

**DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #16 PROCESSED (Administrative Modification)  
Revision Effective Date: June 5, 2018**

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. Bikeway Improvements at Various Locations, Statewide <b>Enhance</b>	PE1																			STP FLEXIBLE
	PE2																			
	ROW																			
	CON									2,100	180	1,920								
	ADVCON														0	1,500	(1,500)			
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects.</i>																				
S2. Bridge Inspection and Appraisal <b>SysPres</b>	PLN	3,100	2,480	620				13,500	1,800	11,700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
	ADVCON										0	4,700	(4,700)	0	4,300	(4,300)				
<i>Estimated Total Project Cost - \$24,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3. Construction Career Days Workforce Development Program Human	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																				
S27. Environmental Guideline Development <b>SysPres</b>	PLN										500	400	100							STP FLEXIBLE
<i>Estimated Total Project Cost - \$500,000 -- Develop Guide to standardize and institutionalize environmental clearance procedures.</i>																				
S28. Hawaii Road Usage Charge Demonstration <b>SysPres</b>	PLN							8,000	4,000	4,000										STSFA Grant STP FLEXIBLE
	PLN							3,125	0	3,125										
	ADVCON										0	2,500	(2,500)							
<i>Estimated Total Project Cost - \$12,000,000 -- This is a three-year, six-phase project that builds on existing state infrastructure that collects odometer readings annually as the basis for testing a road usage charge (RUC) user-based revenue alternatives. The project involves setup and implementation of an accounting system to provide prototypical invoices (or "billings") for mileage driven and other direct communications about revenue alternatives to over 1 million motorists. Billings will feature personalized information about motorists' road use and corresponding RUC, gas taxes paid, and other fees. The first demonstration activities will launch in the first half of 2017 with manual reporting and feature continuous feedback from motorists over 18 months. The grant proposal can be downloaded at <a href="http://hidot.hawaii.gov/administration/library/publications/">http://hidot.hawaii.gov/administration/library/publications/</a>.</i>																				
S23. Highway Program Peer Exchange (HDOT-CFL) <b>SysPres</b>	PLN	610	488	122																STP FLEXIBLE
<i>Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will developed, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																				
S4. Highway Research and Development Program <b>SysPres</b>	PLN	850	680	170	1,600	1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																				
S24. Highway Safety Improvement Program (HSIP), Infrastructure Funding Program <b>Safety</b>	PE1							50	40	10				50	40	10				HSIP
	PE2							150	120	30				150	120	30				
	CON										740	666	74				2,000	1,800	200	
<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																				
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program <b>Safety</b>	PLN/OPR	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP
<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																				
S6. Highway Shoreline Protection, Statewide <b>SysPres</b>	PE1										50	40	10				50	40	10	STP FLEXIBLE
	PE2										150	120	30				150	120	30	
	CON													2,000	0	2,000				
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S7. Pedestrian Facilities and ADA Compliance at Various Locations <b>Enhance</b>	PE1							135	108	27	130	104	26							STP FLEXIBLE
	PE2							73	58	15	70	56	14							
	CON													1,040	832	208	1,000	800	200	
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S8. Federal Lands Highway Access Discretionary Program <b>Modern</b>	PE/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				
S9. Safe Routes to School (SRTS) Program Non-Infrastructure Infrastructure <b>Safety</b>	PE	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	SAFE ROUTES TO SCHOOL
	PE/CON				1,300	1,300	0	1,050	1,050	0	350	350	0	155	155	0	185	185	0	
<i>Estimated Total Project Cost - \$6,450,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																				
S10. SNIPP - Statewide Noxious Invasive Pest Program <b>Enhance</b>	OPR										3,090	2,472	618	3,100	2,480	620	820	656	164	STP FLEXIBLE
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																				
S25. Statewide Freight Study <b>Modern</b>	PLN							408	325	83										STP FLEXIBLE
<i>Estimated Total Project Cost - \$400,000 -- This effort will develop a freight plan as required by FAST. The plan will be developed in consultation with freight stakeholders and will include identification of existing conditions and needs and development of a freight investment plan that includes a list of priority projects.</i>																				
S11. Statewide Highway Lighting and Traffic Signal Upgrade Program <b>Safety</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	4,000	1,000	5,000	0	5,000	NHPP
	PE-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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
S12. Statewide Signing, Striping and Pavement Marking Program <i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping (enhanced pavement markings). This also could include safety measures such as milled rumble strips.</i>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	4,000	1,000	9,000	7,200	1,800	9,000	7,200	1,800	HSIP
	PE-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	
S13. Statewide Guardrail and Shoulder Improvement Program <i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>	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
	PE-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	
S14. Structural Countermeasures for Scour Critical Bridges Phase 2 <i>Estimated Total Project Cost - \$10,000,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this program will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>	PE1													500	400	100				NHPP
	PE2																500	400	100	
S15. Technology Transfer and Technical Assistance Program <i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
	CON																1,530	1,224	306	STP FLEXIBLE
S16. Traffic Counting Stations, Various Locations <i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP</i>	CON																			
S26. Transportation Alternative Program <i>Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.</i>	PE/CON										1,240	992	248	2,300	1,840	460	2,300	1,840	460	TAP
	STATEWIDE - FHWA TOTAL	37,705	6,693	31,012	36,045	5,625	30,420	60,486	11,226	49,260	45,970	23,150	22,820	51,090	29,632	21,458	50,580	21,190	29,390	

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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>Human</i>																				
<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	85	85	0	88	88	0	91	91	0	FTA SECTION 5311 Reduction in Admin to provide additional funds to counties. A.15
<i>Human</i>																				
<i>Estimated Total Project Cost - \$1,060,000 -- 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>Human</i>																				
<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							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Transit</i>																				
<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>635</b>	<b>580</b>	<b>55</b>	<b>658</b>	<b>600</b>	<b>58</b>	<b>1,240</b>	<b>1,068</b>	<b>172</b>	<b>759</b>	<b>569</b>	<b>190</b>	<b>782</b>	<b>586</b>	<b>196</b>	<b>806</b>	<b>604</b>	<b>202</b>	

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<b>FHWA FUNDING CATEGORY SUMMARY - STATEWIDE</b>																				
NHPP (National Highway Performance Program)		2,480		0		0		1,800		7,500		11,500		3,200						
BRIDGE OFF-SYSTEM		0		0		0		0		0		0		0						
STP ENHANCEMENT / TAP		0		0		0		992		1,840		1,840		1,840						
STP FLEXIBLE		1,318		1,430		1,321		6,747		5,882		4,070								
SECTION 1404 - (Safe Routes to School)		200		1,500		1,250		550		355		385								
HSIP (Highway Safety Improvement Program)		2,430		2,430		2,590		7,096		9,790		11,430								
NATIONAL RECREATIONAL TRAILS		0		0		0		0		0		0		0						
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		0		0		0		0		0		0						
EARMARK - RE-PURPOSED EARMARKS		0		0		0		0		0		0		0						
STSPA GRANTS		0		0		4,000		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)		265		265		265		265		265		265		265						
NRCS (National Resources Conservation Service)		0		0		0		0		0		0		0						
DISCRETIONARY		0		0		0		0		0		0		0						
H-3 DISCRETIONARY		0		0		0		0		0		0		0						
IMD (NHPP Discretionary)		0		0		0		0		0		0		0						
FERRY BOAT DISCRETIONARY / ARRA FBD		0		0		0		0		0		0		0						
	SUBTOTAL	6,693		5,625		11,226		23,150		29,632		21,190								
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(265)		(265)		(4,265)		(265)		(265)		(265)		(265)						
LESS FTA TRANSFER FUNDS		0		0		0		0		0		0		0						
REGULAR FORMULA AUTHORITY	TOTAL	6,428		5,360		6,961		22,885		29,367		20,925								

