

**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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)			
<b>STATEWIDE - FHWA</b>																						
S1. Enhance	Bikeway Improvements at Various Locations, Statewide																			STP FLEXIBLE		
		DES						300	240	60												
		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. SysPres	Bridge Inspection and Appraisal	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. Human	Construction Career Days Workforce Development Program	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																					
S23. SysPres	Highway Program Peer Exchange (HDOT-CFL)	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 develop, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																					
S4. SysPres	Highway Research and Development Program	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. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	2,500	2,430	70	700	630	70	700	630	70	700	630	70	700	630	70	700	630	70	HSIP (Increased non- infra budget by \$1.8M using 100% HSIP penalty funds)	
	<i>Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
S6. SysPres	Highway Shoreline Protection, Statewide	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. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations	DES	0	0	0				208	166	42	200	160	40							STP FLEXIBLE (A current state funded contract will initial improvements)	
		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. Modern	Federal Lands Highway Access Discretionary Program	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. Safety	Safe Routes to School (SRTS) Program	Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL	
		Pln/Des/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. Enhance	SNIPP - Statewide Noxious Invasive Pest Program	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. Safety	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	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. SysPres	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL	
		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000		
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																					
S13. SysPres	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	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. SysPres	Structural Countermeasures for Scour Critical Bridges	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. Modern	Technology Transfer and Technical Assistance Program	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. Modern	Traffic Counting Stations, Various Locations	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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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>OAHU : STATE - FHWA</b>																				
OS1. 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 <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">STIP website</a> 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. Farrington Highway (Route 93), Bridge Rehabilitation	ROW																			NHPP
SysPres Ulehawa Stream Bridge	CON									585	468	117				8,405	6,724	1,681		
<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. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
SysPres Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW	1,100	880	220																NHPP
SysPres Makaha Bridges #3 & #3A	CON	0	0	0				17,200	4,060	13,140										106 and 4(f) will delay CatEx until May 2015. ROW will take 2 years to complete.
	ADVCON				0	0	0				0	9,700	(9,700)							
<i>Estimated Total Project Cost - \$20,200,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.</i>																				
OS5. Freeway Management System																				NHPP
Congest 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	CON	5,000	4,000	1,000																
Phase 2A	CON							10,000	4,000	6,000										
Phase 2B - System Manager	DES	0	0	0	2,020	1,616	404													
	CON							0	0	0										
	ADVCON																			
Phase 3	DES	0	0	0	2,040	1,632	408													
	CON																			
	ADVCON																			
<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. 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
Congest																				
<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. Guardrail and Shoulder Improvements, Various Locations																				
Safety Phase 1	CON	2,185	1,748	437																HSIP
Phase 2	DES	250	200	50																
	CON							3,060	2,448	612										
Phase 3	DES										250	200	50							
	CON																			
<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. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
Congest																				
<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. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase II	CON				2,704	2,434	270													NHPP
SysPres Phase III	DES				554	499	55													
	CON													6,000	5,400	600				
<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. Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	ROW	25	20	5																NHPP
SysPres	CON				5,400	320	5,080													(add ROW phase)
	ADVCON							0	4,000	(4,000)										
<i>Estimated Total Project Cost - \$6,200,000 -- Rehabilitate existing bridge.</i>																				
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	CON				6,370	1,233	5,137													NHPP
Safety	ADVCON							0	4,500	(4,500)										
<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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			TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OS15.	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	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	CON				7,140															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, C (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	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
