

**DEPARTMENT OF TRANSPORTATION**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #1**  
**Revision Effective Date: December 18, 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	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>STATEWIDE - FHWA</b>																				
S1. Bikeway Improvements at Various Locations, Statewide <b>Enhance</b>	DES							300	240	60				300	240	60				STP FLEXIBLE
	ROW	51	41	10							50	0	50				50	0	50	
	CON				2,000	1,600	400				500	400	100				500	400	100	
<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. Bridge Inspection and Appraisal <b>SysPres</b>	PLN	3,100	2,480	620	3,100	2,480	620	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3. Construction Career Days Workforce Development Program <b>Human</b>	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																				
S23. Highway Program Peer Exchange (HDOT-CFL) <b>SysPres</b>	PLN	610	488	122																STP FLEXIBLE (New Project)
<i>Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will developed, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																				
S4. Highway Research and Development Program <b>SysPres</b>	PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program.</i>																				
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program <b>Safety</b>	PLN/DES	2,500	2,430	70	700	630	70	700	630	70	700	630	70	700	630	70	700	630	70	HSIP <i>(Increased non- infra budget by \$1.8M using 100% HSIP penalty funds)</i>
<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 <b>SysPres</b>	DES										200	160	40				200	160	40	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. Pedestrian Facilities and ADA Compliance at Various Locations <b>Enhance</b>	DES	0	0	0				208	166	42	200	160	40							STP FLEXIBLE <i>(A current state funded contract will initial improvements)</i>
	CON							0	0	0				1,040	832	208	1,000	800	200	
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S8. Federal Lands Highway Access Discretionary Program <b>Modern</b>	DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY 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>																				
S9. Safe Routes to School (SRTS) Program <b>Safety</b>	Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL
	PrvDs/Co	1,100	1,100	0	1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	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>																				
S10. SNIPP - Statewide Noxious Invasive Pest Program <b>Enhance</b>	OPR	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>																				
S11. Statewide Highway Lighting and Traffic Signal Upgrade Program <b>Safety</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																				
S12. Statewide Signing, Striping and Pavement Marking Program <b>SysPres</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
S13. Statewide Guardrail and Shoulder Improvement Program <b>SysPres</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S14. Structural Countermeasures for Scour Critical Bridges <b>SysPres</b>	CON				3,000	0	3,000				3,000	0	3,000							LOCAL
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																				
S15. Technology Transfer and Technical Assistance Program <b>Modern</b>	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				
S16. Traffic Counting Stations, Various Locations <b>Modern</b>	CON				3,700	2,960	740													STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.</i>																				
<b>STATEWIDE - FHWA TOTAL</b>		<b>42,007</b>	<b>10,355</b>	<b>31,652</b>	<b>48,572</b>	<b>12,887</b>	<b>35,685</b>	<b>37,403</b>	<b>6,331</b>	<b>31,072</b>	<b>40,945</b>	<b>6,745</b>	<b>34,200</b>	<b>39,585</b>	<b>6,347</b>	<b>33,238</b>	<b>37,245</b>	<b>5,885</b>	<b>31,360</b>	

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<b>STATEWIDE - FTA</b>																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
<b>STATEWIDE - FTA TOTAL</b>		<b>869</b>	<b>697</b>	<b>172</b>	<b>900</b>	<b>721</b>	<b>179</b>	<b>927</b>	<b>743</b>	<b>184</b>	<b>955</b>	<b>765</b>	<b>190</b>	<b>983</b>	<b>787</b>	<b>196</b>	<b>1,013</b>	<b>811</b>	<b>202</b>	

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<b>FUNDING CATEGORY SUMMARY - STATEWIDE</b>																				
NHPP (National Highway Performance Program)			2,480			2,480			2,800				2,800				2,800			2,800
BRIDGE OFF-SYSTEM			0			0			0				0				0			0
STP ENHANCEMENT			0			0			0				0				0			0
STP FLEXIBLE			3,880			8,012			1,236				1,550				1,902			2,190
SECTION 1404 - (Safe Routes to School)			1,300			1,500			1,400				1,500				750			0
HSIP (Highway Safety Improvement Program)			2,430			630			630				630				630			630
NATIONAL RECREATIONAL TRAILS			0			0			0				0				0			0
CMAQ (Congestion Mitigation Air Quality)			0			0			0				0				0			0
FTA TRANSFER FUNDS			0			0			0				0				0			0
EQUITY BONUS			0			0			0				0				0			0
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			0			0			0				0				0			0
FLHD (Federal Lands Highway Discretionary)			265			265			265				265				265			265
NRCS (National Resources Conservation Service)			0			0			0				0				0			0
DISCRETIONARY			0			0			0				0				0			0
H-3 DISCRETIONARY			0			0			0				0				0			0
IMD (NHPP Discretionary)			0			0			0				0				0			0
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0				0				0			0
	SUBTOTAL		10,355			12,887			6,331				6,745				6,347			5,885
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)			(265)			(265)				(265)				(265)			(265)
LESS FTA TRANSFER FUNDS			0			0			0				0				0			0
			0			0			0				0				0			0
REGULAR FORMULA AUTHORITY	TOTAL		10,090			12,622			6,066				6,480				6,082			5,620

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<b>OAHO: STATE - FHWA</b>																						
OS1. <b>SysPres</b>	Bridge and Pavement Improvement Program, Oahu	CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL	
<i>Estimated Total Project Cost - \$237,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. 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: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																						
OS2. <b>SysPres</b>	Farrington Highway (Route 93), Bridge Rehabilitation Ulehawa Stream Bridge	ROW CON							585 468		117				8,405	6,724	1,681				NHPP	
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																						
OS3. <b>SysPres</b>	Farrington Highway (Route 93), Bridge Replacement Maipalaoa Bridge	CON ADVCON	13,500	4,800	8,700		6,000	(6,000)													NHPP	
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																						
OS4. <b>SysPres</b>	Farrington Highway (Route 93), Bridge Replacement Makaha Bridges #3 & #3A	ROW CON ADVCON	1,100	880	220																NHPP  106 and 4(f) will delay CatEx until May 2015. ROW will take 2 years to complete.	
