

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)		
STATEWIDE - FHWA																					
S1. Bikeway Improvements at Various Locations, Statewide Enhance	PE1																			STP FLEXIBLE	
	PE2																				
	ROW																				
	CON																				
	ADVCON																				
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. Bridge Inspection and Appraisal SysPres	PLN	3,100	2,480	620				3,500	2,800	700	13,500	10,800	2,700	3,500	2,800	700	3,500	2,800	700	NHPP (increase cost to include Bridge Load Rating Federal requirements.)	
<i>Estimated Total Project Cost - \$24,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																					
S3. Construction Career Days Workforce Development Program Human	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																					
S27. Environmental Guideline Development SysPres	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 SysPres	PLN							8,000	4,000	4,000										STSFSA Grant	
	PLN							3,125	2,500	625										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 "billings") for mileage driven and other direct communications about revenue alternatives to over 1 million motorists. Billings will feature personalized information about motorists' road use and corresponding RUC, gas taxes paid, and other fees. The first demonstration activities will launch in the first half of 2017 with manual reporting and feature continuous feedback from motorists over 18 months. The grant proposal can be downloaded at http://hidot.hawaii.gov/administration/library/publications/.</i>																					
S23. Highway Program Peer Exchange (HDOT-CFL) SysPres	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 SysPres	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 Safety	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 Safety	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 SysPres	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 Enhance	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 Modern	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 Safety	PE	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL	
	PE/CON				1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	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 Enhance	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 Modern	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 Safety	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	6,000	4,800	1,200	5,000	5,000	0	5,000	5,000	0	5,000	
	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	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																					
S12. Statewide Signing, Striping and Pavement Marking Program SysPres	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	
	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	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																					
S13. Statewide Guardrail and Shoulder Improvement Program SysPres	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	
	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	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																					
S14. Structural Countermeasures for Scour Critical Bridges SysPres	CON													3,000	0	3,000				LOCAL	
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
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
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				
S16. Traffic Counting Stations, Various Locations	CON										1,500	1,200	300							STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP</i>																				
S26. Transportation Alternative Program	PE/CON							2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP
<i>Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.</i>																				
STATEWIDE - FHWA TOTAL		37,705	6,693	31,012	36,045	5,625	30,420	53,436	17,116	36,320	59,980	27,348	32,632	49,985	14,127	35,858	44,165	11,981	32,184	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
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)
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480		0		2,800		10,800		2,800		2,800		2,800					
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0					
STP ENHANCEMENT / TAP			0		0		1,840		1,840		1,840		1,840		1,840					
STP FLEXIBLE			1,318		1,430		4,221		9,847		5,882		2,846							
SECTION 1404 - (Safe Routes to School)			200		1,500		1,400		1,500		750		0							
HSIP (Highway Safety Improvement Program)			2,430		2,430		2,590		3,096		2,590		4,230							
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0		0					
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0					
FTA TRANSFER FUNDS			0		0		0		0		0		0		0					
EQUITY BONUS			0		0		0		0		0		0		0					
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0					
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0		0					
STSFA GRANTS			0		0		4,000		0		0		0		0					
EARMARK - SECTION 115			0		0		0		0		0		0		0					
EARMARK - SECTION 117			0		0		0		0		0		0		0					
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265		265					
