS87															
	Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																																			
	Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	0	0	0																	moved to OS87														
Hawaii	Kapaa Quarry to Kalaheo																																			
	Kohala Mtn Road (Route 250) PPM	DES/CON	0	0	0																moved to HS42															
	Waiaka Jnc. Toward Hawi MP 2.54 to 6.44																																			
	Route 190 Resurfacing	CON	0	0	0																moved to HS42															
	Makalei to Palani Jnc., MP 27.63 to 35.3																																			
	Mamalahoa Hwy (Route 11) Resurfacing	CON	0	0	0																	moved to HS42														
Maui	Hawaii Volcanoes National Park to Vic. of Kapapala Ranch Rd.																																			
	Volcano Road (Route11) PPM	CON	0	0	0																moved to HS42															
	Inbound Lanes of Keeaau Bypass to Panaewa Bridge																																			
	Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	0	0	0																moved to MS36															
	Kula Hwy to Haleakala Crater Road Jnc.																																			
	Haleakala Crater Road (Route 378)	CION	0	0	0																moved to MS36															
Kauai	MP 0.0 to 2.0																																			
	Kula Hwy (Route 37) Resurfacing	CON	0	0	0																moved to MS36															
	Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND																																			
	Honoapiilani Hwy (Route 30) Resurfacing,																																			
	Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67																																			
	Kula Highway (Route 37) PPM	CON	0	0	0																moved to MS36															
S15.	Lower Kula Road to Kekauliki Avenue																																			
	Kapule Hwy (Route 51) Resurfacing (UTW)	CON	0	0	0																moved to KS25															
	Ahukini Road to Kuhio Hwy																																			
	Kaumualii Hwy (Route 50) Resurfacing	CON	0	0	0																moved to KS25															
	Kipu Rd to Huleia Bridge																																			
	Estimated Total Project Cost - \$130,000,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																																			
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL															
SysPres	DES-CON																				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
S25.	Kaumualii Hwy (Route 50)	CON	1,500	1,200	300																STP FLEXIBLE (change in limits)															
	Huleia Bridge- Maluhia Road to Mana																																			
	Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																																			
	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															
	Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																																			
	Statewide Guardrail and Shoulder Improvement Program	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	5,000															
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE															
Modern	Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																																			
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE															
	Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																																			
	Traffic Counting Stations, Various Locations	CON							3,500	2,800	700																									
	Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																																			
	Van Pool Program	CON	200	190	10	200	190	10	200	190	10	200	190	10	200	190	10	200	190	10	CMAQ															
	Estimated Total Project Cost - \$1,200,000 -- Van Pool program funding, statewide																																			
STATEWIDE - FHWA TOTAL			41,905	10,620	31,285	47,310	15,024	32,286	48,560	15,944	32,616	44,131	12,481	31,650	47,307	14,942	32,365	44,889	13,087	31,802																

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STATEWIDE - FTA																					FTA SECTION 5311 (b)(3)
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		
Human	Estimated Total Project Cost - \$655,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP).																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	355	355	0		FTA SECTION 5311
Human	Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	943	754	189	972	777	195	1,000	800	200	1,030	824	206		FTA SECTION 5310
Human	Estimated Total Project Cost - \$5,750,000 -- The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate.																				
S22. JARC (non-urban)	EQP/OPR	188	150	38	194	155	39	200	160	40	206	165	41	213	170	43	219	175	44		FTA SECTION 5316 (JARC)
Human	Estimated Total Project Cost - \$1,220,000 -- Job Access and Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients and eligible low-income individuals and to transport residents of urbanized areas .																				
& nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low-income individuals to & from jobs and activities related to their employment and to support reverse commute projects.																					
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	108	86	22	111	89	22	115	92	23	119	95	24	123	98	25		FTA SECTION 5317 (New Freedom)
Human	Estimated Total Project Cost - \$658,000 -- New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services.																				
S24. Statewide Planning	PLN	131	105	26	135	108	27	139	111	28	143	114	29	147	117	30	152	121	31		FTA SECTION 5304
Transit	Estimated Total Project Cost - \$847,000 -- FTA Statwide Planning funds is a broad area that includes formula and discretionary funding under a variety of programs by awarding grants to eligible recipients. These programs provide funding to support cooperative, continuous, and comprehensive planning for making transportation investment decisions statewide.																				
An example of this includes but is not limited to Statewide Planning under Section 5304. Funds may be utilized towards projects that: support economic vitality; increase transportation system safety and; increase security, accessibility and mobility of people and for freight; protect and enhance the environment; promote energy conservation; enhance the integration and connectivity of various modes; promote system efficiencies; and system preservation. To be eligible for funding under these programs, projects and strategies must come from the applicable transportation planning process.																					
STATEWIDE - FTA TOTAL			1,716	1,453	263	1,771	1,499	272	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,998	1,692	306	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0		0		0		0		
NHS (National Highway System)			0			0			0			0		0		0		0		
BRIDGE OFF-SYSTEM			0			0			0			0		0		0		0		
BRIDGE ON/OFF SYSTEM			2,400			2,400			2,400			2,400		2,400		2,400		2,400		
STP ENHANCEMENT			0			0			0			0		0		0		0		
STP FLEXIBLE			2,330			6,334			7,654			3,791		6,652		4,397				
CMAQ (Congestion Mitigation Air Quality)			190			190			190			190		190		190		190		
EQUITY BONUS			0			0			0			0		0		0		0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0		0		0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000		5,000		5,000		5,000		
NATIONAL RECREATIONAL TRAILS			0			0			0			0		0		0		0		
EARMARK - HIGH PRIORITY			0			0			0			0		0		0		0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0		0		0		
EARMARK - SECTION 112			0			0			0			0		0		0		0		
EARMARK - SECTION 115			0			0			0			0		0		0		0		
EARMARK - SECTION 117			0			0			0			0		0		0		0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0		0		0		0		
SECTION 1404 - (Safe Routes to School)			300			700			300			700		300		700		700		
HSIP- Highway Safety Improvement Program			400			400			400			400		400		400		400		
NRCS - National Resources Conservation Service			0			0			0			0		0		0		0		
			0			0			0			0		0		0		0		
H-3 DISCRETIONARY			0			0			0			0		0		0		0		
FTA TRANSFER FUNDS			0			0			0			0		0		0		0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0		0		0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0		0		0		
	SUBTOTAL		10,620			15,024			15,944			12,481		14,942		13,087				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)		(5,000)		(5,000)				
LESS FTA TRANSFER FUNDS			0			0			0			0		0		0		0		
			0			0			0			0		0		0		0		
REGULAR FORMULA AUTHORITY	TOTAL		5,620			10,024			10,944			7,481		9,942		8,087				

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OAHU : STATE - FHWA																				
OS87. Bridge and Pavement Improvement Program, Oahu SysPres																				IM / NHS / STP FLEXIBLE (NEW PROJECT, Oahu portion of S14) project from S14, updated cost est. project from S14, updated cost est. project from S14, unchanged project from S14, unchanged
	Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000															
	Popoi Place to Renton Road, MP 0.00 to 3.99																			
	Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350															
	Kahuapaani St (Route 7241) Resurfacing	CON	6,000	4,800	1,200															
	Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																			
	Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700															
Kapaa Quarry to Kalaheo																				
Estimated Total Project Cost - \$26,000,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
OS1. Castle Hills Access Road Drainage Improvements, Phase II SysPres	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE
Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe.																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation SysPres	ROW				510	408	102													BRIDGE ON/OFF SYSTEM
Ulehawa Stream Bridge																				
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																				
OS3. Farrington Highway (Route 93), Bridge Replacement SysPres	CON																14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM
Maipalaoa Bridge																				
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																				
OS82. Farrington Highway (Route 93), Bridge Replacement SysPres	ROW													1,160	928	232				BRIDGE ON/OFF SYSTEM
Makaha Bridges #3 & #3A														19,800	15,840	3,960				
Estimated Total Project Cost - \$23,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																				
OS4. Farrington Highway (Route 93) Intersection Improvements Safety	CON				9,000	1,000	8,000													HSIP
at Haleakala Avenue (Route 8743)																				
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																				
OS5. Farrington Highway (Route 93) Intersection Improvements Safety	CON				10,000	8,000	2,000													HSIP
at Nanakuli Avenue (Route 8744)																				
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																				
OS6. Farrington Highway (Route 93) Safety Improvements in the Safety	CON	1,960	1,764	196																HSIP
Vicinity of Leihoku Street to Kili Drive																				
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																				
OS7. Fort Barrette Road (Route 901) Widening, Modern	CON																23,800	19,040	4,760	STP FLEXIBLE
Farrington Highway (Route 9107) to Barber's Point Gate																				
Estimated Total Project Cost - \$25,300,000 -- Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.																				
OS8. Freeway Management System, Congest																				NHS
Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C																				
Part 1																				
Part 2																				
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																				
OS9. Freeway Management System, Congest																				INTERSTATE MAINTENANCE
Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A																				
Part 1																				
Part 2																				
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																				