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<b>OAHU : STATE - FHWA</b>																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	20,584	0	20,584	33,200	0	33,200	25,400	0	25,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
SysPres																				
Kamehameha Highway (Route 83) Resurfacing, Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66	CON	14,551	1,835	12,716																
Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place.	CON	17,700	14,600	3,100																
Farrington Highway (Rte 93) Resurfacing Killi Street to Satellite Tracking Station	CON				16,000	12,800	3,200													
Mokapu Saddle Road (RTE 65) Resurfacing Nanamoana Street to Oneawa Street	CON							10,000	8,000	2,000										
Kalihi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	CON							9,000	1,300	7,700										
	ADVCON										0	3,900	(3,900)	0	2,000	(2,000)				
<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.</i>																				
<i>Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).</i>																				
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://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 Ulehuwa Stream Bridge	ROW													603	482	121				
SysPres	CON																			
<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																
SysPres	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 Makaha Bridges #3 & #3A	ROW										1,170	936	234							
SysPres	CON																			
	ADVCON																			
<i>Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																				
OS66. Farrington Highway (Route 93) Corridor Study	PLN							500	400	100										
Congest																				
<i>Estimated Total Project Cost - \$500,000 -- Conduct a corridor/feasibility study of the Nanakuli, Mali, Waianae, and Makaha corridor on the island of Oahu with the objective of identifying recommendations to provide a second access into and out of the area, reducing congestion, increasing capacity, and improving safety.</i>																				
OS5. Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200	(1,200)													
Congest	CON				5,100	4,080	1,020													
Phase 1C Part 3	CON																			
Phase 2A	CON										10,200	200	10,000							
System Manager	ADVCON													0	4,960	(4,960)	0	3,000	(3,000)	
Phase 3	OPR				2,020	1,616	404													
	PE1																			
	PE2																			
<i>Estimated Total Project Cost - \$200,000,000 -- The program 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 program will be implemented in phases.</i>																				
<i>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>																				
OS57. Freeway Management System, Joint Traffic Management Center Operations (State)	OPR										350	280	70	350	280	70	350	280	70	
Congest																				
<i>Estimated Total Project Cost - \$1,400,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.</i>																				
OS9. Freeway Service Patrol	OPR	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	
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	CON				2,228	1,782	446													
Safety	PE1													177	0	177				
Phase 2	PE2																			
Phase 3	PE1																94	0	94	
																	170	136	34	
<i>Estimated Total Project Cost - \$10,000,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																				
OS64. Honolulu Rail Transit Project - Highway Improvements	CON				3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750							
Transit																				
<i>Estimated Total Project Cost - \$41,250,000 -- Traffic improvements to traffic control devices and intersections affected by rail construction along the West Oahu Farrington Highway (Routes 7110 &amp; 7101 from Old Fort Weaver Road to Waipahu High School) and Kamehameha Highway (Route 99 from Acacia Road to Aloha Stadium) Guideway construction corridors.</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	
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>																				



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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)	
OS53 SysPres Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	DES	1,300	1,040	260																NHPP  RE-PURPOSED EARMARKS
	ROW	165	132	33																
	CON							2,500	2,000	500										
	CON							2,000	1,600	400										
<i>Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge</i>																				
OS27 SysPres Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	ROW												297	238	59					NHPP
	CON															6,367	1,094	5,273		
	ADVCON																			
<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 SysPres Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON												17,600	4,080	13,520					NHPP
	ADVCON															0	10,000	(10,000)		
	<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																			
OS29 SysPres Kamehameha Highway (Route 83), Bridge Replacement Kaluanui Stream Bridge	ROW								663	530	133									NHPP
	CON												9,200	2,360	6,840					
	ADVCON															0	5,000	(5,000)		
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS30 SysPres Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	ROW	75	0	75																NHPP
	DES	1,100	880	220																
	CON							6,300	5,040	1,260										
<i>Estimated Total Project Cost - \$7,500,000 -- Replace the existing bridge.</i>																				
OS54 SysPres Kamehameha Highway (Route 99), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	DES	1,800	1,440	360																NHPP
	ROW	25	0	25																
	CON				11,675	9,340	2,335													
<i>Estimated Total Project Cost - \$13,500,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																				
OS31 SysPres Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW								208	166	42									NHPP
	CON											9,740	792	8,948						
	ADVCON															0	7,000	(7,000)		
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				

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		TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)									
OS32. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	ROW CON ADVCON									1,040	832	208				27,050	11,640	15,410				0	10,000	(10,000)	NHPP			
<i>Estimated Total Project Cost - \$30,300,000 -- Replace the existing bridge.</i>																												
OS34. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waiahole Bridge	ROW CON ADVCON															585	468	117							15,000	4,000	11,000	NHPP
<i>Estimated Total Project Cost - \$16,000,000 - replace the existing bridge</i>																												
OS35. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	ROW CON															281	225	56							11,000	2,800	8,200	NHPP
<i>Estimated Total Project Cost - \$12,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																												
OS36. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waipio Stream Bridge	ROW									1,020	816	204																NHPP
<i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																												
OS61. Kamehameha Highway (Route 83) Realignment, Safety Vicinity of Kawaihoa Beach	PE2 ADVCON PREROW									2,900	100	2,800				0	2,220	(2,220)							50	40	10	NHPP
<i>Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.</i>																												
OS55. Kamehameha Highway (Route 83) Safety Improvements Safety Kahana Valley Road to Kaaawa Bridge	CON				1,632	1,306	326																					HSIP
<i>Estimated Total Project Cost - \$1,850,000 -- 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 Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON									1,700	1,360	340																HSIP
<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>																												
OS65. Kamehameha Highway (RTE 83) Shoreline Mitigation SysPres Vicinity of Kualoa, Kaaawa, Punaluu and Hauula	PE2 ADVCON				0	0	0			1,300	1,040	260				0	0	0							0	0	0	NHPP cost increase. Defer to 2018. A.2, A.11 Defer CON until the shoreline program can identify treatments. A.2, A.6
<i>Estimated Total Project Cost - \$11,100,000 -- Repair identified locations along the coastal highway that have a very high probability of further erosion in the immediate future.</i>																												
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Kaaawa (#10)	CON															10,820	8,640	2,180										NHPP
<i>Estimated Total Project Cost - \$12,400,000 -- 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, Safety Vicinity of Punaluu (#9)	CON																								7,650	6,120	1,530	NHPP
<i>Estimated Total Project Cost - \$8,900,000 -- 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, Enhance Vicinity of Ukoa Pond	CON ADVCON									6,500	100	6,400				0	5,100	(5,100)										NHPP
<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>																												
OS43. Leeward Bikeway Enhance Waipio Point Access Road to Hawaiian Railway Society Philippine Sea Road to Waipahu Depot Street	CON ADVCON									9,360	100	9,260				0	7,388	(7,388)										STP ENHANCEMENT Refine limits. A.3
<i>Estimated Total Project Cost - \$11,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Hawaiian Railway Society.</i>																												
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Safety Guardrail and Shoulder Improvements, Phase 1	CON ADVCON				4,400	0	4,400						4,400			0	3,520	(3,520)										NHPP
<i>Estimated Total Project Cost - \$5,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																												
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON ADVCON				12,200	0	12,200						0	4,260	(4,260)	0	5,500	(5,500)										NHPP
<i>Estimated Total Project Cost - \$13,000,000 -- 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 SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON ADVCON									2,533	26	2,507				0	2,000	(2,000)										NHPP
<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>																												