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0					
DISCRETIONARY			0		0		0		0		0		0		0					
H-3 DISCRETIONARY			0		0		0		0		0		0		0					
IMD (NHPP Discretionary)			0		0		0		0		0		0		0					
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0					
SUBTOTAL			6,693		5,625		17,116		27,348		14,127		11,981							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(4,265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0					
REGULAR FORMULA AUTHORITY			6,428		5,360		12,851		27,083		13,862		11,716							

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)		
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 Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place. Farrington Highway (Rte 93) Resurfacing Kili Street to Satellite Tracking Station Mokapu Saddle Road (RTE 65) Resurfacing Nanamoana Street to Oneawa Street Kalhi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	CON	14,551	1,835	12,716																	
	ADVCON				0	10,000	(10,000)														
	CON	17,700	14,600	3,100																	
	CON				16,000	12,800	3,200														
	CON							10,000	8,000	2,000											
	CON							9,000	0	9,000											
	ADVCON										0	7,200	(7,200)								
<i>Estimated Total Project Cost - \$237,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW										597	478	119							NHPP	
SysPres Ulehawa Stream Bridge	CON													8,405	6,724	1,681					
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																					
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP	
SysPres Maipalaoa Bridge	ADVCON				0	6,000	(6,000)														
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																					
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW										1,170	936	234							NHPP	
SysPres Makaha Bridges #3 & #3A	CON													22,000	7,600	14,400					
ADVCON																	0	10,000	(10,000)		
<i>Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																					
OS6. Farrington Highway (Route 93) Corridor Study	PLN							500	400	100										RE-PURPOSED EARMARKS	
<i>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.</i>																					
OS5. Freeway Management System,																				NHPP	
Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200	(1,200)														
Phase 1C Part 3	CON				5,100	4,080	1,020														
Phase 2A	CON							10,200	0	10,200											
ADVCON											0	8,160	(8,160)								
System Manager	OPR				2,020	1,616	404														
Phase 3	PE1									1,380	1,104	276									
PE2													730	584	146						
CON																10,200	4,000	6,200			
ADVCON																					
<i>Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																					
OS57. Freeway Management System,	OPR										350	280	70	350	280	70	350	280	70	NHPP	
Congest Joint Traffic Management Center Operations (State)																					
<i>Estimated Total Project Cost - \$1,400,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.</i>																					
OS9. Freeway Service Patrol	OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP	
Congest																					
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																					
OS10. Guardrail and Shoulder Improvements, Various Locations	CON				2,228	1,782	446													HSIP	
Phase 1	PE1												177	0	177						
Phase 2	PE2															94	0	94			
Phase 3	PE1															170	136	34			
<i>Estimated Total Project Cost - \$10,000,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																					
OS64. Honolulu Rail Transit Project - Highway Improvements	CON				3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$41,250,000 -- Traffic improvements to traffic control devices and intersections affected by rail construction along the West Oahu Farrington Highway (Routes 7110 & 7101 from Old Fort Weaver Road to Waipahu High School) and Kamehameha Highway (Route 99 from Acacia Road to Aloha Stadium) Guideway construction corridors.</i>																					
OS11. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP	
Congest																					
<i>Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																					

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)				
OS12. Upgrade/Replacement, Phase II SysPres	CON							7,140	2,712	4,428									NHPP	
	ADVCON												0	3,000	(3,000)					
	DES				554	499	55													
	CON													6,000	5,400	600				
<i>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.</i>																				
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													
<i>Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge.</i>																				
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)				
<i>Estimated Total Project Cost - \$15,000,000 -- Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study</i>																				
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	
<i>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 Lauhala 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.</i>																				