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS10. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B		DES							1,900	1,520	380										INTERSTATE MAINTENANCE
		CON															10,000	8,000	2,000		
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																				
OS11. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A		DES													2,000	1,600	400				INTERSTATE MAINTENANCE
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																				
OS12. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager		DES	4,000	3,200	800																NHS
	Estimated Total Project Cost - \$61,500,000 -- The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.																				
OS13. Freeway Service Patrol Congest		CON	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	NHS
		Estimated Total Project Cost - \$16,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																			
OS14. Guardrail and Shoulder Improvements, Various Locations Safety		Phase 1 - Various locations on Interstate Route H-1	CON						2,100	1,890	210										STP FLEXIBLE
		Phase 2	DES												250	200	50				
			CON															3,000	2,400	600	
		Phase 3	DES															250	200	50	
Estimated Total Project Cost - \$5,850,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.																					
OS15. Interstate Routes H-1 and H-2, Destination Sign SysPres		Upgrade/Replacement, Phase I	CON				2,808	2,246	562												NHS
		Phase II	CON														2,704	2,434	270		
	Estimated Total Project Cost - \$6,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1 and H-2.																				
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal		DES	775	620	155																BRIDGE ON/OFF SYSTEM
	Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																				
OS17. Interstate Route H-1, Eastbound Improvements, Modern Vicinity of Ola Lane to Vineyard Blvd Off-Ramp		ROW							10,800	8,640	2,160										NHS
		DES/CON							101,000	26,800	74,200										
		ADVCON										0	39,000	(39,000)	0	15,000	(15,000)				
	Estimated Total Project Cost - \$111,800,000 -- Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.																				
OS18. Interstate Route H-1, Eastbound Improvements, Modern Ward Avenue (Route 7511) On-Ramp to University Interchange		DES										920	828	92							INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.																					
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Kapiolani Interchange to Ainakoa Avenue		CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS20. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)		CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS21. Interstate Route H-1, Highway Lighting Improvements, SysPres Kaimakani OP to Gulick Avenue Phase 1		CON										6,860	5,488	1,372							INTERSTATE MAINTENANCE
	Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS22. Interstate Route H-1, Kapolei Interchange Complex Modern Phase 2	CON							1,000	900	100										INTERSTATE MAINT. DISCR
	CON							5,700	5,130	570										NHS
	Phase 3	CON						21,000	18,900	2,100										NHS
	CON							3,800	3,400	400										INTERSTATE MAINT. DISCR
	Phase 4	DES												560	448	112				NHS
	ROW													224	179	45				NHS
	Phase 5	DES												540	432	108				NHS
	ROW													216	172	44				NHS
	Estimated Total Project Cost - \$60,000,000 -- Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.																			
	OS83. Interstate Route H-1, Installation of Access Control SysPres Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON	2,500	2,250	250															
Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions.																				
OS23. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp Congest	DES/CON													5,850	5,265	585				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.																				
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct SysPres Improvements, Phase 2	CON																43,250	38,925	4,325	INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.																				
OS25. Interstate Route H-1, PM Contraflow, Westbound Modern Waiawa IC Improvements (four WB through lanes), Phase I	CON													16,850	13,480	3,370				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.																				
OS27. Interstate Route H-1, Waiawa Interchange, Modern Westbound, Waipahu Off-Ramp Improvements	DES																3,432	2,745	687	NHS
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																				
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of Safety Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES	150	135	15																HSIP
	CON							1,000	900	100										
Estimated Total Project Cost - \$1,150,000 -- Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.																				
OS29. Interstate Route H-3, Seismic Retrofit, SysPres Halekou Interchange	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																				
OS31. Interstate Route H-3, Seismic Retrofit, SysPres Mokapu Blvd Interchange	CON																3,120	2,496	624	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS84. Enhance	Kalanianaʻole Highway (Route 72) Bicycle Improvements,	CON										250	200	50							EARMARK-HIGH PRIORITY
	Waimanalo Beach Park to Makai Pier	CON										2,400	1,920	480							STP ENHANCEMENT
	<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																				
OS33. SysPres	Kalanianaʻole Highway (Route 72), Bridge Replacement	CON													9,360	7,488	1,872				STP FLEXIBLE
	Inoaole Stream Bridge, Waimanalo																				
	<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. Safety	Kalanianaʻole Highway (Route 72) Improvements,	CON										13,520	10,816	2,704							NHS
	Olomana Golf Course to Waimanalo Beach Park																				
	Phase I, Olomana Golf Course to Poalima Street																				
<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																					
OS35. Safety	Kalanianaʻole Highway (Route 72) Improvements,	DES										900	720	180							NHS
	Olomana Golf Course to Waimanalo Beach Park																				
	Phase II, Poalima Street to Aloiloi Street																				
<i>Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																					
OS37. SysPres	Kamehameha Highway (Route 83), Bridge Replacement	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM
	Kaipapau Stream Bridge																				
	<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. SysPres	Kamehameha Highway (Route 83), Bridge Replacement	ROW				182	146	36													BRIDGE ON/OFF SYSTEM
	Laieloa Stream Bridge	CON										2,800	2,240	560							
	<i>Estimated Total Project Cost - \$3,700,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS40. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation	ROW				250	200	50													BRIDGE ON/OFF SYSTEM
	Makaua Stream Bridge																				
	<i>Estimated Total Project Cost - \$5,500,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS41. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM
	Waipilopilo Stream Bridge	ROW				250	200	50													
	<i>Estimated Total Project Cost - \$4,000,000 -- 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)		
OS43. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	PREROW				50	40	10											BRIDGE ON/OFF SYSTEM	
	ROW								600	480	120								
	Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																		
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON														9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM	
	Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																		
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PreROW				100	80	20											BRIDGE ON/OFF SYSTEM	
	ROW							946	757	189									
	Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.																		
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	ROW				1,040	800	240											EARMARK-HIGH PRIORITY	
	CON														17,300	13,840	3,460	BRIDGE ON/OFF SYSTEM	
	Estimated Total Project Cost - \$24,500,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																		
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	ROW				250	200	50											BRIDGE ON/OFF SYSTEM	
	Estimated Total Project Cost - \$4,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																		
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52	PREROW				50	40	10											NHS	
	ROW							450	360	90									
	CON											9,500	7,600	1,900					
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																			
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON				1,352	1,217	135											HSIP	
	Estimated Total Project Cost - \$1,450,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																		
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road	DES	200	180	20														HSIP	
	CON										1,000	900	100						
	Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.																		
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON				1,637	1,474	163											HSIP	
	Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																		
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140														NHS	
	Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.																		
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140														NHS	
	Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																		
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON										6,750	5,400	1,350				NHS		
	Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																		
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248		NHS	
	Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.																		
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station	ROW				800	640	160											STP ENHANCEMENT	
	CON				8,500	6,800	1,700												
	Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.																		
OS70. Leeward Bikeway, Phase II, Hawaiian Railway Society Train Enhance Station to Luualalei Naval Road	DES	2,500	2,000	500														STP ENHANCEMENT	
	PREROW							100	80	20									
	ROW													2,750	2,200	550			
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualalei Naval Road.																			