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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	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
<i>Human</i> <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 the purchase of buses - for the program audience.</i>																				
OS68. HDOT State Safety Oversight Program	OPR							875	700	175	281	225	56	290	232	58	299	239	60	FTA SECTION 5329
<i>Transit</i> <i>Estimated Total Project Cost - \$1,745,000 -- This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will Implement 49 CFR Part 674 State Safety Oversight Final Rule.</i>																				
<b>OAHU : STATE - FTA TOTAL</b>		<b>482</b>	<b>385</b>	<b>97</b>	<b>497</b>	<b>397</b>	<b>100</b>	<b>1,387</b>	<b>1,109</b>	<b>278</b>	<b>810</b>	<b>647</b>	<b>163</b>	<b>836</b>	<b>667</b>	<b>169</b>	<b>863</b>	<b>688</b>	<b>175</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																					
OC1. Alapai Transportation Management Center <b>Safety</b>	DES	1	0	1	6	1	5	10	0	10										STP FLEXIBLE	
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25											
	ADVCON	0	12,674	(12,674)	0	16,000	(16,000)														
	EQP	1	0	1	1,700	0	1,700	200	0	200	250	200	50								
	OPR										500	400	100								
<i>Estimated Total Project Cost - \$97,813,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State &amp; emergency response agencies.</i>																					
OC2. Bikeway Improvements Program <b>Enhance</b> Hamakua Drive (RTE 6010)	PE2				1	0	1	103	66	37										STP FLEXIBLE	
	CON							677	541	136	100	80	20								
	INSP							157	125	32	50	40	10								
	TBD - DES 2019	ROW												1	0	1					
	PE1													425	300	125					
	PE2																125	100	25		
	TBD - DES 2020	ROW															1	0	1		
PE1																425	300	125			
<i>Estimated Total Project Cost - \$6,695,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																					
OC3. Bridge Inspection and Appraisal <b>SystemPres</b>	DES	900	720	180	900	720	180	526	0	526	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM	
	<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System <b>Congest</b>	Phase 15 - Nanakuli	PE1									313	0	313							STP FLEXIBLE Fed to Local. A.9 Fed to Local. A.9	
	PE2													250	0	250					
	CON																4,080	3,264	816		
	EQP																1	0	1		
	Phase 16 - Waianae	PE1												250	200	50					
	PE2																	103	82		21
	Phase 17 - TBD	PE1																245	195		50
PE2																	100	80	20		
<i>Estimated Total Project Cost - \$12,508,000 -- 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>																					
OC27. Farrington Highway (Routes 7100 and 9107) Improvements, Phase 1 <b>Modern</b>	PE1							10	0	10	90	0	90	50	0	50				STP FLEXIBLE	
	PE2							990	0	990	10	0	10	4,000	0	4,000	1,000	0	1,000		
	ROW										900	0	900				15,000	0	15,000		
	CON																				
<i>Estimated Total Project Cost - \$142,050,000 -- Construct Improvements to enhance sub-regional roadway connectivity and mobility, increase capacity and accommodate multi-modal transportation options, from Kapolei Golf Course Road to west of Fort Weaver Road. The project might be constructed in phases.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)			
OC6. Kapolei Parkway (Route 8920) Extension <i>Congest</i>	DES	50	0	50																STP FLEXIBLE		
	CON	240	0	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>	PE2						1,500	0	1,500	1,570	0	1,570								STP FLEXIBLE		
<i>Estimated Total Project Cost - \$46,400,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																						
OC28. Safe Routes to School Program (SRTS) <i>Safety</i>																				SAFE ROUTES TO SCHOOL HDOT request that the program be added to the TIP for consistency with the STIP. A.3		
	Kailua Bike Boulevard	PE1					83	83	0													
		PE2														25	25		0			
<i>Estimated Total Project Cost - \$500,000 -- The Safe Routes to School (SRTS) Program has the following goals: enable and encourage children, including those with disabilities, to walk and bicycle to school; make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.</i>																						
OC23. Salt Lake Boulevard Widening <i>Modern</i>	PE1									10	0	10								STP FLEXIBLE		
	PE2									500	0	500	10	0	10							
	ROW												100	0	100							
	CON															34,365	2,865	31,500				
	INSP															9,000	0	9,000				
<i>Estimated Total Project Cost - \$80,000,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Lili'oi Streets.</i>																						
OC8. Traffic Improvements at Various Locations <i>Safety</i>	Phase 1 - Village Park/Kupuna Loop	DES	450	360	90															STP FLEXIBLE  Increase cost estimate. A.11 Increase cost estimate. A.11		
		CON								3,000	2,400	600										
		INSP								450	360	90										
	Phase 2 - Kalaheo Avenue/Kailua Road	ROW											106	85	21							
		CON											1,590	1,272	318							
		INSP											265	212	53							
	Phase 3 - Liliha Street Design - Complete Streets	PE1				350	0	350														
		PE2								250	0	250										
		CON											1,625	0	1,625							
		INSP											130	0	130							
	Phase 4 - University Avenue Design - Complete Streets	PE1								425	0	425										
		PE2											125	0	125							
		CON														1,178	0	1,178				
	Phase 5 - Mahoe and Waipahu Streets	PE2								300	0	300										
	Phase 6 - TBD - DES 2020	PE1											125	100	25							
	PE2														425	300	125					
<i>Estimated Total Project Cost - \$5,875,000 -- 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>	Phase 6 - Kapolei, Ewa, Makakilo	PE1										390	312	78						STP FLEXIBLE		
		PE2													260	208	52					
	Phase 7 - TBD	PE1								1	0	1										
		PE2								100	0	100										
	Phase 8 - TBD	PE1											1	0	1							
		PE2											100	0	100							
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																						

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #16 PROCESSED (Administrative Modification)  
Revision Effective Date: June 5, 2018**

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)		
OC10. Congest	Traffic Signals at Various Locations																				STP FLEXIBLE
	Phase 15 - S. King St/Kealamakai St, Prospect St/Prospect Pl (Flashing beacon with signs), Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa District Park	CON	3,496	2,800	696																
		EQP	4	0	4																
	Phase 16 - Kapiolani Blvd/Kaimuki Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikaola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko St, Kamehameha Hwy/Lipoa St	CON				3,515	2,812	703													
	Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihou St, Kula St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd, King St/Ward Ave, Atkinson Dr/Mahukona St	CON							3,872	3,092	780										
		EQP				5	0	5	4	0	4										
	Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	DES	438	350	88																
		CON											2,882	2,305	577						
		EQP											4	0	4						
	Phase 19 - Waialae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE1			274	219	55														
		PE2							0	0	0										
		CON																			
		EQP																			
	<i>Estimated Total Project Cost - \$11,608,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																				
OC25. Enhance	Transportation Alternatives Program at Various Locations																				TAP-U
	1 - HART Secure Bike Storage Units (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON				500	400	100													
	2 - HART Middle Loch Connector (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON				500	400	100													
	4 - Bikeshare Equipment for Honolulu System Expansion (Estimated Total Project Cost - \$5,723,000)	EQP							3,811	3,049	762										
	3 - Ala Wai Bridge Project (Estimated Total Project Cost - \$6,000,000)	PE1										500	400	100							
		PE2																			
	5 - East Kapolei Rail Station Multi-modal Access Improvements (Estimated Total Project Cost - \$8,400,000)	PE1							600	0	600										
		PE2										1,000	800	200							
	6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON																			
		CON																			
	<i>Estimated Total Project Cost - \$7,889,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OC26. Enhance	Transportation Alternative Program (State)																				TAP
	Phase 4 - Purchase of Bike Share Stations and Bikes	EQP				1,254	999	255													
	Phase 3 - Haleiwa Road Multi-Use Path	PE1				225	172	53													
	Phase 5 - Transit Oriented Development Wayfinding Master Plan	PE1				170	128	42													
	Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds)	PE2/CON				250	200	50													
	<i>Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OC11. SysPres	Waipio Point Access Road (Route 7139) Improvements																				STP FLEXIBLE
		CON	158	96	62																
	<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 SUBTOTAL</b>		<b>29,508</b>	<b>17,000</b>	<b>12,508</b>	<b>26,254</b>	<b>16,940</b>	<b>9,314</b>	<b>8,068</b>	<b>3,544</b>	<b>4,524</b>	<b>13,595</b>	<b>7,292</b>	<b>6,303</b>	<b>13,679</b>	<b>5,786</b>	<b>7,893</b>	<b>71,517</b>	<b>11,558</b>	<b>59,959</b>	
	<b>OAHU : C&amp;C OF HONOLULU   SRFS - FHWA TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>0</b>	
	<b>OAHU : C&amp;C OF HONOLULU   TAP - FHWA TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>2,899</b>	<b>2,299</b>	<b>600</b>	<b>4,411</b>	<b>3,049</b>	<b>1,362</b>	<b>1,500</b>	<b>1,200</b>	<b>300</b>	<b>3,389</b>	<b>2,711</b>	<b>678</b>	<b>1,000</b>	<b>800</b>	<b>200</b>	
	<b>OAHU : C&amp;C OF HONOLULU - FHWA TOTAL</b>		<b>29,508</b>	<b>17,000</b>	<b>12,508</b>	<b>29,153</b>	<b>19,239</b>	<b>9,914</b>	<b>12,562</b>	<b>6,676</b>	<b>5,886</b>	<b>15,095</b>	<b>8,492</b>	<b>6,603</b>	<b>17,068</b>	<b>8,497</b>	<b>8,571</b>	<b>72,542</b>	<b>12,383</b>	<b>60,159</b>	