OS59. Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange Modern	DES				900	0	900												LOCAL	
<i>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.</i>																				
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)		
<i>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.</i>																				
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													
<i>Estimated Total Project Cost - \$7,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS16. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00 SysPres	CON											7,446	0	7,446					NHPP	
	ADVCON													0	5,957	(5,957)				
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																				
OS17. Interstate Route H-1, Kapolei Interchange Complex Modern	CON	4,800	4,300	500															INTERSTATE DISCRETIONARY NHPP	
	CON	65,500	41,200	24,300																
	ADVCON				0	3,000	(3,000)	0	15,000	(15,000)										
	DES				571	0	571													
CON																				
CON																				
<i>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.</i>																				
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 SysPres	CON																25,200	8,000	17,200	
	ADVCON																			
<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																				
OS67. Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa SysPres	PE2/CON							80,000	7,500	72,500									NHPP	
	ADVCON											0	14,500	(14,500)	0	34,000	(34,000)			
<i>Estimated Total Project Cost - \$80,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.</i>																				
OS20. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalalai IC) to Waiawa Overpass Safety	CON							4,080	1,000	3,080									HSIP	
	ADVCON											0	2,264	(2,264)						
<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
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				
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
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)				
<i>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.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OS24. Kalaniana'ole Highway (Route 72), Bridge Replacement Inoale Stream Bridge, Waimanalo	CON ADVCON												10,200	2,160	8,040		0	6,000	(6,000)	NHPP	
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																					
OS25. Kalaniana'ole 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
<i>Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																					
OS26. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier																					NHPP
Phase 2 - Poalima Street (MP 3.2) to Aloiloi Street	DES CON CON CON				2,244	1,795	449										13,300	10,640	2,660	STP ENHANCEMENT EARMARK - HIGH PRIORITY	
Phase 3 - Aloiloi Street to Vic. of Makai Pier (MP 6.9)	DES				1,632	1,306	326									250	200	50			
<i>Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to vic. of Makai Pier. Project includes turning lanes, bus pullouts, bicycle facility improvements, lighting improvements and road way resurfacing.</i>																					
OS53. Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	DES ROW CON CON	1,300	1,040	260						2,500	2,000	500									NHPP RE-PURPOSED EARMARKS
<i>Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge</i>																					
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	ROW CON ADVCON												297	238	59		6,367	1,094	5,273	NHPP	
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																					
OS28. Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON ADVCON												17,600	4,080	13,520		0	10,000	(10,000)	NHPP	
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																					
OS29. Kamehameha Highway (Route 83), Bridge Replacement Kaluani Stream Bridge	ROW CON ADVCON									663	530	133	9,200	2,360	6,840		0	5,000	(5,000)	NHPP	
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																					
OS30. Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	ROW DES CON	75	0	75																	NHPP
<i>Estimated Total Project Cost - \$7,500,000 -- Replace the existing bridge.</i>																					
OS54. Kamehameha Highway (Route 99), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	DES ROW CON	1,800	1,440	360																	NHPP
<i>Estimated Total Project Cost - \$13,500,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																					
OS31. Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW CON ADVCON									208	166	42	9,740	792	8,948		0	7,000	(7,000)	NHPP	
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																					
OS32. Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	ROW CON ADVCON									1,040	832	208	27,050	11,640	15,410		0	10,000	(10,000)	NHPP	
<i>Estimated Total Project Cost - \$30,300,000 -- Replace the existing bridge.</i>																					
OS33. Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge	PREROW ROW												0	0	0						NHPP EARMARK-HIGH PRIORITY (defer out of STIP. Reassessment of bridge determined the bridge is structurally sound so this project will be reauthorized for the future) C.2