<i>Estimated Total Project Cost - \$20,200,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																						
OS5. <b>Congest</b>	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)																Refined phasing and schedule	
	Phase 2A--Part 4- 1C Part 3 Phase 2A	CON CON ADVCON	5,000	4,000	1,000				10,000	4,000	6,000		0	4,000	(4,000)							
	Phase 2B--System Manager	DES CON ADVCON	0	0	0	2,020	1,616	404		0	0	0		0	0							
	Phase 3	DES CON ADVCON	0	0	0	2,040	1,632	408								10,000	4,000	6,000		0	4,000	(4,000)
<i>Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																						
OS9. <b>Congest</b>	Freeway Service Patrol	CON	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP	
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes &amp; other incidents, assisting sick or injured motorists with basic first aid, &amp; notifying 911 of incidents.</i>																						
OS10. <b>Safety</b>	Guardrail and Shoulder Improvements, Various Locations	CON DES CON DES CON	2,185	1,748	437							3,060	2,448	612								HSIP
<i>Estimated Total Project Cost - \$6,600,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																						
OS11. <b>Congest</b>	ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP	
<i>Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																						
OS12. <b>SysPres</b>	Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase II Phase III	CON DES CON				2,704	2,434	270							6,000	5,400	600				NHPP	
<i>Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																						
OS13. <b>SysPres</b>	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	ROW CON ADVCON	25	20	5	5,400	320	5,080		0	4,000	(4,000)									NHPP (add ROW phase)	
<i>Estimated Total Project Cost - \$6,200,000 -- Rehabilitate existing bridge.</i>																						
OS14. <b>Safety</b>	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Aiea Avenue	CON ADVCON				6,370	1,233	5,137		0	4,500	(4,500)									NHPP	
<i>Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																						

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OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516) <b>Safety</b>	CON				5,520	4,416	1,104												NHPP	
	<i>Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																			
OS16. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00 <b>SysPres</b>	CON				7,140	712	6,428												NHPP	
	ADVCON							0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																				
OS17. Interstate Route H-1, Kapolei Interchange Complex Phase 2 <b>Modern</b>	CON	4,800	4,300	500															INTERSTATE DISCRETIONARY	
	CON	52,200	29,980	22,220															NHPP	
	ADVCON				0	17,000	(17,000)	0	0	0									NHPP	
	DES				571	457	114												NHPP	
	ROW										238	190	48						NHPP	
<i>Estimated Total Project Cost - \$90,000,000 -- 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 Palalail and Makakilo Interchanges.</i>																				
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 <b>SysPres</b>	CON												0	0	0	25,200	8,000	17,200	NHPP	
	ADVCON															0	0	0	(defer and inflate. Some scope being covering in ongoing PM Zipperlane project)	
<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>																				
OS19. Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I <b>Modern</b>	CON															19,000	17,100	1,900	NHPP	
	<i>Estimated Total Project Cost - \$167,000,000 -- This is part 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>																			
OS20. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalail IC) to Waiawa Overpass <b>Safety</b>	CON				0	0	0	4,080	3,264	816									HSIP (no DES contract yet, defer and inflate)	
	<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>																			
OS21. Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements <b>Modern</b>	DES												3,642	2,913	729				NHPP	
	<i>Estimated Total Project Cost - \$23,600,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																			
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3 <b>SysPres</b>	DES				1,080	864	216												NHPP	
	CON												6,240	4,992	1,248					
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS23. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park <b>Enhance</b>	CON				250	200	50												EARMARK-HIGH PRIORITY	
	CON				2,500	2,000	500												STP ENHANCEMENT	
<i>Estimated total project cost - \$3,200,000 -- Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park To Kainoa Beach Park.</i>																				
OS24. Kalaniana'ole Highway (Route 72), Bridge Replacement Inoale Stream Bridge, Waimanalo <b>SysPres</b>	CON				9,550	1,140	8,410												NHPP	
	ADVCON							0	6,500	(6,500)										
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																				
OS25. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street <b>Safety</b>	CON	11,000	8,800	2,200															NHPP (electrical plan redesigned causing delay. CON to obligate early 2015)	
	<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																			
OS26. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park <b>Safety</b>																			NHPP (Add design funds for phase 3. Phase 2 and Phase 3 DES will be combined) (construction still to be phased)	
	Phase 2 - Poalima Street to Aloiloi Street	DES	2,200	1,760	440															
		CON																		
	Phase 3 - Aloiloi Street to Waimanalo Beach Park (Huli Street)	DES	1,600	1,280	320															
<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street Waimanalo Beach Park (Huli Street). Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS53. Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge <b>SysPres</b>	DES	1,300	1,040	260															NHPP (New Project) (DES was not obligated in 2014) (need ROW phase in 2015)	
	ROW	165	132	33																
<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge</i>																				
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge <b>SysPres</b>	ROW	275	220	55															NHPP	
	CON							6,000	800	5,200										
	ADVCON										0	4,000	(4,000)							
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS28. Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge <b>SysPres</b>	CON				16,580	3,264	13,316												NHPP	
	ADVCON							0	10,000	(10,000)										
<i>Estimated Total Project Cost - \$21,800,000 -- Replace the existing bridge.</i>																				
OS29. Kamehameha Highway (Route 83), Bridge Replacement Kaluanui Stream Bridge <b>SysPres</b>	ROW	0	0	0				650	520	130									NHPP (no ROE yet, anticipate 106 issues) (defer and inflate ROW acquisition)	
	CON												9,200	2,360	6,840					
	ADVCON															0	5,000	(5,000)		
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			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)	
OS30. Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge <i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>	ROW	75	60	15															NHPP (add DES & ROW funds)	
	DES	1,100	880	220																
	CON				9,735	7,788	1,947													
OS54. Kamehameha Highway (Route 83), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge <i>Estimated Total Project Cost - \$19,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>	DES	1,800	1,440	360															NHPP (New Project) (DES was no obligated in 2014) (need ROW phase in 2015)	
	ROW	25	20	5																
	CON																			
OS31. Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge <i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>	ROW				200	160	40												NHPP (CatEX not complete, 106 outstanding) (can't complete ROW w/o CatEX) (defer and inflate. Add ROW deferred from 2014)	
	CON				0	0	0	9,360	988	8,372										
	ADVCON							0	0	0	0	6,500	(6,500)							
OS32. Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge <i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>	ROW	0	0	0	1,000	800	200												NHPP (ROW maps will not be ready in time to obligate ROW acquisition in 2015) (defer and inflate) (adjust AC reimbursement to maintain financial constraint)	
	CON							26,000	1,800	24,200										
	ADVCON										0	9,000	(9,000)	0	10,000	(10,000)				
OS33. Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge <i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>	PREROW	104	82	22															NHPP EARMARK-HIGH PRIORITY NHPP	
	ROW				1,148	918	230													
	CON										18,000	5,400	12,600							
OS34. Kamehameha Highway (Route 83), Bridge Replacement Waialeale Bridge <i>Estimated Total Project Cost - \$13,300,000 -- replace the existing bridge</i>	PREROW				110	88	22												NHPP	
