

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<u>STATEWIDE - FHWA</u>																					
S1. Bikeway Improvements at Various Locations, Statewide Enhance	DES										300	0	300				300	0	300	STP FLEXIBLE (DES will be locally funded only)	
	ROW													51	41	10					
	CON													2,000	1,600	400					
<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. Bridge Inspection and Appraisal SysPres	PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM	
<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																					
S3. Construction Career Days Workforce Development Program Human	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>																					
S27. Hawaii Scenic Byways Statewide Signage Enhance	DES/CON				78	78	0													NATIONAL SCENIC BYWAYS	
<i>Estimated Total Project Cost - Design, Manufacture and install directional and byway identification signage on four state byways located on Hawaii and Kauai islands. Signage will be consistent with the State's Scenic Byway Program.</i>																					
S4. Highway Research and Development Program SysPres	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program</i>																					
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program Safety	PLN/DES	500	400	100	500	400	100	700	630	70	3,000	3,000	0	700	630	70	700	630	70	HSIP	
<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
S6. Highway Shoreline Protection, Statewide SysPres	DES																500	400	100	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																					
S7. Hawaii Statewide ITS Architectural Plan SysPres	PLN				1,000	800	200													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).</i>																					
S8. Pedestrian Facilities and ADA Compliance at Various Locations Enhance	DES										0	0	0	208	166	42	0	0	0	STP FLEXIBLE (defer program 1 year. Scope to be determined)	
	CON													0	0	0					
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																					
S28. Planning and Programming of Various Projects, Statewide SysPres	PLN/DES										500	400	100							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$500,000 -- To create a program of projects that include planning and preliminary engineering, project scoping, development of budgetary estimates, and development of program delivery plan</i>																					
S9. Public Lands Highways Discretionary Projects Modern	DES/CON	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	PUBLIC LANDS DISCRETIONARY	
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																					
S10. Safe Routes to School (SR2S) Program Safety	Pln/Des	300	300	0				300	300	0	100	100	0	300	300	0	300	300	0	SAFE ROUTES TO SCHOOL	
	Pn/Ds/Co							700	700	0	300	300	0	700	700	0	700	700	0		
<i>Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																					
S11. SNIPP - Statewide Noxious Invasive Pest Program Enhance	OPR				2,180	1,744	436				3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</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	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Kaunualii Hwy (Route 50) Maluhia Road to Mana	CON	1,500	1,200	300																	
	Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																				
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360										BRIDGE ON/OFF SYSTEM
SysPres																					
Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON													3,641	2,913	728				
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,260	14,454	31,806	49,781	17,101	32,680	44,807	12,882	31,925	

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	96	96	0	99	99	0	102	102	0	105	105	0	FTA SECTION 5311 (b)(3)
Human																				
Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	250	250	0	258	258	0	265	265	0	FTA SECTION 5311
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	1,063	850	213	263	210	53	275	220	55	288	230	58	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.																				
S22. JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	400	200	200				280	140	140				FTA SECTION 5316 (JARC)
Human																				
Estimated Total Project Cost - \$898,000 - Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	260	130	130				160	80	80				FTA SECTION 5317 (New Freedom)
Human																				
Estimated Total Project Cost - \$536,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S24. Statewide Planning	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
Transit																				
Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	755	673	82	1,222	917	305	810	721	89	

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0		0		0		0		
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			3,840			2,400		2,400		2,400		2,400		
STP ENHANCEMENT			0			0			0			0		0		0		0		
STP FLEXIBLE			2,330			3,452			830			3,654		8,071		3,852				
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0		0		0		
EQUITY BONUS			0			0			0			0		0		0		0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0		0		0		
PUBLIC LANDS DISCRETIONARY			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			0			1,000			400		1,000		1,000		1,000		
HSIP- Highway Safety Improvement Program			400			400			630			3,000		630		630		630		
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		10,430			11,252			11,300			14,454		17,101		12,882				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)		(5,000)		(5,000)				
LESS FTA TRANSFER FUNDS			0			0			0			0		0		0				
			0			0			0			0		0		0				
REGULAR FORMULA AUTHORITY	TOTAL		5,430			6,252			6,300			9,454		12,101		7,882				

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OAHU : STATE - FHWA																					
OS87. Bridge and Pavement Improvement Program, Oahu	CON							29,600	0	29,600	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE	
SysPres Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																	
Popoi Place to Renton Road, MP 0.00 to 3.99																					
Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																	
Kahuapaani St (Route 7241) Resurfacing	CON				8,250	6,600	1,650														
Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																					
Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																	
Kapaa Quarry to Kalaheo																					
Interstate Route H-1, Airport Viaduct Improvements	CON				30,000	24,000	6,000														
Valkenburg Street to Middle Street																					
Vineyard Blvd (Route 98) Resurfacing	CON				9,750	500	9,250														
Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON								7,300	(7,300)											
Kamehameha Highway (Route 83) Resurfacing	CON										20,400	16,320	4,080								
Waihau Street to Ka Uka Blvd																					
Kalaniana'ole Highway (Route 72) Resurfacing	CON							14,000	11,200	2,800											
Hanauma Bay Road to West Hind Drive																					
Estimated Total Project Cost - \$237,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available																					
OS1. Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE	
SysPres																					
Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Pilina Way in Kaneohe.																					
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW													562	450	112				BRIDGE ON/OFF SYSTEM	
SysPres Ulehawa Stream Bridge																					
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS3. Farrington Highway (Route 93), Bridge Replacement	CON													13,500	5,000	8,500				BRIDGE ON/OFF SYSTEM	
SysPres Maipalaoa Bridge	ADVCON																0	5,800	(5,800)		
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82. Farrington Highway (Route 93), Bridge Replacement	ROW										0	0	0	1,100	880	220				BRIDGE ON/OFF SYSTEM	
SysPres Makaha Bridges #3 & #3A	CON													16,550	10,240	6,310				(defer and inflate, Cat Ex will not be complete in 2014.)	
	ADVCON										0	0	0	0	0	0	0	3,000	(3,000)		
Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																					
OS4. Farrington Highway (Route 93) Intersection Improvements	CON							3,120	1,000	2,120										STP FLEXIBLE	
Safety at Haleakala Avenue (Route 8743)	ADVCON										0	1,496	(1,496)							HSIP	
	CON							4,720	4,248	472											
	AVDCON																			EARMARK - HIGH PRIORITY	
	CON							1,000	800	200											
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																					
OS5. Farrington Highway (Route 93) Intersection Improvements	CON							5,720	5,148	572										HSIP	
Safety at Nanakuli Avenue (Route 8744)	ADVCON																				
	CON							3,120	1,000	2,120										STP FLEXIBLE	
	ADVCON										0	1,496	(1,496)								
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	CON	1,960	1,764	196																HSIP	
Safety Vicinity of Leihoku Street to Kili Drive																					
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																					

