

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 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) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
<b>STATEWIDE - FHWA</b>																				
S1. Enhance Bikeway Improvements at Various Locations, Statewide	PE1													100	80	20				STP FLEXIBLE
	PE2													200	160	40				
	ROW									55	45	10					50	0	50	
	CON									2,100	180	1,920					500	400	100	
	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	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	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	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	PLN							8,000	4,000	4,000										STSFA Grant
	PLN							3,125	0	3,125										
	ADVCON										0	2,500	(2,500)							STP FLEXIBLE
<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 "billsings") 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)	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	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	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	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	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	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	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	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	SAFE ROUTES TO SCHOOL
	Infrastructure				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	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	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	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\$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)		
S12.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	4,000	1,000	9,000	7,200	1,800	9,000	7,200	1,800	HSIP	
SysPres	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 5,000 0 5,000																					
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.																						
S13	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL	
SysPres	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 5,000 0 5,000																					
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																						
S14.	Structural Countermeasures for Scour Critical Bridges																				NHPP	
SysPres	Phase 2	PE1													500	400	100					
		PE2																500	400	100		
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.																						
S15.	Technology Transfer and Technical Assistance Program	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE	
Modern	Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S16.	Traffic Counting Stations, Various Locations	CON																1,530	1,224	306	STP FLEXIBLE	
Modern	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																					
S26.	Transportation Alternative Program	PE/CON										1,240	992	248	2,300	1,840	460	2,300	1,840	460	TAP	
Enhance	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.																					
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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STATEWIDE - FTA																				
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)
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.																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
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
Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480			0			1,800			7,500			11,500				3,200	
BRIDGE OFF-SYSTEM			0			0			0			0			0				0	
STP ENHANCEMENT / TAP			0			0			0			992			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	
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			0			0				0	
STSFA 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			0			0			0			0			0				0	
H-3 DISCRETIONARY			0			0			0			0			0				0	
IMD (NHPP Discretionary)			0			0			0			0			0				0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0				0	
	SUBTOTAL		6,693			5,625			11,226			23,150			29,632				21,190	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)			(265)			(4,265)			(265)			(265)				(265)	
LESS FTA TRANSFER FUNDS			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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OAHU : STATE - FHWA																					
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.	ADVCON				0	10,000	(10,000)													
	Farrington Highway (Rte 93) Resurfacing Kili Street to Satellite Tracking Station	CON	17,700	14,600	3,100																
	Mokapu Saddle Road (RTE 65) Resurfacing Nanamoana Street to Oneawa Street					16,000	12,800	3,200													
	Kalihi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	CON							10,000	8,000	2,000										
									9,000	1,300	7,700										
		ADVCON										0	3,900	(3,900)	0	2,000	(2,000)				
	Estimated Total Project Cost - \$237,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available.																					
OS2.	Farrington Highway (Route 93), Bridge Rehabilitation	ROW										597	478	119							NHPP
SysPres	Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
	Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																				
OS3.	Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
SysPres	Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
	Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																				
OS4.	Farrington Highway (Route 93), Bridge Replacement	ROW										1,170	936	234							NHPP
SysPres	Makaha Bridges #3 & #3A	CON																22,200	7,760	14,440	
		ADVCON																			
Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope incudes 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.																					
OS66.	Farrington Highway (Route 93) Corridor Study	PLN							500	400	100										RE-PURPOSED EARMARKS
Congest																					
	Estimated Total Project Cost - \$500,000 -- Conduct a corridor/feasibility study of the Nanakuli, Maili, 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.																				
OS5	Freeway Management System,																				NHPP
Congest	Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200	(1,200)													
	Phase 1C Part 3	CON				5,100	4,080	1,020													
	Phase 2A	CON										10,200	200	10,000							
		ADVCON													0	4,960	(4,960)	0	3,000	(3,000)	
	System Manager	OPR				2,020	1,616	404													
	Phase 3	PE1										1,380	1,104	276							
		PE2																740	592	148	
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.																					
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.																					
OS57.	Freeway Management System,	OPR										350	280	70	350	280	70	350	280	70	NHPP
Congest	Joint Traffic Management Center Operations (State)																				
	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.																				
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	NHPP
Congest																					
	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 & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																				
OS10.	Guardrail and Shoulder Improvements, Various Locations																				
Safety	Phase 1	CON				2,228	1,782	446													HSIP
	Phase 2	PE1													177	0	177				
		PE2																94	0	94	
	Phase 3	PE1																170	136	34	
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.																					
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							STP FLEXIBLE
Transit																					
	Estimated Total Project Cost - \$41,250,000 -- Traffic improvements to traffic control devices and intersectionsaffected by rail construction along the West Oahu FarringtonHighway (Routes 7110 & 7101 from Old Fort Weaver Road toWaipahu High School) and Kamehameha Highway (Route 99 fromAcacia Road to Aloha Stadium) Guideway construction corridors.																				
OS11.	ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
Congest																					
	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.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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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)		
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase II SysPres																					NHPP	
		CON							7,140	2,712	4,428											
		ADVCON										0	2,000	(2,000)	0	1,000	(1,000)					
		DES				554	499	55														
		CON													6,000	5,400	600					
			Estimated Total Project Cost - \$17,000,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.																			
OS13. Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge) SysPres		ROW	25	0	25																NHPP	
		CON				6,300	5,040	1,260														
			Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge.																			
OS58. Interstate Route H-1, Corridor Study, Short Term Improvements Congest Modern		PE1										2,040	0	2,040							NHPP	
		ADVCON													0	1,632	(1,632)					
			Estimated Total Project Cost - \$15,000,000 -- Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study																			
OS56. Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection Congest SysPres		CON							4,162	2,300	1,862										Interstate Maintenance Discretionary	
			Estimated Total Project Cost - \$5,000,000 -- Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lahuala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.																			
OS59. Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange Modern		DES				900	0	900													LOCAL	
			Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.																			
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue Safety		CON							11,000	0	11,000										NHPP	
		ADVCON										0	3,000	(3,000)	0	5,800	(5,800)					
			Estimated Total Project Cost - \$12,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system.																			
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516) Safety		CON				5,360	288	5,072													NHPP	
		ADVCON							0	4,000	(4,000)											
		CON				1,340	1,072	268														
			Estimated Total Project Cost - \$7,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																			
OS16. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00 SysPres		CON										7,446	100	7,346							NHPP	
		ADVCON													0	3,857	(3,857)	0	2,000	(2,000)		
			Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.																			
OS17. Interstate Route H-1, Kapolei Interchange Complex Modern		CON	4,800	4,300	500																INTERSTATE DISCRETIONARY NHPP	
		CON	65,500	41,200	24,300																	
		ADVCON				0	3,000	(3,000)	0	4,400	(4,400)	0	10,600	(10,600)								
		DES				571	0	571														
			Estimated Total Project Cost - \$139,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalalai and Makakilo Interchanges.																			
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 SysPres		CON																25,200	8,000	17,200	NHPP	
		ADVCON																				
			Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.																			
OS67. Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa SysPres		PE2/CON							90,500	13,000	77,500										NHPP	
		ADVCON										0	14,400	(14,400)	0	24,000	(24,000)	0	20,000	(20,000)		
			Estimated Total Project Cost - \$93,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.																			
OS20. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalalai IC) to Waiawa Overpass Safety		CON										4,120	296	3,824							HSIP	
		ADVCON													0	3,000	(3,000)					
			Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.																			
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3 SysPres		DES				1,080	864	216													NHPP	
		CON													6,240	4,992	1,248					
			Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.																			
OS60. Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510) Modern		PE2										6,000	0	6,000							NHPP	
		ADVCON													0	4,800	(4,800)					
			Estimated Total Project Cost - \$68,000,000 -- Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project Cost is based on a potential full build alternative.																			