	ROW							562	450	112										
	CON										11,708	4,366	7,342							
OS35. Kamehameha Highway (Route 83), Bridge Replacement Waikane Stream Bridge <i>Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	ROW				265	212	53												NHPP (Add ROW deferred from 2014, no ROW maps)	
	CON													8,925	2,140	6,785				
	ADVCON													0	5,000	(5,000)				
OS36. Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge <i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>	ROW	260	208	52															NHPP (Add ROW deferred from 2014, no ROW maps)	
	CON				8,900	7,120	1,780													
	ADVCON																			
OS37. Kamehameha Highway (Route 83), Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach <i>Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	ROW	0	0	0				490	392	98									NHPP (no DES contract yet) (defer and inflate ROW)	
	CON										10,080	8,064	2,016							
	CON														8,000	6,400	1,600			
OS55. Kamehameha Highway (Route 83) Safety Improvements Kahana 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	1,600	1,280	320															HSIP (re-include. Not obligated in 2014 due to bridge endrail upgrade and waterline scope creep)	
	CON																			
	CON																			
OS38. Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula (#14) <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																		NHPP	
	CON																			
	CON																			
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10) <i>Estimated Total Project Cost - \$6,600,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>	CON				0	0	0	10,400	8,320	2,080									NHPP (due to scope change, env clearance has been delayed.) (defer and inflate CON)	
	CON																			
	CON																			
OS40. Kamehameha Highway (Route 83) Shoreline Protection, Vicinity of Punaluu (#9) <i>Estimated Total Project Cost - \$7,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>	CON										7,350	880	6,470					NHPP		
	ADVCON													0	5,000	(5,000)				
	CON																			
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukooa Pond <i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukooa 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										6,500	1,200	5,300					NHPP		
	ADVCON													0	4,000	(4,000)				
	CON																			
OS42. Kualakai Parkway (Route 8930) Extension <i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>	CON							17,700	160	17,540									STP FLEXIBLE (redistribute AC funds to maintain financial constraint)	
	ADVCON										0	4,000	(4,000)	0	10,000	(10,000)				
	CON																			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS43. Leeward Bikeway																				STP ENHANCEMENT (reinclude Phase 1 . Not obligated in 2014 due to AIS required by Sec. 106)
<b>Enhance</b> Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON				9,000	7,200	1,800													
Phase II - Hawaiian Railway Society Train Station to Luualalei Naval Road	PREROW				106	84	22													
	ROW									3,000	2,400	600								
	CON														3,900	3,120	780			
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.</i>																				
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2	CON				6,120	4,896	1,224													NHPP (redistribute AC funds to maintain financial constraint)
<b>Safety</b> Guardrail and Shoulder Improvements	ADVCON							0	0	0										
<i>Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON	0	0	0	6,120	5,508	612													NHPP (no DES contract yet, anticipated 1/15) (defer and inflate CON)_
<b>SysPres</b> MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)																				
<i>Estimated Total Project Cost - \$6,300,000 -- 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>																				
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON				2,435	1,948	487													NHPP
<b>SysPres</b> MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)																				
<i>Estimated Total Project Cost - \$2,700,000 -- 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>																				
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit,	CON							4,030	224	3,806										NHPP
<b>SysPres</b> Puuloa Interchange, Ramp "A"	ADVCON										0	3,000	(3,000)							
<i>Estimated Total Project Cost - \$4,500,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS48. Moanalua Freeway (Route H-201) Seismic Retrofit,	CON							6,580	0	6,580										NHPP
<b>SysPres</b> Puuloa Separation	ADVCON										0	5,264	(5,264)							
<i>Estimated Total Project Cost - \$7,200,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS49. 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)
<b>Enhance</b>																				
<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>																				
OS52. Sand Island Access Road (Route 64), Truck Weigh Station	DES	132	104	28																NHPP
<b>Safety</b> Kapalama Container Terminal	ROW	128	101	27																
	CON							5,000	4,000	1,000										
<i>Estimated Total Project Cost - \$6,000,000 -- design, construct &amp; operate a truck weigh station to perform truck inspections &amp; 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 &amp; computer hardware/software, operator kiosk/office.</i>																				
<b>OAHU : STATE - FHWA TOTAL</b>		<b>142,968</b>	<b>73,307</b>	<b>69,661</b>	<b>147,962</b>	<b>84,201</b>	<b>63,761</b>	<b>162,241</b>	<b>65,586</b>	<b>96,655</b>	<b>97,670</b>	<b>71,856</b>	<b>25,814</b>	<b>92,956</b>	<b>75,221</b>	<b>17,735</b>	<b>118,644</b>	<b>69,912</b>	<b>48,732</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
<b>OAHU : STATE - FTA</b>																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
Human	OPR	620	310	310	640	320	320	660	330	330	680	340	340	702	351	351	724	362	362	
<i>Estimated Total Project Cost - \$7,156,000 -- 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>																				
<b>OAHU : STATE - FTA TOTAL</b>																				
		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																				
OC1. Alapai Transportation Management Center <b>Safety</b>	DES	1	0	1	1	0	1	10	0	10										STP FLEXIBLE Revise cost estimate Reformatted to reflect Advance Construction reimbursement
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										
	ADVCON	0	11,714	(11,714)	0	10,535	(10,535)													
	EQP	1	0	1	1,700	0	1,700	200	0	200										
<i>Estimated Total Project Cost - \$95,402,000 \$96,013,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State &amp; emergency response agencies.</i>																				
OC2. Bikeway Improvements Program <b>Enhance</b>	Hamakua Drive (RTE 6010)																			STP FLEXIBLE Defer & inflate project to FFY 2016 Revise cost estimate
	CON	0	0	0	663	530	133													
	INSP	0	0	0	153	122	31													
	Pearl Harbor Bike Path																			
	CON				0	0	0	1,734	1,387	347										
	INSP				0	0	0	306	245	61										
	TBD - CON 2017																			
	DES				0	0	0	255	204	51										
	CON				0	0	0	0	0	0	2,397	1,877	520							
	INSP				0	0	0	153	122	31										
	TBD - CON 2018																			
	ROW				0	0	0	0	0	0	1	0	1							
	PLN				0	0	0	0	0	0	102	0	102							
	DES				0	0	0	0	0	0	306	0	306							
	CON				0	0	0	0	0	0	0	0	0	2,397	1,877	520				
	EQP				0	0	0	0	0	0	153	122	31							
	TBD - CON 2019																			
	ROW				0	0	0	0	0	0	1	0	1							
	PLN				0	0	0	0	0	0	102	0	102							
	DES				0	0	0	0	0	0	306	0	306							
CON				0	0	0	0	0	0	0	0	0	2,397	1,877	520					
EQP				0	0	0	0	0	0	153	122	31								
TBD - CON 2020																				
ROW				0	0	0	0	0	0	1	0	1								
PLN				0	0	0	0	0	0	102	0	102								
DES				0	0	0	0	0	0	306	0	306								
CON				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
EQP				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<del>TBD - CON 2021</del>	<del>ROW</del>																		0	
	<del>PLN</del>																		0	
	<del>DES</del>																		0	
<i>Estimated Total Project Cost - \$14,004,000 \$11,988,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																				
OC3. Bridge Inspection and Appraisal <b>SysPres</b>	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																			
OC4. Computerized Traffic Control System <b>Congest</b>	Phase 14 - Mililani Town																			STP FLEXIBLE
	DES							350	280	70										
	CON										4,000	3,200	800							
	EQP										1	0	1							
	Phase 15 - Wahiawa										350	280	70							
	DES													4,000	3,200	800				
	CON													1	0	1				
	EQP																			
	Phase 16 - Nanakuli/Waianae																			
	DES													350	280	70				
CON																4,000	3,200	800		