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OS8. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C Part 1 Part 2																				NHS		
	CON	7,000	5,600	1,400																		
	CON									8,500	1,800	6,700										
	ADVCON												0	5,000	(5,000)							
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																					
OS9. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A Part 2																				INTERSTATE MAINTENANCE		
	DES				1,900	1,520	380															
	CON												5,000	4,000	1,000							
	Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																					
OS10. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B	DES												1,980	1,584	396					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							2,500	2,250	250							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	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	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 Oahu Interstate-Route H-1+	CON									0	0	0	2,185	1,748	437					HSIP INTERSTATE MAINTENANCE (scope expanded to island wide. Env docs will not be complete by 2014.) (defer and inflate)
		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.																						
OS92. ITS Operation and Maintenance Congest	OPR										285	255	30	285	255	30	285	255	30	INTERSTATE MAINTENANCE		
	Estimated Total Project Cost - \$1,000,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.																					
	OS15. Interstate Routes H-1, H-2, and H-201 Destination Sign SysPres	Upgrade/Replacement, Phase I Phase II	CON			4,500	3,600	900														NHS
			CON														2,704	2,434	270			
			CON																			
Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.																						
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Halona Street Bridge)	DES	775	620	155																BRIDGE ON/OFF SYSTEM		
	Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																					
OS88. Interstate Route H-1, Corridor Study Modern	PLN				2,500	2,000	500													NHS		
	Estimated Total Project Cost - \$2,500,000 -- Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.																					
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.																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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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)	
OS21. SysPres Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue Phase 1	CON													6,997	1,020	5,977				INTERSTATE MAINTENANCE	
	ADVCON																0	4,578	(4,578)		
	<i>Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.</i>																				
OS22. Modern Interstate Route H-1, Kapolei Interchange Complex Phase 2	CON										0	0	0	4,800	4,300	500				INTERSTATE MAINT. DISCR NHS (defer and incr. Due to delay in executing Utility Agreements)	
	CON										0	0	0	55,200	24,680	30,520					
	ADVCON													0	0	0	0	13,000	(13,000)	NHS	
	Phase 3	DES												0	0	0	571	457	114	NHS (defer and inflate)	
		ROW												0	0	0				NHS	
	Phase 4	DES												0	0	0				NHS	
		ROW												0	0	0				NHS	
<i>Estimated Total Project Cost - \$60,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.</i>																					
OS83. SysPres Interstate Route H-1, Installation of Access Control Makakilo Interchange to Vicinity of H-1/H-2 Interchange	CON		2,500	2,250	250															STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions.</i>																				
OS24. SysPres Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	CON																	23,250	20,925	2,325	INTERSTATE MAINTENANCE
	<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																				
OS25. Modern Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I	CON																	17,525	15,775	1,750	INTERSTATE MAINTENANCE
	<i>Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.</i>																				
OS90. SysPres Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue	CON								35,000	26,500	8,500									NHS	
	ADVCON											0	5,000	(5,000)							
	<i>Estimated Total Project Cost - \$36,000,000 -- cold plane & resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new hwy lighting; and other misc work to accommodate the extra through lane.</i>																				
OS93. Safety Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) to Waiawa Overpass	DES											500	450	50						HSIP	
	<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS27. Modern Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	DES																	3,432	2,745	687	NHS
	<i>Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																				
OS28. Safety Interstate Route H-3, Safety Improvements in the Vicinity of Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES		150	135	15															HSIP	
	CON								1,600	1,440	160										
	<i>Estimated Total Project Cost - \$1,750,000 -- Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.</i>																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T REVISION #18**
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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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)	
OS29. Interstate Route H-3, Seismic Retrofit, SysPres Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS84. Kalanianaʻole Highway (Route 72) Bicycle Improvements, Enhance Waimanalo Beach Park to Makai Pier	CON													250	200	50				EARMARK-HIGH PRIORITY
	CON													2,453	1,962	491				STP ENHANCEMENT
<i>Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.</i>																				
OS33. Kalanianaʻole Highway (Route 72), Bridge Replacement SysPres Inoaole Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE
<i>Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.</i>																				
OS34. Kalanianaʻole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON										13,520	2,000	11,520							NHS
	ADVCON													0	8,816	(8,816)				
<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. Kalanianaʻole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										0	0	0	918	734	184				NHS (defer and inflate; waiting for completion of OS34 to start DES)
<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>																				
OS98. Kamehameha Highway (Route 83), Bridge Replacement SysPres Hoolapa (Nanahu) Stream Bridge	DES										1,100	880	220							BRIDGE ON/OFF SYSTEM (New project)
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge.</i>																				
OS37. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.</i>																				
OS39. Kamehameha Highway (Route 83), Bridge Replacement SysPres Laieloa Stream Bridge	ROW										193	155	38							BRIDGE ON/OFF SYSTEM
	CON													8,775	7,020	1,755				
<i>Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS99. Kamehameha Highway (Route 99), Bridge Rehabilitation SysPres Kipapa Stream (Roosevelt) Bridge	DES										1,600	1,280	320							BRIDGE ON/OFF SYSTEM (New project)
<i>Estimated Total Project Cost - \$19,000,000 -- Rehabilitate the existing bridge.</i>																				
OS40. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Makaua Stream Bridge	PREROW										0	0	0	104	83	21				BRIDGE ON/OFF SYSTEM
	ROW													275	220	55				(defer & inflate. No DES contract yet)
<i>Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS41. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM
	ROW							260	208	52										
<i>Estimated Total Project Cost - \$10,000,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula</i>																				
OS43. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	PREROW										53	43	10							BRIDGE ON/OFF SYSTEM
	ROW													612	490	122				
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS45. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>																				
OS48. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW													984	787	197				
<i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>																				
OS49. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW													104	82	22				BRIDGE ON/OFF SYSTEM
	ROW													1,125	865	260				EARMARK-HIGH PRIORITY
	CON																17,300	13,840	3,460	BRIDGE ON/OFF SYSTEM
<i>Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge <i>Estimated Total Project Cost - \$11,500,000 - replace the existing bridge</i>	PREROW													108	85	23				BRIDGE ON/OFF SYSTEM
	ROW													540	432	108				
	CON																11,253	1,000	10,253	
	ADVCON																			
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge <i>Estimated Total Project Cost - \$8,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW										265	212	53							
OS94. Kamehameha Highway (Route 80), Repair and Repaint SysPres Karsten Thot Bridge <i>Estimated Total Project Cost - \$9,000,000 -- Repair deteriorated steel bridge framing and connections, repair concrete cracks and spalls in concrete deck slab and abutments, repaint steel bridge, and set up temporary traffic controls.</i>	CON										8,100	6,480	1,620							BRIDGE ON/OFF SYSTEM
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52 <i>Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	PREROW				50	40	10													NHS
	ROW													470	376	94				
	CON																9,690	7,752	1,938	
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge <i>Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON										1,560	1,248	312							HSIP
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road <i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.</i>	DES	200	180	20																HSIP
	CON										1,000	900	100							
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road <i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>	CON										0	0	0	2,550	2,295	255				HSIP (defer and inflate, DES just started. Will not be ready for 2014)
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14) <i>Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10) <i>Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>	DES	700	560	140																NHS
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9) <i>Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>	CON													6,885	5,508	1,377				NHS
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond <i>Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>	CON													6,240	4,992	1,248				NHS
OS91. Kualakai Parkway (Route 8930) Extension Modern <i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>	CON													17,000	13,600	3,400				STP FLEXIBLE
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station <i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.</i>	CON										9,020	7,216	1,804							STP ENHANCEMENT