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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Revision Effective Date: March 20, 2018

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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)																			
OS24. SysPres	Kalanianaʻole Highway (Route 72), Bridge Replacement Inaoale Stream Bridge, Waimanalo	CON													10,200	2,160	8,040				NHPP																		
		ADVCON																																					
	Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.																																						
OS25. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier Phase I, Olomana Golf Course to Poalima Street	CON	13,500	10,800	2,700																NHPP																		
	Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.																																						
OS26. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier																				NHPP																		
	Phase 2 - Poalima Street (MP 3.2) to Aloiloi Street	DES				2,244	1,795	449													STP ENHANCEMENT EARMARK - HIGH PRIORITY																		
		CON																13,300	10,640	2,660																			
		ADVCON																2,750	2,200	550																			
		CON																250	200	50																			
	Phase 3 - Aloiloi Street to Vic. of Makai Pier (MP 6.9)	DES				1,632	1,306	326																															
	Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational improvements on Kalanianaʻole Highway, from Poalima Street to vic. Of Makai Pier. Project includes turning lanes, bus pullouts, bicycle facility improvements, lighting improvements and roadway resurfacing.																																						
OS53 SysPres	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	DES	1,300	1,040	260																NHPP																		
		ROW	165	132	33																																		
		CON							2,500	2,000	500																												
		CON							2,000	1,600	400											RE-PURPOSED EARMARKS																	
	Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge																																						
OS27. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	ROW													297	238	59				NHPP																		
		CON																6,367	1,094	5,273																			
		ADVCON																																					
	Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.																																						
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)																			
	Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.																																						
OS29. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaluani Stream Bridge	ROW										663	530	133							NHPP																		
		CON													9,200	2,360	6,840																						
		ADVCON																0	5,000	(5,000)																			
	Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																																						
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																												
	Estimated Total Project Cost - \$7,500,000 -- Replace the existing bridge.																																						
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																															
	Estimated Total Project Cost - \$13,500,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.																																						
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)																			
	Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.																																						
OS32. SysPres	Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	ROW										1,040	832	208							NHPP																		
		CON													27,050	11,640	15,410																						
		ADVCON																0	10,000	(10,000)																			
	Estimated Total Project Cost - \$30,300,000 -- Replace the existing bridge.																																						
OS34. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge	ROW													585	468	117				NHPP																		
		CON																15,000	4,000	11,000																			
		ADVCON																																					
	Estimated Total Project Cost - \$16,000,000 - replace the existing bridge																																						

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS35.	Kamehameha Highway (Route 83), Bridge Replacement	ROW													281	225	56				NHPP	
SysPres	Waikane Stream Bridge	CON																11,000	2,800	8,200		
Estimated Total Project Cost - \$12,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																						
OS36.	Kamehameha Highway (Route 83), Bridge Replacement	ROW							1,020	816	204										NHPP	
SysPres	Waipioipilo Stream Bridge																					
Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																						
OS61.	Kamehameha Highway (Route 83) Realignment,	PE2										2,900	100	2,800							NHPP	
Safety	Vicinity of Kawaihoa Beach	ADVCON													0	2,220	(2,220)					
		PREROW																50	40	10		
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.																						HSIP
OS55.	Kamehameha Highway (Route 83) Safety Improvements	CON				1,632	1,306	326														
Safety	Kahana Valley Road to Kaaawa Bridge																					
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.																						HSIP
OS51	Kamehameha Highway (Route 83), Safety Improvements	CON										1,700	1,360	340								
Safety	Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road																					
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.																						NHPP
OS65	Kamehameha Highway (RTE 83) Shoreline Mitigation	PE1				100	80	20														
SysPres	Vicinity of Kualoa, Kaaawa, Punaluu and Hauula	PE2/CON													10,400	0	10,400					
		ADVCON																0	5,000	(5,000)	NHPP	
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.																						
OS39.	Kamehameha Highway (Route 83), Shoreline Protection,	CON													10,820	8,640	2,180				NHPP	
Safety	Vicinity of Kaaawa (#10)																					
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.																						NHPP
OS40.	Kamehameha Highway (Route 83) Shoreline Protection,	CON																7,650	6,120	1,530		
Safety	Vicinity of Punaluu (#9)																					
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.																						NHPP
OS41.	Kamehameha Highway (Route 83) Wetland Enhancement,	CON										6,500	100	6,400								
Enhance	Vicinity of Ukoa Pond	ADVCON													0	5,100	(5,100)					
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.																						STP FLEXIBLE
OS42.	Kualakai Parkway (Route 8930) Extension	CON										18,100	0	18,100								
Modern		ADVCON													0	8,000	(8,000)	0	6,480	(6,480)		
Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.																						STP ENHANCEMENT
OS43.	Leeward Bikeway																					
Enhance	Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON										9,360	0	9,360								
		ADVCON													0	7,488	(7,488)					
	Phase II - Hawaiian Railway Society Train Station to	PREROW										110	88	22								
	Luualalei Naval Road	ROW																3,120	2,496	624		
		CON																				
Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.																						NHPP
OS44.	Moanalua Freeway (Route 78) and Interstate Route H-2	CON							4,400	0	4,400											
Safety	Guardrail and Shoulder Improvements, Phase 1	ADVCON										0	3,520	(3,520)								
Estimated Total Project Cost - \$5,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																						NHPP
OS45.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON							12,200	0	12,200											
SysPres	MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON										0	4,260	(4,260)	0	5,500	(5,500)					
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).																						NHPP
OS46.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON										2,533	26	2,507								
SysPres	MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	ADVCON													0	2,000	(2,000)					
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).																						