EQP																1	0	1		
Phase 17 - TBD																				
DES																350	280	70		
<i>Estimated Total Project Cost - \$13,403,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			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)	
OC5. Farrington Highway (Route 7110 & 9107) Improvements <b>Congest</b>	CON							20,000	8,930	11,070	20,000	6,210	13,790	20,000	4,000	16,000	20,000	4,000	16,000	STP FLEXIBLE
<i>Estimated Total Project Cost - \$80,000,000 -- Improve the two lanes undivided Farrington Highway between Fort Weaver Road and Kapolei Golf Course Road to implement future transportation plans and accommodate future transportation needs.</i>																				
OC6. Kapolei Parkway (Route 8920) Extension <b>Congest</b>	DES	50	0	50																
	CON	1,200	960	240																
<i>Estimated Total Project Cost - \$23,789,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.</i>																				
OC7. Makakilo Drive (Route 8810) Extension <b>Modern</b> Phase 1	DES				3,000	0	3,000										20,000	4,000	16,000	LOCAL
	CON																20,000	4,000	16,000	STP FLEXIBLE
<i>Estimated Total Project Cost - \$85,500,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																				
OC8. Traffic Improvements at Various Locations <b>Safety</b>																				
Village Park/Kupuna Loop	DES	450	360	90																STP FLEXIBLE
Palolo - 9th Avenue/10th Avenue	CON	0	0	0																Delete project from group listing
	INSP	0	0	0																
Kalaheo Avenue/Kailua Road	ROW				100	80	20													Revise cost estimates
	CON				1,500	1,200	300													Revise cost estimates
	INSP				250	200	50													Revise cost estimates
TBD - CON 2017	DES				500	400	100													Revise cost estimates
	CON							1,250	1,000	250										Revise cost estimates
	INSP							125	100	25										Add project phase
TBD - CON 2018	ROW							50	0	50										Revise cost estimates
	PLN							50	0	50										Revise cost estimates
	DES							341	284	57										Revise cost estimates
	CON										1,133	900	233							Revise cost estimates
TBD - CON 2019	INSP										125	100	25							Add project phase
	ROW							50	0	50										Revise cost estimates
	PLN							50	0	50										Revise cost estimates
	DES										218	174	44							Revise cost estimates
	CON													1,500	1,200	300				Revise cost estimates
TBD - CON 2020	INSP													250	200	50				Add project phase
	ROW													50	0	50				Revise cost estimates
	PLN													50	0	50				Revise cost estimates
	DES													500	400	100				Revise cost estimates
	CON																1,500	1,200	300	Revise cost estimates
TBD - CON 2021	ROW																250	200	50	Add project to group listing
	PLN																50	0	50	
	DES																50	0	50	
	CON																500	400	100	
<i>Estimated Total Project Cost - \$13,030,000 \$10,892,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park &amp; Kupuna Loop area, and Kalaheo Avenue/Kailua Road.</i>																				
OC9. Traffic Signal Optimization <b>Congest</b>																				
Phase 6 - Kapolei, Ewa, Makakilo	PLN							1	0	1										STP FLEXIBLE
	DES							600	500	100										
Phase 7 - TBD	PLN										1	0	1							
	DES										100	0	100							
Phase 8 - TBD	PLN													1	0	1				
	DES													100	0	100				
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE
<b>Congest</b> Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihau St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St	CON	3,496	2,800	696																Add project to group listing
	EQP	4	0	4																
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko'i St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	DES	438	350	88																Add project phase
	PLN	0	0	0																Delete project phase
	CON	0	0	0	3,566	2,856	710													
	EQP	0	0	0	4	0	4													
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuala St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	DES	0	0	0	447	357	90													
	CON				0	0	0	3,758	2,993	765										
	EQP				0	0	0	4	0	4										
Phase 18 - TBD	DES				0	0	0	447	357	90										
	CON							0	0	0	3,825	3,060	765							
	EQP							0	0	0	4	0	4							
Phase 19 - TBD	DES										447	357	90							
	CON										0	0	0	4,121	3,300	821				
	EQP										0	0	0	4	0	4				
Phase 20 - TBD	DES													438	350	88				
	CON										0	0	0	0	0	0	4,121	3,300	821	
	EQP										0	0	0	0	0	0	4	0	4	
Phase 21 - TBD	DES													0	0	0	438	350	88	
	CON													0	0	0	0	0	0	Delete project phase
	EQP													0	0	0	0	0	0	Delete project phase
Phase 22 - TBD	PLN																0	0	0	Delete project from group listing
	DES																0	0	0	Delete project from group listing
<i>Estimated Total Project Cost - \$24,700,000 \$25,570,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																				
OC11. Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62																STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,000,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.</i>																				
<b>OAHU : C&amp;C OF HONOLULU - FHWA TOTAL</b>		<b>30,468</b>	<b>17,000</b>	<b>13,468</b>	<b>36,157</b>	<b>17,000</b>	<b>19,157</b>	<b>30,406</b>	<b>17,000</b>	<b>13,406</b>	<b>34,163</b>	<b>17,000</b>	<b>17,163</b>	<b>55,324</b>	<b>19,729</b>	<b>35,595</b>	<b>55,223</b>	<b>19,729</b>	<b>35,494</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>CITY &amp; COUNTY OF HONOLULU - FTA</b>																				
OC12. Agency Provided Trips	Human																			
	OPR	334	167	167	344	172	172	354	177	177	366	183	183	376	188	188	388	194	194	FTA §5307 (revise cost estimates)
	OPR	511	248	263	512	256	256	528	264	264	544	272	272	560	280	280	576	288	288	FTA §5310 (revise cost estimates)
	OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	LOCAL (Add locally funded OPR phase)
<i>Estimated Total Project Cost - \$8,577,000 \$11,899,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.</i>																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
FY15 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses	17-40'																			
buses + 19-60' buses + 19 small vans + 6 < 30' buses	EQP	0	0	0	20,210	0	20,210	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA §5307
FY16 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses	EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA §5337
FY17 = 10 <35' buses + 10-40' buses + 10-60' buses	EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA §5339
FY18 = 9 <35' buses + 10-40' buses + 10-60' buses	EQP	12,511	9,963	2,548																
	EQP	18,125	14,500	3,625																
	EQP	1,297	1,047	250																
	EQP	1,376	1,111	265																
	EQP	1,410	1,133	277	1,444	1,155	289	1,473	1,178	295	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA §5337 (2015) (Revise cost estimates)
	EQP	4,453	3,562	891	3,215	2,306	909	3,279	2,352	927	3,345	2,399	946	3,412	2,447	964	3,480	2,496	984	FTA §5339 (2015) (Revise cost estimates)
	EQP	4,365	3,492	873																
	EQP	4,271	3,417	854																
<i>Estimated Total Project Cost - \$169,400,000 \$175,566,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC14. Bus Stop ADA Access Improvements	Transit																			
	PLN	1	0	1	1	0	1	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	270	0	270	270	0	270	LOCAL
	CON	621	300	321	321	0	321	321	0	321	321	0	321	321	0	321	321	0	321	FTA §5307
	ROW	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	RELOC	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$3,888,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).</i>																				
OC15. Bus Stop Site Improvements	Transit																			
	PLN	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	ROW	1	0	1																
	DES	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	LOCAL
	CON	1,735	1,330	405	405	0	405	405	0	405	405	0	405	405	0	405	405	0	405	FTA §5307 (Revise cost estimates)
	EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<i>Estimated Project Cost - \$5,437,000 \$4,337,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																				
OC16. Honolulu Rail Transit Project	Transit																			
	HRTF				44,216	35,373	8,843	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	FTA §5307/ §5340
	HRTF	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between Easi Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
a. Total estimated cost (YOES) = \$5,163,693,000 (including finance charges): PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.																				
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 \$3,357,789,262 (YOES).																				