DEPARTMENT OF TRANSPORTATION
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS70. Enhance Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Luualualei Naval Road		DES	2,500	2,000	500																STP ENHANCEMENT
		PREROW																			
		ROW														104	83	21			
	<i>Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Luualualei Naval Road.</i>																				
OS96. SysPres Middle Street (Route 7415) Pavement Reconstruction King Street (7410) to Kamehameha Highway (Route 7401)		CON										3,000	3,000	0							HIGHWAYS FOR LIFE STP FLEXIBLE (HFL funds are eligible to match the STP Flex funds)
		CON										12,000	12,000	0							
	<i>Estimated Total Project Cost - \$16,000,000 -- This is a pavement reconstruction project that will implement the use of post-tensioned precast concrete pavement panels to accelerate construction to reduce lane closures. This will replace the existing AC pavement. Other roadway items will be upgraded to current standards.</i>																				
OS71. Safety Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements		CON													6,000	4,800	1,200				NHS
	<i>Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS72. SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Hts. Off-Ramp to Middle St. Overpass)		CON													6,000	4,800	1,200				NHS
	<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
OS73. SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)		CON													2,387	1,910	477				NHS
	<i>Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
OS74. SysPres Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"		CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM
	<i>Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS75. SysPres Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation		CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM
	<i>Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS79. Enhance 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)
	<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS97. SysPres Sand Island Access Road (Route 64), Truck Weigh Station Kapalama Container Terminal		DES										0	0	0	132	106	26				NHS (defer and inflate, Env docs will not be complete in 2014)
		ROW										0	0	0	128	102	26				
	<i>Estimated Total Project Cost - \$5,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																				
OS81. Modern Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center		DES							52	0	52										LOCAL INTERSTATE MAINT. DISCR
		CON										12,730	2,277	10,453							
	<i>Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.</i>																				
OAHU : STATE - FHWA TOTAL			44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	136,585	70,195	66,390	252,047	154,530	97,517	163,539	124,814	38,725	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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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>OAHU : STATE - FTA</u>																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35	140	70	70	140	70	70									FTA SECTION 5316 (JARC) Small Urban	
<i>Estimated Total Project Cost - \$455,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.</i>																				
OS86. New Freedom (Small Urban)	EQP/OPR	144	115	29	120	60	60	232	116	116									FTA SECTION 5317 (New Freedom) Small Urban	
<i>Estimated Total Project Cost - \$496,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.</i>																				
OS95. Transportation Assistance for Elderly and Disabled	EQP							500	400	100	519	415	104	553	430	123	556	445	111	FTA SECTION 5310
	OPR							375	300	75	350	280	70	363	290	73	375	300	75	
<i>Estimated Total Project Cost - \$3,661,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.</i>																				
OAHU : STATE - FTA TOTAL		319	255	64	260	130	130	1,247	886	361	869	695	174	916	720	196	931	745	186	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Transit	Alapai Transit Center Multi-Use Path	CON	210	0	210															STP FLEXIBLE	
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. Congest	Alapai Transportation Management Center																				
	Architectural/Engineering Consultant	DES				1,000	0	1,000												LOCAL	
	Architectural/Engineering Consultant	DES	4,500	4,400	100															STP FLEXIBLE	
	Management Center Building - Phase 1 - Utility Infrastructure/Off- Site Work	DES/CON							4,301	3,440	861	0	0	0	0	0	0	0	0	STP FLEXIBLE	
	Management Center Building - Phase 2 - Building/On-site work																			STP FLEXIBLE (Building work will not be DES/CON. Separated as regular CON. Increase fed share as funds became available)	
		CON ADVCON										18,880	8,536	10,344	22,970	0	22,970	23,208	0	23,208	
															0	10,914	(10,914)	0	10,370	(10,370)	format as advance construction
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000												LOCAL	
	System Manager	DES							2,700	2,160	540	460	0	460	1	0	1	1	0	1	STP FLEXIBLE
		EQP													1	0	1	1,700	0	1,700	LOCAL
Estimated Total Project Cost - \$97,097,000 -- The transportation management center will be a joint communication center to be built in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agency.																					
OC3. Enhance	Bicycle Projects	EQP							10	0	10				10	0	10				LOCAL
	Kalaheo Avenue	PLN	1	0	1										1	0	1	1	0	1	LOCAL
		ROW	1	0	1										1	0	1	1	0	1	LOCAL
		CON	2106	1556	550																STP FLEXIBLE
	Kealaolu Ave Shoulder Improvements	DES				1	0	1													LOCAL
		CON				620	496	124													STP FLEXIBLE
		CON							190	0	190	250	200	50							STP FLEXIBLE
	Civic Center Bike Path Improvements	CON				325	260	65													STP FLEXIBLE
Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex																					
	Hamakua Drive Bike Improvements	DES							100	80	20										STP FLEXIBLE
		CON													800	640	160				STP FLEXIBLE
	Diamond Head Rd/Monsarrat Ave/Makapuu Ave/18 th Ave	ROW							1	0	1	1	0	1							LOCAL
	Bike Improvements	PLN							1	0	1										LOCAL
		DES	148	0	148																LOCAL
		CON							760	560	200	180	0	180							STP FLEXIBLE
	Pearl Harbor Bike Path	DES										500	400	100							STP FLEXIBLE
		CON																2000	1600	400	
	Waialae Avenue Bike Lanes	DES							40	0	40										LOCAL
		CON							80	0	80										LOCAL
	TBD	CON										3	0	3	280	160	120	250	200	50	STP FLEXIBLE
Estimated Total Project Cost - \$8,662,000 -- 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	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,700,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																					
(refined estimated cost for 2014)																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC5. Congest	Computerized Traffic Control System																				
	Phase 13: Mililani Mauka Area		EQP	1	0	1			1	0	1									LOCAL	
			CON				3,307	2,527	780											STP FLEXIBLE	
	Phase 14: Mililani Town - Part 1		CON															3,385	2,708	677	STP FLEXIBLE
	Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa																				
	Ph 15 - Mililani Town - Part 2		DES	250	200	50															
	Ph 16 - Wahiawa		DES				375	300	75												
	Phase 17: Makakilo Area		DES															420	336	84	STP FLEXIBLE
OC6. Congest	Phase 18: Nanakuli Area		DES																	STP FLEXIBLE	
	Estimated Total Project Cost - \$7,739,000 -- 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.																				
	Kapolei Parkway (Route 8920)		DES	1	0	1														LOCAL	
	Urban Core 4: Kunehi Street to Kamaaha Ave		CON	5,200	0	5,200														STP FLEXIBLE	
	Urban Core 5: Kamaaha Ave to Kamokila Blvd		CON	3,388	0	3,388														LOCAL	
			CON	7,813	7,813	0														STP FLEXIBLE	
	Urban Core 4A: Kamaaha Intersection		CON				773	0	773	2,200	0	2,200								LOCAL	
			CON				3,164	3,164	0											STP FLEXIBLE	
	Estimated Total Project Cost - \$22,539,000 -- 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		DES						3,000	0	3,000									LOCAL	
	Phase 1																				
		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
	Maluna Street to Ala Liliko'i Street																				
		Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliko'i Street.																			
OC9. SysPres	Seismic Bridge Retrofit		DES															600	480	120	BRIDGE OFF-SYSTEM
			CON									300	0	300							BRIDGE OFF-SYSTEM
																					(This project will be all locally funded)
		Estimated Total Project Cost - \$900,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, and construct retrofit measures. The bridges have not yet been determined.																			
OC25. Congest	Kuakini Street Extension		PLN				10	0	10			10	0	10							LOCAL
			DES				10	0	10			10	0	10							LOCAL
			CON							2,107	2,107	0									STP FLEXIBLE
			CON									970	0	970							LOCAL
			INSP									10	0	10							LOCAL (decreased total project cost)
Estimated Total Project Cost - \$3,127,000 -- Plan, design, construct, and inspect traffic improvements to connect Kuakini Street to Hala Drive; approximately 450 linear feet of new roadway. This will alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. The project includes the installation of new sidewalks. There is insufficient right-of-way to provide bike lane.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OC10. Traffic Improvements at Various Locations Safety	Palolo Area	DES	300	0	300				200	0	200										LOCAL			
		CON											1,284	1,027	257	990	0	990			STP FLEXIBLE (reduce cost estimates from a total of \$2.4 million)			
		Provide traffic engineering devices on Palolo Avenue, 9th Avenue, and 10th Avenue. This may include roundabouts, bulbouts, and intersection modifications.																						
	Harding Ave. and 5th Ave. and 11th Ave.	CON							288	0	288	301	201	100							STP FLEXIBLE			
		Widen the roads and improve the traffic signal system to allow for protected left turns at the Harding Avenue/5th Avenue intersection and the Harding Avenue/11th Avenue intersection.																						
		DES				1	0	1	300	0	300													
	Waiakamilo and Dillingham Intersection	CON						1,130	930	200	300	200	100											
		Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.																						
		ROW											50	0	50				112	82	30	STP FLEXIBLE		
	Kalaheo Ave and Kailua Road	PLN											50	0	50				51	0	51	LOCAL		
		DES											618	400	218				100	80	20	STP FLEXIBLE		
		CON																1,785	1,428	357	STP FLEXIBLE			
	Conduct a study to evaluate traffic congestion and safety for the intersection at Kalaheo Avenue and Kailua Road. A roundabout is being considered but actual improvements are to be determined as a result of the study.																							
	Village Park and Kupuna Loop	ROW																						
		DES																						
CON																		450	360	90	200	160	40	STP FLEXIBLE
Conduct a sub-area traffic safety and circulation study of existing roadway conditions along Kupuna Loop. The result of the study will determine actual improvements and locations.																								
TBD	DES																							
	CON																							
	Estimated Total Project Cost - \$11,325,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																							
OC30. Traffic Signal MaintenanceFacility Congest	DES								1	0	1	70	0	70										LOCAL
	ROW											10	0	10										
	EQP								1	0	1													
	CON							5,000	4,000	1,000														STP FLEXIBLE
	Estimated Total Project Cost - \$5,082,000 -- Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.																							
OC26. Traffic Signal Optimization Congest	Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90																STP FLEXIBLE
	Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo	DES				1,020	816	204																STP FLEXIBLE
Estimated Total Project Cost - \$1,470,000 -- Optimize traffig signal tiing, coordination and implementation plans to reducc vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.																								