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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)	
OS71.	Moanalua Freeway (Route 78) and Interstate Route H-2	CON												6,000	4,800	1,200				NHS	
Safety	Guardrail and Shoulder Improvements																				
Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																					
OS72.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON									5,840	4,672	1,168							NHS	
SysPres	MP 1.12 to MP 4.09 (Halawa Hts. Off-Ramp to Middle St. Overpass)																				
Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).																					
OS73.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON									2,340	1,872	468							NHS	
SysPres	MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)																				
Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).																					
OS74.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON															3,950	3,160	790	BRIDGE ON/OFF SYSTEM	
SysPres	Puuloa Interchange, Ramp "A"																				
Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.																					
OS75.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON															6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM	
SysPres	Puuloa Separation																				
Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.																					
OS79.	Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance																					
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.																					
OS80.	Vanpool Program, Oahu	OPR	980	980	0	838	838	0	685	685	0	521	521	0	345	345	0	156	156	0	CMAQ
Congest		OPR	1,920	1,920	0	2,062	2,062	0	2,215	2,215	0	2,379	2,379	0	2,555	2,555	0	2,744	2,744	0	
Estimated Total Project Cost - \$26,100,000 -- Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.																					
OS81.	Vineyard Blvd (Route 98) Improvements, Vicinity of	DES	30	0	30															LOCAL LOCAL	
Modern	Queen's Medical Center	CON	11,000	0	11,000																
Estimated Total Project Cost - \$12,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.																					
OAHU : STATE - FHWA TOTAL			64,274	43,966	20,308	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203	

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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)	
OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35																FTA SECTION 5316 (JARC) Small Urban
Human	Estimated Total Project Cost - \$175,000 -- Job Access & Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients& eligible low-income individuals & to transport residents of urbanized areas & nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low-income individuals to & from jobs and activities related to their employment & to support reverse commute projects.																			
OS86 New Freedom (Small Urban)	EQP/OPR	144	115	29																FTA SECTION 5317 (New Freedom) Small Urban
Human	Estimated Total Project Cost - \$144,000 -- New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services.																			
OAHU : STATE - FTA TOTAL		319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Transit	Alapai Transit Center Multi-Use Path	CON	210	0	210															STP FLEXIBLE	
Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																					
OC2. Safety	Alapai Transportation Management Center																				
	Architectural/Engineering Consultant	DES				1,000	0	1,000												LOCAL	
	Architectural/Engineering Consultant	DES	4,500	4,400	100															STP FLEXIBLE	
	Management Center Building	CON							17,000	8,320	8,680	17,000	7,156	9,844	17,000	13,600	3,400			STP FLEXIBLE	
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000												LOCAL	
	System Manager	DES							1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	LOCAL
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. The City's Emergency Op Center will be relocated to the JTMC.																					
OC3. Enhance	Bicycle Projects																				
	Kalaheo Avenue	ROW	1	0	1															LOCAL	
		PLN	1	0	1															LOCAL	
		DES	0	0	0															STP FLEXIBLE	
		CON	2106	1556	550															STP FLEXIBLE	
	Kealaolu Ave Shoulder Improvements																				
		DES				1	0	1												STP FLEXIBLE	
		CON				550	440	110												STP FLEXIBLE	
	Thomas Square/Civic Center Bike Path Improvements	CON				550	440	110												STP FLEXIBLE	
	Pearl City Bike Lane Improvements	ROW							1	0	1									LOCAL	
		PLN							1	0	1									LOCAL	
		DES	58	0	58				0	0	0									STP FLEXIBLE	
		CON							300	240	60									STP FLEXIBLE	
	Hamakua Drive Bike Improvements	DES	90	0	90															STP FLEXIBLE	
		CON							400	320	80									STP FLEXIBLE	
	Mokuola St/Awalau St. Bike Improvements	DES							200	160	40									STP FLEXIBLE	
		CON										600	480	120						STP FLEXIBLE	
	18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements	ROW										1	0	1						LOCAL	
		PLN										1	0	1						LOCAL	
		DES										400	320	80						STP FLEXIBLE	
		CON													1600	1280	320			STP FLEXIBLE	
	Haleiwa/Waiialua Bike Improvements	ROW													1	0	1	1	0	1	LOCAL
		PLN													1	0	1	1	0	1	LOCAL
		DES													400	320	80	0	0	0	STP FLEXIBLE
		CON																1400	1120	280	STP FLEXIBLE
Estimated Total Project Cost - \$8,665,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.																					
OC4. SysPres	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																					
OC5. Congest	Computerized Traffic Control System																				
	Phase 13: Mililani Mauka Area	EQP	1	0	1															LOCAL	
		CON				3,307	2,527	780												STP FLEXIBLE	
	Phase 14: Mililani Town - Part 1	EQP				1	0	1												LOCAL	
		CON				3,220	3,220	0												STP FLEXIBLE	
	Phase 15: Millilani Town & Expand Fiber to Wahiawa - Part 2	EQP							1	0	1									STP FLEXIBLE	
		DES	250	200	50															STP FLEXIBLE	
		CON							3,180	2,400	780									STP FLEXIBLE	
	Phase 16: Wahiawa Town Area	EQP										1	0	1						LOCAL	
		DES				375	300	75												STP FLEXIBLE	
	Phase 17: Makakilo Area & Extend fiber towards Nanakuli	EQP													1	0	1			LOCAL	
		DES							375	300	75									STP FLEXIBLE	
		CON													4,050	3,220	830			STP FLEXIBLE	
	Phase 18: Undetermined at this time	EQP															1	0	1	LOCAL	
		DES										380	304	76						STP FLEXIBLE	
		CON															4,050	3,220	830	STP FLEXIBLE	
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.																					

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OC6. Congest Kapolei Parkway (Route 8920)	DES	1	0	1																LOCAL	
	CON	5,200	0	5,200																STP FLEXIBLE	
	CON	3,388	0	3,388																LOCAL	
	CON	7,813	7,813	0																STP FLEXIBLE	
	CON																				
	CON				773	0	773													LOCAL	
	CON				3,164	3,164	0													STP FLEXIBLE	
	Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama`aha Avenue will be federally funded. The segment from Kama`aha Avenue to Kunehi Street will be locally funded.																				
	OC7. Modern Makakilo Drive (Route 8810) Extension	CON										22,550	0	22,550							LOCAL
		CON																47,410	37,928	9,482	STP FLEXIBLE
Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway																					
OC8. Modern Salt Lake Blvd (7311) Route Widening		CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lilikoi Street.																				
OC9. SysPres Seismic Bridge Retrofit	DES				600	480	120										600	480	120	BRIDGE OFF-SYSTEM	
	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$2,700,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																					
OC10. Safety Traffic Improvements at Various Locations	ROW							50	0	50										LOCAL	
	PLN							50	0	50										LOCAL	
	DES	300	0	300																LOCAL	
	CON							1,930	960	970										STP FLEXIBLE	
	DES				1	0	1													LOCAL	
	CON				1,821	1,457	364													STP FLEXIBLE	
	ROW										50	0	50							LOCAL	
	PLN										50	0	50							LOCAL	
	DES							400	0	400										LOCAL	
	CON										1,930	960	970							STP FLEXIBLE	
	ROW													50	0	50				LOCAL	
	PLN													50	0	50				LOCAL	
	DES										400	0	400							LOCAL	
	CON													1,930	960	970				STP FLEXIBLE	
	ROW																50	0	50	LOCAL	
	PLN																50	0	50	LOCAL	
	DES																			LOCAL	
	CON																1,930	960	970	STP FLEXIBLE	
	DES																400	0	400	LOCAL	
	Estimated Total Project Cost - \$11,842,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																				

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OC11. Traffic Signals at Various Locations Congest	Phase 13	CON			3,270	2,625	645													STP FLEXIBLE
		EQP	1	0	1															LOCAL
	Phase 14	PLN	1	0	1															LOCAL
		DES	350	280	70															STP FLEXIBLE
		CON				3,865	3,220	645												STP FLEXIBLE
	Phase 15	EQP			1	0	1													LOCAL
		PLN				1	0	1												LOCAL
		DES				350	280	70												STP FLEXIBLE
	Phase 16	CON							3,846	3,220	626									STP FLEXIBLE
		EQP							1	0	1									LOCAL
		PLN							1	0	1									LOCAL
	Phase 17	DES																		STP FLEXIBLE
		CON										3,126	2,500	626						STP FLEXIBLE
		EQP										1	0	1						LOCAL
	Phase 18	PLN																		LOCAL
		DES																		STP FLEXIBLE
		CON																		STP FLEXIBLE
	Phase 19	EQP																		LOCAL
		PLN																		LOCAL
		DES																		STP FLEXIBLE
	Estimated Total Project Cost - \$24,506,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordination.																			
OC12. Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas Safety	DES	30	0	30																LOCAL
	CON	480	360	120	150	0	150													STP FLEXIBLE
Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons.																				
OAHU : C&C OF HONOLULU - FHWA TOTAL		39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532	