<i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																					
OS34. Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge	ROW CON ADVCON												0	0	0	585	468	117			NHPP (defer/inflate. PE consultant not procured yet. Anticipated 5/17). C.2
<i>Estimated Total Project Cost - \$13,300,000 - replace the existing bridge</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)								
OS35. Kamehameha Highway (Route 83), Bridge Replacement Waikane Stream Bridge	ROW CON												281	225	56		9,103	2,282	6,821	NHPP				
<i>Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																								
OS36. Kamehameha Highway (Route 83), Bridge Replacement Waipiopilo Stream Bridge	ROW CON ADVCON								1,020	816	204				9,445	556	8,889				NHPP			
<i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																								
OS61. Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaioloa Beach	PE2 ADVCON ROW								2,900		2,900				0	2,320	(2,320)		1,060	848	212	NHPP		
<i>Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.</i>																								
OS37. Kamehameha Highway (Route 83), Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa	ROW CON ADVCON							0	0	0					0	0	0				NHPP (defer out of STIP. New feasibility study to be done to assess constructability) of alternatives. Will be reprioritized in the next STIP). C.2			
<i>Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>																								
OS55. Kamehameha Highway (Route 83) Safety Improvements Kahana Valley Road to Kaaawa Bridge	CON				1,632	1,306	326															HSIP		
<i>Estimated Total Project Cost - \$1,850,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																								
OS51. Kamehameha Highway (Route 83), Safety Improvements Kaheki Highway (Route 83) to Vic. Of Waikane Valley Road	CON								1,700	1,360	340											HSIP		
<i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																								
OS65. Kamehameha Highway (RTE 83) Shoreline Mitigation Vicinity of Kualoa, Kaaawa, Punaluu and Hauula	PE1 PE2/CON ADVCON				100	80	20						10,400		0	10,400			0	5,000	(5,000)	NHPP		
<i>Estimated Total Project Cost - \$11,100,000 -- Repair identified locations along the coastal highway that have a very high probability of further erosion in the immediate future.</i>																								
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)	CON											10,820	8,640	2,180								NHPP		
<i>Estimated Total Project Cost - \$12,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																								
OS40. Kamehameha Highway (Route 83) Shoreline Protection, Vicinity of Punaluu (#9)	CON																7,650	6,120	1,530			NHPP		
<i>Estimated Total Project Cost - \$8,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>																								
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON ADVCON								6,500	0	6,500			0	5,200	(5,200)						NHPP		
<i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																								
OS42. Kualakai Parkway (Route 8930) Extension	CON ADVCON											18,100		0	18,100			0	8,000	(8,000)	0	6,480	(6,480)	STP FLEXIBLE
<i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>																								
OS43. Leeward Bikeway Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON ADVCON								9,360	0	9,360			0	7,488	(7,488)							STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.</i>																								
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON ADVCON							4,400	0	4,400			0	3,520	(3,520)								NHPP	
<i>Estimated Total Project Cost - \$5,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																								
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON ADVCON							12,200	0	12,200			0	4,260	(4,260)	0	5,500	(5,500)					NHPP (cost estimate increase beyond admin mod threshold) C.8	
<i>Estimated Total Project Cost - \$13,000,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																								
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON ADVCON								2,533	26	2,507			0	2,000	(2,000)							NHPP	
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																								

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND. CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A" and Puuloa Separation	CON ADVCON												0	0	0	0	0	0	NHPP C.2 (project deleted due to excessive PE delays. PE deobligated. To be reprioritized for later re-programming)	
<i>Estimated Total Project Cost - \$11,700,000 -- Retrofit interchange structures, Puuloa Interchange, Ramp "A" and Puuloa Separation, to meet current seismic standards.</i>																				
OS62. Pali Highway (Route 61) Resurfacing & Lighting Improvements SysPres Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																			NHPP	
Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waakanaka St. to Kamehameha Hwy.	CON ADVCON							69,000	24,000	45,000			0	10,200	(10,200)	0	21,000	(21,000)		