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OC11. Traffic Signals at Various Locations Congest Phase 13 - University area, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St Install new traffic signals at University Ave/Coyne St, and at Harding Ave/4th Ave. Modify existing traffic signals at University Ave/Metcalf St (left turn phase), University Ave/Maile Way (left turn phase), Beretania St/Ward Ave (audio ped signal), Beretania/River St (upgrade), and Kapiolani Blvd/Date St (upgrade). Phase 14 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave, Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd Prepare designs for new traffic signals at Harding Ave/7th Ave and Waipahu St/Honowai St. Upgrade traffic signals at Waimano Home Rd/Kuala St, Pacific Hts Rd/Pauoa Rd, and Vineyard Blvd/Pua Ln. Prepare design for flashing school beacon on Alala Rd. Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihao St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihao St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal). Phase 16 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Neho St/Mott-Smith Dr Phase 17 Phase 18 Estimated Total Project Cost - \$18,964,000 -- Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds leftturn phases increases signal visibility, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually by a priority listing.	CON				3,270	2,625	645												STP FLEXIBLE LOCAL			
	EQP	1	0	1																		
	PLN	1	0	1																	LOCAL	
	DES	350	280	70							3,000	2,349	651								STP FLEXIBLE	
	CON																				STP FLEXIBLE	
	EQP										1	0	1								LOCAL	
	PLN																					
	DES					1	0	1														LOCAL
	CON					430	380	50														STP FLEXIBLE
	CON																					STP FLEXIBLE
	EQP														3,060	2,396	664				LOCAL	
	DES														1	0	1					
	DES										350	280	70									STP FLEXIBLE
	CON																	3,316	2,652	664	STP FLEXIBLE	
	EQP																	1	0	1	LOCAL	
	PLN																					
	DES																					
	PLN																					
	DES																					
	CON											1	0	1	1	0	1					LOCAL
CON											450	360	90	364	291	73					STP FLEXIBLE	
CON																					STP FLEXIBLE	
EQP																	4,000	3,349	651	STP FLEXIBLE		
PLN																	1	0	1	LOCAL		
DES																	1	0	1	LOCAL		
DES																	364	291	73	STP FLEXIBLE (decr total project cost)		
Estimated Total Project Cost - \$18,964,000 -- Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds leftturn phases increases signal visibility, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually by a priority listing.																						
OC12. Upgrade Pedestrian Signals at Various Locations, Safety East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30																	LOCAL	
	CON	480	360	120	150	0	150														STP FLEXIBLE	
Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons.																						
OAHU : C&C OF HONOLULU - FHWA TOTAL			39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	50,609	14,393	36,216	51,930	33,161	18,769	67,312	44,386	22,926		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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PROJECT	PHASE	FFY2011 TOTAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) FEDERAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) LOCAL (x\$1000)	FFY2012 TOTAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) FEDERAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) LOCAL (x\$1000)	FFY2013 TOTAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) FEDERAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) LOCAL (x\$1000)	FFY2014 TOTAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) FEDERAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) LOCAL (x\$1000)	FFY2015 TOTAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) FEDERAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) LOCAL (x\$1000)	FFY2016 TOTAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) FEDERAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) LOCAL (x\$1000)	FUND CATEGORY & REMARKS
CITY & COUNTY OF HONOLULU - FTA																				
OC13. Agency Provided Trips Human																				
	OPR										412	206	206							FTA \$5316 JARC Urb
	OPR	230	115	115	422	190	232	426	191	235	495	247	248							FTA \$5317 NF Urb
	OPR										178	89	89	312	156	156	324	162	162	FTA \$5307
Estimated Total Project Cost - \$2,799,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																				
OC14. Bus and Handi-Van Acquisition Program Transit																				
	EQP										16,087	13,000	3,087	48,006	12,006	36,000	20,000	2,000	18,000	FTA \$5307/\$5340
	EQP				9,984	7,987	1,997													FTA \$5307/\$5340 (2011)
	EQP							16,752	12,564	4,188										FTA \$5307/\$5340 (2012)
	EQP										11,229	8,983	2,246							FTA \$5307/\$5340 (2014) (add new funds)
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II
	EQP	2,436	1,949	487	2,500	2,000	500													FTA \$5309 FGM
	EQP							2,500	1,888	612										FTA \$5309 FGM (2008)
	EQP				14,040	12,000	2,040													FTA \$5309 SOGR
	EQP										7,800	5,000	2,800							FTA \$5309 SOGR (2012)
	EQP										0	0	0	1,415	1,132	283	1,471	1,177	294	FTA \$5337 SOGR
	EQP										1,388	1,110	278							FTA \$5337 SOGR (2014) (add new funds)
	EQP										1,308	1,046	262							FTA \$5337 SOGR (2013)
	EQP										4,364	3,491	873	4,720	3,776	944	4,909	3,927	982	FTA \$5339 (2013)
	EQP										4,270	3,416	854							FTA \$5339 (2014) (add new funds)
	INSP	20	18	2	50	45	5													FTA \$5307/\$5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115										LOCAL
Estimated Total Project Cost - \$181,292,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																				
FFY 2011: 8-45' buses																				
FFY 2012: 35<30' vehicles + 13-40' buses																				
FFY 2013: 55<30' vehicles + 112-40' buses																				
FFY 2014: 37-40' buses + 10-60' buses.																				
FFY 2015: 30<30' vehicles + 5-35' buses + 15-40' buses + 10-60' buses																				
FFY 2016: 30<30' vehicles + 5-35' buses + 25-40' buses + 10-60' buses																				
OC27. Bus Stop ADA Access Improvements Transit																				
	PLN							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES							270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON							625	368	257	325	0	325	325	0	325	325	0	325	FTA \$5307/\$5340
	EQP							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	ROW							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
Estimated Project Cost - \$2,692,0000 - To modify bus stops in compliance to the Americans With Disabilities Act (ADA).																				
OC28. Bus Stop Pad Improvements Transit																				
	ROW													10	0	10	10	0	10	LOCAL
	DES							150	0	150	100	0	100	82	0	82	82	0	82	LOCAL
	CON							825	306	519	825	0	825	432	0	432	432	0	432	FTA \$5307/\$5340
Estimated Project Cost - \$2,948,000 - To construct bus pads at various locations to improve bus stops located in poor roadway conditions.																				
OC29. Bus Stop Site Improvements Transit																				
	ROW							1	0	1										LOCAL
	PLN							5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	DES							200	0	200	90	0	90	90	0	90	90	0	90	LOCAL
	CON							625	332	293	405	0	405	405	0	405	405	0	405	FTA \$5307/\$5340
	EQP							1		1	5	0	5	1	0	1	1	0	1	LOCAL
Estimated Project Cost - \$2,339,000 - To improve bus stops, shelters, benches and other improvements at various locations.																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
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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)	
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)	HHCTCP													103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340
	HHCTCP	80,900	30,000	50,900							888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2010)
	HHCTCP							171,875	55,000	116,875										FTA \$5309 NS (2011)
	HHCTCP							698,475	200,000	498,475										FTA \$5309 NS (2012)
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013)
	Estimated Total Project Cost - \$5,163,495,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																			
	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				190	95	95	208	104	104										FTA \$5316 JARC Urb
	OPR										204	102	102	212	106	106	220	110	110	FTA \$5307
	Estimated Total Project Cost - \$1,034,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.																			
OC17. Middle Street Intermodal Center Transit	PLN																1	0	1	LOCAL
	DES	300	0	300										2,500	0	2,500	200	0	200	LOCAL
	CON													1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC
	EQP																1	0	1	LOCAL
	Estimated Total Project Cost - \$34,134,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																			
OC18. Mobility Management Human	OPR	496	397	99	318	254	64	318	254	64	220	176	44							FTA \$5316 JARC Urb
	OPR	100	80	20	54	43	11	54	43	11										FTA \$5317 NF-Urb
	OPR										551	441	110	400	320	80	416	332	84	FTA \$5307
	Estimated Total Project Cost - \$2,927,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
OC19. Preventive Maintenance Transit	OPR				43,080	21,000	22,080	40,034	25,000	15,034	42,595	22,000	20,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340 (revise cost estimates)
	OPR										7,864	4,200	3,664							FTA \$5307/\$5340 (2008)
	OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)
	Estimated Total Project Cost - \$278,013,000 -- 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.																			
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP							413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
	EQP				455	365	90													FTA \$5307/\$5340 (2011)
	EQP							754	364	390										FTA \$5307/\$5340 (2012)
	Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility Transit	PLN										1	0	1	1	0	1	1	0	1	LOCAL
	ROW										1,000	0	1,000	1	0	1	1	0	1	LOCAL
	DES										50	0	50	8,000	0	8,000	1	0	1	LOCAL
	CON													1	0	1	21,500	17,200	4,300	FTA \$5309 BC
	RELOC													1	0	1	1	0	1	LOCAL
	EQP										1,000	0	1,000							LOCAL
	Estimated Total Project Cost - \$31,599,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC23. Windward Transit Center Transit	PLN										1	0	1	1	0	1				LOCAL
	ROW										1	0	1	1	0	1				LOCAL
	DES										200	0	200	200	0	200				LOCAL
	CON										3,000	0	3,000							LOCAL
	INSP										150	0	150	1	0	1				LOCAL
	EQP										1	0	1	1	0	1				LOCAL
	Estimated Total Project Cost - \$3,557,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL		90,447	37,630	52,817	116,790	71,140	45,650	1,759,732	546,744	1,212,988	995,614	313,837	681,777	865,081	251,153	613,928	576,804	281,696	295,108	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			25,520			0			255			17,979			52,133		
NHS (National Highway System)			11,720			7,440			40,850			30,520			64,974			29,538		
BRIDGE OFF-SYSTEM			720			720			800			720			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			160			208			9,050			38,749			40,612		
STP ENHANCEMENT			2,000			0			0			7,216			2,045			2,244		
STP FLEXIBLE			30,859			18,028			22,857			28,665			53,449			43,106		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			0			800			0			1,065			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			0			10,836			2,598			4,043			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			3,000			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			2,277			4,300			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		51,595			52,155			76,638			84,588			187,691			169,200		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			(800)			(5,277)			(5,365)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		51,595			52,155			75,838			79,311			182,326			169,200		