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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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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)		
OS62. <span>SysPres</span>	Pali Highway (Route 61) Resurfacing & Lighting Improvements																				NHPP	
	Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																					
	Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waakanaka St. to Kamehameha Hwy.	CON							69,000	24,000	45,000											
		ADVCON										0	10,200	(10,200)	0	21,000	(21,000)					
	Ph 2 - Resurfacing, Vineyard Blvd to Waakanaka St	CON							4,300	3,440	860											HSIP
ADVCON														18,000	4,400	13,600					NHPP	
		Estimated Total Project Cost -- \$96,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.																				
OS49 <span>Enhance</span>	Recreational Trails Program - Oahu		CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
			Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.																			
OS52 <span>Safety</span>	Sand Island Access Road (Route 64), Truck Weigh Station		DES				135	0	135												NHPP	
	Kapalama Container Terminal		PREROW				130	0	130													
	CON											3,060	2,448	612								
		ADVCON										5,100	80	5,020								
															0	4,000	(4,000)					
		Estimated Total Project Cost - \$9,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.																				
OS63. <span>Modern</span>	Traffic Counting Stations, Various Locations		CON							2,500	0	2,500									STP FLEXIBLE	
			ADVCON									0	2,000	(2,000)								
		Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.																				
OAHU : STATE - FHWA TOTAL				158,769	89,719	69,050	100,095	68,760	31,335	283,796	90,884	192,912	144,891	82,512	62,379	175,889	162,448	13,441	148,785	134,530	14,255	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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PROJECT	PHASE	FFY2015 (Oct 1, 14- Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15- Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16- Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17- Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18- Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19- Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OAHU : STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled <span>Human</span>	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
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.																				
OS68. HDOT State Safety Oversight Program <span>Transit</span>	OPR							875	700	175	281	225	56	290	232	58	299	239	60	FTA SECTION 5329
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.																				
OAHU : STATE - FTA TOTAL																				
		482	385	97	497	397	100	1,387	1,109	278	810	647	163	836	667	169	863	688	175	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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Revision Effective Date: March 20, 2018

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PROJECT		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	
PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Alapai Transportation Management Center Safety	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								
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 & emergency response agencies.																					
OC2. Bikeway Improvements Program Enhance 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		
	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.																				
OC3. Bridge Inspection and Appraisal SysPres	DES	900	720	180	900	720	180	526	0	526	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM	
	Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.																				
OC4. Computerized Traffic Control System Congest	Phase 15 - Nanakuli	PE1									313	250	63							STP FLEXIBLE	
		PE2												250	200	50					
		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		
	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.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
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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)			
OC6. Kapolei Parkway (Route 8920) Extension Congest	DES		50	0	50																STP FLEXIBLE		
	CON		240	0	240																		
	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.																						
OC7. Makakilo Drive (Route 8810) Extension Modern	PE2								1,500	0	1,500	1,570	0	1,570							STP FLEXIBLE		
	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.																						
OC23. Salt Lake Boulevard Widening Modern	CON											39,172	10,172	29,000	40,000	11,000	29,000				STP FLEXIBLE		
	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 Liliko'i Streets.																						
OC8. Traffic Improvements at Various Locations Safety	DES		450	360	90																STP FLEXIBLE		
	CON											2,185	1,750	435									
	INSP											250	200	50									
	Phase 2 - Kalaheo Avenue/Kailua Road		ROW													106	0	106					
			CON													1,590	0	1,590					
			INSP													265	0	265					
	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 - TBD - DES 2019		PE1												425	300	125						
			PE2																125	100	25		
	Phase 6 - TBD - DES 2020		PE1																425	300	125		
	Estimated Total Project Cost - \$9,244,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park & Kupuna Loop area, and Kalaheo Avenue/Kailua Road.																						
OC9. Traffic Signal Optimization Congest																					STP FLEXIBLE		
	Phase 6 - Kapolei, Ewa, Makakilo		PE1												390	312	78						
			PE2																				
	Phase 7 - TBD		PE1									1	0	1				260	208	52			
			PE2										100	0	100								
	Phase 8 - TBD		PE1												1	0	1						
			PE2													100	0	100					
	Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.																						

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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PROJECT		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
PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaeola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliok St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	CON						3,515	2,812	703										
	Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihaui St, Kuala St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	CON																		
		EQP						5	0	5	3,872	3,092	780							
	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									188	150	38							
		CON															4,205	3,364	841	
		EQP															4	0	4	
	Estimated Total Project Cost - \$23,515,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.																			
OC25. Enhance	Transportation Alternatives Program at Various Locations (MPO)																			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)	PE2							600	0	600									
		PE1									1,000	800	200							
	6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON												3,389	2,711	678				
		CON															1,000	800	200	
	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.																			
	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												
	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.																			
OC11. SysPres	Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62															STP FLEXIBLE
	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.																			
OAHU : C&C OF HONOLULU - FHWA TOTAL			29,508	17,000	12,508	29,153	19,239	9,914	11,479	6,593	4,886	51,630	18,254	33,376	52,958	18,128	34,830	13,277	9,593	3,684