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CITY & COUNTY OF HONOLULU - FTA																					
OC13. Agency Provided Trips Human																					
	OPR				194	97	97	194	97	97	202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb	
	OPR	230	115	115	356	178	178	386	193	193	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb	
Estimated Total Project Cost - \$3,280,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																					
OC14. Bus and Handi-Van Acquisition Program Transit																					
	EQP	12,740	7,987	4,753																FTA \$5307/\$5340	
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II	
	EQP	1,593	1,157	436																FTA \$5309 BC	
	EQP	3,300	2,138	1,162	2,635	2,168	467	2,812	2,183	629	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	FTA \$5309 FGM	
	EQP				15,491	0	15,491	15,810	0	15,810	16,326	0	16,326	16,613	0	16,613	17,023	0	17,023	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	120	0	120	LOCAL	
	Estimated Total Project Cost - \$119,706,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																				
	FFY 2011: 35<30' vehicles + 21-40' buses + 10>40' buses + 8-45' buses																				
FFY 2012: 30<30' vehicles + 16-40' buses + 8>40' buses																					
FFY 2013: 30<30' vehicles + 12-40' buses +9-60' buses																					
FFY 2014: 25<30' vehicles + 1-30' bus + 26-40' buses + 1>40' buses.																					
FFY 2015: 30<30' vehicles + 15-40' buses + 11-45' buses																					
FFY 2016: 30<30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses																					
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)		485,000	80,000	405,000	626,970	200,000	426,970	993,800	250,000	743,800	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS	
					94,030	30,000	64,030	123,200	31,000	92,200	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340	
	Estimated Total Project Cost - \$5,163,495,000 -- Design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																				
a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																					
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																					
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOE\$000).																					
d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																					
OC16. Local Shuttle Service Human																					
	OPR				172	86	86	160	80	80	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb	
	OPR				116	58	58	121	60	61	126	63	63	131	65	66	136	68	68	FTA \$5317 NF Urb	
Estimated Total Project Cost - \$1,490,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.																					

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OC17. Middle Street Intermodal Center																				
Transit	PLN							1	0	1	1	0	1						LOCAL	
	DES	300	0	300	2,500	0	2,500	200		200	200		200						LOCAL	
	CON				1,810	1,327	483	29,322	23,458	5,864	29,336	23,469	5,867						FTA \$5309 BC	
	EQP							1	0	1	1	0	1						LOCAL	
Estimated Total Project Cost - \$63,672,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																				
OC18. Mobility Management																				
Human	OPR	496	397	99	153	122	31	148	118	30	274	219	55	289	231	58	245	196	49	FTA \$5316 JARC Urb
	OPR	100	80	20	8	6	2										62	49	13	FTA \$5317 NF-Urb
	EQP				100	80	20	124	99	25	12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb
Estimated Total Project Cost - \$2,038,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																				
OC19. Preventive Maintenance																				
Transit	OPR	41,423	21,000	20,423	43,080	0	43,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340
Estimated Total Project Cost - \$274,757,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																				
OC24. Special Needs Transportation																				
Human	OPR	146	73	73																FTA \$5317 NF-Urb
Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																				
OC20. Transfer to FHWA for Vanpool																				
Congest	OPR	1,870	1,870	0	1,945	1,945	0	2,023	2,023	0	2,103	2,103	0	2,187	2,187	0	2,275	2,275	0	FTA \$5307/\$5340
Estimated Total Project Cost - \$12,403,000 -- Transfer FTA funds to FHWA for HDOT's Vanpool program.																				
OC21. Transit Safety and Security Projects																				
Transit	PLN	1	0	1																LOCAL
	DES	1	0	1																LOCAL
	EQP	455	365	90																FTA \$5307/\$5340
	OPR																			FTA
Estimated Total Project Cost - \$457,000 -- Capital projects at various transit locations to improve safety and security.																				
OC22. West Oahu Bus and Handi-Van Maintenance Facility																				
Transit	PLN				1		1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	ROW				500	0	500	1,000	0	1,000	1	0	1	1	0	1				LOCAL
	DES				1,850	0	1,850	4,200	0	4,200	8,000	0	8,000	1		1				LOCAL
	CON										1	0	1	21,500	17,200	4,300	34,500	27,600	6,900	FTA \$5309 BC
	RELOC										1	0	1	1	0	1	1	0	1	LOCAL
	EQP							1,000	0	1,000										
Estimated Total Project Cost - \$72,562,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																				
OC23. Windward Transit Center																				
Transit	PLN				1	0	1	1	0	1	1	0	1							LOCAL
	ROW				1	0	1	1	0	1	1	0	1							LOCAL
	DES				300	0	300	200	0	200	200	0	200							LOCAL
	CON							3,000	0	3,000	0	0	0							LOCAL
	INSP							150	0	150	1	0	1							LOCAL
	EQP							1	0	1	1	0	1							LOCAL
Estimated Total Project Cost - \$3,859,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																				
OAHU : C&C OF HONOLULU - FTA TOTAL		553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867	

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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)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			1,520			3,410			10,316			33,865			49,525		
NHS (National Highway System)			11,720			4,086			64,430				64,280			35,423			6,979	
BRIDGE OFF-SYSTEM			720			1,200			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			1,274			757			2,720			29,748			44,956		
STP ENHANCEMENT			2,000			7,440			80			1,920			2,200			0		
STP FLEXIBLE			35,459			17,673			7,880			4,540			34,368			83,368		
CMAQ (Congestion Mitigation Air Quality)			980			838			685			521			345			156		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			800			0			200			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			11,691			7,100			900			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			1,920			2,062			2,215			2,379			2,555			2,744		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			4,300			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		59,095			48,871			91,944			90,063			139,591			189,295		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(800)			(4,300)			(200)			0			0		
LESS FTA TRANSFER FUNDS			(1,920)			(2,062)			(2,215)			(2,379)			(2,555)			(2,744)		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		57,175			46,009			85,429			87,484			137,036			186,551		

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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)									
HAWAII : STATE - FHWA																										
HS1. Modern	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON													7,570	6,056	1,514				STP FLEXIBLE					
	Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																									
HS2. Enhance	Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	DES										260	208	52							STP FLEXIBLE					
	Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																									
HS42. SysPres	Bridge and Pavement Improvement Program, Hawaii																				IM / NHS / STP FLEXIBLE (NEW PROJECT, Hawaii portion of S14)					
	Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																NEW PROJECT					
	Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																NEW PROJECT					
	Kohala Mtn Road (Route 250) PPM Waiala Jnc. Toward Hawi MP 2.54 to 6.44	CON	3,200	2,560	640																project from S14, changed phase from DES/CON to CON					
	Mamalaho Hwy (Route 11) Resurfacing Hawaii Volcanoes National Park to Vic. of Kapapala Ranch Rd.	CON	0	0	0																project from S14; delete, not ready this fiscal year					
	Route 190 Resurfacing Makalei to Palani Jnc., MP 27.63 to 35.3	CON	5,100	4,080	1,020																project from S14, unchanged					
	Volcano Road (Route11) PPM Inbound Lanes of Keaa Bypass to Panaewa Bridge	CON	3,600	2,880	720																project from S14, unchanged					
																					BACKUP PROJECT					
Estimated Total Project Cost - \$20,000,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																										
HS3. SysPres	Crater Rim Road (NPS)	CON	7,500	7,500	0																FED. LANDS HWY					
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																									
HS4. Safety	Guardrail and Shoulder Improvements, Various Locations	DES										1,000	800	200							STP FLEXIBLE					
		CON															1,400	0	1,400							
	Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																									
HS5. SysPres	Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	CON				35,000	28,000	7,000													BRIDGE ON/OFF SYSTEM					
	Estimated Total Project Cost - \$36,600,000 -- Rehabilitate existing bridge.																									
HS6. SysPres	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge	DES				775	620	155													BRIDGE ON/OFF SYSTEM					
		ROW										1,090	872	218												
	Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																									
HS40. Safety	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	CON	0	0	0				4,325	3,460	865										BRIDGE ON/OFF SYSTEM (changed title to add rockfall scope) (defer and inflate CON since ROW is needed)					
	Estimated Total Project Cost - \$4,400,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.																									
HS7. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge Towards Waipunaehina Bridge	CON				1,575	1,260	315													NHS					
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunaehina Bridge.																									
HS8. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON										1,400	1,120	280							NHS					
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																									
HS10. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaunaloa Bridge	CON	1,514	1,211	303																NHS					
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaunaloa Bridge.																									
HS11. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON															1,500	1,200	300		NHS					
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																									