	Phase 3	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 Palalailai and Makakilo Interchanges.</i>																				
OS18.	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	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 1	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 Waialeale.</i>																				
OS20.	Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalailai IC) to Waiawa Overpass	CON				0	0	0	4,080	3,264	816										HSIP
	<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS21.	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	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	DES				1,080	864	216								6,240	4,992	1,248			NHPP
		CON																			
	<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	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	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 1, Olomana Golf Course to Poalima Street	CON	11,000	8,800	2,200																NHPP
	<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	DES	2,200	1,760	440																NHPP
	Phase 2 - Poalima Street to Aloiloi Street	CON														13,300	10,640	2,660			(Add design funds for phase 3. Phase 2 and Phase 3 DES will be combined) (construction still to be phased)
	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	DES	1,300	1,040	260																NHPP
		ROW	165	132	33																(New Project) (DES was not obligated in 2014) (need ROW phase in 2015)
	<i>Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge</i>																				
OS27.	Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	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 Kaipapua Stream Bridge	CON				16,580	3,264	13,316													NHPP
		ADVCON							0	10,000	(10,000)										
	<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29.	Kamehameha Highway (Route 83), Bridge Replacement Kaluanui Stream Bridge	ROW	0	0	0				650	520	130										NHPP
		CON													9,200	2,360	6,840				(no ROE yet, anticipate 106 issues) (defer and inflate ROW acquisition)
		ADVCON																0	5,000	(5,000)	
	<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				

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PROJECT ID	PROJECT DESCRIPTION	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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OS30.	Kamehameha Highway (Route 83), Bridge Replacement	ROW	75	60	15															NHPP	
SysPres	Kawela Stream Bridge	DES	1,100	880	220															(add DES & ROW funds)	
		CON				9,735	7,788	1,947													
	<i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>																				
OS54	Kamehameha Highway (Route 83), Bridge Rehabilitation	DES	1,800	1,440	360															NHPP	
SysPres	Kipapa (Roosevelt) Stream Bridge	ROW	25	20	5															(New Project) (DES was no obligated in 2014) (need ROW phase in 2015)	
	<i>Estimated Total Project Cost - \$19,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																				
OS31.	Kamehameha Highway (Route 83), Bridge Replacement	ROW				200	160	40												NHPP	
SysPres	Laieloa Stream Bridge	CON				0	0	0	9,360	988	8,372									(CatEX not complete, 106 outstanding) (can't complete ROW w/o CatEx) (defer and inflate. Add ROW deferred from 2014)	
		ADVCON							0	0	0	0	6,500	(6,500)							
	<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS32.	Kamehameha Highway (Route 83), Bridge Replacement	ROW	0	0	0	1,000	800	200												NHPP	
SysPres	South Kahana Stream Bridge	CON							26,000	1,800	24,200									(ROW maps will not be ready in time to obligate ROW acquisition in 2015) (defer and inflate) (adjust AC reimbursement to maintain financial constraint)	
		ADVCON										0	9,000	(9,000)	0	10,000	(10,000)				
	<i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>																				
OS33.	Kamehameha Highway (Route 99), Bridge Replacement	PREROW	104	82	22															NHPP	
SysPres	Upper Poamoho Stream Bridge	ROW				1,148	918	230												EARMARK-HIGH PRIORITY	
		CON										18,000	5,400	12,600						NHPP	
		ADVCON													0	9,000	(9,000)				
	<i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																				
OS34.	Kamehameha Highway (Route 83), Bridge Replacement	PREROW				110	88	22													NHPP
SysPres	Waiahole Bridge	ROW							562	450	112										
		CON										11,708	4,366	7,342							
		ADVCON													0	5,000	(5,000)				
	<i>Estimated Total Project Cost - \$13,300,000 - replace the existing bridge</i>																				
OS35.	Kamehameha Highway (Route 83), Bridge Replacement	ROW				265	212	53													NHPP
SysPres	Waikane Stream Bridge	CON													8,925	2,140	6,785			(Add ROW deferred from 2014, no ROW maps)	
		ADVCON															0	5,000	(5,000)		
	<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>																				
OS36.	Kamehameha Highway (Route 83), Bridge Replacement	ROW	260	208	52																NHPP
SysPres	Waipilopilo Stream Bridge	CON				8,900	7,120	1,780												(Add ROW deferred from 2014, no ROW maps)	
	<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																				
OS37.	Kamehameha Highway (Route 83), Rockfall Protection	ROW	0	0	0				490	392	98										NHPP
Safety	at Waimea Bay, MP 5.4 to MP 5.52	CON										10,080	8,064	2,016						(no DES contract vet) (defer and inflate ROW)	
	Phase 1: Haleiwa	CON																			
	Phase 2: Sunset Beach	CON																			
	<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>																				
OS55.	Kamehameha Highway (Route 83) Safety Improvements	CON	1,600	1,280	320																HSIP