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PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																				
OC12. Agency-Provided Trips																				
Human																				
OPR		334	167	167																FTA \$5307/\$5340 (2014)
OPR					209	104	105													FTA \$5307/\$5340 (2015)
OPR		512	249	263																FTA \$5310 (2013)
OPR					722	307	415													FTA \$5310 (2014)
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	LOCAL
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.																				
OC13. Bus and Handi-Van Acquisition Program																				
Transit																				
INSP					48	38	10	10	0	10	49	39	10							FTA \$5307/\$5340 (2015)
FY2015 = 17-40' buses + 19-60' buses + 19 small vans + 6 < 30' buses																				
EQP		15,086	11,461	3,625																FTA \$5307/\$5340 (2014)
EQP		2,403	1,923	480																FTA \$5309 (2012)
EQP		2,673	2,158	515																FTA \$5337 SOGR
EQP		8,636	6,909	1,727																FTA \$5339
FY2016 = 30 <30' buses + 0-35' buses + 15-40' buses + 10-60' buses																				
EQP					3,688	2,519	1,169													FTA \$5307
EQP					13,018	10,414	2,604													FTA \$5307/\$5340 (2015)
EQP					1,410	1,133	277													FTA \$5339
EQP					4,453	3,562	891													FTA \$5339 (2014)
FY2017 = 60 <30' buses + 10-40' buses + 10-60' buses																				
EQP								1,927	0	1,927										FTA \$5307/\$5340
EQP								853	618	235										FTA \$5310-Urban
EQP								975	0	975										FTA \$5337 SOGR
EQP								1,501	0	1,501										FTA \$5339
FY2018 = 60<30' buses + 10-40' buses + 10-60' buses																				
EQP											14,823	11,858	2,965							FTA \$5307/\$5340
EQP											801	641	160							FTA \$5310-Urban
EQP											4,550	3,640	910							FTA \$5337 SOGR
EQP											4,022	3,218	804							FTA \$5339 (2016)
FY2019 (TBD)																				
EQP														20,825	18,594	2,231				FTA \$5307/\$5340
EQP														1,533	1,226	307				FTA \$5337 SOGR
EQP														10,728	8,300	2,428				FTA \$5339 (2016)
FY2020 (TBD)																				
EQP																	20,825	2,231	18,594	FTA \$5307/\$5340
EQP																	1,564	1,251	313	FTA \$5337 SOGR
EQP																	3,480	2,496	984	FTA \$5339 (2016)
Estimated Total Project Cost - \$153,918,000 -- Purchase replacement transit buses and handi-van vehicles.																				
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 LOCAL
DES		270	0	270	365	0	365	365	0	365	365	0	365	270	0	270	270	0	270	LOCAL
CON		621	300	321	495	145	350	100	0	100	640	290	350	321	0	321	321	0	321	FTA \$5307/\$5340
ROW		5	0	5	20	0	20	0	0	0	0	0	0	5	0	5	5	0	0	5 LOCAL
EQP					5	0	5	5	0	5	5	0	5							LOCAL
RELOC		1	0	1	5	0	5	20	0	20	5	0	5	1	0	1	1	0	1	LOCAL
INSP											20	0	20							
Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).																				
OC15. Bus Stop Site Improvements																				
Transit																				
PLN		5	0	5																LOCAL
ROW		1	0	1																LOCAL
DES		90	0	90																LOCAL
CON		1,735	1,330	405																FTA \$5307
EQP		1	0	1																LOCAL
Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.																				
OC24. Capital Training																				
Transit																				
OPR		25	20	5	25	20	5	25	20	5	26	21	5	26	21	5	27	22	5	FTA \$5307/\$5340
Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.																				

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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)		
OC16. Transit	Honolulu Rail Transit Project																					
	\$5309 New Starts		HRTPT									2,480,034	744,010	1,736,024							FTA \$5309 NS	
	FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64)		HRTPT						18,827	18,000	827	18,450	15,000	3,450							FTA \$5307/\$5340	
	FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25 and OC26)		HRTPT									1,250	1,000	250							FTA \$5307/\$5340	
Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																						
a. Total estimated cost (YOES) = \$5,163,693,000 (including finance charges): PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.																						
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																						
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOES).																						
OC17. Human	Local Shuttle Service																					
			OPR						260	0	260	270	0	270	280	0	280	291	0	291	LOCAL	
			OPR	204	102	102															FTA \$5307/\$5340 (2014)	
			OPR				204	102	102												FTA \$5307/\$5340 (2015)	
Estimated Total Project Cost - \$1,319,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.																						
OC19. Human	Mobility Management																					
			OPR	257	197	60															FTA \$5307/\$5340 (2014)	
			OPR	92	76	16															LOCAL	
			OPR				407	325	82												FTA \$5310 (2013)	
			OPR											458	0	458	476	0	476	LOCAL		
Estimated Total Project Cost - \$2,553,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.																						
OC22. SysPres	Pedestrian Transit Connections																					
			PLN	1	0	1															LOCAL	
			DES	250	0	250															LOCAL	
			CON	1,120	1,100	20															FTA \$5307 (2014)	
			INSP	10	0	10															LOCAL	
			EQP	5	0	5															LOCAL	
Estimated Total Project Cost - \$1,386,000 -- Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.																						
OC20. Transit	Preventive Maintenance		OPR	32,927	17,265	15,662	41,638	21,833	19,805			86,000	58,000	28,000	31,250	25,000	6,250	31,250	25,000	6,250	FTA \$5307/\$5340	
			OPR	4,407	2,311	2,096															FTA \$5307/\$5340 (2014)	
			OPR	4,304	2,257	2,047															FTA \$5307/\$5340 (2013)	
Estimated Total Project Cost - \$287,082,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																						
OC21. Transit	Transit Safety and Security Projects																					
			PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL	
			DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL	
			CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL	
			EQP	413	330	83	356	296	60	75	0	75	680	604	76	389	311	78	396	317	79	FTA \$5307/\$5340
Estimated Total Project Cost - \$2,023,000 -- Capital projects at various transit locations to improve safety and security.																						
OAHU : C&C OF HONOLULU - FTA TOTAL			77,125	48,155	28,970	68,163	40,798	27,365	27,210	18,638	8,572	2,615,098	838,321	1,776,777	69,313	53,452	15,861	62,259	31,317	30,942		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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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)	
FHWA FUNDING CATEGORY SUMMARY - OAHU								
NHPP (National Highway Performance Program)		85,132	61,313	59,857	63,481	143,673	122,731	
BRIDGE OFF-SYSTEM		720	720	0	720	800	800	
STP ENHANCEMENT / TAP		0	2,299	3,049	1,288	10,199	5,496	
STP FLEXIBLE		16,280	19,220	26,544	33,334	22,617	14,473	
SECTION 1404 - (Safe Routes to School)		0	0	0	0	0	0	
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	0	200	
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	87,999	97,477	100,766	180,576	144,123	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(4,300)	0	(4,300)	0	0	(200)	
LESS FTA TRANSFER FUNDS		0	0	0	0	0	0	
REGULAR FORMULA AUTHORITY		TOTAL	102,419	87,999	93,177	100,766	143,923	