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
HS12.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	DES				112	90	22										NHS	
Safety	Waipunahina Bridge to East Paaulo Bridge	CON												1,660	1,328	332			
Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																			
HS13.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	CON							17,305	13,844	3,461							NHS	
Safety	Phase I (Laupahoehoe Gulch)																		
Estimated Total Project Cost - \$19,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																			
HS14.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	DES				600	480	120										NHS	
Safety	Phase II (Maulua Gulch)																		
Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.																			
HS38.	Hawaii Belt Road (Route 130) Safety Improvements	CON	310	279	31													HSIP	
Safety	at Kaawalii Gulch																		
Estimated Total Project Cost - \$400,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage.																			
HS16.	Hilo Bayfront Highway (Route 19), Shoreline Protection	CON												3,500	2,800	700		STP FLEXIBLE	
SysPres																			
Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																			
HS18.	Kawaihae Road Bypass,	DES	3,000	2,400	600													NHS	
Modern	Waimea to Kawaihae, Phase 1 (First 5 miles)	PREROW							100	80	20								
Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.																			
HS19.	Kawaihae Road (Route 19), Waiake Stream Bridge Replacement	DES				1,144	915	229										BRIDGE ON/OFF SYSTEM	
SysPres	and Realignment of Approaches	PREROW				50	40	10											
		ROW							2,080	1,664	416								
		CON												10,400	8,320	2,080			
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.																			
HS20.	Keaau-Pahoa Road (Route 130) Improvements,	DES				3,000	2,400	600										STP FLEXIBLE	
Modern	Keaau to Pahoa	PREROW							100	80	20								
		ROW										1,800	1,440	360					
Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																			
HS39.	Keaau-Pahoa Road (Route 130) Intersection Improvements at	CON				2,000	1,800	200										HSIP	
Safety	Old Government Road																		
Estimated Total Project Cost - \$2,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.																			
HS22.	Keaau-Pahoa Road (Route 130), Intersection Improvements at	CON	2,500	2,250	250													HSIP	
Safety	Paradise Drive, Orchardland Drive, and Ainaloa Blvd																		
Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.																			
HS41.	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion	CON	20,700	16,560	4,140													STP FLEXIBLE	
Modern	Phase 1: Keaau Bypass to Shower Drive	CON	1,750	1,400	350													HSIP	
	Phase 2: Shower Drive Intersection Improvements	CON				0	0	0				2,100	1,680	420				STP FLEXIBLE (defer and inflate)	
Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.																			
HS24.	Kealakehe Parkway Extension (Route 197),	DES							790	632	158							STP FLEXIBLE	
Modern	Keanalehu Drive to Kealakaa Street	PREROW							50	40	10								
		ROW										1,080	864	216					
Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																			
HS25.	Kuakini Highway (Route 11) Bicycle Improvements,	CON							520	416	104							STP FLEXIBLE	
Enhance	King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)																		
Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																			
HS28.	Kumau Street Improvements, Hilo (Harbors Division)	CON														2,700	2,160	540	STP FLEXIBLE
Modern																			
Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																			
HS29.	Mamalahoa Highway (Route 11), Hilea Bridge Replacement	DES												810	648	162		BRIDGE ON/OFF SYSTEM	
SysPres																			
Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																			

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety		CON							5,841	4,673	1,168										STP FLEXIBLE
	<i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>																				
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance		CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																				
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) Modern		PREROW							50	40	10										STP FLEXIBLE EARMARK-HIGH PRIORITY (HI025) STP FLEXIBLE
		ROW										1,000	800	200							
		ROW											5,100	4,080	1,020						
<i>Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																					
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11) Modern		DES										1,600	1,280	320							STP FLEXIBLE
		PREROW														50	40	10			
<i>Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>																					
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) Congest		ROW	0	0	0	162	146	16													HSIP (defer/inflate, 106 process was delayed by need for archeological inventory study (AIS)) defer/inflate
		CON				0	0	0	1,144	1,030	114										
	<i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>																				
HS35. Queen Kaahumanu Highway (Route 19) Widening Modern		PLN																4,870	3,896	974	NHS
	<i>Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.</i>																				
HS36. Saddle Road Extension Modern		DES										9,000	7,200	1,800							STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern																					EARMARK - HIGH PRIORITY/STP FLEXIBLE
Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11		ROW	4,000	4,000	0																
		CON							50,000	50,000	0										
																					EARMARK - HIGH PRIORITY/STP FLEXIBLE
Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy		ROW	200	200	0																
Phase 1		CON				20,000	20,000	0													
Phase 2		CON							20,000	20,000	0										
Phase 3		CON										20,000	20,000	0							
Phase 4		CON													15,000	15,000	0				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HAWAII : STATE - FHWA TOTAL			59,148	49,939	9,209	64,792	56,050	8,742	100,639	94,626	6,013	46,764	41,411	5,353	40,444	35,355	5,089	10,844	7,555	3,289	

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FHWA																					
HC1.	Alii Drive (Route 186) Culvert Replacement	CON							10,400	8,320	2,080										STP FLEXIBLE
SysPres	Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																				
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	DES	50	40	10																STP ENHANCEMENT
		ROW				500	400	100													
		CON													5,600	4,480	1,120				
	Phase 2	DES							50	40	10										
		CON																5,400	4,320	1,080	
	Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																				
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1	PLN	500	400	100																STP FLEXIBLE
Modern		DES	500	400	100																
		CON				2,080	1,664	416													
	Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.																				
HC5.	Bridge Inspection and Appraisal	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																				
HC6.	Kaahakini Bridge Rehabilitation	CON				2,080	1,664	416													BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HC7.	Kaiminiani (Route 198) Roadway Improvements	DES	10	8	2																STP FLEXIBLE
SysPres	Mamalahoa Highway (Route 190) to Vicinity of Ahiahi Street	CON	8,500	6,800	1,700																
	Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																				
HC8.	Kamehameha Avenue (Route 1910) Resurfacing, Waioloa Bridge to Ponahawai Street	CON							9,620	7,696	1,924										STP FLEXIBLE
SysPres	Estimated Total Project Cost - \$10,200,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Waioloa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																				
HC9.	Kawaiilani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiilani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2	DES	10	8	2																STP FLEXIBLE
Congest		CON													17,470	13,976	3,494				
	Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiilani/Iwalani and Kawaiilani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																				
HC10.	Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway	CON							7,280	5,824	1,456										STP FLEXIBLE
Modern	Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																				
HC11.	Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	PLN	10	8	2																STP FLEXIBLE
Modern		DES				10	8	2													
		ROW													1,080	864	216				
	Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																				
HC15.	Manono Street (Route 2770) Roadway Improvements	DES	50	40	10																STP FLEXIBLE
SysPres	Lanikauala Steet to Kekuanaoa Street	ROW	500	400	100																
	Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikauala St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																				
HC12.	Reed's Island Bridge Rehabilitation	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			15,230	12,184	3,046	4,770	3,816	954	10,550	8,440	2,110	17,000	13,600	3,400	24,250	19,400	4,850	5,500	4,400	1,100	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																					
HC13. Transit	Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																					
HC14. Transit	Rural Transportation Program	EQP/OPR	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																					
HC16. Transit	State of Good Repair	CON				5,000	4,000	1,000												FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)	
		EQP/OPR				1,250	1,000	250													
<i>Estimated Total Project Cost - \$6,250,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																					
HAWAII : COUNTY OF HAWAII - FTA TOTAL			1,663	1,330	333	7,963	6,370	1,593	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0			0			0			0		0			0			
NHS (National Highway System)			3,611			1,830			15,044			0		1,328			5,096			
BRIDGE OFF-SYSTEM			4,080			1,744			80			80		80			80			
BRIDGE ON/OFF SYSTEM			320			29,575			3,460			2,536		8,968			0			
STP ENHANCEMENT			40			400			40			0		4,480			4,320			
STP FLEXIBLE			39,064			2,408			13,113			31,296		24,600			2,160			
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0			0			
EQUITY BONUS			0			0			0			0		0			0			
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0			0			
PUBLIC LANDS DISCRETIONARY			0			0			0			0		0			0			
NATIONAL RECREATIONAL TRAILS			299			299			299			299		299			299			
EARMARK - HIGH PRIORITY			0			20,000			70,000			20,800		15,000			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0			0			
EARMARK - SECTION 112			0			0			0			0		0			0			
EARMARK - SECTION 115			0			0			0			0		0			0			
EARMARK - SECTION 117			0			0			0			0		0			0			
FLHD - Federal Lands Highway Discretionary			7,500			0			0			0		0			0			
SECTION 1404 - (Safe Routes to School)			0			0			0			0		0			0			
HSIP- Highway Safety Improvement Program			3,929			1,946			1,030			0		0			0			
NRCS - National Resources Conservation Service			0			0			0			0		0			0			
			0			0			0			0		0			0			
H-3 DISCRETIONARY			0			0			0			0		0			0			
FTA TRANSFER FUNDS			0			0			0			0		0			0			
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0			0			
	SUBTOTAL		58,843			58,202			103,066			55,011		54,755			11,955			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(7,500)			(20,000)			(70,000)			(20,800)		(15,000)			0			
LESS FTA TRANSFER FUNDS			0			0			0			0		0			0			
			0			0			0			0		0			0			
REGULAR FORMULA AUTHORITY	TOTAL		51,343			38,202			33,066			34,211		39,755			11,955			