OC17. Local Shuttle Service	Human																			
	OPR	204	102	102	210	105	105	216	108	108	223	111	112	230	115	115	236	118	118	FTA §5307 (Revise cost estimates)
<i>Estimated Total Project Cost - \$745,000 \$1,319,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																				
OC18. Middle Street Intermodal Center	Transit																			
	PLN				1,810	1,327	483	1	0	1	1	0	1							
	DES				2,500	0	2,500	200	0	200	200	0	200							
	CON				5,864	0	5,864	5,867	0	5,867	5,867	0	5,867							
	EQP				1	0	1	1	0	1	1	0	1							
<i>Estimated Total Project Cost - \$16,445,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.</i>																				
OC19. Mobility Management	Human																			
	OPR	316	253	63	325	260	65	335	268	67	345	276	69	356	285	71	366	293	73	FTA §5307 (Revise cost estimates)
	OPR	79	63	16	81	65	16	84	67	17	86	69	17	89	71	18	91	73	18	FTA §5310 (Revise cost estimates)
<i>Estimated Total Project Cost - \$3,595,000 \$2,553,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.</i>																				
OC22. Pedestrian Transit Connections	SysPres																			
	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL (New project)
	DES	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	LOCAL
	CON	1,120	1,100	20	165	145	20	20	0	20	20	0	20	20	0	20	20	0	20	FTA §5307
	INSP	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	LOCAL
	EQP	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
<i>Estimated Total Project Cost - \$2,961,000 -- Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC20 Preventive Maintenance																				
Transit	OPR	47,527	21,000	26,527	48,478	0	48,478	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	FTA \$5307
<i>Estimated Total Project Cost - \$299,811,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																				
OC21 Transit Safety and Security Projects																				
Transit	PLN	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				LOCAL
	CON	1	0	1	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	413	330	83				FTA \$5307
<i>Estimated Total Project Cost - \$2,080,000 -- Capital projects at various transit locations to improve safety and security.</i>																				
<b>OAHU : C&amp;C OF HONOLULU - FTA TOTAL</b>		<b>1,172,244</b>	<b>405,582</b>	<b>766,662</b>	<b>1,189,835</b>	<b>381,800</b>	<b>808,035</b>	<b>886,751</b>	<b>285,099</b>	<b>601,652</b>	<b>521,489</b>	<b>168,460</b>	<b>353,029</b>	<b>123,189</b>	<b>40,271</b>	<b>82,917</b>	<b>125,790</b>	<b>41,488</b>	<b>84,302</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
<b>FUNDING CATEGORY SUMMARY - OAHU</b>																				
NHPP (National Highway Performance Program)			64,212		73,512		59,427		64,969		64,934		53,465							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			0		9,284		2,400		3,120											
STP FLEXIBLE			17,000		17,000		17,160		21,000		29,729		19,729							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			4,508		0		5,712		200		2,400		2,400							
NATIONAL RECREATIONAL TRAILS			287		287		287		287		287		287							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		1,118		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			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			4,300		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		90,307		101,201		82,586		88,856		94,950		79,001							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)		(1,118)		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		86,007		100,083		82,586		88,856		94,950		79,001							

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
<b>HAWAII : STATE - FHWA</b>																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakoia Gulch	CON												8,190	6,552	1,638					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																					
HS2. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE	
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
HS23. Daniel K. Inouye Highway (Route 200) Extension Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	DES PREROW	250 250	200 200	50 50																STP FLEXIBLE	
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS24. Daniel K. Inouye Highway (Route 200) Improvements Phase 2D: East Side Grade & Pave, MP 6 to MP 11	CON CON ADVCON	0 24,000	0 15,000	0 9,000			0 9,000													DISCRETIONARY (did not receive discretionary monies; scope of work will be adjusted to match funding) STP FLEXIBLE (DAR soft match) STP FLEXIBLE (DAR soft match)	
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HS3. Guardrail and Shoulder Improvements, Various Locations	DES															100	80	20		STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																					
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW CON							1,150	920	230						10,600	8,480	2,120		NHPP	
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																					
HS5. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	ROW CON ADVCON	1,300	1,040	260							6,500	600	5,900	0	4,600	(4,600)				NHPP	
<i>Estimated Total Project Cost - \$7,100,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.</i>																					
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge Towards Waipunahina Bridge	CON ADVCON										5,600	480	5,120	0	4,000	(4,000)				NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealahaka Bridge Towards Kaula Bridge	CON															1,560	1,248	312		NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealahaka Bridge to Kaula Bridge</i>																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaka Bridge	CON												1,560	1,248	312					NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealahaka Bridge.</i>																					
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON				1,693	1,355	338													NHPP	
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																					
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW CON ADVCON							270	216	54			38,700	7,000	31,700	0	13,000	(13,000)	0	10,960	(10,960)
<i>Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																					
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW CON							100	80	20				3,640	2,912	728				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																					
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW CON							2,200	1,760	440				11,200	8,960	2,240				NHPP	
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																					

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			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)	
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road  <i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>	PREROW				104	83	21													STP FLEXIBLE
	ROW							1,938	1,550	388										
	CON																			
	ADVCON																			
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements  <i>Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.</i>	CON				1,660	1,328	332													STP FLEXIBLE HSIP
	CON				520	468	52													
HS16. Kealaheke Parkway Extension (Route 197), Keanalehu Drive to Kealaheke Street  <i>Estimated Total Project Cost - \$8,000,000 -- Extension of Kealaheke Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>	DES																			STP FLEXIBLE
	PREROW																			
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2  <i>Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>	DES	40	36	4																HSIP
	CON							360	324	36										
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7)  <i>Estimated Total Project Cost - \$7,600,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (add DES. DES was not obligated in 2014. Advance and decr ROW)
	ROW	100	80	20																
	CON																			
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement  <i>Estimated Total Project Cost - \$7,600,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (New project) (add DES. DES was not obligated in 2014)
	ROW	65	52	13																
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa  <i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON																			STP FLEXIBLE (New project)
	CON	6,000	4,800	1,200																
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9  <i>Estimated Project Cost - \$1,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>	CON																			HSIP
	CON							1,457	1,311	146										
HS21. National Recreational Trails Program - Hawaii (DLNR)  <i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	CON																			
HS22. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawiili (Rte 2770) to Kanoelehua Ave (Rte 11)  Phase 2 - Komohana (RTE 1940) to Kawiili (Rte 2770)  <i>Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW	0	0	0	52	41	11													STP FLEXIBLE (Don't need Pre ROW so soon before ROW. Defer and inflate) EARMARK - HIGH PRIORITY (HI025)
	ROW																			
	ROW																			
	PREROW																			
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  <i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road Intersection.</i>	ROW	175	140	35																HSIP