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
HAWAII : STATE - FHWA																					
HS1.	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON													8,190	6,552	1,638				STP FLEXIBLE
Safety																					
Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																					
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
SysPres																					
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.																					
HS23.	Daniel K. Inouye Highway (Route 200) Extension	PE2							260	208	52										STP FLEXIBLE
Modern	Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW							260	208	52										
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.																					
HS24.	Daniel K. Inouye Highway (Route 200) Improvements	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)
Modern	Phase 2D: East Side Grade & Pave, MP 6 to MP 11																				
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HS3.	Guardrail and Shoulder Improvements, Various Locations	PE1																35	28	7	STP FLEXIBLE
Safety		PE2																65	52	13	
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																					
HS4.	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge	ROW										1,173	938	235							NHPP
SysPres		CON																10,600	8,480	2,120	
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																					
HS5.	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	PREROW	50	40	10																NHPP
Safety		ROW						1,250	1,000	250											
Estimated Total Project Cost - \$9,800,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.																					
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
Safety		ADVCON													0	4,000	(4,000)				
Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.																					
HS7.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																1,560	1,248	312	NHPP
Safety																					
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					
HS8.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON													1,560	1,248	312				NHPP
Safety																					
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																					
HS10.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW							270	216	54										NHPP
Safety		CON										56,700	0	56,700							
Estimated Total Project Cost - \$60,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.															0	20,000	(20,000)	0	25,360	(25,360)	
HS12.	Hilo Bayfront Highway (Route 19), Shoreline Protection	CON													3,640	2,912	728				STP FLEXIBLE
SysPres																					
Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																					
HS13.	Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW													2,290	1,832	458				NHPP
SysPres																					
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.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
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PROJECT		PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	FFY2017 (Oct 1, 16 - Sep 30, 17)	FFY2018 (Oct 1, 17 - Sep 30, 18)	FFY2019 (Oct 1, 18 - Sep 30, 19)	FFY2020 (Oct 1, 19 - Sep 30, 20)	FUND CATEGORY & REMARKS													
TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)					
HS14. Modern	Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road		PREROW				104	83	21						2,020	1,616	404		STP FLEXIBLE			
			ROW																			
	Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																					
HS15. Modern	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements		CON				3,692	2,954	738										STP FLEXIBLE			
			CON				520	468	52										HSIP			
	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.																					
HS17. Safety	Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2		DES	40	36	4													HSIP			
			CON							4,000	3,200	800										
	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.																					
HS18. SysPres	Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7)		DES	1,400	1,120	280													STP FLEXIBLE			
			ROW	100	0	100																
			CON							7,500	6,000	1,500										
Estimated Total Project Cost - \$10,000,000 -- Replace existing bridge.																						
HS26. SysPres	Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement		DES	1,400	1,120	280													STP FLEXIBLE			
			ROW	65	0	65																
			CON							5,500	4,400	1,100										
		CON							1,500	1,200	300								RE-PURPOSED EARMARKS			
Estimated Total Project Cost - \$9,454,000 -- Replace existing bridge.																						
HS19 Safety	Mamalahoa Highway (Route 11) Drainage Improvements at Kawa		CON									9,735	788	8,947					STP FLEXIBLE			
			ADVCON												0	7,000	(7,000)					
	Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																					
HS27 Safety	Mamalahoa Highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road		CON				6,120	4,896	1,224										STP FLEXIBLE			
	Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.																					
HS20. Safety	Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9		CON							1,457	1,311	146							HSIP			
	Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																					
HS21. Enhance	National Recreational Trails Program - Hawaii (DLNR)		CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)			
	Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																					
HS22. Modern	Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)		PREROW									54	43	11					STP FLEXIBLE			
			ROW												5,600	4,480	1,120					
			ROW												1,000	800	200		EARMARK - HIGH PRIORITY (HI025)			
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)		PREROW																	STP FLEXIBLE			
		ROW										56	45	11				6,500	5,200	1,300		
Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																						
HS25. Congest	Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)		ROW				180	144	36										HSIP			
			CON							1,265	1,140	125										
	Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																					
HS28. SysPres	Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park		DES	307	213	94													NHPP			
			CON										6,000	800	5,200				RE-PURPOSED EARMARKS			
			ADVCON												0	4,000	(4,000)					
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.																						
HAWAII : STATE - FHWA TOTAL				66,236	48,828	17,408	28,740	9,844	18,896	38,886	18,182	20,704	104,692	3,993	100,699	41,174	60,939	(19,765)	35,634	40,667	(5,033)	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
COUNTY OF HAWAII - FHWA																					
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	CON						12,320	6,856	5,464									STP FLEXIBLE			
	ADVCON									0	3,000	(3,000)									
	Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.																				
HC3. Bridge Inspection and Appraisal SysPres	PLN				200	160	40		200	160	40				200	160	40	STP FLEXIBLE			
	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																				
HC10. Hakalau Stream Bridge Replacement (Route 222) SysPres	PE1						150	0	150									STP FLEXIBLE			
	PE2						250	0	250												
	CON						3,000	2,400	600												
	Estimated Total Project Cost - \$3,400,000 -- Repair or reconstruct and restore the structural integrity and safety of the Hakalau Stream Bridge.																				
HC11. Kaahakini Stream Bridge Rehabilitation SysPres	PE1						200	0	200									STP FLEXIBLE			
	PE2									300	0	300									
	CON														5,000	4,000	1,000				
	Estimated Total Project Cost - \$5,500,000 -- Repair or reconstruct and restore the structural integrity and safety of the Kaahakini Stream Bridge.																				
HC4. Kawaiiani Street (Rte 2760) Improvements Congest																		STP FLEXIBLE			
	CON				18,100	11,104	6,996														
	ADVCON						0	3,216	(3,216)												
	ADVCON						0	160	(160)												
	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.																				
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modern	PE2									1,632	1,305	327						STP FLEXIBLE			
	CON														17,700	9,920	7,780				
	Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Alii 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.																				
HC6. Mamalahoa Highway (Route 19) Widening Modern	CON						11,080	5,864	5,216									NHPP			
	ADVCON									0	3,000	(3,000)									
	Estimated Total Project Cost - \$24,000,000 -- To widen and provide left-turn pockets for eighteen (18) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.																				
HC7. Waianuenue Avenue (Route 2720) Improvements Safety	DES	900	720	180														STP FLEXIBLE			
	ROW												265	212	53						
	CON												12,903	10,120	2,783						
	Estimated Total Project Cost - \$14,600,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			900	720	180	18,300	11,264	7,036	14,680	11,640	3,040	12,820	10,016	2,804	14,800	14,637	163	22,900	14,080	8,820	