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MAUI : STATE - FHWA																				
MS36. SysPres	Bridge and Pavement Improvement Program, Maui																			IM / NHS / STP FLEXIBLE (NEW PROJECT, Maui portion of S14)
	Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440															from project S14, unchanged
	Kula Hwy to Haleakala Crater Road Jnc.																			
	Haleakala Crater Road (Route 378) MP 0.0 to 2.0	CON	1,300	1,040	260															from project S14, unchanged
	Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680															NEW PROJECT BACKUP PROJECT
	Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672															NEW PROJECT
	Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500															NEW PROJECT
	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															from project S14, new cost est.
	Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500															from project S14, new cost est. BACKUP PROJECT
	Estimated Total Project Cost - \$24,000,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																			
MS1. Safety	Guardrail and Shoulder Improvement Program at Various Locations, Maui Part 1	CON						1,400	1,120	280										STP FLEXIBLE
	Part 2	CON												1,000	800	200				
	Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																			
MS2. Enhance	Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62															STP ENHANCEMENT
	Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																			
MS3. Enhance	Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON				1,066	853	213												STP ENHANCEMENT
	Dairy Road (Route 380) to Naniloa Overpass																			
	Estimated Total Project Cost - \$1,200,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																			
MS4. Modern	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW CON				110	88	22									6,760	5,408	1,352	NHS
	Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																			
MS5. SysPres	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW CON				777	622	155									5,400	4,320	1,080	BRIDGE ON/OFF SYSTEM
	Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay																			
MS7. Modern	Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES									2,000	1,600	400							NHS
	Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.																			
MS30. Safety	Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	CON				218	196	22												HSIP
	Estimated Total Project Cost - \$250,000 -- Install flashing beacon on Honoapiilani Hwy as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.																			
MS8. Safety	Honoapiilani Highway (Route 30) Safety Improvements, Vicinity of Kapoli Street to Ukumehameha Beach Park Road Papalaua Beach Park	CON				2,920	2,628	292												HSIP (revised project limits--shortened)
	Estimated Total Project Cost - \$3,300,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																			
MS31. SysPres	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	CON				2,163	1,730	433												NHS
Estimated Total Project Cost - \$2,600,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MS34.	Honoapiilani Highway (Route 30), Shoreline Protection at Launiupoko	CON				3,000	2,400	600													NHS	
SysPres																						
Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders																						
MS9.	Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES	500	400	100																NHS	
Modern		PREROW							50	40	10											
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																						
MS11.	Kahului Airport Access Road (Route 3800)	ROW	400	320	80																EARMARK - HIGH PRIORITY (HI028)	
Modern		CON				25,000	11,000	14,000													NHS	
		ADVCON							0	9,000	(9,000)											
Estimated Total Project Cost - \$33,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.																						
MS32.	Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420)	CON				541	487	54													HSIP	
Safety																						
Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.																						
MS12.	Kahului Beach Road (Route 3400), Shoreline Protection	CON				4,325	3,460	865													STP FLEXIBLE	
SysPres	Kahului Bay (#1)																					
Estimated Total Project Cost - \$5,000,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																						
MS14.	National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)	
Enhance																						
Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program																						
MS15.	North Kihei Road (Route 310), Shoreline Protection, Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE	
SysPres																						
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																						
MS16.	Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES							3,245	2,596	649										STP FLEXIBLE	
Modern		PREROW										100	80	20								
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																						
MS35.	Piilani Highway, Traffic Operational Improvements at Ohukai Road	CON	1,400	1,120	280																NHS	
Modern																						
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.																						
MS18.	Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) to Kuihelani Highway (Route 380)	PREROW	30	24	6																STP FLEXIBLE	
Modern		ROW										150	120	30							STP FLEXIBLE	
		CON													6,300	5,040	1,260				STP FLEXIBLE	
		CON													600	480	120				HSIP	
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue. Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii																						
MS19.	Waiehu Beach Road (Route 3400), Bridge Rehabilitation	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM	
SysPres	Iao Stream Bridge																					
Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																						

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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)	
MOLOKAI																					
MS20. Safety	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					
	Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																				
MS22. SysPres	Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON												4,293	3,435	858				BRIDGE ON/OFF SYSTEM	
	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.																				
MS23. SysPres	Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	CON												1,400	1,120	280				STP FLEXIBLE	
	Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.																				
MAUI : STATE - FHWA TOTAL			22,301	17,841	4,460	47,329	29,231	18,098	5,894	13,715	(7,821)	2,699	2,159	540	20,492	16,394	4,098	12,609	10,087	2,522	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FTA																				
MS24. Lahaina Small Boat Harbor and Ferry Pier Transit	DES	1,350	1,080	270																FTA SECTION 5309
	CON				9,375	7,500	1,875													
	<i>Estimated Total Project Cost - \$5,000,000 -- 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, Transit Ferry System Improvements	CON	500	400	100																FTA SECTION 5309
	<i>Estimated Total Project Cost - \$12,000,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.</i>																			
MS27. Kaunakakai Harbor Ferry System Improvements Transit	CON	500	400	100																FTA SECTION 5309
	<i>Estimated Total Project Cost - \$2,000,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.</i>																			
MS29. Manele Small Boat Harbor Ferry Pier Transit	DES	1,000	800	200																FTA SECTION 5309
	CON	5,000	4,000	1,000																
	<i>Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.</i>																			
MAUI : STATE - FTA TOTAL		8,350	6,680	1,670	9,375	7,500	1,875	0	0	0	0	0	0	0	0	0	0	0	0	

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COUNTY OF MAUI - FHWA																				
MC41. Bridge and Pavement Improvement Program, Maui (County)																				IM / NHS / STP FLEXIBLE (NEW PROJECT)
SysPres Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600																Backup SMP project for 2011
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																				
MC3. Bridge Inspection and Appraisal	PLN	0	0	0				300	240	60				300	240	60				BRIDGE OFF-SYSTEM (delete PLN in 11, prev oblig)
SysPres Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA																				
MC4. Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420																STP FLEXIBLE
SysPres Haleakala Highway to Baldwin Avenue	CON	500	450	50																HSIP-HRRR
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Maliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5. Hansen Road Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres Hana Highway to Puunene Avenue	ROW				200	0	200													LOCAL
	CON													3,536	2,496	1,040				STP FLEXIBLE
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				
MC6. Hina Avenue (Route 3930) Pavement Reconstruction,	DES				200	0	200													LOCAL
SysPres Wakea Avenue to Ani Street	CON													1,040	832	208				STP FLEXIBLE
Estimated Total Project Cost - \$1,300,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles.																				
MC7. Kahawaikapia Bridge Replacement (Hana Highway - Route 360)	CON				4,100	2,800	1,300													BRIDGE OFF-SYSTEM
SysPres Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800																STP FLEXIBLE
SysPres Mokuhaui Road North Market Street to Waiehu Beach Road																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																				
MC38. Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
SysPres Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC9. Kamehameha Avenue (Route 3940) Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres Vicinity of Puunene Avenue to Hina Avenue	CON													3,120	2,496	624				STP FLEXIBLE
Estimated Total Project Cost - \$3,700,000 -- Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC10. Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250													LOCAL
Congest	CON							1,250	1,000	250										STP FLEXIBLE
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC11. Kaupakalua Road (Route 365) Resurfacing,	CON				3,950	3,160	790													STP FLEXIBLE
SysPres Hana Highway to Makawao Avenue																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																				
MC13. Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100													LOCAL
SysPres	CON							5,720	4,160	1,560										BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC14. Kulanihakai Bridge Replacement (South Kihei Road - Route 3100)	DES	500	0	500																LOCAL
SysPres	ROW	200	0	200																LOCAL
	CON												4,160	2,912	1,248					BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				