DEPARTMENT OF TRANSPORTATION
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HAWAII: STATE - FHWA																					
HS1. Modern	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakaao 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.																					
HS42. SysPres	Bridge and Pavement Improvement Program, Hawaii	CON				0	0	0	15,414	0	15,414	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
	Akoni Pule Highway (RTE 270) Pavement Preventative Maintenance, Vicinity of Mahukona to Kohala Ranch	CON	5,000	4,000	1,000																
	Hakalau Bridge Footing Repairs (RTE 19)	DES	400	320	80																
	Kohala Mtn Road (Route 250) PPM	CON	3,200	2,560	640																
	Waiaka Jnc. Toward Hawi MP 2.54 to 6.44																				
	Route 190 Resurfacing	CON	5,100	4,080	1,020																
	Makalei to Palani Jnc., MP 27.63 to 35.3																				
	Volcano Road (Route11) PPM	CON	3,600	2,880	720																
	Inbound Lanes of Keaa Bypass to Panaewa Bridge																				
	Akoni Pule Hwy (Route 270) Pavement Preventative Maintenance	CON				2,125	1,700	425													
	Hawi Town to Kaapau Town - MP 21.22 to MP 23.47																				
	Mamalahoo Hwy (Route 11) Pavement Preventative Maintenance	CON				3,375	2,700	675													
	Kaapuna to Kaohe - MP 92.49 - MP 96.5																				
	Volcano Road (Route11) Pavement Preventative Maintenance	CON				6,000	4,800	1,200													
	Keeau to Mountain View - MP 8.6 to MP 13.4																				
	Mamalahoo Highway (RTE 11) Pavement Preventative Maintenance	CON							5,430	4,344	1,086										
	Hawaii Volcano National Park to Kapapala Ranch,																				
	MP 39.5 to MP 45.62																				
	Hawaii Belt Road (Route 19) Resurfacing, Pepeekeo to Hakalau	CON										21,254	1,463	19,791							(add new project that was obligated in FY 2014)
	MP 10.00 to MP 15.00	ADVCON													0	15,540	(15,540)				
Estimated Total Project Cost - \$98,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) unding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they 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												1,020	816	204					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				36,200	28,960	7,240													BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$37,600,000 -- Rehabilitate existing bridge.																					
HS6. SysPres	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	DES				1,160	928	232													BRIDGE ON/OFF SYSTEM
		PREROW				200	160	40													
		ROW												1,112	890	222					
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												6,120	896	5,224					BRIDGE ON/OFF SYSTEM
		ADVCON																	4,000	(4,000)	
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, Kaumoali Bridge Towards Waipunahina Bridge	CON												1,704	1,363	341					NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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)	
HS8.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON																1,515	1,212	303	NHS
Safety	Kealakaha Bridge Towards Kaula Bridge																				
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																				
HS10.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON	1,514	1,211	303																NHS
Safety	Papalele Rd towards Kaunaloa Bridge																				
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaunaloa Bridge.																				
HS11.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON																1,500	1,200	300	NHS
Safety	Kaala Bridge Towards Kealakaha Bridge																				
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																				
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													36,500	12,000	24,500				NHS
Safety	Phase I (Laupahoehoe Gulch)	ADVCON															0	5,000	(5,000)		
	Estimated Total Project Cost - \$36,300,000 -- 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													650	520	130				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 19) Safety Improvements & Resurfacing	CON				2,000	1,800	200													HSIP
Safety	Vic. of Laupahoehoe Gulch to Kaawali Gulch	CON				7,000	5,600	1,400													NHS
	Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches																				
HS16.	Hilo Bayfront Highway (Route 19), Shoreline Protection	DES				1,000	800	200													STP FLEXIBLE
SysPres		PREROW				115	92	23													
		CON													3,500	2,800	700				
	Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																				
HS18.	Kawaihae Road Bypass,	DES													3,400	2,720	680				NHS
Modern	Waimea to Kawaihae, Phase 1 (First 5 miles)	PREROW													104	83	21				
	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), Waiaka Stream Bridge Replacement	DES				1,144	915	229													BRIDGE ON/OFF SYSTEM
SysPres	and Realignment of Approaches	PREROW				50	40	10													
		ROW													2,120	1,696	424				
		CON																10,600	8,480	2,120	
	Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.																				
HS20.	Keaau-Pahoa Road (Route 130) Improvements,	DES				3,000	2,400	600													STP FLEXIBLE
Modern	Keaau to Pahoa	PREROW										0	0	0	104	83	21				(defer & inflate. No DES contract yet)
		ROW																1,900	1,520	380	
	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										4,800	4,320	480							HSIP
Safety	Old Government Road																				
	Estimated Total Project Cost - \$5,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.																				
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				21,500	17,200	4,300													STP FLEXIBLE
Modern	Phase 1: Keaau Bypass to Shower Drive	CON				1,820	1,456	364													HSIP
	Phase 2: Shower Drive Intersection Improvements	CON										0	0	0				1,660	1,328	332	STP FLEXIBLE
		CON										0	0	0				520	468	52	HSIP
	Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.																				(defer & inflate. New scope needed to relocate overhead utility lines)

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)									
HS24. Kealakehe Parkway Extension (Route 197), Modern Keanalehu Drive to Kealakaa Street	DES										0	0	0	806	645	161				STP FLEXIBLE (defer, inflate. EA needs to be re-eval)								
	PREROW													51	41	10												
	ROW																1,100	880	220									
	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.																											
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern	CON																2,700	2,160	540	STP FLEXIBLE								
	Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																											
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres	DES										810	648	162	0	0	0				BRIDGE ON/OFF SYSTEM (advance funds to be used this FY)								
	Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																											
HS44. Mamalahoa Highway (Route 11), Ninole Stream Bridge Replacement SysPres	DES										2,400	1,920	480							BRIDGE ON/OFF SYSTEM (New project)								
	Estimated Total Project Cost - \$11,000,000 -- Replace existing bridges.																											
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety	CON													9,000	7,200	1,800				STP FLEXIBLE								
	Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																											
HS43. Mamalahoa Highway (RTE 190), Safety Improvements Safety MP 3.9 to MP 6.9	DES										250	225	25							HSIP								
	Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																											
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)								
	Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																											
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehuela Ave (Rte 1 Modern) Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	PREROW													50	40	10				STP FLEXIBLE								
	Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																											
HS33. Puainako St (Rte 2000) Widening and Realignment, Modern Kanoelehuela Ave (Rte 11) toKomohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehuela Ave (Rte 11)	PREROW										0	0	0	52	41	11				STP FLEXIBLE (Defer, inflate; Section 106 delays)								
	ROW													5,200	4,160	1,040												
	ROW													1,000	800	200												
	Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																											
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements Congest at Kawaihae Road (Route 19)	ROW										0	0	0	175	140	35				HSIP (Defer, inflate; Section 106 delays)								
	CON										0	0	0	1,215	1,093	122												
Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																												
HS36. Daniel K. Inouye Highway Extension Modern	DES													9,180	2,344	6,836				STP FLEXIBLE (updated name of the route)								
	ADVCON																0	5,000	(5,000)									
Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																												
HS37. Daniel K. Inouye Highway (Route 200) IMPROVEMENTS Modern Saddle-Road-Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11	CON				13,500	13,500	0													TIGER 3 FUNDS (updated name of the route) EARMARK - HIGH PRIORITY/STP FLEXIBLE								
	ROW	4,000	4,000	0																								
	CON							50,000	50,000	0																		
Saddle-Road-Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE (West side is complete. Delete \$20M of Earmark that are not available)								
	CON				20,000	20,000	0																					
	CON							20,000	20,000	0																		
	CON										0	0	0															
	Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																											
HAWAII : STATE - FHWA TOTAL		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,388	8,875	37,513	109,167	63,594	45,573	39,769	31,547	8,222									

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FHWA																					
HC1. Alii Drive (Route 186) Culvert Replacement	SysPres	CON																			
		ADVCON																10,000	1,024	8,976	STP FLEXIBLE
Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																					
HC3. Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	Modern	DES																2,500	2,000	500	STP FLEXIBLE
Phase 1 - Part 1																					
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	SysPres	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																					
HC7. Kaiminani (Route 198) Drive Roadway Improvements	SysPres	DES	10	8	2																STP FLEXIBLE
		CON	8,500	6,800	1,700																
Phase 2 - Ahiahi Street to Ane Keohokalole Hwy.																					
		ADVCON																			
Estimated Total Project Cost - \$23,000,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																					
HC8. Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street	SysPres	CON				14,600	5,000	9,600													STP FLEXIBLE
		ADVCON																			
Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																					
HC9. Kawaiiani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawaiiani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	Congest	CON													12,500	10,000	2,500				STP FLEXIBLE
Phase 2																					
Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiiani/Iwalani and Kawaiiani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																					
HC10. Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway	Modern	DES																1,500	1,200	300	STP FLEXIBLE
Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																					
HC17. Mamalahoa Highway Safety Improvements (Holualoa)	Safety	DES							100	80	20										STP FLEXIBLE
		PREROW							50	40	10										
Estimated Total Project Cost - \$2,500,000 -- Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements																					
HC11. Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	Modern	PLN				10	8	2													NHS
		DES											800	640	160						
		CON																8,000	6,400	1,600	
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.																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HC15. Manono Street (Route 2770) Roadway Improvements SysPres Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																STP FLEXIBLE
	ROW				520	416	104													
	CON										5,000	4,000	1,000							
	<i>Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements</i>																			
HC12. Reed's Island Bridge Rehabilitation SysPres	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM
	<i>Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.</i>																			
HC18. Waianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	PLN							350	280	70										STP FLEXIBLE
	DES													51	41	10				
	ROW													250	200	50				
	<i>Estimated Total Project Cost - \$8,100,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.</i>																			
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	1,213	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396	

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COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility Transit	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm)
Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																				
HC14. Rural Transportation Program Transit	EQP/OPR	844	675	169	1,160	600	560	1,069	855	214	2,000	1,000	1,000	1,290	1,030	260	1,325	1,060	265	FTA SECTION 5311
Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.																				
HC16. State of Good Repair Transit	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus
	EQP/OPR				2,750	2,200	550	1,500	1,200	300										Facilities Discretionary (SGR)
Estimated Total Project Cost - \$9,250,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
HC20. Transportation Assistance for Elderly and Disabled Human	EQP							250	200	50										FTA SECTION 5310
Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			1,211			5,698			4,344			2,103			33,554			13,812		
BRIDGE OFF-SYSTEM			4,080			80			80			80			80			80		
BRIDGE ON/OFF SYSTEM			320			31,003			0			2,568			3,482			12,480		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			24,568			35,108			12,920			9,289			34,467			15,112		
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			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,250			3,256			0			4,545			1,233			468		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
			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		32,728			116,444			87,643			18,884			73,115			42,251		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(41,000)			(70,000)			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,728			75,444			17,643			18,884			73,115			42,251		

DEPARTMENT OF TRANSPORTATION
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FHWA																				
MS36. Bridge and Pavement Improvement Program, Maui	CON																			
SysPres Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																
Kula Hwy to Haleakala Crater Road Jnc.																				
Haleakala Crater Road (Route 378)	CON	1,300	1,040	260																
MP 0.0 to 2.0																				
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																
Kula Hwy (Route 37) Resurfacing	CON	3,200	2,560	640																
Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND Honoapiilani Hwy (Route 30) Resurfacing, Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67																				
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance	CON				2,650	320	2,330													
Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	ADVCON							0	1,800	(1,800)										
Kuihelani Hwy (RTE 380) PPM, Puunene Ave to Honoapiilani Hwy & Honoapiilani Hwy (RTE 30) PPM, Kuihelani Hwy to Kapoli	CON							3,500	2,800	700										
Maunaloa Hwy (RTE 460) Resurfacing	CON							2,000	1,600	400										
Mahana to Maunaloa Village																				
Kekaulike Ave (RTE 377) Resurfacing, Haleakala Crater Rd to Kula Hwy, MP 6.03 to MP 9.17	CON										3,700	2,960	740							
Mokulele Hwy (RTE 311) PPM, Kuihelani Ave to Humane Society MP 0 to MP 2.00	CON										4,500	3,600	900							
Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available																				
MS1. Guardrail and Shoulder Improvement Program																				
Safety at Various Locations, Maui																				
Part 1 - Honoapiilani Hwy (Route 30)	CON										1,430	1,144	286							
Part 2	CON													1,000	800	200				
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																				
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																
Enhance Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																				
MS37. Hana Highway Historic Bridge Preservation Plan	PLN							1,500	1,200	300										
SysPres Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON													1,530	1,224	306				
Enhance Dairy Road (Route 380) to Naniloa Overpass																				
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW													121	97	24				
Modern	CON																6,760	5,408	1,352	
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW										0	0	0	840	672	168				
SysPres	CON																5,400	4,320	1,080	
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay																				
(defer & inflate ROW. Env Assessment will not be ready in FFY2014.)																				