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		TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	
<b>CITY &amp; COUNTY OF HONOLULU - FTA</b>																				
OC12. Agency-Provided Trips																				
Human																				
	OPR	334	167	167																
	OPR				209	104	105													
	OPR	512	249	263																
	OPR				722	307	415													
	OPR	733	0	733	1,087	0	1,087	2,259	0	2,259	3,100	0	3,100	3,223	0	3,223	3,352	0	3,352	
		<i>Estimated Total Project Cost - \$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																				
FY2015 = 17- 40' buses + 19-60' buses + 19 small vans + 6 < 30' buses	EQP	15,086	11,461	3,625																
	EQP	2,403	1,923	480																
	EQP	2,673	2,158	515																
	EQP	8,636	6,909	1,727																
FY2016 = 30 -30' buses + 0-35' buses + 15-40' buses + 10-60' buses	EQP				3,688	2,519	1,169													
	EQP				16,706	12,933	3,773													
	EQP				5,863	4,695	1,168													
	INSP				48	38	10													
FY2017 = 60 -30' buses + 10-40' buses + 10-60' buses	EQP							1,927	0	1,927										
	EQP							853	618	235										
	EQP							975	0	975										
	EQP							1,501	0	1,501										
	INSP							10	0	10										
FY2018 = 60 < 30' buses + 10-40' buses + 10-60' buses	EQP										16,491	13,192	3,299							
	EQP										0	0	0							
	EQP										4,110	3,288	822							
	EQP										4,369	3,495	874							
	INSP										49	39	10							
FY2019 (TBD)	EQP													37,880	32,238	5,642				
	EQP													2,626	2,100	526				
	EQP													10,541	8,432	2,109				
	EQP													775	620	155				
FY2020 (TBD)	EQP																20,825	18,594	2,231	
	EQP																1,564	1,251	313	
	EQP																3,480	2,496	984	
	EQP																			
		<i>Estimated Total Project Cost - \$153,918,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																		
OC14. Bus Stop ADA Access and Site Improvements																				
Transit																				
	PLN	1	0	1	5	0	5	5	0	5	5	0	5	1	0	1	1	0	1	
	DES	270	0	270	365	0	365	365	0	365	365	0	365	270	0	270	270	0	270	
	CON	621	300	321	495	145	350	100	0	100	350	0	350	321	0	321	321	0	321	
	ROW	5	0	5	20	0	20							5	0	5	5	0	5	
	EQP				5	0	5	5	0	5	5	0	5							
	RELOC	1	0	1	5	0	5	20	0	20	5	0	5	1	0	1	1	0	1	
	INSP										20	0	20							
		<i>Estimated Project Cost - \$4,185,000 - Modify bus stops to comply with the Americans with Disabilities Act (ADA). Improve the mobility independence for transit users of all ages and abilities, pedestrian access, and the number of ADA accessible bus stops.</i>																		
		<i>This project incorporates the scope of three previously individual projects: OC14, Bus Stop ADA Access Improvements; OC15, Bus Stop Site Improvements; and OC22, Pedestrian Transit Connections.</i>																		
OC15. Bus Stop Site Improvements																				
Transit																				
	PLN	5	0	5																
	ROW	1	0	1																
	DES	90	0	90																
	CON	1,735	1,330	405																
	EQP	1	0	1																
		<i>Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																		
OC24. Capital Training																				
Transit																				
	OPR	25	20	5	25	20	5	25	20	5	0	0	0	26	21	5	28	22	6	
		<i>Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.</i>																		



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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA FUNDING CATEGORY SUMMARY - OAHU</b>																				
NHPP (National Highway Performance Program)		85,132			61,233			59,857			63,963			125,209			114,731			
BRIDGE OFF-SYSTEM		720			720			0			720			800			800			
STP ENHANCEMENT / TAP		0			2,299			3,049			1,300			10,099			800			
STP FLEXIBLE		16,280			19,220			26,544			21,572			4,986			12,818			
SECTION 1404 - (Safe Routes to School)		0			0			83			0			0			25			
HSIP (Highway Safety Improvement Program)		0			4,160			3,440			1,656			3,000			136			
NATIONAL RECREATIONAL TRAILS		287			287			287			287			287			287			
CMAQ (Congestion Mitigation Air Quality)		0			0			0			0			0			0			
FTA TRANSFER FUNDS		0			0			0			0			0			0			
EQUITY BONUS		0			0			0			0			0			0			
EARMARK - HIGH PRIORITY		0			0			0			0			2,200			0			
EARMARK - RE-PURPOSED EARMARKS		0			0			2,000			0			0			0			
EARMARK - SECTION 112		0			0			0			0			0			0			
EARMARK - SECTION 115		0			0			0			0			0			0			
EARMARK - SECTION 117		0			0			0			0			0			0			
FLHD (Federal Lands Highway Discretionary)		0			0			0			0			0			0			
NRCS (National Resources Conservation Service)		0			0			0			0			0			0			
DISCRETIONARY		0			0			0			0			0			0			
HIGHWAYS FOR LIFE		0			0			0			0			0			0			
IMD (NHPP Discretionary)		4,300			0			2,300			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0			0			0			0			0			
SUBTOTAL		106,719			87,919			97,560			89,498			146,581			129,597			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(4,300)			0			(4,300)			0			(2,200)			0			
LESS FTA TRANSFER FUNDS		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY		102,419			87,919			93,260			89,498			144,381			129,597			



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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	
<b>HAWAII - STATE - FHWA</b>																				
HS2. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
HS23. Daniel K. Inouye Highway (Route 200) Extension	PE2						260	208	52											STP FLEXIBLE
Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW						260	208	52											
<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	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)
Phase 2D: East Side Grade & Pave, MP 6 to MP 11																				
<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	PE1																35	28	7	STP FLEXIBLE
	PE2																65	52	13	
<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									1,173	938	235								NHPP
	CON																10,600	8,480	2,120	
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																				
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge	CON									5,600	480	5,120								NHPP
	ADVCON												0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, 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												0	0	0					NHPP Delete project. Will be implemented under open end w/o's instead. A.5
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																				
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW						270	216	54											NHPP
	CON																			
	ADVCON																			
<i>Estimated Total Project Cost - \$60,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																				
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW												2,290	1,832	458					NHPP
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																				

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		TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)					
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								2,020	1,616	404			STP FLEXIBLE				
	ROW																							
	CON																							
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements <i>Estimated Total Project Cost - \$32,000,000 -- 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				3,692	2,954	738														STP FLEXIBLE			
	CON				520	468	52															HSIP		
	CON																							
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2 <i>Estimated Total Project Cost - \$4,040,000 -- 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							4,000	3,200	800														
	CON																							
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7) <i>Estimated Total Project Cost - \$10,000,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																	STP FLEXIBLE			
	ROW	100	0	100																				
	CON							7,500	6,000	1,500														
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement <i>Estimated Total Project Cost - \$9,454,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																	STP FLEXIBLE			
	ROW	65	0	65																				
	CON							5,500	4,400	1,100											RE-PURPOSED EARMARKS			
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa <i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON											9,735	788	8,947							STP FLEXIBLE			
	ADVCON														0	7,000	(7,000)							
	CON				6,120	4,896	1,224															STP FLEXIBLE		
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9 <i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>	CON							1,457	1,311	146											HSIP			
	CON																							
	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	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
	CON																							
	CON																							
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				180	144	36															HSIP		
	CON							1,265	1,140	125														
	CON																							
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park <i>Estimated Total Project Cost - \$6,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																		NHPP		
	CON											0	0	0								RE-PURPOSED EARMARKS		
	ADVCON														0	0	0					Defer CON out of the STIP due to budget constraints. Will fund through opened funding sources for the pavement scope. A.10		
<b>HAWAII : STATE - FHWA TOTAL</b>		<b>66,186</b>	<b>48,788</b>	<b>17,398</b>	<b>27,490</b>	<b>8,844</b>	<b>18,646</b>	<b>38,886</b>	<b>18,182</b>	<b>20,704</b>	<b>33,382</b>	<b>2,505</b>	<b>30,877</b>	<b>21,184</b>	<b>14,747</b>	<b>6,437</b>	<b>29,134</b>	<b>10,107</b>	<b>19,027</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 (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
<b>COUNTY OF HAWAII - FHWA</b>																					
HC1. Allii Drive (Route 186) Culvert Replacement <b>System Preservation</b>	CON										12,320	6,856	5,464							STP FLEXIBLE	
	ADVCON													0	3,000	(3,000)					
<i>Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																					
HC3. Bridge Inspection and Appraisal <b>System Preservation</b>	PLN				200	160	40				200	160	40					200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																					
HC10. Hakalau Stream Bridge Replacement (Route 222) <b>System Preservation</b>	PE1							150	0	150											STP FLEXIBLE
	PE2							250	0	250											
	CON							3,000	2,400	600											
<i>Estimated Total Project Cost - \$3,400,000 -- Repair or reconstruct and restore the structural integrity and safety of the Hakalau Stream Bridge.</i>																					
HC11. Kaahakini Stream Bridge Rehabilitation <b>System Preservation</b>	PE1							0	0	0											STP FLEXIBLE
	PE2										0	0	0								
	CON																	0	0	0	
<i>Estimated Total Project Cost - \$5,500,000 -- Repair or reconstruct and restore the structural integrity and safety of the Kaahakini Stream Bridge.</i>																					
HC4. Kawaiiani Street (Rte 2760) Improvements <b>Congestion</b> Vicinity of Kanoelani Street to Vicinity of Kuhlani Street Phase 2B	CON				18,100	11,104	6,996														STP FLEXIBLE
	ADVCON							0	3,216	(3,216)											
	ADVCON							0	160	(160)											
<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 <b>Modern</b> Hualalai Road (Route 188) to Proposed Allii Highway (Route 1110)	PE2													1,632	1,305	327					STP FLEXIBLE
	CON																17,700	9,920	7,780		
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Allii 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. Mamelahoa Highway (Route 19) Widening <b>Modern</b> (Mud Lane to Mana Road)	CON							11,080	5,864	5,216											NHPP
	ADVCON										0	3,000	(3,000)								
<i>Estimated Total Project Cost - \$24,000,000 -- To widen and provide left-turn pockets for eighteen (18) intersections along the Mamelahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																					
<b>HAWAII : COUNTY OF HAWAII - FHWA TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>18,300</b>	<b>11,264</b>	<b>7,036</b>	<b>14,480</b>	<b>11,640</b>	<b>2,840</b>	<b>12,520</b>	<b>10,016</b>	<b>2,504</b>	<b>1,632</b>	<b>4,305</b>	<b>(2,673)</b>	<b>17,900</b>	<b>10,080</b>	<b>7,820</b>		