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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS	
MC39. Lahaina Watershed Flood Control Project, Phase 2 SysPres	CON		3,968	3,968	0																EARMARK (Section 117)	
	CON		2,032	2,032	0																NRCS	
	Estimated Total Project Cost - \$6,600,000 -- Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean.																					
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360) SysPres	DES					500	0	500													LOCAL	
	CON													3,744	2,496	1,248					BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910) Congest	CON					2,400	1,920	480													STP FLEXIBLE	
	Estimated Total Project Cost - \$2,700,000 -- Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.																					
MC18. Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road SysPres	ROW					1,000	0	1,000													LOCAL	
	CON								9,900	6,900	3,000										STP FLEXIBLE	
	Estimated Total Project Cost - \$12,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																					
MC21. Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School SysPres	CON		2,000	1,600	400																STP FLEXIBLE	
	Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																					
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School SysPres	ROW		1,000	0	1,000																LOCAL	
	CON											11,960	8,320	3,640							STP FLEXIBLE	
	Estimated Total Project Cost - \$15,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																					
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street Congest	DES								200	0	200										LOCAL	
	ROW											500	0	500				730	584	146	LOCAL	
	CON																				STP FLEXIBLE	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																						
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930) Congest	DES					200	0	200													LOCAL	
	CON													860	688	172					STP FLEXIBLE	
	Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
MC28. Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street SysPres	DES					200	0	200													LOCAL	
	CON					500	400	100													STP FLEXIBLE	
	Estimated Total Project Cost - \$700,000 -- Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.																					
MC31. Waiale Road (Route 3180) Traffic Signals at Waiinu Road Congest	DES					150	0	150													LOCAL	
	CON													780	624	156					STP FLEXIBLE	
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																					
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres	DES					500	0	500													LOCAL	
	CON											3,640	2,500	1,140							STP FLEXIBLE	
	Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.																					
MC33. Waiohono Bridge Replacement (Hana Highway - Route 360) SysPres	DES		50	0	50																LOCAL	
	CON		4,100	2,800	1,300																BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC34. Waipuilani Bikepath Enhance	DES		300	0	300																STP ENHANCEMENT	
	CON													1,600	1,280	320					STP ENHANCEMENT	
	Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakai Street to Waipuilani State Park. Approximately 0.5 miles.																					
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest	DES					200	0	200													LOCAL	
	CON											728	582	146							STP FLEXIBLE	
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																					
MAUI : COUNTY OF MAUI - FHWA TOTAL				27,950	21,490	6,460	15,450	8,280	7,170	17,370	12,300	5,070	20,988	14,314	6,674	14,980	11,152	3,828	730	584	146	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<u>COUNTY OF MAUI - FTA</u>																					
MC36. Transit	Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
			<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																		
MC37. Transit	Rural Transportation Program	OPR	844	675	169	869	695	174	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>																		
MC40. Transit	Bus and Bus Facility	EQP	1,842	1,473	369															FTA SECTION 5309 (Rural Bus Prgm)	
		CON	375	300	75																
			<i>Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.</i>																		
MAUI : COUNTY OF MAUI - FTA TOTAL			3,880	3,103	777	1,713	1,370	343	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - MAUI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			6,720			15,218			9,040			1,600			0			5,408		
BRIDGE OFF-SYSTEM			6,160			2,800			4,400			2,912			2,736			0		
BRIDGE ON/OFF SYSTEM			0			6,030			0			0			3,435			4,320		
STP ENHANCEMENT			250			853			0			0			1,280			0		
STP FLEXIBLE			18,912			8,940			12,216			11,602			19,256			584		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
EARMARK - HIGH PRIORITY			320			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			0			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			450			3,311			0			0			480			0		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			39,171			37,511			26,015			16,473			27,546			10,671		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,320)			0			0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	32,851			37,511			26,015			16,473			27,546			10,671		

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KAUAI : STATE - FHWA																					
KS25. Bridge and Pavement Improvement Program, Kauai SysPres																				IM / NHS / STP FLEXIBLE (NEW PROJECT, Kauai portion of S14)	
	Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																from project S14, new cost est.
	Ahukini Road to Kuhio Hwy																				
	Kaunuaalii Hwy (Route 50) Resurfacing Kipu Rd to Huleia Bridge	CON	2,200	1,760	440																from project S14, unchanged
Estimated Total Project Cost - \$10,000,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																					
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai Safety	Part 1	DES	100	80	20															STP FLEXIBLE	
		CON				1,000	800	200													
	Part 2	DES							100	80	20										
		CON										1,000	800	200							
	Part 3	DES													100	80	20				
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																					
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road SysPres	DES				757	606	151													BRIDGE ON/OFF SYSTEM	
	PREROW							110	88	22											
	ROW										787	630	157								
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																					
KS4. Kaunuaalii Highway (Route 50), Bridge Rehabilitation SysPres	DES										530	424	106							BRIDGE ON/OFF SYSTEM	
	ROW													65	52	13					
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaunuaalii Highway update to current bridge standards.																					
KS5. Kaunuaalii Highway (Route 50), Bridge Rehabilitation SysPres	ROW				100	80	20													BRIDGE ON/OFF SYSTEM	
	CON													7,350	5,880	1,470					
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunuaalii Hwy in the vicinity of Omao Road.																					
KS6. Kaunuaalii Highway (Route 50) Improvements, Anonui St to Kipu Rd Modern	CON																18,400	14,720	3,680	STP FLEXIBLE	
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunuaalii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																					
KS9. Kaunuaalii Highway (Route 50) Safety Improvements in the Vicinity of Safety	CON				3,600	3,240	360													HSIP	
Estimated Total Project Cost - \$4,000,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																					
KS11. Kuhio Highway (Route 56), Bridge Replacement SysPres	ROW				730	584	146													BRIDGE ON/OFF SYSTEM	
	CON				9,360	7,488	1,872														
Estimated Total Project Cost - \$11,100,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS13. Kuhio Highway (Route 560), Bridge Replacements SysPres Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM	
	PREROW				112	90	22														
	ROW							562	450	112											
	CON												8,500	6,800	1,700						
	<i>Estimated Total Project Cost - \$11,000,000 -- Replace existing bridges.</i>																				
KS16. Kuhio Highway (Route 56) Improvements, Modern Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035)	
	DES										5,000	4,000	1,000							EARMARK-HIGH PRIORITY (HI007)	
	PREROW													100	80	20					
<i>Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.</i>																					
KS17. Kuhio Highway (Route 560) Safety Improvements Safety Hanalei Bridge to Waikoko Bridge	CON				1,500	1,350	150													HSIP - HRRR	
<i>Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arkingns and signing.</i>																					
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) Congest	CON				400	360	40													HSIP	
	<i>Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effeciency.</i>																				
KS20. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM	
	ROW												520	416	104						
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																					
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements Safety MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.</i>																					
KS23. National Recreational Trails Program - Kauai (DLNR) Enhance	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
	<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
KS24. Puhi-Hanamaulu, Alternate Route Modern	PLN															4,325	3,460	865	STP FLEXIBLE		
	<i>Estimated Total Project Cost - \$90,000,000 -- Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu.</i>																				
KAUAI : STATE - FHWA TOTAL			1,496	1,197	299	19,842	16,424	3,418	2,126	1,701	425	9,631	7,705	1,926	16,949	13,559	3,390	24,039	19,231	4,808	