	CON	1,215	1,093	122																
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park  <i>Estimated Total Project Cost - \$5,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																NHPP (New project)
	DES																			
<b>HAWAII : STATE - FHWA TOTAL</b>		<b>53,376</b>	<b>25,393</b>	<b>27,983</b>	<b>20,903</b>	<b>12,574</b>	<b>8,329</b>	<b>24,349</b>	<b>6,460</b>	<b>17,889</b>	<b>96,290</b>	<b>13,424</b>	<b>82,866</b>	<b>58,869</b>	<b>62,495</b>	<b>(3,626)</b>	<b>42,289</b>	<b>42,439</b>	<b>(150)</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF HAWAII - FHWA</b>																				
HC1. Aali Drive (Route 186) Culvert Replacement <i>SysPres</i>	CON				10,400	1,024	9,376													STP FLEXIBLE
	ADVCON							0	8,320	(8,320)										
<i>Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																				
HC2. Aali Highway (Route 1110) <i>Modern</i> Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	DES				2,500	2,000	500													STP FLEXIBLE
	ROW									2,550	2,040	510								
	CON																	12,400	9,920	2,480
<i>Phase 1</i>																				
<i>Estimated Total Project Cost - \$76,000,000 -- Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Aali Dr. near the Keaou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase in the design phase.</i>																				
HC3. Bridge Inspection and Appraisal <i>SysPres</i>	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HC4. Kawaiiani Street (Rte 2760) Improvements <i>Congest</i> Vicinity of Kanoelani Street to Vicinity of Kuhlani Street Phase 2B	CON	17,500	14,000	3,500																STP FLEXIBLE
	ADVCON																			
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																				
HC5. Kuakini Highway (Route 1100) Widening, Phase II <i>Modern</i> Hualalai Road (Route 188) to Proposed Aali Highway (Route 1110)	DES				1,500	1,200	300													STP FLEXIBLE
	CON									16,080	2,944	13,136								
	ADVCON												0	9,920	(9,920)					
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Aali Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																				
HC6. Māmalaha Highway (Route 19) Widening <i>Modern</i> (Mud Lane to Mana Road)	CON				8,000	6,400	1,600													NHPP
	ADVCON																			
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Māmalaha Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																				
HC7. Waianuenu Avenue (Route 2720) Improvements <i>Enhance</i> Rainbow Drive to Akolea Road	DES	900	720	180																STP FLEXIBLE
	ROW				250	200	50													
	CON							12,400	4,920	7,480										
	ADVCON										0	5,000	(5,000)							
<i>Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenu Avenue from Rainbow Drive to Akolea Road.</i>																				
<b>HAWAII : COUNTY OF HAWAII - FHWA TOTAL</b>		<b>18,400</b>	<b>14,720</b>	<b>3,680</b>	<b>22,850</b>	<b>10,984</b>	<b>11,866</b>	<b>12,400</b>	<b>13,240</b>	<b>(840)</b>	<b>18,830</b>	<b>10,144</b>	<b>8,686</b>	<b>0</b>	<b>9,920</b>	<b>(9,920)</b>	<b>12,600</b>	<b>10,080</b>	<b>2,520</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
<b>COUNTY OF HAWAII - FTA</b>																				
HCB. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HCB. Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311
<i>Estimated Total Project Cost - \$13,000,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
<b>HAWAII : COUNTY OF HAWAII - FTA TOTAL</b>		<b>2,520</b>	<b>1,415</b>	<b>1,105</b>	<b>2,597</b>	<b>1,458</b>	<b>1,139</b>	<b>2,676</b>	<b>1,502</b>	<b>1,174</b>	<b>2,758</b>	<b>1,548</b>	<b>1,210</b>	<b>2,842</b>	<b>1,595</b>	<b>1,247</b>	<b>2,929</b>	<b>1,644</b>	<b>1,285</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FUNDING CATEGORY SUMMARY - HAWAII</b>																				
NHPP (National Highway Performance Program)			1,253			7,755			2,896			8,080			31,808			20,688		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			37,292			15,036			14,870			15,189			39,508			31,532		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			1,269			468			1,635			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			800			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		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		40,113			23,558			19,700			23,568			72,415			52,519		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			0			(800)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		40,113			23,558			19,700			23,568			71,615			52,519		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>MAUI: STATE - FHWA</b>																				
MS1. Bridge and Pavement Improvement Program, Maui	CON	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
MS2. Guardrail and Shoulder Improvement Program at Various Locations, Maui	CON																			STP FLEXIBLE
Part 2	CON				1,000	800	200													
Part 3	CON									1,000	800	200								
Part 4	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS3. Hana Highway (Route 36) Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass	CON				2,550	2,040	510													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$2,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW CON ADVCON							120	95	25	6,900	1,520	5,380	0	4,000	(4,000)				NHPP
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolulu Bridge	ROW CON				841	673	168				5,600	4,480	1,120							NHPP
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolulu Bay.</i>																				
MS6. Honoapiilani Highway (Route 3000) Realignment Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES ROW CON ADVCON	50	40	10				100	80	20	30,000	12,000	18,000	0	12,000	(12,000)				NHPP  (add DES to develop Design/Build RFP)
Phase 1C - Keawe Street Extension to North of Kaanapali Connector	ROW CON										6,250	5,000	1,250				41,600	16,280	25,320	
<i>Estimated Total Project Cost - \$95,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.</i>																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements Ukumehame to Olowalu	CON							1,352	1,217	135										HSIP
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS16. Honoapiilani Highway (Route 30), Safety Improvements Vicinity of Kapoli Street to Papatoua Beach Park	CON	3,000	2,400	600																HSIP (reinstate in 2015. Not obligated in 14 ROW cert needed. No Topo yet)
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection Vicinity of Olowalu	ROW CON	250 3,250	200 2,600	50 650																NHPP
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekiil Point.</i>																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay	ROW CON	250 5,130	200 4,100	50 1,030																STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.</i>																				
MS16. Kihei-Upcountry Maui Highway (Route 374), Phase 1A	CON ADVCON																20,000	8,000	12,000	STP FLEXIBLE
<i>Estimated Total Project Cost -- \$100,000,000 -- This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makena area with Upcountry Maui. The terminus points are Haleakala Highway at the Upcountry Maui end and Piilani Highway at the Kihei-Makena end.</i>																				
MS10. National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS12. Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park	DES PREROW													3,570	2,856	714				STP FLEXIBLE
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																				
MS13. Puunene Ave. (Rte 3500) Improvements, Kaahumanu Kamehameha Ave. (Rte 3940) to Kiihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8	155	122	33							13,500	5,800	7,700	0	5,000	(5,000)	STP FLEXIBLE
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kiihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>MOLOKAI</b>																				
MS14. Safety	Guardrail and Shoulder Improvements Program at Various Locations, Molokai Part 2																			STP FLEXIBLE
	CON				750	600	150													
	<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																			
MS15. SysPres	Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge																			STP FLEXIBLE (DES contract being finalized. RTA 2017. Defer and inflate)
	CON				0	0	0	7,100	5,680	1,420										
	<i>Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																			
<b>MAUI : STATE - FHWA TOTAL</b>		<b>27,783</b>	<b>5,825</b>	<b>21,958</b>	<b>26,245</b>	<b>4,594</b>	<b>21,651</b>	<b>34,751</b>	<b>11,531</b>	<b>23,220</b>	<b>64,449</b>	<b>19,159</b>	<b>45,290</b>	<b>44,269</b>	<b>30,015</b>	<b>14,254</b>	<b>83,659</b>	<b>30,527</b>	<b>53,132</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF MAUI - FHWA</b>																				
MC1. Alaalua Bridge Replacement, Hana Highway (Route 3700), MP 33.80 <b>SysPres</b>	DES							750	0	750										LOCAL
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation,  Phase 2 - Halimaile Road to Hana Hwy <b>SysPres</b>	CON	0	0	0	12,765	9,455	3,310													STP FLEXIBLE  (defer. Updated estimated based on phase 1 bid tabs. Not enough local match in 2015.)