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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)	
MS7. Modern	Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES										50	40	10	0	0	0				NHS (Advance DES; to begin work on procurement documents)
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							910	819	91										
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.																					
MS38. Safety	Honoapiilani Highway (Route 30), Safety Improvements Ukumehame to Olowalu	DES										200	180	20							HSIP
Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																					
MS8. Safety	Honoapiilani Highway (Route 30) Safety Improvements, Vicinity of Kapoli Street to Papalaua Beach Park	CON										3,110	2,799	311							HSIP
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										0	0	0	3,245	2,596	649				NHS (defer and inflate. ROW will not be procured in time for 2014 CON)
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																					
MS9. Modern	Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES PREROW	500	400	100				50	40	10										
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																					
MS11. Modern	Kahului Airport Access Road (Route 3800)	CON ADVCON				37,950	2,700	35,250				0	27,660	(27,660)							NHS
Estimated Total Project Cost - \$40,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.																					
MS12. SysPres	Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay (#1)	CON													1,975	1,580	395				STP FLEXIBLE
Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																					
MS14. Enhance	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	
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. SysPres	North Kihei Road (Route 310), Shoreline Protection, Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																					
MS16. Modern	Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES PREROW													3,375	2,700	675				STP FLEXIBLE
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.															102	81	21				
MS35. Modern	Piilani Highway, Traffic Operational Improvements at Ohukai Road	CON							1,515	1,212	303										NHS
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. Modern	Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) to Kuihelani Highway (Route 380)	PREROW ROW CON													34	26	8				STP FLEXIBLE
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.															153	122	31				
MS19. SysPres	Waiehu Beach Road (Route 3400), Bridge Rehabilitation Iao Stream Bridge	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM
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										0	0	0				795	636	159	(defer & inflate, scoping project now)
Part 3	CON													0	0	0				(delete Part 3; not needed)
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																				
MS22. SysPres Kamehameha V Highway (Route 450), Bridge Replacement	CON													4,293	3,435	858				BRIDGE ON/OFF SYSTEM
Makakupaia Stream Bridge																				
Estimated Total Project Cost - \$5,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards																				
MAUI : STATE - FHWA TOTAL		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	33,939	11,082	22,857	43,317	18,252	25,065	40,369	15,895	24,474	

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

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC50. SysPres	Baldwin Avenue (RTE 390) Resurfacing, Ph 1																			STP FLEXIBLE (Update cost estimate)
	Phase 1 - Makawao Ave to Haliimaile Road	CON																		
	Phase 2 - Haliimaile Road to Hana Hwy.	DES						200	0	200				1,828	1,462	366				
		CON															4,800	3,600	1,200	
Estimated Total Project Cost - \$8,000,000 - Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles																				
MC41. SysPres	Bridge and Pavement Improvement Program, Maui (County)																			IM / NHS / STP FLEXIBLE
	Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600															
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. SysPres	Bridge Inspection and Appraisal	PLN							300	240	60					300	240	60		BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4. SysPres	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420															STP FLEXIBLE HSIP-HRRR
	Haleakala Highway to Baldwin Avenue	CON	500	450	50															
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC42. SysPres	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON			2,100	1,680	420													STP FLEXIBLE HSIP-HRRR
	Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON			400	360	40													
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																				
MC5. SysPres	Hansen Road (Route 3600) Pavement Reconstruction,	DES			500	0	500													LOCAL LOCAL STP FLEXIBLE (Update cost estimate)
	Hana Highway to Puunene Avenue	ROW			200	0	200													
		CON											6,398	4,638	1,760					
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. SysPres	Hina Avenue (Route 3930) Pavement Reconstruction,	DES			700	0	700													LOCAL STP FLEXIBLE
	Wakea Avenue to Ani Street AND	CON			4,500	3,600	900													
	Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Papa Avenue (MC9)																			
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																				
MC58. SysPres	Iao Stream Bridge Repairs, Iao Valley Road (RTE 3200)	DES										250	0	250						STP FLEXIBLE
		CON													2,550	1,800	750			
Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.																				
MC43. SysPres	Kahananui Bridge Replacement	DES			200	0	200													LOCAL BRIDGE OFF-SYSTEM
	(Lower Honoapiilani Road - RTE 3080)	CON													3,539	2,519	1,020			
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				
MC7. SysPres	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON													4,437	3,060	1,377		BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8. SysPres	Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800															STP FLEXIBLE
	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. SysPres	Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840															BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10. Congest	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES			250	0	250													LOCAL STP FLEXIBLE
		CON						675	540	135										
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																				
MC59. SysPres	Kokomo Road (RTE 366) and Makawao Avenue (RTE 365)	DES						300	0	300										STP FLEXIBLE (Update cost estimate)
	Pavement Rehabilitation, Hanamalia Place to Piihola Road	CON									7,309	5,607	1,702							
Estimated Total Project Cost - \$5,450,000 -- Resurface pavement on Kokomo Road and Makawao Avenue from Hanamalia Place to Piihola Road. Improvements may include pavement striping and marking, signage and utility adjustments. Approx length = 4.0 miles																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100													LOCAL	
SysPres		CON																6,120	4,488	1,632	BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$6,300,000 -- 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													3,621	2,897	724				BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																						
MC39.	Lahaina Watershed Flood Control Project, Phase 2	CON	3,968	3,968	0																EARMARK (Section 117)	
SysPres	Phase 2	CON	2,032	2,032	0																NRCS	
	Phase 3A	DES				80	80	0													EARMARK (Section 117)	
		CON							2,600	2,200	400										EARMARK (Section 117)	
Estimated Total Project Cost - \$8,600,000 -- PH 2 - Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean. PH-3A continuation of improvements for another 1000' from the end of phase 2 to Kauaula Stream.																						
MC15.	Lelekea Bridge Replacement (Hana Highway - Route 360)	DES				500	0	500													LOCAL	
SysPres		CON																3,994	3,195	799	BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																						
MC52	Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2	DES							40	32	8										STP FLEXIBLE	
SysPres	Laau Street to Makalii Street	CON											1,911	1,529	382						(Update cost estimate)	
Estimated Total Project Cost - \$925,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.																						
MC18.	Lower Honoapiilani Road (Route 3080) Improvements,	ROW				1,000	0	1,000													LOCAL	
SysPres	Hoohui Road to Napilihau Road																				STP FLEXIBLE	
Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																						
MC21.	Makani Road (Route 3630) Resurfacing,	CON	2,000	1,600	400																STP FLEXIBLE	
SysPres	Haleakala Highway to Kalama Intermediate School																					
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	ROW	1,000	0	1,000																LOCAL	
SysPres	Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	CON																1,300	1,040	260	STP FLEXIBLE	
Estimated Total Project Cost - \$2,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																						
MC25.	Mill Street (Route 3840) Traffic Signal at Imi Kala Street	DES							200	0	200										LOCAL	
Congest		ROW										500	0	500							LOCAL	
		CON																730	584	146	STP FLEXIBLE	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																						
MC53	Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf.	CON										0	0	0	4,409	3,527	882				STP FLEXIBLE	
SysPres	Aeloa Rd - Makawao Ave. & Old Haleakala Hwy. to Haleakala Bypass																				(defer & incr, waiting on NPDES permit and utility review)	
Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. total length = 1.7 miles.																						
MC44.	Papa Avenue (RTE 3910) Pavement Reconstruction,	DES							250	0	250										STP FLEXIBLE	
SysPres	Puunene Avenue to Kaahumanu Avenue	CON							8,700	6,320	2,380											
Estimated Total Project Cost - \$9,000,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																						
MC27.	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue	DES				200	0	200													LOCAL	
Congest	(Route 3930)	CON																877	702	175	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,	DES	200	0	200																LOCAL	
SysPres	Old Haleakala Highway to Iolani Street	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.																						