Safety	Kahana Valley Road to Kaaawa Bridge																				(re-include. Not obligated in 2014 due to bridge endrail upgrade and waterline scope creep)
	<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>																				
OS51	Kamehameha Highway (Route 83), Safety Improvements	CON	1,600	1,280	320																HSIP
Safety	Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road																				
	<i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																				
OS38.	Kamehameha Highway (Route 83), Shoreline Protection,	CON																			NHPP
Safety	Vicinity of Hauula (#14)														5,700	4,560	1,140				
	<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>																				
OS39.	Kamehameha Highway (Route 83), Shoreline Protection,	CON				0	0	0	10,400	8,320	2,080										NHPP
Safety	Vicinity of Kaaawa (#10)																				(due to scope change, env clearance has been delayed.) (defer and inflate CON)
	<i>Estimated Total Project Cost - \$11,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																				
OS40.	Kamehameha Highway (Route 83) Shoreline Protection,	CON										7,350	880	6,470							NHPP
Safety	Vicinity of Punaluu (#9)	ADVCON													0	5,000	(5,000)				
	<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>																				
OS41.	Kamehameha Highway (Route 83) Wetland Enhancement,	CON										6,500	1,200	5,300							NHPP
Enhance	Vicinity of Ukoa Pond	ADVCON													0	4,000	(4,000)				
	<i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																				
OS42.	Kualakai Parkway (Route 8930) Extension	CON							17,700	160	17,540										STP FLEXIBLE
Modern		ADVCON										0	4,000	(4,000)	0	10,000	(10,000)				(redistribute AC funds to maintain financial constraint)
	<i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>																				

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			TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OS43.	Leeward Bikeway																				STP ENHANCEMENT (reinclude Phase 1 - Not obligated in 2014 due to AIS required by Sec. 106)
	Enhance 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					6,120	4,896	1,224													NHPP (redistribute AC funds to maintain financial constraint)
	Safety 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					6,120	5,508	612													NHPP (no DES contract yet, anticipated 1/15) (defer and inflate CON)_
	SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON	0	0	0																
	<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					2,435	1,948	487													NHPP
	SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON																			
	<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,								4,030	224	3,806										NHPP
	SysPres 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,								6,580	0	6,580										NHPP
	SysPres 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		359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
	Enhance	CON																			
	<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		132	104	28																NHPP
	Safety	DES																			
		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>		<b>1,102</b>	<b>695</b>	<b>407</b>	<b>1,137</b>	<b>717</b>	<b>420</b>	<b>1,172</b>	<b>739</b>	<b>433</b>	<b>1,209</b>	<b>762</b>	<b>447</b>	<b>1,248</b>	<b>786</b>	<b>462</b>	<b>1,288</b>	<b>811</b>	<b>477</b>	

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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																				
OC1. Alapai Transportation Management Center	DES	1	0	1	1	0	1	10	0	10										STP FLEXIBLE
Safety	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										Revise cost estimate
	ADVCON	0	11,714	(11,714)	0	10,535	(10,535)													Reformatted to reflect Advance Construction reimbursement
	EQP	1	0	1	1,700	0	1,700	200	0	200										
<i>Estimated Total Project Cost - \$95,492,000 \$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																				
Enhance																				
Hamakua Drive (RTE 6010)	CON	0	0	0	663	530	133													STP FLEXIBLE
	INSP	0	0	0	153	122	31													Defer & inflate project to FFY 2016
Pearl Harbor Bike Path	CON	0	0	0	0	0	0	1,734	1,387	347										Revise cost estimate
	INSP	0	0	0	0	0	0	306	245	61										
TBD - CON 2017	DES	0	0	0	0	0	0	255	204	51										
	CON	0	0	0	0	0	0	2,397	1,877	520										
	INSP	0	0	0	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	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	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	2,397	1,877	520										
	EQP	0	0	0	0	0	0	153	122	31										
TBD - CON 2024	ROW	0	0	0	0	0	0	1	0	1										Delete project phases
	PLN	0	0	0	0	0	0	102	0	102										
	DES	0	0	0	0	0	0	306	0	306										Delete project from group listing
<i>Estimated Total Project Cost - \$44,994,000 \$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	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																				
Congest																				
Phase 14 - Milliani Town	DES							350	280	70										STP FLEXIBLE
	CON										4,000	3,200	800							
	EQP										1	0	1							
Phase 15 - Wahiawa	DES										350	280	70							
	CON													4,000	3,200	800				
	EQP													1	0	1				
Phase 16 - Nanakuli/Waianae	DES																			
	CON																4,000	3,200	800	
	EQP																1	0	1	
Phase 17 - TBD	DES																			
<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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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OC5. Farrington Highway (Route 7110 & 9107) Improvements <i>Congest</i>	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 <i>Congest</i>	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 <i>Modern</i>	DES				3,000	0	3,000													LOCAL