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COUNTY OF HAWAII - FTA																				
HC8. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																				
HC12. Bus and Bus Facility (discretionary)	EQP							475	380	95										FTA SECTION 5339 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$475,000 -- Capital projects to replace buses.																				
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)
Transit																				
Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,193	1,903	1,290	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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PROJECT	PRASE	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			253			1,000			6,080			5,018			37,280			35,088		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT/TAP			0			0			0			0			0			0		
STP FLEXIBLE			48,960			19,197			16,432			7,892			37,197			19,360		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			36			612			5,651			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			800			0		
EARMARK - RE-PURPOSED EARMARKS			0			0			1,360			800			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		49,548			21,108			29,822			14,009			75,576			54,747		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			(1,360)			(800)			(800)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		49,548			21,108			28,462			13,209			74,776			54,747		

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MAUI: STATE - FHWA																					
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
SysPres	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
Safety	at Various Locations, Maui																				
	Part 2—Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue	CON				1,000	800	200													
	Part 3	CON							1,000	800	200										
	Part 4	CON																1,000	800	200	
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
SysPres	Phase 1	PE2										1,000	800	200							
		ROW													1,065	852	213				
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																					
MS19	Hana Highway (Route 36) Safety Improvements,	DES				50	45	5													HSIP
Safety	Kaiaae Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	CON										450	405	45							
Estimated Project Cost - \$500,000 ---Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; superelevation assessment (to determine treatment) along entire segment, if necessary; install flashing beacons in both directions near Mama's Fish House; push back embankment; install rumble strips in lane; pavement markings; & signing.																					
MS4.	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW																			NHPP
Modern		CON										6,900	520	6,380							
		ADVCON													0	5,000	(5,000)				
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																					
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement,	ROW																104	83	21	NHPP
SysPres	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																				NHPP
Modern	Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																
		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
Safety	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							3,120	2,496	624										HSIP
Safety	Vicinity of Kapoli Street to Papalua 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
SysPres	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
SysPres	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.																					

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MS10. Enhance	National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	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.																						
MS12. Modern	Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park	PE2 PREROW													3,570	2,856	714		110	88	22	STP FLEXIBLE
Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.																						
MS20. Safety	Piilani Highway (Route 31) Safety Improvements N. Kihei Rd to the Vicinity of Wailea lke Dr., MP 0.0 to MP 7.15	DES CON				90	81	9				1,600	1,280	320							HSIP	
Estimated Project Cost - \$500,000 ---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; & signing.																						
MS13. Modern	Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8				158	126	32				10,000	3,000	7,000		0	5,000	(5,000)	STP FLEXIBLE
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.																						
MS15. SysPres	Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON																7,535	6,028	1,507	STP FLEXIBLE	
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.																						
MAUI : STATE - FHWA TOTAL			32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	32,999	5,044	27,955	35,584	12,067	23,517	35,523	17,018	18,505		

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
COUNTY OF MAUI - FHWA																						
MC1. SysPres	Alaaluaa Bridge Replacement, Hana Highway (Route 3700), MP 33.80	DES							750	0	750										LOCAL	
		Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.																				
MC2. SysPres	Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Halimaile Road to Hana Hwy	CON				6,700	5,000	1,700													STP FLEXIBLE	
		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.																				
MC3. SysPres	Bridge Inspection and Appraisal	PLN	427	342	85				100	80	20				300	240	60				STP FLEXIBLE	
		Estimated Total Project Cost - \$1,000,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.																				
MC4 Congest	Central Maui Traffic Signal Upgrades Papa Ave (Rte 3910, MP1.28) & 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							270	0	270										STP FLEXIBLE	
		CON													1,300	1,040	260					
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.																						
MC5 Safety	Guardrail and Shoulder Improvements, Various Locations Phase 1 - Halimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 Phase 2	CON												1,592	1,200	392				STP FLEXIBLE		
		CON													1,873	1,440	433					
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.																						
MC6. SysPres	Hahalawe Bridge Replacement, Hana Highway (Route 3700), MP 31.05	DES				700	0	700													STP FLEXIBLE	
		CON															7,550	5,400	2,150			
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.																						
MC10. SysPres	Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40	CON												3,683	2,570	1,113				STP FLEXIBLE		
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.																						
MC11. SysPres	Kahawaikapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	DES	830	24	806																STP FLEXIBLE	
		CON													5,620	3,672	1,948					
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.																						
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							300	0	300										STP FLEXIBLE	
		CON													6,730	5,384	1,346					
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.																						
MC41 SysPres	Kaupakalua Road (Route 365) Pavement Rehabilitation Phase 1 - Kokomo Road to East Kuiaha Road Phase 2 - East Kuiaha Road to Hana Highway	DES							550	0	550										STP FLEXILE	
		CON											7,500	5,100	2,400							
		CON													7,700	5,600	2,100					
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.																						



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MC13. Enhance	Kihei 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	
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 & markings, landscaping, and path lighting will also be part of the construction.																						
MC14. SysPres	Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Pihiolo Road to Kokomo Road (Route 366)	CON							9,500	6,960	2,540										STP FLEXIBLE	
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.																						
MC15. SysPres	Koukouai Bridge Modifications, Piilani Highway (Route 3700), MP 28.59	CON													6,120	4,488	1,632				STP FLEXIBLE	
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.																						
MC16. SysPres	Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, Kualau Street to Honoapiilani Highway (Route 30)	DES CON	185	8	177																STP FLEXIBLE	
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.																						
MC17. SysPres	Kulanihakai Bridge Replacement South Kihei Road (Route 3100), MP 1.40	CON										4,243	3,329	914							STP FLEXIBLE	
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.																						
MC18. SysPres	Lelekea Bridge Replacement Piilani Highway (Route 3700), MP 27.23	CON																3,994	3,195	799	STP FLEXIBLE	
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.																						
MC19. SysPres	Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihiu Road (Route 3090)	DES CON				350	0	350							6,020	4,500	1,520				STP FLEXIBLE	
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.																						
MC20. SysPres	Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES CON							300	0	300								5,100	4,000	1,100	STP FLEXIBLE
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.																						
MC21. SysPres	Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175							3,641	2,856	785				STP FLEXIBLE	
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.																						
MC22. Enhance	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 CON				750	0	750							1,301	1,020	281				STP FLEXIBLE	
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.																						
MC23. Congest	Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3	CON													730	584	146				STP FLEXIBLE	
Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.																						
MC24. Enhance	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	
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.																						
MC25. Modern	North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Kaonoulu Street to Namauu Place	DES CON	450	0	450													7,190	5,000	2,190	STP FLEXIBLE	
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.																						