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC45. SysPres South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE	
	CON							3,600	2,600	1,000											
	Estimated Total Project Cost - \$3,750,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.																				
MC46. Congest South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue	DES				90	8	82													STP FLEXIBLE	
	CON																				
	Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.																				
MC31. Congest Waiale Road (Route 3180) Traffic Signals at Wainu Road	DES				150	0	150													LOCAL STP FLEXIBLE	
	CON												810	648	162						
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MC32. SysPres Waiko Road Improvements, Kuihelani Highway to Waiale Road	DES				500	0	500													LOCAL STP FLEXIBLE	
	CON																3,862	2,652	1,210		
	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. SysPres Waiohonu Bridge Replacement (Hana Highway - Route 360)	DES	50	0	50																LOCAL BRIDGE OFF-SYSTEM	
	CON	4,100	2,800	1,300																	
	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC34. Enhance Waipuilani Bikepath	DES	300	0	300																STP ENHANCEMENT	
	CON																1,730	1,384	346		
	Estimated Total Project Cost - \$2,000,000 -- Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.																				
MC54. SysPres Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr. (Rte 3137) Pavmnt Rehab. Okolani Dr. to Wailea Ike Dr. & Piilani Hwy to Wailea Alanui Dr.	CON										5,914	4,331	1,583							STP FLEXIBLE (Update cost estimate)	
	Estimated Total Project Cost - \$4,340,000 -- Rehabilitation pavement on Wailea Alanui Drive and Wailea Ike Drive from Okolani Drive to Wailea Ike Drive and Piilani Hightway to Wailea Alanui Drive. Includes pavement striping and marking, signage and safety improvements. Approx 1.4 miles.																				
MC60. Congest Wakea Ave. (RTE 3920) and Kamehameha Avenue (RTE 3940) Traffic Signal Upgrade	DES										50	40	10							STP FLEXIBLE	
	CON													1,000	800	200					
	Estimated Total Project Cost - \$1,050,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, and drainage improvements.																				
MC51. SysPres Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	CON							3,125	2,500	625										STP FLEXIBLE	
	Estimated Total Project Cost - \$3,500,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.																				
MC47. SysPres Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue	DES				100	0	100													STP FLEXIBLE	
	CON				3,000	2,400	600														
	Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.																				
MC35. Congest Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	DES				110	8	102													STP FLEXIBLE (Update cost estimate)	
	CON										708	566	142								
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	24,868	18,173	6,695	25,466	19,091	6,375	18,613	14,045	4,568	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																					
MC36. Bus and Bus Facility (Rural)	Transit	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm)
			Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																		
MC37. Rural Transportation Program	Transit	OPR	844	675	169	1,510	600	910	1,038	830	208	3,875	500	3,375	645	515	130	665	530	135	FTA SECTION 5311
			Estimated Total Project Cost - \$6,696,000 -- Operate public transit system.																		
MC40. Bus and Bus Facility (Small Urban)	Transit	EQP/OPR	1,842	1,473	369							420	335	85	430	345	85	445	355	90	FTA SECTION 5339 (Small Urban)
		CON	375	300	75																
			Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and operation of the bus system.																		
MC48. Veterans Transportation and Community Living Initiative	Transit	EQP/OPR				297	236	61													FTA SECTION 5309
			Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																		
MC49. State of Good Repair	Transit	EQP/OPR				2,225	1,780	445	1,250	1,000	250										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
			Estimated Total Project Cost - \$3,475,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																		
MC55. Urbanized Area	Transit	EQP/OPR							1,275	1,020	255	1,275	1,020	255	1,313	1,050	263	1,350	1,080	270	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
			Estimated Total Project Cost - \$5,335,000 -- Capital purchases, operating costs & planning																		
MC56. Livability	Transit	CON							1,000	800	200										FTA SECTION 5309 Bus & Bus Facilities Discretionary - Livability
			Estimated Total Project Cost - \$1,000,000 -- Construct Bus Stops at various locations. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are to be utilized in support of the program goal. The goal of the program is to invest in projects that increase transportation options, provide access to jobs and affordable housing, encourage economic development, and improve accessibility to transportation for the public.																		
			The program funds capital expenses for projects ranging from intermodal facilities, to sustainability oriented buses, to bicycle infrastructure and more.																		
MC57. Transportation Assistance for Elderly and Disabled	Human	EQP							250	200	50	350	280	70	365	290	75	375	300	75	FTA SECTION 5310
			Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.																		
MAUI : COUNTY OF MAUI - FTA TOTAL			3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	6,070	2,255	3,815	2,908	2,325	583	3,000	2,395	605	

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FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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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		0		
NHS (National Highway System)			400			2,700			31,712			3,640		2,693			5,408			
BRIDGE OFF-SYSTEM			6,160			0			240			0		8,716			7,683			
BRIDGE ON/OFF SYSTEM			0			5,408			1,200			0		4,107			4,320			
STP ENHANCEMENT			250			0			0			0		1,224			1,384			
STP FLEXIBLE			24,648			8,016			15,392			22,277		20,244			10,786			
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0		0			0			
EQUITY BONUS			0			0			0			0		0			0			
DEFENSE ACCESS ROAD FUNDS			0			0			0			0		0			0			
PUBLIC LANDS DISCRETIONARY			0			0			0			0		0			0			
NATIONAL RECREATIONAL TRAILS			359			359			359			359		359			359			
EARMARK - HIGH PRIORITY			0			0			0			0		0			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0		0			0			
EARMARK - SECTION 112			0			0			0			0		0			0			
EARMARK - SECTION 115			0			0			0			0		0			0			
EARMARK - SECTION 117			3,968			80			2,200			80		0			0			
FLHD - Federal Lands Highway Discretionary			0			0			0			0		0			0			
SECTION 1404 - (Safe Routes to School)			0			0			0			0		0			0			
HSIP- Highway Safety Improvement Program			450			360			819			2,979		0			0			
NRCS - National Resources Conservation Service			2,032			0			0			0		0			0			
			0			0			0			0		0			0			
			0			0			0			0		0			0			
FTA TRANSFER FUNDS			0			0			0			0		0			0			
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0		0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0		0			0			
SUBTOTAL			38,267			16,923			51,922			29,255		37,343			29,940			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			(80)			(2,200)			0		0			0			
LESS FTA TRANSFER FUNDS			0			0			0			0		0			0			
			0			0			0			0		0			0			
REGULAR FORMULA AUTHORITY		TOTAL	32,267			16,843			49,722			29,255		37,343			29,940			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
KAUAI : STATE - FHWA																					
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	11,300	0	11,300	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE	
SysPres Kapule Hwy (Route 51) Resurfacing (UTW) Ahukini Road to Kuhio Hwy	CON	6,500	5,200	1,300																	
Kaumualii Hwy (Route 50) Resurfacing Kipu Rd to Huleia Bridge	CON	2,200	1,760	440																	
Waimea Canyon Drive/ Kokee Road (RTE 550) Resurfacing MP 6.0 to MP 8.5								3,500	2,800	700											
Kaumualii Hwy (Route 50) PPM, Phase 1, MP 8.92 to MP 21.35 Koloa Rd to Vic of Huleia Bridge	CON										8,600	6,880	1,720							add project that was obligated in FFY 2014	
Kaumualii Hwy (Route 50) PPM, Phase 2, MP 17.02 to MP 20.33 Waimea River Bridge to Lele Rd	CON										8,700	5,300	3,400							add project that was obligated in FFY 2014	
Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available																					
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE	
Safety Part 1	DES	100	80	20																	
	CON							625	500	125											
Part 2	DES							100	80	20											
	CON										0	0	0	1,020	816	204				(Defer inflate; environmental permits still needed)	
Part 3	DES													100	80	20					
	CON																1,000	800	200		
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																					
KS26. Kapaa Roundabout Beautification	CON				22	17	5													STP ENHANCEMENT	
Enhance																					
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																					
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES				1,007	806	201													BRIDGE ON/OFF SYSTEM	
SysPres	PREROW							110	88	22											
	ROW													803	643	160					
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. Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	DES										530	424	106							BRIDGE ON/OFF SYSTEM	
SysPres	ROW													65	52	13					
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																					
KS27. Kaumualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	DES										1,040	832	208							BRIDGE ON/OFF SYSTEM	
SysPres																					
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																					
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW										0	0	0	108	85	23				BRIDGE ON/OFF SYSTEM (defer & inflate) (ROW maps are not available yet)	
SysPres	CON													7,350	5,880	1,470					
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																					
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON																18,400	7,000	11,400	STP FLEXIBLE	
Modern	ADVCON																				
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																					
KS11. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW													790	632	158				BRIDGE ON/OFF SYSTEM	
SysPres	CON																10,710	8,568	2,142		
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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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)	
KS30. SysPres	Kuhio Highway (Route 560), Bridge Replacement Wainiha Stream Bridges No. 1, No. 2 & No. 3	DES										3,600	2,880	720							BRIDGE ON/OFF SYSTEM (New project)
Estimated Total Project Cost - \$23,000,000 -- Replace existing bridges.																					
KS13. SysPres	Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM
		PREROW				112	90	22							584	467	117				
		ROW																8,670	1,020	7,650	
		CON																			
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																					
KS29. SysPres	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON										0	0	0	12,240	1,632	10,608				STP FLEXIBLE
		ADVCON													0	0	0	0	8,160	(8,160)	(defer, inflate; still working on getting construction easement)
Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																					
KS16. Modern	Kuhio Highway (Route 56) Improvements, 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																			NHS
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																					
KS17. Safety	Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON							1,250	1,000	250										HSIP - HRRR
Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arking and signing.																					
KS20. Safety	Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES										1,060	848	212							BRIDGE-ON SYSTEM
		ROW													520	416	104				
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.																					
KS22. Safety	Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																					
KS23. Enhance	National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.																					
KS28. SysPres	Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	1,000	9,000													STP FLEXIBLE
		ADVCON											7,000	(7,000)							
Estimated Total Project Cost - \$10,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.																					
KAUAI : STATE - FHWA TOTAL			10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	42,844	30,015	12,829	35,894	10,954	24,940	51,094	25,799	25,295	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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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 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												250	250	0						STP ENHANCEMENT (decr DES)
	PREROW												250	250	0						(add PREROW phase)
	CON												0	0	0			7,280	7,280	0	(Defer, incr CON to reflect current estimate; environmental clearance is still pending)
Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																					
KC2. Bridge Inspection and Appraisal SysPres	PLN/DES	125	100	25					125	100	25										BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.																					
KC3. Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement SysPres	DES	75	60	15																	BRIDGE OFF-SYSTEM
	CON				800	640	160														
Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																					
KC4. Hardy Street (Route 572) Improvements Safety	ADVCON				7,000	3,150	3,850			2,450	(2,450)										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	DES				20	16	4														BRIDGE OFF-SYSTEM
	CON				312	250	62														
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																					
KC6. Kamalu Road (Route 581) Bridge Replacement SysPres	PLN																				BRIDGE OFF-SYSTEM
	DES													400	320	80					
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																					
KC7. Kapahi Bridge Replacement SysPres	CON											2,000	1,600	400							BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																					
KC20. Koloa Road Safety Guardrail and Safety Improvements Safety	DES	150	135	15																	HRRR (High Risk Rural Road)
	CON											1,500	1,350	150							
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																					
KC9. Lydgate Park to Kapaa Bike/Pedestrian Path Enhance (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A-1, Kawaihau Elevated Boardwalk, Papaloo Rd to Uhelekawawa Canal																					STP ENHANCEMENT
	CON											1,750	1,750	0							(add new phase which was originally part of Phase A)
	Phase B	6,700	6,700	0																	
	Phase C & D																				
	PLN				21	21	0														
	DES				104	104	0														
	ROW											750	750	0							(incr ROW by \$480K)
	CON											0	0	0	1,621	1,621	0				(Defer, inflate CON; environmental clearance is still pending)
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 Papaloo Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy& continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloo Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																					
KC18. Maluhia Road (Route 520) Improvements Modern	DES													1,200	960	240					STP FLEXIBLE
	ROW																				
	CON																				
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunuaali 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.																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
Revision Effective Date: June 13, 2014