<i>Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC3. Bridge Inspection and Appraisal <b>SysPres</b>	PLN	300	240	60				300	240	60				300	240	60				STP FLEXIBLE
<i>Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding of \$300,000 is provided every two years.</i>																				
MC4. Central Maui Traffic Signal Upgrades <b>Congest</b>	DES							270	0	270										STP FLEXIBLE
	CON													1,300	1,040	260				
<i>Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC5. Guardrail and Shoulder Improvements, Various Locations <b>Safety</b>	CON				0	0	0	1,530	1,200	330										STP FLEXIBLE (Defer and inflate. Financial constraint)
	CON							0	0	0				1,873	1,440	433				
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																				
MC6. Hahalawe Bridge Replacement, Hana Highway (Route 3700), MP 31.05 <b>SysPres</b>	DES							700	0	700										STP FLEXIBLE
	CON																			7,550
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2 <b>SysPres</b>	CON				0	0	0	1,530	1,200	330										STP FLEXIBLE (Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC9. Kahakuloa Bridge Replacement, Kahekili Highway (Route 340), MP 9.27 <b>SysPres</b>	DES	420	16	404																STP FLEXIBLE
	CON										0	0	0	3,468	2,400	1,068				(Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$3,820,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC10. Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40 <b>SysPres</b>	CON				0	0	0	3,540	2,470	1,070										STP FLEXIBLE (Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$3,670,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC11. Kahawaikapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61 <b>SysPres</b>	DES	830	24	806																STP FLEXIBLE
	CON							0	0	0	5,510	3,600	1,910							(Defer and inflate. Financial constraint)
<i>Estimated Total Project Cost - \$6,230,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180) <b>SysPres</b>	DES							300	0	300										STP FLEXIBLE
	CON													6,730	5,384	1,346				
<i>Estimated Total Project Cost - \$6,900,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				

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MC13. Kihei Bikeway, Phase 2, <b>Enhance</b> Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekua Street	CON	2,000	1,600	400															STP ENHANCEMENT (cost increase. Add needed drainage improvements and parallel parking)	
<i>Estimated Total Project Cost - \$4,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage &amp; markings, landscaping, and path lighting will also be part of the construction.</i>																				
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction <b>SysPres</b> Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Piholo Road to Kokomo Road (Route 366)	CON				4,375	3,500	875	0	0	0									STP FLEXIBLE (advance to reflect priority)	
<i>Estimated Total Project Cost - \$4,675,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC15. Koukouai Bridge Modifications, <b>SysPres</b> Piilani Highway (Route 3700), MP 28.59	CON												6,120	4,488	1,632				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, <b>SysPres</b> Kualau Street to Honoapiilani Highway (Route 30)	DES CON	185 1,600	8 1,280	177 320															STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,775,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC17. Kulanihakai Bridge Replacement <b>SysPres</b> South Kihei Road (Route 3100), MP 1.40	CON				0	0	0	4,160	3,264	896									STP FLEXIBLE (Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.</i>																				
MC18. Lelekea Bridge Replacement <b>SysPres</b> Piilani Highway (Route 3700), MP 27.23	CON																3,994	3,195	799	
<i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, <b>SysPres</b> Phase IV, Hoohui Road to Napilihau Road (Route 3090)	DES CON				350	0	350						0	0	0	6,020	4,500	1,520	STP FLEXIBLE (Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) <b>SysPres</b> Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES CON							300	0	300						0	0	0	5,100	
<i>Estimated Total Project Cost - \$5,300,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, <b>SysPres</b> Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175	0	0	0	3,570	2,800	770						STP FLEXIBLE (Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$3,675,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) <b>Enhance</b> - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW CON				750	0	750	0	0	0	1,275	1,000	275						STP FLEXIBLE (Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$2,000,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																				
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3 <b>Congest</b>	CON												730	584	146				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.</i>																				
MC24. North Shore Greenway, Phase IV <b>Enhance</b> Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON				1,750	1,400	350												STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>																				
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), <b>Modern</b> Kaonolu Street to Namaau Place	DES CON	450	0	450									0	0	0	7,190	5,000	2,190	STP FLEXIBLE (Defer and inflate. Financial constraint)	
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Modern Lokelani School to Auhana Road	DES				600	0	600													STP FLEXIBLE
	ROW									150	0	150								
	CON																8,670	6,936	1,734	
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																				
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Congest Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	DES							130	0	130										STP FLEXIBLE
	CON												1,250	1,000	250					
<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC40. Old Haleakala Hwy (Route 367) and Makani Rd (Route 3630) Resurf. SysPres Aeloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	CON	4,958	3,527	1,431																STP FLEXIBLE
	<i>Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. Total length = 1.7 miles.</i>																			
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, SysPres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES	370	16	354																STP FLEXIBLE (Defer and inflate. Financial constraint)
	CON							0	0	0	2,245	1,760	485							
<i>Estimated Total Project Cost - \$2,200,370 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals Congest at Hina Avenue (Route 3930, MP 0.8)	CON												880	688	192					STP FLEXIBLE (Defer and inflate. Financial constraint)
	<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																			
MC30. Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Congest Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES	130	0	130																STP FLEXIBLE
	CON												1,250	1,000	250					
<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC31. Pavement Rehabilitation, Various Roads, South Maui SysPres Kulanihako Street (Route 3175), MP 0-MP 0.5 Waipulani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES	20	16	4				6,120	4,800	1,320										STP FLEXIBLE (Defer and inflate. Financial constraint)
	CON				0	0	0													
<i>Estimated Total Project Cost - \$6,020,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC32. Piikea Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, SysPres South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES	10	8	2																STP FLEXIBLE (Defer and inflate. Financial constraint)
	CON				0	0	0	1,632	1,280	352										
<i>Estimated Total Project Cost - \$1,610,000 -- The scope of work involves resurfacing the existing roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Congest Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON							0	0	0	826	648	178							STP FLEXIBLE (Defer and inflate. Financial constraint)
	<i>Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																			
MC34. Waipulani Bikeway Enhance Kulanihako Street (Route 3175) to W. Waipulani Road (Route 3170)	CON										0	0	0	1,765	1,384	381				STP ENHANCEMENT (Defer and inflate. Financial constraint)
	<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage &amp; markings, and street lighting will also be part of the construction.</i>																			
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Congest Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON	0	0	0				1,248	960	288										STP FLEXIBLE (Defer and inflate. Financial constraint)
	<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																			
<b>MAUI : COUNTY OF MAUI - FHWA TOTAL</b>		<b>11,273</b>	<b>6,735</b>	<b>4,538</b>	<b>21,465</b>	<b>14,355</b>	<b>7,110</b>	<b>21,810</b>	<b>15,414</b>	<b>6,396</b>	<b>13,576</b>	<b>9,808</b>	<b>3,768</b>	<b>31,686</b>	<b>24,148</b>	<b>7,538</b>	<b>32,504</b>	<b>24,531</b>	<b>7,973</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF MAUI - FTA</b>																				
MC36. Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,030	515	515	1,062	531	531	1,094	547	547	1,128	564	564	1,162	581	581	FTA SECTION 5311
<i>Estimated Total Project Cost - \$6,476,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului	PLN/EQP/OPR	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop.. 50,000-199,999)