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	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	1,750	1,400	350	1,803	1,442	361	1,856	1,485	371	FTA SECTION 5339 (Rural Bus Prgrm) Increase due to an overall increase in program funding. A.15
<i>Estimated Total Project Cost - \$7,020,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC12. Bus and Bus Facility (discretionary)	EQP							475	380	95										FTA SECTION 5339 (Rural Bus Prgrm)
<i>Estimated Total Project Cost - \$475,000 -- Capital projects to replace buses.</i>																				
HC9. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000 -- 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>2,637</b>	<b>1,478</b>	<b>1,159</b>	<b>3,193</b>	<b>1,903</b>	<b>1,290</b>	<b>3,980</b>	<b>2,515</b>	<b>1,465</b>	<b>4,101</b>	<b>2,591</b>	<b>1,510</b>	<b>4,224</b>	<b>2,669</b>	<b>1,555</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 (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	
<b>FHWA FUNDING CATEGORY SUMMARY - HAWAII</b>																				
NHPP (National Highway Performance Program)		213	0		6,080	0		4,418	0		5,832	0		9,728	0					
BRIDGE OFF-SYSTEM		0	0		0	0		0	0		0	0		0	0					
STP ENHANCEMENT/TAP		0	0		0	0		0	0		0	0		0	0					
STP FLEXIBLE		48,240		19,197	16,432		7,804		12,921		10,160									
SECTION 1404 - (Safe Routes to School)		0	0		0	0		0	0		0	0		0	0					
HSIP (Highway Safety Improvement Program)		36	612		5,651	0		0	0		0	0		0	0					
NATIONAL RECREATIONAL TRAILS		299	299		299	299		299	299		299	299		299	299					
CMAQ (Congestion Mitigation Air Quality)		0	0		0	0		0	0		0	0		0	0					
FTA TRANSFER FUNDS		0	0		0	0		0	0		0	0		0	0					
EQUITY BONUS		0	0		0	0		0	0		0	0		0	0					
EARMARK - HIGH PRIORITY		0	0		0	0		0	0		0	0		0	0					
EARMARK - RE-PURPOSED EARMARKS		0	0		1,360	0		0	0		0	0		0	0					
EARMARK - SECTION 112		0	0		0	0		0	0		0	0		0	0					
EARMARK - SECTION 115		0	0		0	0		0	0		0	0		0	0					
EARMARK - SECTION 117		0	0		0	0		0	0		0	0		0	0					
FLHD (Federal Lands Highway Discretionary)		0	0		0	0		0	0		0	0		0	0					
NRCS (National Resources Conservation Service)		0	0		0	0		0	0		0	0		0	0					
DISCRETIONARY		0	0		0	0		0	0		0	0		0	0					
HIGHWAYS FOR LIFE		0	0		0	0		0	0		0	0		0	0					
IMD (NHPP Discretionary)		0	0		0	0		0	0		0	0		0	0					
FERRY BOAT DISCRETIONARY / ARRA FBD		0	0		0	0		0	0		0	0		0	0					
	SUBTOTAL	48,788	20,108		29,822	12,521		19,052	20,187											
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		0	0		(1,360)	0		0	0		0	0		0	0					
LESS FTA TRANSFER FUNDS		0	0		0	0		0	0		0	0		0	0					
REGULAR FORMULA AUTHORITY	TOTAL	48,788	20,108		28,462	12,521		19,052	20,187											

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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	17,700	0	17,700	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
Kuihelani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave																				
	CON	11,300	8,500	2,800																
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.																				
MS2. Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
at Various Locations, Maui																				
	CON				1,000	800	200				1,000	800	200				1,000	800	200	Clarifying project limits. A.3
Part 2—Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue																				
Part 3 - Kula Hwy (Rte 37) MP 10.0 -18.78																				
Part 4																				
Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.																				
MS18. Hana Highway Bridge Preservation Program	PE1									1,100	880	220								STP FLEXIBLE
Phase 1																				
	PE2									0	0	0	1,010	808	202					Defer/Inflate. PE1 just started.
	ROW												0	0	0	1,075	860	215		PE2 and ROW \$ will not be needed in 2018 and 2019. A.2
Estimated Total Project Cost - \$25,000,000 -- Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded.																				
Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW																104	83	21	NHPP
Honolua Bridge																				
	CON																5,825	4,660	1,165	
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																				
MS6. Honoapiilani Highway (Route 3000) Realignment	DES	50	40	10																NHPP
Phase 1B2 - Hokiokio Place to Relocated Southern Terminus																				
	ROW				100	0	100													
	PE2/CON				38,875	31,100	7,775													
Estimated Total Project Cost - \$98,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements	CON							1,352	1,217	135										HSIP
Ukumehame to Olowalu																				
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.																				
MS17. Honoapiilani Highway (Route 30), Safety Improvements	CON							0	0	0	3,150	2,520	630							HSIP
Vicinity of Kapoli Street to Papalaua Beach Park																				
Estimated Project Cost - \$3,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection	CON	3,250	2,600	650																NHPP
Vicinity of Olowalu																				
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection	PREROW	20	16	4																STP FLEXIBLE
Kahului Bay																				
	ROW							240	192	48										
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.																				
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)
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.																				
MS20. Piilani Highway (Route 31) Safety Improvements	DES				90	81	9													HSIP
N. Kihei Rd to the Vicinity of Wailea Ike Dr., MP 0.0 to MP 7.15																				
Estimated Project Cost - \$1,700,000 ---Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; shoulder widening where possible; traffic signal interconnectivity if possible; installation of backplates with retroreflective borders for all traffic signal heads; extend right turn acceleration lane from Welakahao Rd; install rumble strips in turning lanes; pavement markings; and sign																				
MS13. Puunene Ave. (Rte 3500) Improvements,	PREROW	34	26	8																STP FLEXIBLE
Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)																				
	ROW							158	126	32										
	CON												10,000	3,000	7,000					
	ADVCON															0	5,000	(5,000)		
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.																				
<b>MOLOKAI</b>																				
MS15. Kamehameha V Highway (Route 450), Bridge Replacement	CON															7,535	6,028	1,507		STP FLEXIBLE
Makakupaia Stream Bridge																				
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.																				
<b>MAUI : STATE - FHWA TOTAL</b>		<b>32,803</b>	<b>11,541</b>	<b>21,262</b>	<b>61,014</b>	<b>32,340</b>	<b>28,674</b>	<b>22,699</b>	<b>1,894</b>	<b>20,805</b>	<b>27,799</b>	<b>5,839</b>	<b>21,960</b>	<b>31,959</b>	<b>4,167</b>	<b>27,792</b>	<b>36,488</b>	<b>17,790</b>	<b>18,698</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	
<b>COUNTY OF MAUI - FHWA</b>																				
MC1. SysPres	Alaialua 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. SysPres	Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Haliimaile Road to Hana Hwy	CON			6,700	5,000	1,700													STP FLEXIBLE
<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. SysPres	Bridge Inspection and Appraisal	PLN	427	342	85			100	80	20			300	240	60					STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,000,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.</i>																				
MC4 Congest	Central Maui Traffic Signal Upgrades Papa Ave (Rte 3910, MP 1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66) Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)	DES CON					270	0	270				0	0	0	1,313	1,050	263		STP FLEXIBLE defer/inflate. NTP just given. Will not make 2019. A.2
<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 Safety	Guardrail and Shoulder Improvements, Various Locations Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 Phase 2	CON CON											1,592	1,200	392					STP FLEXIBLE  Delete Ph 2. No scope of work is set for phase 2. A.5
<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. SysPres	Hahalawe Bridge Replacement, Hana Highway (Route 3700), MP 31.05	DES CON			700	0	700									7,550	5,400	2,150		STP FLEXIBLE
<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>																				
MC10. SysPres	Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40	CON											0	0	0	3,720	2,596	1,124		STP FLEXIBLE Defer/inflate; project not ready for obligation in 2019. A.5
<i>Estimated Total Project Cost - \$4,000,000 -- 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. SysPres	Kahawaiokapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	DES CON	830	24	806								0	0	0	5,676	3,709	1,967		STP FLEXIBLE Defer/inflate; still working on Section 106. A.5
<i>Estimated Total Project Cost - \$6,500,000 -- 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. SysPres	Kanaloa Avenue (Route 3420, MP 0-MP 0.9), Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waialea Road (Route 3180)	DES CON						0	0	0			0	0	0					STP FLEXIBLE Delete project since CON is scheduled for 2021. A.5
<i>Estimated Total Project Cost - \$7,100,000 -- 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>																				
MC41 SysPres	Kaupakalua Road (Route 365) Pavement Rehabilitation Reconstruction Phase 1 - Kokomo Road to East Kuiaha Road Phase 2 - East Kuiaha Road to Hana Highway	DES CON CON						550	0	550			7,500	5,100	2,400	7,700	5,600	2,100		STP FLEXILE Correct description. A.3
<i>Estimated Total Project Cost - \$15,750,000 -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of 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. Kihai Bikeway, Phase 2, Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekual Street	CON	3,590	2,872	718																STP ENHANCEMENT
<i>Estimated Total Project Cost - \$5,700,000 -- 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	CON				9,500	6,960	2,540													STP FLEXIBLE
MC14. Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction																				
MC14. Piipolo Road to Kokomo Road (Route 366)																				
<i>Estimated Total Project Cost - \$11,000,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC15. Koukouai Bridge Modifications, Piilani Highway (Route 3700), MP 28.59	CON												0	0	0					STP FLEXIBLE Delete project, will only use local funds. A.5
<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, Kualau Street to Honoapiilani Highway (Route 30)	DES	185	8	177																STP FLEXIBLE
MC16. CON					2,150	1,720	430													
<i>Estimated Total Project Cost - \$2,300,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC17. Kulanihakai Bridge Replacement, South Kihai Road (Route 3100), MP 1.40	CON									4,243	3,329	914								STP FLEXIBLE
<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, 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, Phase IV, Hoohui Road to Napiliu Road (Route 3090)	DES				0	0	0													STP FLEXIBLE Delete project. CON is now scheduled for 2023. A.5
MC19. CON													0	0	0					
<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) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES							300	0	300										STP FLEXIBLE
MC20. CON																	5,100	4,000	1,100	
<i>Estimated Total Project Cost - \$5,400,000 -- 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, Kahului Beach Road (Route 3400) to Hala Place	DES				0	0	0													STP FLEXIBLE Delete project. CON is now scheduled for 2021. A.5
MC21. CON													0	0	0					
<i>Estimated Total Project Cost - \$4,000,000 -- 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) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW				0	0	0													STP FLEXIBLE Delete project. CON is now scheduled for 2022 A.5
MC22. CON													0	0	0					
<i>Estimated Total Project Cost - \$2,100,000 -- 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	CON												0	0	0					STP FLEXIBLE Delete project; may be combined with a larger project in the future. Not currently in the county budget A.5
MC23. Congest																				
<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, Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON									1,300	1,040	260								STP ENHANCEMENT
<i>Estimated Total Project Cost - \$1,800,000 -- 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), Kaonoulu Street to Namaou Place	DES	450	0	450																STP FLEXIBLE
MC25. Modern	CON																7,190	5,000	2,190	
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																				