Ph 2 - Resurfacing, Vineyard Blvd to Waakanaka St	CON ADVCON							4,300	3,440	860						18,000	4,400	13,600		
<i>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.</i>																				
OS49. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																				
OS52. Sand Island Access Road (Route 64), Truck Weigh Station Safety Kapalama Container Terminal	DES PREROW ROW CON ADVCON				135	0	135													NHPP
<i>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.</i>																				
OS63. Traffic Counting Stations, Various Locations Modern	CON ADVCON							2,500	0	2,500			0	2,000	(2,000)					STP FLEXIBLE
<i>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.</i>																				
OAHU : STATE - FHWA TOTAL		158,769	89,719	69,050	100,095	68,760	31,335	277,376	95,684	181,692	141,009	77,970	63,039	220,006	185,242	34,764	120,158	123,468	(3,310)	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																				
OS50. Human Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
<i>Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																				
OS68. Transit HDOT State Safety Oversight Program	OPR							875	700	175	225	180	45	225	180	45	225	180	45	FTA SECTION 5329 (2017 funds total of 2014, 15, 16 & 17) NEW PROJECT. C.1
<i>Estimated Total Project Cost - \$1,775,000 -- This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will implement 49 CFR Part 674 State Safety Oversight Final Rule.</i>																				
OAHU : STATE - FTA TOTAL		482	385	97	497	397	100	1,387	1,109	278	754	602	152	771	615	156	789	629	160	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
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										
	OPR										300	240	60							
<i>Estimated Total Project Cost - \$97,813,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.</i>																				
OC2. Bikeway Improvements Program Hamakua Drive (RTE 6010) Enhance	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				
TBD - DES 2020	ROW															125	100	25		
PE2																1	0	1		
PE1																425	300	125		
<i>Estimated Total Project Cost - \$6,695,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																				
OC3. Bridge Inspection and Appraisal 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
<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System Congest	PE1										250	199	51							STP FLEXIBLE
Phase 14 - Mililani Town	CON													103	82	21				
	EQP													3,167	2,351	816				
	OPR													1	0	1				
Phase 15 - Wahiawa	PE1													250	199	51				
	PE2																103	82	21	
	CON																4,080	3,264	816	
Phase 16 - Nanakuli/Waianae	EQP																1	0	1	
	PE1																250	199	51	
Phase 17 - TBD	PE2																103	82	21	
	PE1																245	195	50	
PE2																	100	80	20	
<i>Estimated Total Project Cost - \$12,508,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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																
<i>Estimated Total Project Cost - \$23,789,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.</i>																				
OC7. Makakilo Drive (Route 8810) Extension Modern	PE2						1,500	0	1,500	1,570	0	1,570								STP FLEXIBLE
<i>Estimated Total Project Cost - \$46,400,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																				
OC23. Salt Lake Boulevard Widening Modern	CON									39,172	10,172	29,000	40,000	11,000	29,000					STP FLEXIBLE
<i>Estimated Total Project Cost - \$80,000,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liliko Streets.</i>																				
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	1,625	0	1,625					
	CON												130	0	130					
	INSP																			
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		
<i>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.</i>																				
OC9. Traffic Signal Optimization Congest	PE1												390	312	78					STP FLEXIBLE
	PE2															260	208	52		
Phase 7 - TBD	PE1									1	0	1								
	PE2									100	0	100								
Phase 8 - TBD	PE1												1	0	1					
	PE2												100	0	100					
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS			
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)				
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE			
Congest																							
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/Nanaikaola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Lili'oi 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/Kilihau St, Kuaia St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	CON										3,872	3,092	780										
	EQP							5	0	5	4	0	4										
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtaling 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 - Waiatae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE1				274	219	55																
	PE2										188	150	38						4,205	3,364	841		
	CON																		4	0	4		
	EQP																						
Phase 20 - TBD	PE1										319	255	64										
	PE2													138	110	28							
Phase 21 - TBD	PE1													319	255	64							