<i>Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
<b>MAUI : COUNTY OF MAUI - FTA TOTAL</b>		<b>4,394</b>	<b>2,603</b>	<b>1,791</b>	<b>4,529</b>	<b>2,683</b>	<b>1,846</b>	<b>4,669</b>	<b>2,766</b>	<b>1,903</b>	<b>4,811</b>	<b>2,850</b>	<b>1,961</b>	<b>4,960</b>	<b>2,938</b>	<b>2,022</b>	<b>5,112</b>	<b>3,028</b>	<b>2,084</b>	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>KAUAI: STATE - FHWA</b>																				
KS1. Bridge and Pavement Improvement Program, Kauai	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	Part 3	DES	0	0	0															STP FLEXIBLE (advance program one year)
	CON	1,000	800	200																
	Part 4	DES			100	80	20	0	0	0										
	CON							1,000	800	200	0	0	0							
	Part 5	DES									100	80	20	0	0	0				
	CON										1,000	800	200	0	0	0				
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS3. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	ROW							850	680	170										NHPP
	CON																			
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	ROW	67	52	15				0	0	0										NHPP (advance ROW)
	CON																			
<i>Estimated Total Project Cost - \$7,365,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.</i>																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	ROW	105	80	25							0	0	0							STP FLEXIBLE (advance ROW)
	CON	100	80	20																
	ADVCON																			
<i>Estimated Total Project Cost - \$27,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS6. Kaunualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW	0	0	0	110	88	22													STP FLEXIBLE (defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	CON										7,650	620	7,030							
	ADVCON													0	5,500	(5,500)				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS7. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON							18,400	10,000	8,400										NHPP
	ADVCON										0	4,720	(4,720)							
<i>Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>																				
KS8. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW	0	0	0	805	644	161													NHPP (defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	CON				0	0	0	10,925	8,740	2,185										
	ADVCON							0	0	0										
<i>Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																				
KS15. Kuhio Highway (Route 560), Bridge Rehabilitation Waihi Stream Bridges #1, #2, #3	DES	2,100	1,680	420																STP FLEXIBLE (new project)
	ROW	100	80	20																
	CON	100	80	20																
<i>Estimated Total Project Cost - \$23,000,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	ROW				595	476	119													STP FLEXIBLE
	CON													9,000	2,200	6,800				
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON	12,240	9,792	2,448																STP FLEXIBLE
<i>Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS11. Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements and Kapaia Stream Bridge Rehabilitation	ROW	120	96	24							0	0	0							NHPP (advance ROW)
	CON													10,600	8,480	2,120				
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna Road intersection and Kapaia Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				
KS12. Kuhio Highway (Route 56) Safety Improvements MP 21.4 - 27.1	DES				120	96	24													HSIP
	CON										1,080	864	216							
<i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.</i>																				
KS13. National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
<b>KAUAI: STATE - FHWA TOTAL</b>		<b>28,246</b>	<b>12,991</b>	<b>15,255</b>	<b>14,044</b>	<b>1,635</b>	<b>12,409</b>	<b>42,639</b>	<b>19,791</b>	<b>22,848</b>	<b>21,994</b>	<b>7,215</b>	<b>14,779</b>	<b>32,914</b>	<b>17,231</b>	<b>15,683</b>	<b>50,459</b>	<b>24,167</b>	<b>25,692</b>	



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
<b>COUNTY OF KAUAI - FTA</b>																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311 FTA SECTION 5311
<i>Estimated Total Project Cost - \$13,000,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
<b>KAUAI : COUNTY OF KAUAI - FTA TOTAL</b>		<b>2,520</b>	<b>1,415</b>	<b>1,105</b>	<b>2,597</b>	<b>1,458</b>	<b>1,139</b>	<b>2,676</b>	<b>1,502</b>	<b>1,174</b>	<b>2,758</b>	<b>1,548</b>	<b>1,210</b>	<b>2,842</b>	<b>1,595</b>	<b>1,247</b>	<b>2,929</b>	<b>1,644</b>	<b>1,285</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
<b>FUNDING CATEGORY SUMMARY - KAUAI</b>																				
NHPP (National Highway Performance Program)			148		644		18,740		5,400		8,480		8,916							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			2,250		2,630		0		3,685		12,075		26,465							
STP FLEXIBLE			17,732		3,544		9,850		7,800		10,100		15,100							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			0		96		0		864		0		0							
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
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			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		20,381		7,165		28,841		18,000		30,906		50,732							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		20,381		7,165		28,841		18,000		30,906		50,732							

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FTA SUMMARY</b>																				
STATEWIDE		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	
C&C OF HONOLULU		1,172,244	405,582	766,662	1,189,835	381,800	808,035	886,751	285,099	601,652	521,489	168,460	353,029	123,189	40,271	82,917	125,790	41,488	84,302	
COUNTY OF HAWAII		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
MAUI, STATE		27,783	5,825	21,958	26,245	4,594	21,651	34,751	11,531	23,220	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
COUNTY OF MAUI		4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	
COUNTY OF KAUAI		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
<b>FTA TOTAL</b>		<b>1,211,432</b>	<b>418,232</b>	<b>793,200</b>	<b>1,227,840</b>	<b>393,431</b>	<b>834,409</b>	<b>933,622</b>	<b>303,882</b>	<b>629,740</b>	<b>598,429</b>	<b>195,092</b>	<b>403,337</b>	<b>180,333</b>	<b>77,987</b>	<b>102,345</b>	<b>222,720</b>	<b>79,953</b>	<b>142,767</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA SUMMARY</b>																				
<b>STATEWIDE</b>		42,007	10,355	31,652	48,572	12,887	35,685	37,403	6,331	31,072	40,945	6,745	34,200	39,585	6,347	33,238	37,245	5,885	31,360	
Oahu - State		142,968	73,307	69,661	147,962	84,201	63,761	162,241	65,586	96,655	97,670	71,856	25,814	92,956	75,221	17,735	118,644	69,912	48,732	
City and County of Honolulu		30,468	17,000	13,468	36,157	17,000	19,157	30,406	17,000	13,406	34,163	17,000	17,163	55,324	19,729	35,595	55,223	19,729	35,494	
<b>ISLAND OF OAHU</b>		173,436	90,307	83,129	184,119	101,201	82,918	192,647	82,586	110,061	131,833	88,856	42,977	148,280	94,950	53,330	173,867	89,641	84,226	
Hawaii - State		53,376	25,393	27,983	20,903	12,574	8,329	24,349	6,460	17,889	96,290	13,424	82,866	58,869	62,495	(3,626)	42,289	42,439	(150)	
County of Hawaii		18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	
<b>ISLAND OF HAWAII</b>		71,776	40,113	31,663	43,753	23,558	20,195	36,749	19,700	17,049	115,120	23,568	91,552	58,869	72,415	(13,546)	54,889	52,519	2,370	
Maui - State		27,783	5,825	21,958	26,245	4,594	21,651	34,751	11,531	23,220	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
County of Maui		11,273	6,735	4,538	21,465	14,355	7,110	21,810	15,414	6,396	13,576	9,808	3,768	31,686	24,148	7,538	32,504	24,531	7,973	
<b>ISLAND OF MAUI</b>		39,056	12,560	26,496	47,710	18,949	28,761	56,561	26,945	29,616	78,025	28,967	49,058	75,955	54,163	21,792	116,163	55,058	61,105	
Kauai - State		28,246	12,991	15,255	14,044	1,635	12,409	42,639	19,791	22,848	21,994	7,215	14,779	32,914	17,231	15,683	50,459	24,167	25,692	
County of Kauai		8,675	7,390	1,285	6,315	5,530	785	12,740	9,050	3,690	11,400	10,785	615	14,075	13,675	400	26,590	26,565	25	
<b>ISLAND OF KAUAI</b>		36,921	20,381	16,540	20,359	7,165	13,194	55,379	28,841	26,538	33,394	18,000	15,394	46,989	30,906	16,083	77,049	50,732	25,717	
<b>FHWA TOTAL</b>		363,196	173,716	189,480	344,513	163,760	180,753	378,739	164,403	214,336	399,317	166,136	233,181	369,678	258,781	110,897	459,213	253,835	204,778	

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<b>FUNDING CATEGORY SUMMARY - ENTIRE STIP</b>																				
NHPP (National Highway Performance Program)			70,933			85,064			84,038			99,249			129,022			102,149		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			3,850			15,354			0			6,085			13,459			29,585		
STP FLEXIBLE			81,265			58,069			68,310			56,147			112,659			106,970		
SECTION 1404 - (Safe Routes to School)			1,300			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			10,607			1,194			9,194			1,694			630			3,030		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			1,118			0			0			800			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)			265			265			265			265			265			265		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			4,300			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		173,716			163,760			164,403			166,136			258,781			243,195		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)			(1,383)			(265)			(265)			(1,065)			(265)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		169,151			162,377			164,138			165,871			257,716			242,930		