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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road	DES ROW CON				0	0	0				0	0	0				0	0	0	STP FLEXIBLE  Delete project since CON will be deferred beyond FFY 2020. A.5
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																				
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	DES CON						130	0	130					0	0	0	1,263	1,010	253	STP FLEXIBLE  Defer/inflate. Current schedule shows PS&E will not be ready by 2019 A.5
<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC40. Old Haleakala Hwy (Route 367) Aeoloa Rd to Kula Hwy. (Route 37), Reconstruction	CON	4,958	3,527	1,431																STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,500,000 -- Reconstruct pavement on Old Haleakala Highway from Aeoloa Road to Kula Hwy. Including pavement striping and marking and utility adjustments.</i>																				
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, Reconstruction & Kea St. (Rte 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES CON	370	0	370										2,290	1,760	530				STP FLEXIBLE  Correct description. A.3
<i>Estimated Total Project Cost - \$2,700,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals  at Hina Avenue (Route 3930, MP 0.8)	CON													0	0	0				STP FLEXIBLE  Delete project. It's been determined that the intersection operates sufficiently therefore improvements are not necessary at this time. A.5
<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																				
MC30. Papalua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Waiee Street (Route 3015, MP 0.3-MP 0.34)	DES CON	130	0	130										1,837	1,470	367				STP FLEXIBLE  Incr cost estimate A.15
<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalua Street and Waiee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC31. Pavement Rehabilitation, Various Roads, South Maui Kulanihako Street (Route 3175), MP 0-MP 0.5 Waipuilani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihel Road (Route 3100) to Pillani Highway (Route 31)	DES CON	20	0	20			7,800	5,600	2,200											STP FLEXIBLE
<i>Estimated Total Project Cost - \$7,500,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC43. Safe Routes to School Program (SRTS)  2014 Awards Paia School Frontage and Sidewalk Improvements	CON												950	950	0					SAFE ROUTES TO SCHOOL
<i>Estimated Total Project Cost - ~\$1.5 million/year -- SRTS is an international effort to increase safety and promote walking and bicycling to/from school. Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.</i>																				
MC44. Transportation Alternative Program (TAP)  2017 - Maui Bicycle & Pedestrian Route Development & Wayfinding 2017 - Papa Avenue Complete Street Improvements 2017 - Waiale Road Complete Street Improvements	PLN PE2 PE2						151	121	30				200	160	40					TAP
<i>Estimated Total Project Cost - ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at  Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	CON													0	0	0				STP FLEXIBLE  Delete project. CON is now scheduled for 2021 A.5
<i>Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
MC34. Waipuilani Bikepath  Kulanihako Street (Route 3175) to W. Waipulani Road (Route 3170)	CON													0	0	0				STP ENHANCEMENT  Delete project; evaluating funding feasibility and other possible viable alternative routes. A.5
<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage &amp; markings, and street lighting will also be part of the construction.</i>																				
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON													0	0	0				STP FLEXIBLE  Delete project. CON is now scheduled for 2022 A.5
<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA SUBTOTAL		10,960	6,773	4,187	9,550	6,720	2,830	19,400	12,640	6,760	13,043	9,469	3,574	13,719	10,270	3,449	35,806	25,960	9,846	
MAUI : COUNTY OF MAUI   SRTS - FHWA TOTAL		0	0	0	0	0	0	0	0	0	950	950	0	0	0	0	0	0	0	0
MAUI : COUNTY OF MAUI   TAP - FHWA TOTAL		0	0	0	0	0	0	151	121	30	360	288	72	0	0	0	0	0	0	0
MAUI : COUNTY OF MAUI - FHWA TOTAL		10,960	6,773	4,187	9,550	6,720	2,830	19,551	12,761	6,790	14,353	10,707	3,646	13,719	10,270	3,449	35,806	25,960	9,846	