	CON													20,000	4,000	16,000	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 <i>Safety</i>	DES	450	360	90																STP FLEXIBLE
	CON	0	0	0																Delete project from group listing
Palolo - 9th Avenue/10th Avenue <i>INSP</i>	CON	0	0	0																
	INSP	0	0	0																
Kalaheo Avenue/Kailua Road	ROW				100	80	20													Revise cost estimates
	CON				1,500	1,200	300													Revise cost estimates
TBD - CON 2017	INSP				250	200	50													Revise cost estimates
	DES				500	400	100													Revise cost estimates
TBD - CON 2018	CON							1,250	1,000	250										Revise cost estimates
	INSP							125	100	25										Add project phase
TBD - CON 2019	ROW							50	0	50										Revise cost estimates
	PLN							50	0	50										Revise cost estimates
TBD - CON 2020	DES							341	284	57										Revise cost estimates
	CON										1,133	900	233							Revise cost estimates
TBD - CON 2021	INSP										125	100	25							Add project phase
	ROW										50	0	50							Revise cost estimates
TBD - CON 2022	PLN										50	0	50							Revise cost estimates
	DES										218	174	44							Revise cost estimates
TBD - CON 2023	CON												1,500	1,200	300					Revise cost estimates
	INSP												250	200	50					Add project phase
TBD - CON 2024	ROW												50	0	50					Revise cost estimates
	PLN												50	0	50					Revise cost estimates
TBD - CON 2025	DES												500	400	100					Revise cost estimates
	CON															1,500	1,200	300		Revise cost estimates
<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 <i>Congest</i>	PLN							1	0	1										STP FLEXIBLE
	DES							600	500	100										
Phase 6 - Kapolei, Ewa, Makakilo	PLN										1	0	1							
	DES													100	0	100				
Phase 7 - TBD	PLN																			
	DES																			
Phase 8 - TBD	PLN																			
	DES																			
<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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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE
<b>Congest</b>																				
<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</b>	CON	3,496	2,800	696																Add project to group listing
	EQP	4	0	4																
<b>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 St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona</b>	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													
<b>Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kiilihau St, Kualoa St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd</b>	DES	0	0	0	447	357	90													
	CON				0	0	0	3,758	2,993	765										
	EQP				0	0	0	4	0	4										
<b>Phase 18 - TBD</b>	DES				0	0	0	447	357	90										
	CON							0	0	0	3,825	3,060	765							
	EQP							0	0	0	4	0	4							
<b>Phase 19 - TBD</b>	DES							0	0	0	447	357	90							
	CON							0	0	0	0	0	0	4,121	3,300	821				
	EQP							0	0	0	0	0	0	4	0	4				
<b>Phase 20 - TBD</b>	DES													438	350	88				
	CON													0	0	0	4,121	3,300	821	
	EQP													0	0	0	4	0	4	
<b>Phase 21 - TBD</b>	DES													0	0	0	438	350	88	Delete project phase
	CON													0	0	0	0	0	0	Delete project phase
	EQP													0	0	0	0	0	0	Delete project from group listing
<b>Phase 22 - TBD</b>	PLN																0	0	0	
	DES																0	0	0	
<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
<b>SysPres</b>																				
<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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CITY & COUNTY OF HONOLULU - FTA	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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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	17- FY15 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses 40' buses + 19-60' buses + 19 small vans + 6 < 30' buses FY16 = 30 <30' buses + 5-35' buses + 25-40' buses + 10-60' buses FY17 = 10 <35' buses + 10-40' buses + 10-60' buses FY18 = 9 <35' buses + 10-40' buses + 10-60' 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
		EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5337
		EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5339
		EQP	12,511	9,963	2,548																FTA \$5307 (2015) (Revise cost estimates)
		EQP	18,125	14,500	3,625																FTA \$5307 (2014) (Revise cost estimates)
		EQP	1,297	1,047	250																FTA \$5337 (2013) (Revise cost estimates)
		EQP	1,376	1,111	265																FTA \$5337 (2014) (Revise cost estimates)
		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																FTA \$5339 (2014) (Revise cost estimates)
		EQP	4,271	3,417	854																FTA \$5339 (2013) (Revise cost estimates)
<i>Estimated Total Project Cost - \$159,400,000 \$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																LOCAL
		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 - \$6,437,000 \$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		HRTPT	1,070,200	342,464	727,736	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
		HRTPT				1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							FTA \$5309 NS
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																					
<i>a. Total estimated 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.</i>																					
<i>b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.</i>																					
<i>c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOES).</i>																					
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 - \$746,000 \$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							FTA \$5339 Bus and Bus Facilities
		DES				2,500	0	2,500	200	0	200	200	0	200							LOCAL