	PE2																		138	110	28		
<i>Estimated Total Project Cost - \$23,515,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																							
OC25. Transportation Alternatives Program at Various Locations																					TAP-U		
Enhance																							
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							1,000	800	200													
3 - Ala Wai Pedestrian and Bicycle Safety and Mobility 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	1,000	800	200										
	PE1																						
6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON													3,389	2,711	678				1,000	800	200	
	CON																						
<i>Estimated Total Project Cost - \$7,889,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.</i>																							
OC26. Transportation Alternative Program (State)																					TAP		
Enhance																							
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 2 - Date Street Bikeway Bridge	PE1				400	312	88																
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds)	PE2/CON				250	200	50																
<i>Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																							
OC11. Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62																	STP FLEXIBLE		
SysPres																							
<i>Estimated Total Project Cost - \$5,000,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.</i>																							
OAHU : C&C OF HONOLULU - FHWA TOTAL		29,508	17,000	12,508	29,553	19,551	10,002	9,168	4,744	4,424	50,936	17,698	33,238	56,436	20,725	35,711	13,768	9,984	3,784				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																				
OC12. Agency-Provided Trips	Human																			
	OPR	334	167	167																
	OPR				209	104	105													
	OPR	512	249	263																
	OPR				722	307	415													
	OPR	733	0	733	1,087	0	1,087	2,259	0	2,259	3,100	0	3,100	3,223	0	3,223	3,352	0	3,352	
<i>Estimated Total Project Cost - \$11,899,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.</i>																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
	INSP				48	38	10	49	39	10										
<i>Request to add 60 <30' buses from previously 10 <35 buses in FFY 2017 (C.4) FTA \$5307/\$5340 (2015)-</i>																				
FY2015 = 17-40' buses + 19-60' buses + 19 small vans + 6 < 30' buses	EQP	15,086	11,461	3,625																
	EQP	2,403	1,923	480																
	EQP	2,673	2,158	515																
	EQP	8,636	6,909	1,727																
FY2016 = 30 <30' buses + 0-35' buses + 15-40' buses + 10-60' buses	EQP				3,688	2,519	1,169													
	EQP				13,018	10,414	2,604													
	EQP				1,410	1,133	277													
	EQP				4,453	3,562	891													
FY2017 = 40 <35' 60 <30' buses + 10-40' buses + 10-60' buses	EQP							9,633	7,706	1,927										
	EQP							1,164	929	235										
	EQP							4,866	3,891	975										
	EQP							7,528	6,027	1,501										
FY2018 = 9 <35' buses + 10-40' buses + 10-60' buses	EQP										20,825	2,231	18,594							
	EQP										1,503	1,202	301							
	EQP										3,345	2,399	946							
FY2019 (TBD)	EQP													20,825	2,231	18,594				
	EQP													1,533	1,226	307				
	EQP													3,411	2,447	964				
FY2020 (TBD)	EQP																20,825	2,231	18,594	
	EQP																1,564	1,251	313	
	EQP																3,480	2,496	984	
<i>Estimated Total Project Cost - \$153,918,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC14. Bus Stop ADA Access and Site Improvements	Transit																			
	PLN	1	0	1	5	0	5	5	0	5	1	0	1	1	0	1	1	0	1	
	DES	270	0	270	365	0	365	365	0	365	270	0	270	270	0	270	270	0	270	
	CON	621	300	321	495	145	350	245	145	100	321	0	321	321	0	321	321	0	321	
	ROW	5	0	5	20	0	20	0	0	0	5	0	5	5	0	5	5	0	5	
	EQP				5	0	5	5	0	5										
	RELOC	1	0	1	5	0	5	20	0	20	1	0	1	1	0	1	1	0	1	
	INSP																			
<i>Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).</i>																				
OC15. Bus Stop Site Improvements	Transit																			
	PLN	5	0	5																
	ROW	1	0	1																
	DES	90	0	90																
	CON	1,735	1,330	405																
	EQP	1	0	1																
<i>Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																				
OC24. Capital Training	Transit																			
	OPR	25	20	5	25	20	5	25	20	5	26	21	5	26	21	5	27	22	5	
<i>Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.</i>																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OC16. Honolulu Rail Transit Project Transit \$5309 New Starts FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64) FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25 and OC26)	HRTP							2,480,034	744,010	1,736,024										FTA \$5309 NS	
	HRTP							22,500	18,000	4,500	18,750	15,000	3,750							FTA \$5307/ \$5340	
	HRTP							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. Local Shuttle Service Human	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 Kalaheo homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.																					