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COUNTY OF KAUAI - FHWA																				
KC1. Ahukini To Lydgate Park Bike/Pedestrian Path Enhance (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES				1,040	1,040	0													
	CON										7,280	7,280	0							
																				STP ENHANCEMENT
Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																				
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES	125	100	25				125	100	25										
Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.																				
KC3. Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement SysPres	DES	75	60	15																
	CON	500	400	100																BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$575,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																				
KC4. Hardy Street (Route 572) Improvements Safety	DES/CON				4,680	3,744	936													STP FLEXIBLE
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.																				
KC5. Kamalu Bridge (Route 581) Erosion Protection Repairs SysPres	CON	300	240	60																BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																				
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN										200	160	40							BRIDGE OFF-SYSTEM
	DES													400	320	80				
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																				
KC7. Kapahi Bridge Replacement SysPres	CON				5,000	4,000	1,000													BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,500,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																				
KC20. Koloa Road Safety Guardrail and Safety Improvements Safety	DES	150	135	15																HRRR (High Risk Rural Road)
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																				
KC8. Kuna Bay to Anahola Bike/Pedestrian Path Enhance (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES										300	300	0							STP ENHANCEMENT
Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.																				
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path Enhance (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase B Phase C																				STP ENHANCEMENT
	CON	6,700	6,700	0																
	PLN	20	20	0																
	DES	100	100	0																
	ROW	250	250	0																
	CON							1,560	1,560	0										
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - starts at the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the N side of Waipouli Canal at Kuhio Hwy.																				
KC18. Maluhia Road (Route 520) Improvements Modern	ROW													80	64	16				STP FLEXIBLE
	CON																7,650	6,120	1,530	
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumuali Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Enhance Nawiiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A																				STP ENHANCEMENT	
	DES				780	780	0														
	ROW				200	200	0														
Phase B	DES							1,000	1,000	0											
<i>Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.</i>																					
KC11. Modern Northerly Leg of the Western Bypass Road (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. SysPres Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	CON				1,170	936	234													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 intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.</i>																					
KC14. SysPres Puuopae Bridge Replacement	DES							0	0	0										BRIDGE OFF-SYSTEM (delete DES, prev obligated)	
	CON										5,000	4,000	1,000								
<i>Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.</i>																					
KC15. SysPres Resurfacing of Hanapepe Rd (Rte 545), 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>																					
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			10,380	9,733	647	12,870	10,700	2,170	2,685	2,660	25	12,780	11,740	1,040	480	384	96	7,650	6,120	1,530	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
Transit	Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																			
KC17. Rural Transportation Program	OPR	717	574	143	739	591	148	760	608	152	781	625	156	803	642	161	824	659	165	FTA SECTION 5311
Transit	EQP	127	101	26	130	104	26	134	107	27	138	110	28	141	113	28	145	116	29	FTA SECTION 5311
Estimated Total Project Cost - \$5,400,000 -- Operate public transit system.																				
KC21. State of Good Repair	EQP/OPR				1,157	925	232													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit	Estimated Total Project Cost - \$1,157,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																			
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	2,870	2,295	575	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			0			0			0			0			80			0		
BRIDGE OFF-SYSTEM			800			4,000			100			4,160			320			0		
BRIDGE ON/OFF SYSTEM			0			10,423			1,370			1,054			13,148			0		
STP ENHANCEMENT			7,070			2,020			2,560			7,580			0			0		
STP FLEXIBLE			2,674			5,480			80			800			144			25,100		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			4,950			0			0			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		10,930			27,124			4,361			19,445			13,943			25,351		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		10,930			27,124			4,361			13,845			13,943			25,351		

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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)	
FTA SUMMARY																				
STATEWIDE		1,716	1,453	263	1,771	1,499	272	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,998	1,692	306	
OAHU, STATE		319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867	
COUNTY OF HAWAII		1,663	1,330	333	7,963	6,370	1,593	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
MAUI, STATE		8,350	6,680	1,670	9,375	7,500	1,875	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	1,713	1,370	343	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
COUNTY OF KAUAI		1,663	1,330	333	2,870	2,295	575	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
FTA TOTAL		571,083	134,349	436,734	816,066	255,146	560,920	1,229,888	315,086	914,801	1,113,192	315,394	797,798	847,663	260,426	587,237	562,459	272,136	290,322	

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Revision Effective Date: August 1, 2011

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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)	
<u>FHWA SUMMARY</u>																				
STATEWIDE		41,905	10,620	31,285	47,310	15,024	32,286	48,560	15,944	32,616	44,131	12,481	31,650	47,307	14,942	32,365	44,889	13,087	31,802	
Oahu - State		64,274	43,966	20,308	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203	
City and County of Honolulu		39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532	
ISLAND OF OAHU		103,330	59,295	44,035	72,838	49,671	23,167	188,641	100,264	88,377	126,780	97,523	29,257	177,807	153,191	24,616	233,030	189,295	43,735	
Hawaii - State		59,148	49,939	9,209	64,792	56,050	8,742	100,639	94,626	6,013	46,764	41,411	5,353	40,444	35,355	5,089	10,844	7,555	3,289	
County of Hawaii		15,230	12,184	3,046	4,770	3,816	954	10,550	8,440	2,110	17,000	13,600	3,400	24,250	19,400	4,850	5,500	4,400	1,100	
ISLAND OF HAWAII		74,378	62,123	12,255	69,562	59,866	9,696	111,189	103,066	8,123	63,764	55,011	8,753	64,694	54,755	9,939	16,344	11,955	4,389	
Maui - State		22,301	17,841	4,460	47,329	29,231	18,098	5,894	13,715	(7,821)	2,699	2,159	540	20,492	16,394	4,098	12,609	10,087	2,522	
County of Maui		27,950	21,490	6,460	15,450	8,280	7,170	17,370	12,300	5,070	20,988	14,314	6,674	14,980	11,152	3,828	730	584	146	
ISLAND OF MAUI		50,251	39,331	10,920	62,779	37,511	25,268	23,264	26,015	(2,751)	23,687	16,473	7,214	35,472	27,546	7,926	13,339	10,671	2,668	
Kauai - State		1,496	1,197	299	19,842	16,424	3,418	2,126	1,701	425	9,631	7,705	1,926	16,949	13,559	3,390	24,039	19,231	4,808	
County of Kauai		10,380	9,733	647	12,870	10,700	2,170	2,685	2,660	25	12,780	11,740	1,040	480	384	96	7,650	6,120	1,530	
ISLAND OF KAUAI		11,876	10,930	946	32,712	27,124	5,588	4,811	4,361	450	22,411	19,445	2,966	17,429	13,943	3,486	31,689	25,351	6,338	
FHWA TOTAL		281,740	182,299	99,441	285,201	189,196	96,005	376,465	249,650	126,815	280,773	200,933	79,840	342,709	264,377	78,332	339,291	250,359	88,932	

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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)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			1,520			3,410			10,316			33,865			49,525		
NHS (National Highway System)			22,051			21,134			88,514			65,880			36,831			17,483		
BRIDGE OFF-SYSTEM			11,760			9,744			5,380			9,152			3,936			1,360		
BRIDGE ON/OFF SYSTEM			6,650			49,702			7,987			8,710			57,699			51,676		
STP ENHANCEMENT			9,360			10,713			2,680			9,500			7,960			4,320		
STP FLEXIBLE			98,839			42,499			40,943			52,029			85,020			115,609		
CMAQ (Congestion Mitigation Air Quality)			1,170			1,028			875			711			535			346		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
EARMARK - HIGH PRIORITY			320			21,600			70,000			26,600			15,000			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			7,500			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			700			300			700			300			700		
HSIP- Highway Safety Improvement Program			6,993			22,298			8,530			1,300			880			400		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			1,920			2,062			2,215			2,379			2,555			2,744		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			4,300			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			179,059			189,196			241,330			193,473			250,777			250,359		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(18,820)			(26,600)			(79,300)			(31,600)			(20,000)			(5,000)		
LESS FTA TRANSFER FUNDS			(1,920)			(2,062)			(2,215)			(2,379)			(2,555)			(2,744)		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	158,319			160,534			159,815			159,494			228,222			242,615		