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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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)		
MC26. Modern	North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road	DES				600		0	600					150		0	150				STP FLEXIBLE	
		ROW																				
		CON																	8,670	6,936		1,734
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.																						
MC27. Congest	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							130		0	130									STP FLEXIBLE	
		CON													1,250	1,000	250					
		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.																				
MC40. SysPres	Old Haleakala Hwy (Route 367) Aeloa Rd to Kula Hwy. (Route 37), Reconstruction	CON	4,958	3,527	1,431																STP FLEXIBLE	
		Estimated Total Project Cost - \$5,500,000 -- Reconstruct pavement on Old Haleakala Highway from Aeloa Road to Kula Hwy. Including pavement striping and marking and utility adjustments.																				
MC28. SysPres	Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES	370		0	370															STP FLEXIBLE	
		CON													2,290	1,760	530					
		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.																				
MC29. Congest	Papa Avenue (Route 3910, MP 2.2) Traffic Signals at Hina Avenue (Route 3930, MP 0.8)	CON													880	688	192				STP FLEXIBLE	
		Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.																				
MC30. Congest	Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES	130		0	130															STP FLEXIBLE	
		CON													1,250	1,000	250					
		Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.																				
MC31. SysPres	Pavement Rehabilitation, Various Roads, South Maui Kulanihakai Street (Route 3175), MP 0-MP 0.5 Waipulani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Pilihi Highway (Route 31)	DES	20		0	20															STP FLEXIBLE	
		CON							7,800	5,600	2,200											
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.																						
MC33. Congest	Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Wainu Road (Route 3231, MP 1.15 to MP 1.18)	CON													843	648	195				STP FLEXIBLE	
		Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Wainu 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.																				
MC34. Enhance	Waipulani Bikepath Kulanihakai Street (Route 3175) to W. Waipulani Road (Route 3170)	CON													1,765	1,384	381				STP ENHANCEMENT	
		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 & markings, and street lighting will also be part of the construction.																				
MC35. Congest	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													1,298	960	338				STP FLEXIBLE	
		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.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			10,960	6,773	4,187	11,425	6,720	4,705	19,700	12,640	7,060	13,193	9,469	3,724	56,186	42,034	14,152	32,504	24,531	7,973		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Bus and Bus Facilities Prgm)
Transit																				
Estimated Total Project Cost - \$6,062,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations																				
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)
Transit																				Kahului (pop 50,000-199,000)
Estimated Total Project Cost - \$1,317,256 -- Planning projects.																				
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																				
Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
MC38. Urbanized Area - Kahului	PLN/EQP/OPR										2,082	1,041	1,041							FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
Transit																				
Estimated Total Project Cost - \$2,082,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.																				
MAUI : COUNTY OF MAUI - FTA TOTAL		2,562	1,749	813	2,656	1,809	847	2,736	1,864	872	4,900	2,961	1,939	2,907	1,980	927	2,995	2,040	955	

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FHWA FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			11,140			31,100			0			520			5,000			4,743		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT/TAP			2,872			0			0			1,040			1,384			0		
STP FLEXIBLE			3,943			7,520			12,958			10,909			47,358			36,447		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			126			3,713			1,685			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			39,105			17,030			14,513			54,101			41,549		
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			39,105			17,030			14,513			54,101			41,549		



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COUNTY OF KAUAI - FHWA																				
KC1. SysPres	Bridge Inspection and Appraisal	OPR			125	100	25				125	100	25				125	100	25	STP FLEXIBLE
Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.																				
KC2. SysPres	Hanapepe Road (Rte 545) Resurfacing	PE2 CON									300	240	60		3,030	2,424	606			STP FLEXIBLE
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.																				
KC16 SysPres	Improvements to Maluhia Rd. (RTE 520) and Koloa Rd. (RTE 530)	PE CON						500	0	500	4,500	4,000	500							STP FLEXIBLE (PE as soft match)
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 Koloa 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.																				
KC17. SysPres	Improvements to Various Collector Roads Kukui St. (RTE 581), Oloheua Rd. (RTE 581), Ulu St. (RTE 5805), Haleliu Rd. (RTE 5840), Kawaihau Rd. (RTE 5860), Kaapuni Rd. (RTE 5860)	PE CON									500	0	500	4,500	4,000	500				STP FLEXIBLE (PE as soft match)
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.																				
KC13. SysPres	Kapahi Bridge Replacement	CON	2,000	1,600	400															STP FLEXIBLE
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.																				
KC3. Safety	Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Maalihuna Road (Route 5870), Complete Street & Safety Improvements	PLN DES CON	100 275	80 220	20 55										3,183	2,546	637			STP FLEXIBLE
Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maalihuna 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 Maalihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).																				
KC4. Enhance	Lihue-Anahola Coastal Bike Path Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Kawaihau Road to Gore Park Phase C & D	 CON PE2 ROW CON ADVCON	     	     	     	     	     	     	     	     	     	     	     	     	     	     	     	     	     	STP ENHANCEMENT
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.																				
Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park		PE2 CON												1,167	1,167	0				
Phase B - Hanamaulu Beach Park to Wailua Golf Course		PE1 ROW												831	831	0	7,727	7,727	0	
The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.																				
Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini		PE2 ROW CON												1,907	1,907	0				
Phase B - Ninini Point to Nawiliwili Beach Park 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.		PE2												1,020	1,020	0				
Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.																				
KC14. Enhance	Lihue Town Core Mobility and Revitalization	PE1 PE2/CON				1,091	953	138			14,724	12,862	1,862							TIGER (2015)
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) Hoolako Street bicycle and pedestrian improvements; 5) Civic Center to Convention Hall shared use path; 6) Civic Center Transit Services; and 7) Pualele and Malae Streets bicycle boulevard.																				
KC6. SysPres	Opaekaa Bridge Rehabilitation	CON									3,535	2,828	707							STP FLEXIBLE
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.																				
KC7. Enhance	Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road	PLN DES CON CON	100 400	80 320	20 80															STP FLEXIBLE
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 Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping																				
														5,100	4,080	1,020	4,080	3,264	816	