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	
<b>COUNTY OF MAUI - FTA</b>																				
MC36. Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,750	1,400	350	1,803	1,442	361	1,856	1,485	371	FTA SECTION 5339 (Bus and Bus Facilities Prgm) Increase due to an overall increase in program funding. A.15
Transit																				
<i>Estimated Total Project Cost - \$8,302,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																				
MC42. Metropolitan Transportation Planning Program	PLN	208	166	42	209	167	42	215	172	43	221	177	44	229	183	46	235	188	47	FTA SECTION 5305(d) Kahului (pop 50,000-199,000)
Transit																				
<i>Estimated Total Project Cost - \$1,317,256 -- Planning projects.</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311(b)(3)
Transit																				
<i>Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului	PLN/EQP/OPR										2,643	2,114	529							FTA SECTION 5307 - Kahului (pop. 50,000 - 199,999) Adjustment due to input error. A.3
Transit																				
<i>Estimated Total Project Cost - \$2,643,000 -- 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	344	275	69	354	283	71	365	292	73	FTA SECTION 5310 Decrease due to overall decrease in program funding. A.15
Human																				
<i>Estimated Total Project Cost - \$2,362,000 -- 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>2,562</b>	<b>1,749</b>	<b>813</b>	<b>2,656</b>	<b>1,809</b>	<b>847</b>	<b>2,736</b>	<b>1,864</b>	<b>872</b>	<b>6,070</b>	<b>4,522</b>	<b>1,548</b>	<b>3,532</b>	<b>2,481</b>	<b>1,051</b>	<b>3,636</b>	<b>2,555</b>	<b>1,081</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 (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	
<b>FHWA FUNDING CATEGORY SUMMARY - MAUI</b>																				
NHPP (National Highway Performance Program)		11,140			31,100			0			0			0			4,743			
BRIDGE OFF-SYSTEM		0			0			0			0			0			0			
STP ENHANCEMENT/TAP		2,872			0			121			1,328			0			0			
STP FLEXIBLE		3,943			7,520			12,958			10,109			14,078			38,648			
SECTION 1404 - (Safe Routes to School)		0			0			0			950			0			0			
HSIP (Highway Safety Improvement Program)		0			81			1,217			3,800			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 - RE-PURPOSED EARMARKS		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	18,314			39,060			14,655			16,546			14,437			43,750			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		0			0			0			0			0			0			
LESS FTA TRANSFER FUNDS		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY	TOTAL	18,314			39,060			14,655			16,546			14,437			43,750			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)						
<b>KAUAI : STATE - FHWA</b>																			
KS1. Bridge and Pavement Improvement Program, Kauai Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05	CON	11,250	0	11,250	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE		
	CON	3,750	3,000	750															
<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 Part 3 Part 4 Part 5	CON			1,020	816	204											STP FLEXIBLE		
	DES			100	0	100													
	CON						2,600	2,080	520										
	PE1									50	0	50							
	CON										2,000	1,600	400						
<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. Kaunaloa Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	ROW	67	0	67													NHPP		
	CON				4,440	3,552	888												
<i>Estimated Total Project Cost - \$5,365,000 -- Repair/rehabilitate bridge 7E on Kaunaloa Highway update to current bridge standards.</i>																			
KS5. Kaunaloa Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge Phase 1 - Detour Road Phase 2 - Bridge work	ROW	105	0	105													STP FLEXIBLE		
	CON	100	80	20															
	CON				5,025	4,020	1,005												
	CON							27,200	15,000	12,200									
<i>Estimated Total Project Cost - \$35,000,000 -- 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. Kaunaloa Highway (Route 50), Bridge Replacement Omao Bridge	CON									7,800	6,240	1,560					STP FLEXIBLE		
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunaloa Hwy in the vicinity of Omao Road.</i>																			
KS8. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW							0	0	0	850	680	170				NHPP		
	CON										0	0	0	11,275	1,020	10,255	defer/inflate. CatEx anticipated 4/19		
	ADVCON													0	0	0	A.2.		
<i>Estimated Total Project Cost - \$13,000,000 -- 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 Wainiha Stream Bridges #1, #2, #3 Phase 1 - Detour Road Phase 2 - Bridge work	DES	2,100	1,680	420													STP FLEXIBLE		
	ROW	100	0	100															
	CON	100	80	20															
	CON				1,000	800	200												
<i>Estimated Total Project Cost - \$33,000,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																			
KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work	PE							900	720	180							STP FLEXIBLE		
	ROW										630	504	126						
	CON										9,000	2,200	6,800						
	ADVCON													0	5,000	(5,000)			
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																			
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON							13,000	1,000	12,000							STP FLEXIBLE		
	ADVCON										0	6,400	(6,400)	0	3,000	(3,000)			
<i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																			
KS11. Kuhio Highway (Route 56), Maoliuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge work	ROW	120	0	120													NHPP		
	CON				2,470	1,976	494												
	CON									19,375	15,500	3,875							
	CON									2,625	2,100	525							
<i>Estimated Total Project Cost - \$16,500,000 -- Safety improvements at Maoliuna 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, MP 21.4 - 27.1	DES			120	96	24											HSIP		
	CON						1,400	1,120	280										
<i>Estimated Total Project Cost - \$1,520,000 -- 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>																			
KS16. Kuhio Highway (Route 56), Short Term Improvements Kuamoo Road to Temporary Bypass Road	CON							16,000	100	15,900							NHPP		
	ADVCON										0	12,700	(12,700)						
<i>Estimated Total Project Cost - \$20,000,000 -- Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accommodate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.</i>																			
KS13. National Recreational Trails Program - Kauai (DLNR)	CON	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>18,006</b>	<b>5,091</b>	<b>12,915</b>	<b>26,489</b>	<b>11,511</b>	<b>14,978</b>	<b>43,514</b>	<b>18,451</b>	<b>25,063</b>	<b>65,114</b>	<b>20,351</b>	<b>44,763</b>	<b>62,644</b>	<b>54,575</b>	<b>8,069</b>	<b>27,774</b>	<b>12,619</b>	<b>15,155</b>

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)		
<b>COUNTY OF KAUAI - FHWA</b>																					
KC1	Bridge Inspection and Appraisal				125	100	25				125	100	25				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									300	240	60				3,030	2,424	606		STP FLEXIBLE	
	<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>																				
KC16	Improvements to Maluhia Rd. (RTE 520) and Kōloa Rd. (RTE 530)							500	0	500			500			7,750	7,000	750		STP FLEXIBLE (PE as soft match)	
	<i>Estimated Total Project Cost - \$5,000,000 -- Part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and Kōloa Road, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening these roads, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage. Maluhia Rd.: MP 0.0 to 3.35... Kōloa Rd.: MP 0.0 to 3.43.</i>																				
KC17	Improvements to Various Collector Roads									500	0	500				4,500	4,000	500		STP FLEXIBLE (PE as soft match)	
	<i>Estimated Total Project Cost - \$5,000,000 -- part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of the project roads, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening on some project roads (Oloheua Rd. and Kaapuni Rd.) where feasible, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																				
KC13	Kapahi Bridge Replacement				2,000	1,600	400														STP FLEXIBLE
	<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
	<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna 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 Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																				
KC4	Lihue-Anahola Coastal Bike Path																				STP ENHANCEMENT
	<i>Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path</i>																				
	<i>Phase A-1, Kawaihau Elevated Boardwalk, Kawaihau Road to Gore Park</i>																				
	<i>Phase C &amp; D</i>																				
					2,250	2,250	0				404	404	0								defer/inflate. NO CatEx yet. clarification that it's a separate CON package. NOT advance construction. A.2
										505	505	0				1,091	1,091	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>																				
																1,167	1,167	0			
																831	831	0			
	<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 Waiiua Golf Course to Lydgate Park and cost \$9.5 million.</i>																				
	<i>Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path</i>																				
	<i>Phase A - Ninini Point to Ahukini</i>																				
																1,907	1,907	0			
	<i>Phase B - Ninini Point to Nawiliwili Beach Park</i>																				
	<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>																				
KC14	Lihue Town Core Mobility and Revitalization							1,091	953	138											TIGER (2015)
	<i>Estimated Total Project Cost - \$16,253,059 -- 1) Conversion of Eiwa Street to a transit hub; 2) Rice Street road diet and streetscape improvements; 3) Sidewalks on Hoala and Kalena Streets; 4) Hooloko Street bicycle and pedestrian improvements; 5) Civic Center to Convention Hall shared use path; 6) Civic Center Transit Services; and 7) Puaole and Malae Streets bicycle boulevard.</i>																				
KC6	Opaekaa Bridge Rehabilitation										3,535	2,828	707								STP FLEXIBLE
	<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 - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kioiki; Construction of bus stop shelters; Construction of medians and landscaping</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)		
KC8. Puhi Road (Route 5010) Rehabilitation SysPres Phase 1 - Kaunualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	CON	3,300	2,640	660																STP FLEXIBLE	
	DES	250	200	50																	
	CON													3,605	2,884	721					
<i>Estimated Total Project Cost - \$7,100,000 -- 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. Puuopae Bridge Rehabilitation SysPres	CON						3,249	2,599	650												STP FLEXIBLE
	<i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>																				
KC18 Safe Routes to School Program (SRTS) Enhance																					SAFE ROUTES TO SCHOOL
	2014 Awards																				
	1. King Kaunualii School SRTS, Phase 1	CON												0	0	0	450	450	0		0 defer. Scope only recently set. A.2
	2. Koloa Safe Routes, Phase 2	CON												680	680	0					
	2016 Awards																				
3. Kalaheo School SRTS, Phase 1	PE1						68	68	0												
	PE2												15	15	0						
	CON															410	410	0			
<i>Estimated Total Project Cost - ~\$1.5 million/year -- SRTS is an international effort to increase safety and promote walking and bicycling to/from school. Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.</i>																					
KC19 Transportation Alternative Program (TAP) Enhance																					TAP
	2017 - Hanalei Valley Viewpoint Relocation	CON								700	560	140									
<i>Estimated Total Project Cost - ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																					
KAUAI : COUNTY OF KAUAI - FHWA SUBTOTAL		6,425	5,140	1,285	3,466	3,303	163	18,473	15,461	3,012	13,619	11,077	2,542	25,939	22,455	3,484	16,514	15,673	841		
KAUAI : COUNTY OF KAUAI   SRTS - FHWA TOTAL		0	0	0	0	0	0	68	68	0	0	0	0	695	695	0	860	860	0		
KAUAI : COUNTY OF KAUAI   TAP - FHWA TOTAL		0	0	0	0	0	0	0	0	0	700	560	140	0	0	0	0	0	0		
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		6,425	5,140	1,285	3,466	3,303	163	18,541	15,529	3,012	14,319	11,637	2,682	26,634	23,150	3,484	17,374	16,533	841		