		CON							5,864	0	5,864	5,867	0	5,867							LOCAL
		EQP							1	0	1	1	0	1							LOCAL
<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																				
Transit		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	20	0	20	20	0	20	20	0	20	20	0	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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)																
<b>FUNDING CATEGORY SUMMARY - OAHU</b>																				
NHPP (National Highway Performance Program)			64,212		73,512		59,427		64,969		64,934		64,934		53,465					
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0					
STP ENHANCEMENT			0		9,284		0		2,400		0		0		3,120					
STP FLEXIBLE			17,000		17,000		17,160		21,000		29,729		29,729		19,729					
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0		0					
HSIP (Highway Safety Improvement Program)			4,508		0		5,712		200		0		0		2,400					
NATIONAL RECREATIONAL TRAILS			287		287		287		287		287		287		287					
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0					
FTA TRANSFER FUNDS			0		0		0		0		0		0		0					
EQUITY BONUS			0		0		0		0		0		0		0					
EARMARK - HIGH PRIORITY			0		1,118		0		0		0		0		0					
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0		0					
EARMARK - SECTION 112			0		0		0		0		0		0		0					
EARMARK - SECTION 115			0		0		0		0		0		0		0					
EARMARK - SECTION 117			0		0		0		0		0		0		0					
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0		0					
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0					
DISCRETIONARY			0		0		0		0		0		0		0					
HIGHWAYS FOR LIFE			0		0		0		0		0		0		0					
IMD (NHPP Discretionary)			4,300		0		0		0		0		0		0					
FERRY BOAT DISCRETIONARY / ARRA FBD			0		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		0					
LESS FTA TRANSFER FUNDS			0		0		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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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)		
<b>HAWAII : STATE - FHWA</b>																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamako 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://hdot.hawaii.gov/highways/other/other-related-links/stip/">http://hdot.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	DES	250	200	50																STP FLEXIBLE	
Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW	250	200	50																	
<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	0	0	0																DISCRETIONARY (did not receive discretionary monies; scope of work will be adjusted to match funding)	
	CON	24,000	15,000	9,000																STP FLEXIBLE (DAR soft match)	
	ADVCON				0	9,000	(9,000)													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							1,150	920	230										NHPP	
	CON																	10,600	8,480	2,120	
<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	1,300	1,040	260																NHPP	
	CON												6,500	600	5,900						
	ADVCON															0	4,600	(4,600)			
<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, Kaumoali Bridge Towards Waipunahina Bridge	CON												5,600	480	5,120					NHPP	
	ADVCON															0	4,000	(4,000)			
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																	1,560	1,248	312	NHPP
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge.</i>																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON																	1,560	1,248	312	NHPP
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha 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							270	216	54										NHPP	
	CON												38,700	7,000	31,700						
	ADVCON															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							100	80	20										STP FLEXIBLE	
	CON															3,640	2,912	728			
<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							2,200	1,760	440										NHPP	
	CON															11,200	8,960	2,240			
<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 ID	PROJECT NAME	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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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. Kealahoe Parkway Extension (Route 197), Kealahoe Drive to Kealahoe Street  <i>Estimated Total Project Cost - \$8,000,000 -- Extension of Kealahoe 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. Mamelahoa 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																						6,600	5,280	1,320
HS26. Mamelahoa 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. Mamelahoa 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		
CON																								
HS27. Mamelahoa highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road  <i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.</i>	CON	6,000	4,800	1,200																		STP FLEXIBLE (New project)		
CON																								
HS20. Mamelahoa 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							1,457	1,311	146												HSIP		
CON																								
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 - Kawaiii (Rte 2770) to Kanoelehua Ave (Rte 11)  Phase 2 - Komohana (RTE 1940) to Kawaiii (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)		
ROW																								
ROW																								
PREROW																								
ROW																								
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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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>COUNTY OF HAWAII - FHWA</b>																				
HC1. Aali Drive (Route 186) Culvert Replacement	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)	DES				2,500	2,000	500													STP FLEXIBLE
Modern Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	ROW								2,550	2,040	510									