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
KC8. SysPres	Puhi Road (Route 5010) Rehabilitation																		STP FLEXIBLE	
	Phase 1 - Kaunualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35)		CON	3,300	2,640	660														
	Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)		DES	250	200	50														
			CON																	
		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.																		
KC9. SysPres	Puupoe Bridge Rehabilitation		CON				3,249	2,599	650										STP FLEXIBLE	
		Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puupoe Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.																		
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			6,425	5,140	1,285	3,466	3,303	163	18,473	15,461	3,012	10,369	8,577	1,792	25,434	21,950	3,484	16,514	15,673	841

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COUNTY OF KAUAI - FTA																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit	Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																			
KC15. Bus and Bus Facility (discretionary)	EQP							725	580	145										FTA SECTION 5339 (Rural Bus Prgm)
Transit	Estimated Total Project Cost - \$725,000 -- Capital projects to replace buses.																			
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)
Transit	Estimated Total Project Cost - \$13,160,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																			
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			0		5,528			0			16,852			1,020			11,348			
BRIDGE OFF-SYSTEM			0		0			0			0			0			0			
STP ENHANCEMENT/TAP			0		2,250			0			1,409			6,016			12,309			
STP FLEXIBLE			9,980		5,736			19,679			8,888			56,878			11,364			
SECTION 1404 - (Safe Routes to School)			0		0			0			0			0			0			
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			33,912			29,500			64,165			35,272			
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			21,050			27,400			64,165			35,272			

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
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PROJECT	PHASE	FFY2015 (Oct 1, 14- Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15- Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16- Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17- Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18- Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19- Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FTA SUMMARY																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	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	68,163	40,798	27,365	27,210	18,638	8,572	2,615,098	838,321	1,776,777	69,313	53,452	15,861	62,259	31,317	30,942	
COUNTY OF HAWAII		2,520	1,415	1,105	2,637	1,478	1,159	3,193	1,903	1,290	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
MAUI, STATE		32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	32,999	5,044	27,955	35,584	12,067	23,517	35,523	17,018	18,505	
COUNTY OF MAUI		2,562	1,749	813	2,656	1,809	847	2,736	1,864	872	4,900	2,961	1,939	2,907	1,980	927	2,995	2,040	955	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
FTA TOTAL		118,647	65,240	53,407	138,312	78,945	59,367	65,028	31,075	33,953	2,660,366	850,878	1,809,488	115,399	72,189	43,210	108,607	55,210	53,397	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
Revision Effective Date: March 20, 2018

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA SUMMARY																				
STATEWIDE		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	100,095	68,760	31,335	283,796	90,884	192,912	144,891	82,512	62,379	175,889	162,448	13,441	148,785	134,530	14,255	
City and County of Honolulu		29,508	17,000	12,508	29,153	19,239	9,914	11,479	6,593	4,886	51,630	18,254	33,376	52,958	18,128	34,830	13,277	9,593	3,684	
ISLAND OF OAHU		188,277	106,719	81,558	129,248	87,999	41,249	295,275	97,477	197,798	196,521	100,766	95,755	228,847	180,576	48,271	162,062	144,123	17,939	
Hawaii - State		66,236	48,828	17,408	28,740	9,844	18,896	38,886	18,182	20,704	104,692	3,993	100,699	41,174	60,939	(19,765)	35,634	40,667	(5,033)	
County of Hawaii		900	720	180	18,300	11,264	7,036	14,680	11,640	3,040	12,820	10,016	2,804	14,800	14,637	163	22,900	14,080	8,820	
ISLAND OF HAWAII		67,136	49,548	17,588	47,040	21,108	25,932	53,566	29,822	23,744	117,512	14,009	103,503	55,974	75,576	(19,602)	58,534	54,747	3,787	
Maui - State		32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	32,999	5,044	27,955	35,584	12,067	23,517	35,523	17,018	18,505	
County of Maui		10,960	6,773	4,187	11,425	6,720	4,705	19,700	12,640	7,060	13,193	9,469	3,724	56,186	42,034	14,152	32,504	24,531	7,973	
ISLAND OF MAUI		43,763	18,314	25,449	72,489	39,105	33,384	45,519	17,030	28,489	46,192	14,513	31,679	91,770	54,101	37,669	68,027	41,549	26,478	
Kauai - State		18,006	5,091	12,915	26,489	11,511	14,978	43,514	18,451	25,063	49,954	20,923	29,031	73,069	42,215	30,854	16,499	19,599	(3,100)	
County of Kauai		6,425	5,140	1,285	3,466	3,303	163	18,473	15,461	3,012	10,369	8,577	1,792	25,434	21,950	3,484	16,514	15,673	841	
ISLAND OF KAUAI		24,431	10,231	14,200	29,955	14,814	15,141	61,987	33,912	28,075	60,323	29,500	30,823	98,503	64,165	34,338	33,013	35,272	(2,259)	
FHWA TOTAL		361,312	191,505	169,807	314,777	168,651	146,126	516,833	189,467	327,366	466,518	181,938	284,580	526,184	404,050	122,134	372,216	296,881	75,335	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #14 APPROVED  
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FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			99,005			98,941			67,737			93,371			198,473			177,110		
BRIDGE OFF-SYSTEM			720			720			0			720			800			800		
STP ENHANCEMENT/TAP			2,872			4,549			3,049			4,729			19,439			19,645		
STP FLEXIBLE			80,481			53,103			76,934			67,770			169,932			85,714		
SECTION 1404 - (Safe Routes to School)			200			1,500			1,250			550			355			385		
HSIP (Highway Safety Improvement Program)			2,466			7,424			16,514			10,437			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			800			200		
EARMARK - RE-PURPOSED EARMARKS			0			0			3,360			2,900			0			0		
STSFA 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		191,505			168,651			189,467			181,938			404,050			296,881		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)			(1,218)			(22,787)			(3,165)			(1,065)			(465)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		186,940			167,433			166,680			178,773			402,985			296,416		