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<b>COUNTY OF KAUAI - FTA</b>																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	1,750	1,400	350	1,803	1,442	361	1,856	1,485	371	FTA SECTION 5339 (Rural Bus Prgrm) Increase due to an overall increase in program funding. A.15
<i>Estimated Total Project Cost - \$7,020,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC15. Bus and Bus Facility (discretionary)	EQP							725	580	145										FTA SECTION 5339 (Rural Bus Prgrm)
<i>Estimated Total Project Cost - \$725,000 -- Capital projects to replace buses.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000 -- 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>2,637</b>	<b>1,478</b>	<b>1,159</b>	<b>3,443</b>	<b>2,103</b>	<b>1,340</b>	<b>3,980</b>	<b>2,515</b>	<b>1,465</b>	<b>4,101</b>	<b>2,591</b>	<b>1,510</b>	<b>4,224</b>	<b>2,669</b>	<b>1,555</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 (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	
<b>FHWA FUNDING CATEGORY SUMMARY - KAUAI</b>																				
NHPP (National Highway Performance Program)		0		5,528			0			16,280			13,380			4,368				
BRIDGE OFF-SYSTEM		0		0			0			0			0			0				
STP ENHANCEMENT/TAP		0		2,250			0			1,469			6,521			12,309				
STP FLEXIBLE		9,980		5,736			19,679			11,888			56,878			11,364				
SECTION 1404 - (Safe Routes to School)		0		0			68			0			695			860				
HSIP (Highway Safety Improvement Program)		0		96			1,120			0			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 - RE-PURPOSED EARMARKS		0		0			0			2,100			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 (TIGER 2015)		0		953			12,862			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	10,231		14,814			33,980			31,988			77,725			29,152				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		0		(953)			(12,862)			(2,100)			0			0				
LESS FTA TRANSFER FUNDS		0		0			0			0			0			0				
REGULAR FORMULA AUTHORITY	TOTAL	10,231		13,861			21,118			29,888			77,725			29,152				



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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 (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	TOTAL (\$1000)	FEDERAL (\$7000)	LOCAL (\$3000)	
<b>FTA SUMMARY</b>																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	759	569	190	782	586	196	806	604	202	
OAHU, STATE		482	385	97	497	397	100	1,387	1,109	278	810	647	163	836	667	169	863	688	175	
C&C OF HONOLULU		77,125	48,155	28,970	71,851	43,317	28,534	27,210	18,638	8,572	429,239	173,585	255,654	922,532	319,722	602,810	890,593	293,680	596,913	
COUNTY OF HAWAII		2,520	1,415	1,105	2,637	1,478	1,159	3,193	1,903	1,290	3,980	2,515	1,465	4,101	2,591	1,510	4,224	2,669	1,555	
MAUI, STATE		32,803	11,541	21,262	61,014	32,340	28,674	22,699	1,894	20,805	27,799	5,839	21,960	31,959	4,167	27,792	36,488	17,790	18,698	
COUNTY OF MAUI		2,562	1,749	813	2,656	1,809	847	2,736	1,864	872	6,070	4,522	1,548	3,532	2,481	1,051	3,636	2,555	1,081	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	3,980	2,515	1,465	4,101	2,591	1,510	4,224	2,669	1,555	
<b>FTA TOTAL</b>		<b>118,647</b>	<b>65,240</b>	<b>53,407</b>	<b>141,950</b>	<b>81,419</b>	<b>60,531</b>	<b>61,908</b>	<b>28,579</b>	<b>33,329</b>	<b>472,637</b>	<b>190,192</b>	<b>282,445</b>	<b>967,843</b>	<b>332,805</b>	<b>635,038</b>	<b>940,834</b>	<b>320,655</b>	<b>620,179</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 (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA SUMMARY</b>																				
<b>STATEWIDE</b>		37,705	6,693	31,012	36,045	5,625	30,420	60,486	11,226	49,260	45,970	23,150	22,820	51,090	29,632	21,458	50,580	21,190	29,390	
Oahu - State		158,769	89,719	69,050	99,995	68,680	31,315	281,296	90,884	190,412	114,244	81,006	33,238	154,187	138,084	16,103	146,490	117,214	29,276	
City and County of Honolulu		29,508	17,000	12,508	29,153	19,239	9,914	12,562	6,676	5,886	15,095	8,492	6,603	17,068	8,497	8,571	72,542	12,383	60,159	
<b>ISLAND OF OAHU</b>		188,277	106,719	81,558	129,148	87,919	41,229	293,858	97,560	196,298	129,339	89,498	39,841	171,255	146,581	24,674	219,032	129,597	89,435	
Hawaii - State		66,186	48,788	17,398	27,490	8,844	18,646	38,886	18,182	20,704	33,382	2,505	30,877	21,184	14,747	6,437	29,134	10,107	19,027	
County of Hawaii		0	0	0	18,300	11,264	7,036	14,480	11,640	2,840	12,520	10,016	2,504	1,632	4,305	(2,673)	17,900	10,080	7,820	
<b>ISLAND OF HAWAII</b>		66,186	48,788	17,398	45,790	20,108	25,682	53,366	29,822	23,544	45,902	12,521	33,381	22,816	19,052	3,764	47,034	20,187	26,847	
Maui - State		32,803	11,541	21,262	61,014	32,340	28,674	22,699	1,894	20,805	27,799	5,839	21,960	31,959	4,167	27,792	36,488	17,790	18,698	
County of Maui		10,960	6,773	4,187	9,550	6,720	2,830	19,551	12,761	6,790	14,353	10,707	3,646	13,719	10,270	3,449	35,806	25,960	9,846	
<b>ISLAND OF MAUI</b>		43,763	18,314	25,449	70,564	39,060	31,504	42,250	14,655	27,595	42,152	16,546	25,606	45,678	14,437	31,241	72,294	43,750	28,544	
Kauai - State		18,006	5,091	12,915	26,489	11,511	14,978	43,514	18,451	25,063	65,114	20,351	44,763	62,644	54,575	8,069	27,774	12,619	15,155	
County of Kauai		6,425	5,140	1,285	3,466	3,303	163	18,541	15,529	3,012	14,319	11,637	2,682	26,634	23,150	3,484	17,374	16,533	841	
<b>ISLAND OF KAUAI</b>		24,431	10,231	14,200	29,955	14,814	15,141	62,055	33,980	28,075	79,433	31,988	47,445	89,278	77,725	11,553	45,148	29,152	15,996	
<b>FHWA TOTAL</b>		360,362	190,745	169,617	311,502	167,526	143,976	512,015	187,243	324,772	342,796	173,703	169,093	380,117	287,427	92,690	434,088	243,876	190,212	

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		TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$7000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$7000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP</b>																				
NHPP (National Highway Performance Program)		98,965			97,861			67,737			92,161			155,921			136,770			
BRIDGE OFF-SYSTEM		720			720			0			720			800			800			
STP ENHANCEMENT/TAP		2,872			4,549			3,170			5,089			18,460			14,949			
STP FLEXIBLE		79,761			53,103			76,934			58,120			94,745			77,060			
SECTION 1404 - (Safe Routes to School)		200			1,500			1,401			1,500			1,050			1,270			
HSIP (Highway Safety Improvement Program)		2,466			7,379			14,018			12,552			12,790			11,566			
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			0			0			0			2,200			0			
EARMARK - RE-PURPOSED EARMARKS		0			0			3,360			2,100			0			0			
STSA GRANTS		0			0			4,000			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 (TIGER 2015)		0			953			12,862			0			0			0			
HIGHWAYS FOR LIFE		0			0			0			0			0			0			
IMD (NHPP Discretionary)		4,300			0			2,300			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0			0			0			0			0			
	SUBTOTAL	190,745			167,526			187,243			173,703			287,427			243,876			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(4,565)			(1,218)			(22,787)			(2,365)			(2,465)			(265)			
LESS FTA TRANSFER FUNDS		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY	TOTAL	186,180			166,308			164,456			171,338			284,962			243,611			