Phase 1	CON														12,400	9,920	2,480			
<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 Keauhou 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	PLN				200	160	40													STP FLEXIBLE
									200	160	40									
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HC4. Kawaiili Street (Rte 2760) Improvements																				STP FLEXIBLE
Congest Vicinity of Kanoelani Street to Vicinity of Kuhlani Street																				
Phase 2B	CON	17,500	14,000	3,500																
<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	DES				1,500	1,200	300													STP FLEXIBLE
Modern Hualalai Road (Route 188) to Proposed Aali Highway (Route 1110)	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. Māmalahoa Highway (Route 19) Widening	CON				8,000	6,400	1,600													NHPP
Modern (Mud Lane to Mana Road)																				
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Māmalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																				
HC7. Waianuenue Avenue (Route 2720) Improvements	DES	900	720	180																STP FLEXIBLE
Enhance Rainbow Drive to Akolea Road	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 Waianuenue 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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PROJ[EC]	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)																
<b>COUNTY OF HAWAII - FTA</b>																				
HC8. 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>																				
HC9. 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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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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				1,000	800	200										1,000	800	200	STP FLEXIBLE
Part 2	CON										1,000	800	200							
Part 3	CON																			
Part 4	CON																			
<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							120	95	25										NHPP
	CON												6,900	1,520	5,380					
	ADVCON															0	4,000	(4,000)		
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW				841	673	168													NHPP
	CON												5,600	4,480	1,120					
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.</i>																				
MS6. Honoapiilani Highway (Route 3000) Realignment Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																NHPP
	ROW							100	80	20										(add DES to develop Design/Build RFP)
	CON												30,000	12,000	18,000					
	ADVCON															0	12,000	(12,000)		
Phase 1C - Keawe Street Extension to North of Kaanapali Connector	ROW															6,250	5,000	1,250		
	CON																		41,600	16,280
<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 Papalua Beach Park	CON	3,000	2,400	600																HSIP (reininclude in 2015. Not obligated in 14 ROW cert needed. No Topo vet)
<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	250	200	50																NHPP
	CON	3,250	2,600	650																
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay	ROW	250	200	50																STP FLEXIBLE
	CON							5,130	4,100	1,030										
<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																20,000	8,000	12,000	STP FLEXIBLE
	ADVCON																			
<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 Pihani 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												3,570	2,856	714					STP FLEXIBLE
	PREROW															110	88	22		
<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 Kuihelani Hwy (Rte 380)	PREROW	34	26	8				155	122	33										STP FLEXIBLE
	CON												13,500	5,800	7,700					
	ADVCON															0	5,000	(5,000)		
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>COUNTY OF MAUI - FHWA</b>																				
MC1. Alaalua Bridge Replacement, Hana Highway (Route 3700), MP 33.80	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 - Halliimaile Road to Hana Hwy	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	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	DES						270	0	270										STP FLEXIBLE	
MC4. Congest. Papa Ave (Rte 3910, MP 1.28) & Kamehameha Ave (Rte 3940, MP 1.75)	CON											1,300	1,040	260						
MC4. Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66)																				
MC4. Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48)																				
MC4. Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0)																				
MC4. Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0)																				
MC4. Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12)																				
MC4. Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)																				
MC4. Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																				
<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	CON				0	0	0	1,530	1,200	330									STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC5. Safety. Phase 1 - Halliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62	CON							0	0	0			1,873	1,440	433					
MC5. Phase 2																				
<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	DES						700	0	700										STP FLEXIBLE	
MC6. SysPres	CON															7,550	5,400	2,150		
<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	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	DES	420	16	404															STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC9. SysPres	CON											0	0	0	3,468	2,400	1,068			
<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	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. Kahawaiokapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	DES	830	24	806															STP FLEXIBLE (Defer and inflate. Financial constraint)	
MC11. SysPres	CON							0	0	0	5,510	3,600	1,910							