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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)				
KC10. Enhance (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A																				STP ENHANCEMENT	
	DES																860	860	0		
	ROW																220	220	0		
	Phase B	DES															1,060	1,060	0		
		Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																			
KC11. Modern Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	DES	2,000	1,600	400																STP FLEXIBLE	
		Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																			
KC13. SysPres Puhi Road (Route 5010) Rehabilitation	CON										3,000	2,400	600							STP FLEXIBLE (incr estimate by \$600K)	
	Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using PCC. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 mile to the Kaneka St. - Puhi Road intersection.																				
KC14. SysPres Puuopae Bridge Replacement	CON													3,000	2,400	600				BRIDGE OFF-SYSTEM	
		Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																			
KC15. SysPres Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary	DES	160	128	32																STP FLEXIBLE	
		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.																			
KC23. SysPres Resurfacing of Collector Roads, Various Locations	CON										3,850	3,080	770							STIP FLEXIBLE (incr estimate by \$1.55M)	
		Estimated Total Project Cost - \$3,000,000 -- Reconstructing weaken pavement areas, resurfacing and replacing pavement markers, striping and traffic signs for the following- Anahola Rd (RTE 566) - MP 0 - 0.75; Mallihuna Rd (RTE 5870) - MP 0 - 0.6; Hauala Rd (RTE 5865) - MP 0 - 1.1; Olohena Rd. (RTE 581) - MP 0 - .6; Moi Rd. (RTE 543) - MP 0 - 0.75.																			
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	13,350	11,430	1,920	6,221	5,301	920	9,420	9,420	0	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																					
KC16. Transit Bus and Bus Facility	EQP/OPR	819	655	164					519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.</i>																					
KC17. Transit Rural Transportation Program	OPR EQP	717 127	574 101	143 26	1,125 130	600 104	525 26	882 156	705 125	177 31	2,000	1,000	1,000	1,095 195	875 155	220 40	1,125 200	900 160	225 40	FTA SECTION 5311 FTA SECTION 5311	
<i>Estimated Total Project Cost - \$6,441,000 -- Operate public transit system.</i>																					
KC21. Transit State of Good Repair	EQP/OPR				2,376	1,900	476	1,550	1,240	310										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)	
<i>Estimated Total Project Cost - \$3,926,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																					
KC22. Human Transportation Assistance for Elderly and Disabled	EQP								250	200	50									FTA SECTION 5310	
<i>Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																					
KAUAI : COUNTY OF KAUAI - FTA TOTAL			1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			5,200			0			0			0			0			0		
BRIDGE OFF-SYSTEM			160			906			100			1,600			2,720			0		
BRIDGE ON/OFF SYSTEM			0			2,471			88			4,984			8,175			9,588		
STP ENHANCEMENT			6,700			142			0			3,000			1,621			9,420		
STP FLEXIBLE			4,434			4,150			5,830			24,660			3,488			15,960		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			0			1,000			1,350			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			16,880			7,920			7,269			41,445			16,255			35,219		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	16,880			7,920			7,269			35,845			16,255			35,219		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T REVISION #18
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)
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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)	
FTA SUMMARY																				
STATEWIDE		1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	755	673	82	1,222	917	305	810	721	89	
OAHU, STATE		319	255	64	260	130	130	1,247	886	361	869	695	174	916	720	196	931	745	186	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	1,759,732	546,744	1,212,988	995,614	313,837	681,777	865,081	251,153	613,928	576,804	281,696	295,108	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	11,470	9,175	2,295	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	6,070	2,255	3,815	2,908	2,325	583	3,000	2,395	605	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	1,792,294	572,566	1,219,728	1,019,778	329,435	690,343	873,747	258,005	615,742	585,275	288,537	296,738	

DEPARTMENT OF TRANSPORTATION
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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		41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,260	14,454	31,806	49,781	17,101	32,680	44,807	12,882	31,925	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	136,585	70,195	66,390	252,047	154,530	97,517	163,539	124,814	38,725	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	50,609	14,393	36,216	51,930	33,161	18,769	67,312	44,386	22,926	
ISLAND OF OAHU		83,400	51,595	31,805	79,316	52,155	27,161	125,812	76,638	49,174	187,194	84,588	102,606	303,977	187,691	116,286	230,851	169,200	61,651	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,388	8,875	37,513	109,167	63,594	45,573	39,769	31,547	8,222	
County of Hawaii		13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	1,213	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396	
ISLAND OF HAWAII		39,548	32,728	6,820	143,405	116,444	26,961	105,431	87,643	17,788	52,288	18,884	33,404	122,068	73,915	48,153	61,869	42,251	19,618	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	33,939	11,082	22,857	43,317	18,252	25,065	40,369	15,895	24,474	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	24,868	18,173	6,695	25,466	19,091	6,375	18,613	14,045	4,568	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	49,314	51,922	(2,608)	58,807	29,255	29,552	68,783	37,343	31,440	58,982	29,940	29,042	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	42,844	30,015	12,829	35,894	10,954	24,940	51,094	25,799	25,295	
County of Kauai		9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	13,350	11,430	1,920	6,221	5,301	920	9,420	9,420	0	
ISLAND OF KAUAI		19,406	16,880	2,526	28,681	7,920	20,761	17,324	7,269	10,055	56,194	41,445	14,749	42,115	16,255	25,860	60,514	35,219	25,295	
FHWA TOTAL		233,180	149,900	83,280	356,829	204,694	152,135	340,411	234,772	105,639	400,743	188,626	212,117	586,724	332,305	254,419	457,023	289,492	167,531	

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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			25,520			0			255			17,979			52,133		
NHS (National Highway System)			18,531			15,838			76,906			36,263			101,221			48,758		
BRIDGE OFF-SYSTEM			11,120			1,706			1,220			2,400			12,316			9,043		
BRIDGE ON/OFF SYSTEM			6,650			41,442			5,336			19,002			56,913			69,400		
STP ENHANCEMENT			8,950			142			0			10,216			4,890			13,048		
STP FLEXIBLE			86,839			68,754			57,829			88,545			119,719			88,816		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
EARMARK - HIGH PRIORITY			0			20,000			70,800			5,600			1,865			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			400			1,000			1,000		
HSIP- Highway Safety Improvement Program			5,314			4,016			13,285			14,472			5,906			1,098		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			3,000			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			2,277			4,300			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		149,900			204,694			234,772			188,626			332,305			289,492		
LESS FTA TRANSFER FUNDS			(11,000)			(46,080)			(78,000)			(15,877)			(11,165)			(5,000)		
REGULAR FORMULA AUTHORITY	TOTAL		138,900			158,614			156,772			172,749			321,140			284,492		