OC18. Middle Street Intermodal Center Transit	PLN										1	0	1							FTA \$5339	
	PLN							1,846	1,348	498										FTA \$5339 (2016)	
	DES										200	0	200							LOCAL	
	CON													5,864	0	5,864	5,867	0	5,867	LOCAL	
	EQP													1	0	1	1	0	1	LOCAL	
Estimated Total Project Cost - \$13,780,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																					
OC19. Mobility Management Human	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. Pedestrian Transit Connections SysPres	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. Preventive Maintenance Transit	OPR				41,638	21,833	19,805	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000	6,250	FTA \$5307/ \$5340	
	OPR	32,927	17,265	15,662																	FTA \$5307/ \$5340 (2015)
	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 Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	EQP	413	330	83	356	296	60	374	299	75	381	305	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	2,563,681	808,414	1,755,267	80,252	46,158	34,094	67,861	31,236	36,625	68,127	31,317	36,810		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
FHWA FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)		85,132			61,313			63,657			56,971			169,467			111,669			
BRIDGE OFF-SYSTEM		720			720			0			720			800			800			
STP ENHANCEMENT / TAP		0			2,611			1,200			888			10,199			5,496			
STP FLEXIBLE		16,280			19,220			26,544			33,178			25,214			14,864			
SECTION 1404 - (Safe Routes to School)		0			0			0			0			0			0			
HSIP (Highway Safety Improvement Program)		0			4,160			4,440			3,624			0			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			88,311			100,428			95,668			205,967			133,452			
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			88,311			96,128			95,668			205,967			133,252			

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)					
HAWAII - STATE - FHWA																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON												8,190	6,552	1,638				STP FLEXIBLE		
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																					
HS2. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE	
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																					
<i>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)</i>																					
<i>The current list of prioritized proposed SMP projects has been posted on the STP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
HS23. Daniel K. Inouye Highway (Route 200) Extension Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW							260	208	52										STP FLEXIBLE	
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS24. Daniel K. Inouye Highway (Route 200) Improvements Phase 2D: East Side Grade & Pave, MP 6 to MP 11	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)	
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HS3. Guardrail and Shoulder Improvements, Various Locations	PE1																	35	28	7	STP FLEXIBLE
	PE2																	65	52	13	
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																					
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW										1,173	938	235							NHPP	
	CON																	10,600	8,480	2,120	
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																					
HS5. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	PREROW	50	40	10																NHPP	
	ROW				1,250	1,000	250														
	CON										8,500	600	7,900								
	ADVCON													0	6,200	(6,200)					
<i>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.</i>																					
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge to Waipunahina Bridge East Paaulo Bridge and Vicinity of Kalopa Bridge	CON										5,600	480	5,120							NHPP	
	ADVCON													0	4,000	(4,000)				(Combine with HS9 and add bridge scope. Estimate already reflects these changes).	
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																	1,560	1,248	312	NHPP
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON													1,560	1,248	312				NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																					
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON				0	0	0													NHPP (DELETE. Project not obligated in 2016. Combine with HS6.)	
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.</i>																					
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW							270	216	54										NHPP	
	CON										56,700	0	56,700							(cost increase due to increase in rockfall mesh coverage from 2/3 of the slope to the entire slope. This reduces maintenance costs.)	