<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. Kanaaloa Avenue (Route 3420, MP 0-MP 0.9), Mahalani Street / Maui Lani Parkway / Wainui Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waialea Road (Route 3180)	DES						300	0	300				6,730	5,384	1,346				STP FLEXIBLE	
MC12. SysPres	CON																			
<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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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
MC13. Kihel Bikeway, Phase 2, Enhance 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 SysPres Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Pihiolo 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. Kookouai Bridge Modifications, SysPres 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, SysPres 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. Kulanihokoi Bridge Replacement SysPres South Kihel 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 SysPres Piilani Highway (Route 3700), MP 27.23	CON															3,994	3,195	799	STP FLEXIBLE	
<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, SysPres Phase IV, Hooihui Road to Napilihau Road (Route 3090)	DES CON				350	0	350												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) SysPres Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hooihui Road	DES CON							300	0	300									STP FLEXIBLE (Defer and inflate. Financial constraint)	
<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, SysPres Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175												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) Enhance - 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												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 Congest	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 Enhance 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), Modern Kaonoulu Street to Namauu Place	DES CON	450	0	450															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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>FUNDING CATEGORY SUMMARY - MAUI</b>																				
NHPP (National Highway Performance Program)			2,840		673		175		18,000		21,000		16,280							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			1,600		3,440		0		0		1,384		0							
STP FLEXIBLE			5,361		14,477		25,194		10,608		31,420		38,419							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			2,400		0		1,217		0		0		0							
NATIONAL RECREATIONAL TRAILS			359		359		359		359		359		359							
CMAQ (Congestion Mitigation Air Quality)			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							
FTA TRANSFER FUNDS			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			12,560		18,949		26,945		28,967		54,163		55,058							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY			0		0		0		0		0		0							
TOTAL			12,560		18,949		26,945		28,967		54,163		55,058							

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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 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>																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	DES	0	0	0																STP FLEXIBLE
	CON	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(advance program one year)
Part 3	DES	0	0	0																
Part 4	DES	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	
	CON							1,000	800	200	0	0	0	0	0	0	0	0	0	
Part 5	DES										100	80	20	0	0	0	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																4,185	3,348	837	
<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	ROW	67	52	15																NHPP
	CON																6,960	5,568	1,392	(advance ROW)
<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	ROW	105	80	25							0	0	0							STP FLEXIBLE
	CON	100	80	20																(advance ROW)
	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	ROW	0	0	0	110	88	22													STP FLEXIBLE
	CON																			(defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	ADVCON										7,650	620	7,030			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	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	ROW	0	0	0	805	644	161													NHPP
	CON				0	0	0	10,925	8,740	2,185										(defer/inflate. No alignment. No ROW map. Acquisition usually occurs 1 year after ROW maps are obtained)
	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	DES	2,100	1,680	420																STP FLEXIBLE
	ROW	100	80	20																(new project)
	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	ROW				595	476	119													STP FLEXIBLE
	CON																			
	ADVCON													9,000	2,200	6,800				
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, Kailiwai 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), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	ROW	120	96	24							0	0	0							NHPP
	CON													10,600	8,480	2,120				(advance ROW)
<i>Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				
KS12. Kuhio Highway (Route 56) Safety Improvements	DES				120	96	24													HSIP
	CON													1,080	864	216				
	MP 21.4 - 27.1																			
<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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>COUNTY OF KAUAI - FHWA</b>																				
KC1.	Bridge Inspection and Appraisal				125	100	25													STP FLEXIBLE
	<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County, FHWA Requirement. This is a regularly scheduled program.</i>																			
KC2.	Hanapepe Road (Rte 545) Resurfacing							3,120	1,400	1,720										STP FLEXIBLE (defer for financial constraint) (use Adv Con to redistribute funds)
	<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																			
KC13.	Kapahi Bridge Replacement				2,000	1,600	400													STP FLEXIBLE (new project. Project was deferred from 2014)
	<i>Estimated Total Project Cost - \$2,500,000 -- Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																			
KC3.	Kawaihau Road (Route 5860), Hauaala Road (Route 5865)				100	80	20													STP FLEXIBLE
	Maliuhuna Road (Route 5870), Complete Street & Safety Improvements				275	220	55													
	<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maliuhuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Maliuhuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																			
KC4.	Lihue-Anahola Coastal Bike Path																			STP ENHANCEMENT
	Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path																			
	Phase A-1, Kawaihau Elevated Boardwalk, Papaioa Road to Uhelekawawa Canal				2,250	2,250	0													(add Phase A-1 which was deferred from 2014) (Defer/inflate future phases to maintain financial constraint)
	Phase C & D				0	0	0	1,530	1,530	0										
	<i>A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles . The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i>																			
	Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path							1,100	1,100	0										
	Phase A - Ahukini Landing to Hanamaulu Beach Park																			
	Phase B - Hanamaulu Beach Park to Wailua Golf Course																			
	<i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i>																			
	Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path																			
	Phase A - Ninini Point to Ahukini																			
	Phase B - Ninini Point to Nawiliwili Beach Park																			
	<i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i>																			
	<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																			
KC5.	Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))																			STP FLEXIBLE
	<i>Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoiki.</i>																			
KC6.	Opaekaa Bridge Rehabilitation							0	0	0	3,060	2,400	660							STP FLEXIBLE (defer/inflate to maintain financial constraint)
	<i>Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																			
KC7.	Poipu Road (Route 520) Multimodal Improvements				100	80	20													STP FLEXIBLE
	<i>Estimated Total Project Cost - \$5,000,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping</i>																			
KC8.	Puhi Road (Route 5010) Rehabilitation																			STP FLEXIBLE (add phase 1, which was deferred from 2014)
	Phase 1 - Kaunualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35)				3,300	2,640	660													
	Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)				250	200	50													
	<i>Estimated Total Project Cost - \$6,750,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																			
KC9.	Puopuapae Bridge Rehabilitation				0	0	0	3,060	2,400	660										STP FLEXIBLE (defer for financial constraint)
	<i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puopuapae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>																			
KC10.	Rice Street (Route 5020) Improvements				100	80	20													STP FLEXIBLE
	MP 0-MP 1.00				400	320	80													
	<i>Estimated Total Project Cost - \$3,500,000 -- Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.</i>																			
<b>KAUAI : COUNTY OF KAUAI - FHWA TOTAL</b>		<b>8,675</b>	<b>7,390</b>	<b>1,285</b>	<b>6,315</b>	<b>5,530</b>	<b>785</b>	<b>12,740</b>	<b>9,050</b>	<b>3,690</b>	<b>11,400</b>	<b>10,785</b>	<b>615</b>	<b>14,075</b>	<b>13,675</b>	<b>400</b>	<b>26,590</b>	<b>26,565</b>	<b>25</b>	

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		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$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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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$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>		<b>173,436</b>	<b>90,307</b>	<b>83,129</b>	<b>184,119</b>	<b>101,201</b>	<b>82,918</b>	<b>192,647</b>	<b>82,586</b>	<b>110,061</b>	<b>131,833</b>	<b>88,856</b>	<b>42,977</b>	<b>148,280</b>	<b>94,950</b>	<b>53,330</b>	<b>173,867</b>	<b>89,641</b>	<b>84,226</b>	
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>		<b>71,776</b>	<b>40,113</b>	<b>31,663</b>	<b>43,753</b>	<b>23,558</b>	<b>20,195</b>	<b>36,749</b>	<b>19,700</b>	<b>17,049</b>	<b>115,120</b>	<b>23,568</b>	<b>91,552</b>	<b>58,869</b>	<b>72,415</b>	<b>(13,546)</b>	<b>54,889</b>	<b>52,519</b>	<b>2,370</b>	
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>		<b>39,056</b>	<b>12,560</b>	<b>26,496</b>	<b>47,710</b>	<b>18,949</b>	<b>28,761</b>	<b>56,561</b>	<b>26,945</b>	<b>29,616</b>	<b>78,025</b>	<b>28,967</b>	<b>49,058</b>	<b>75,955</b>	<b>54,163</b>	<b>21,792</b>	<b>116,163</b>	<b>55,058</b>	<b>61,105</b>	
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>		<b>36,921</b>	<b>20,381</b>	<b>16,540</b>	<b>20,359</b>	<b>7,165</b>	<b>13,194</b>	<b>55,379</b>	<b>28,841</b>	<b>26,538</b>	<b>33,394</b>	<b>18,000</b>	<b>15,394</b>	<b>46,989</b>	<b>30,906</b>	<b>16,083</b>	<b>77,049</b>	<b>50,732</b>	<b>25,717</b>	
<b>FHWA TOTAL</b>		<b>363,196</b>	<b>173,716</b>	<b>189,480</b>	<b>344,513</b>	<b>163,760</b>	<b>180,753</b>	<b>378,739</b>	<b>164,403</b>	<b>214,336</b>	<b>399,317</b>	<b>166,136</b>	<b>233,181</b>	<b>369,678</b>	<b>258,781</b>	<b>110,897</b>	<b>459,213</b>	<b>253,835</b>	<b>204,778</b>	

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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 (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)																
<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			169,151		162,377		164,138		165,871		257,716		242,930							