	ADVCON													0	20,000	(20,000)	0	25,360	(25,360)		
<i>Estimated Total Project Cost - \$60,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																					
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW							0	0	0										STP FLEXIBLE (no need ROW)	
	CON												3,640	2,912	728						
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																					
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW												2,290	1,832	458					NHPP	
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2020 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS			
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road <i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>	PREROW				104	83	21													STP FLEXIBLE			
	ROW															2,020	1,616	404					
	CON																						
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements <i>Estimated Total Project Cost - \$32,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.</i>	CON				3,692	2,954	738														STP FLEXIBLE		
	CON				520	468	52														HSP		
	CON																						
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2 <i>Estimated Total Project Cost - \$4,040,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>	DES	40	36	4																	HSP		
	CON							4,000	3,200	800													
	CON																						
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7) <i>Estimated Total Project Cost - \$10,000,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																	STP FLEXIBLE		
	ROW	100	0	100																			
	CON							7,500	6,000	1,500													
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement <i>Estimated Total Project Cost - \$9,454,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																	STP FLEXIBLE		
	ROW	65	0	65																			
	CON							5,500	4,400	1,100											RE-PURPOSED EARMARKS		
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa <i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON										9,735	788	8,947								STP FLEXIBLE		
	ADVCON													0	7,000	(7,000)							
	CON																						
HS27. Mamalahoa Highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road <i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.</i>	CON				6,120	4,896	1,224														STP FLEXIBLE		
	CON							1,457	1,311	146												HSP	
	CON																						
HS21. National Recreational Trails Program - Hawaii (DLNR) <i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	CON																						
	CON																						
HS22. Puainako St (Rte 2000) Widening and Realignment, Kanoelohua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelohua Ave (Rte 11) Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770) <i>Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW										54	43	11								STP FLEXIBLE		
	ROW													5,600	4,480	1,120							
	ROW													1,000	800	200						EARMARK - HIGH PRIORITY (HI025)	
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) <i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>	PREROW																					STP FLEXIBLE	
	ROW																						
	CON							1,265	1,140	125												HSP	
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park <i>Estimated Total Project Cost - \$6,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																		NHPP	
	CON										6,000	800	5,200									RE-PURPOSED EARMARKS	
	ADVCON													0	4,000	(4,000)							
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)				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)		
COUNTY OF HAWAII - FHWA																					
HC1. Allii Drive (Route 186) Culvert Replacement System Preservation	CON											12,320	6,856	5,464						STP FLEXIBLE	
	ADVCON															0	3,000	(3,000)			
<i>Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																					
HC3. Bridge Inspection and Appraisal System Preservation	PLN				200	160	40					200	160	40				200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																					
HC10. Hakalau Stream Bridge Replacement (Route 222) System Preservation	PE1										150	0	150								STP FLEXIBLE
	PE2										250	0	250								
	CON										3,000	2,400	600								
<i>Estimated Total Project Cost - \$3,400,000 -- Repair or reconstruct and restore the structural integrity and safety of the Hakalau Stream Bridge.</i>																					
HC11. Kaahakini Stream Bridge Rehabilitation System Preservation	PE1									200	0	200									STP FLEXIBLE
	PE2																				
	CON																		5,000	4,000	
<i>Estimated Total Project Cost - \$5,500,000 -- Repair or reconstruct and restore the structural integrity and safety of the Kaahakini Stream Bridge.</i>																					
HC4. Kawaiiani Street (Rte 2760) Improvements Congestion Vicinity of Kanoelani Street to Vicinity of Kuhlani Street Phase 2B	CON				18,100	11,104	6,996														STP FLEXIBLE
	ADVCON										0	3,216	(3,216)								
	ADVCON										0	160	(160)								
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																					
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modernization Hualalai Road (Route 188) to Proposed Allii Highway (Route 1110)	PE2														1,632	1,305	327				STP FLEXIBLE
	CON																	17,700	9,920	7,780	
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Allii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																					
HC6. Māmalahoa Highway (Route 19) Widening Modernization (Mud Lane to Mana Road)	CON								11,080	5,864	5,216										NHPP
	ADVCON											0	3,000	(3,000)							
<i>Estimated Total Project Cost - \$24,000,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Māmalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																					
HC7. Waianuenue Avenue (Route 2720) Improvements Safety Rainbow Drive to Akolea Road	DES	900	720	180																	STP FLEXIBLE
	ROW														265	212	53				
	CON														12,903	10,120	2,783				
<i>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.</i>																					
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		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
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)
<i>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.</i>																				
HC12. Bus and Bus Facility (discretionary)	EQP							475	380	95										FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit Estimated Total Project Cost - \$475,000 -- Capital projects to replace buses.</i>																				
HC9. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
<i>Transit Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
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	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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			

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)			
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																	
<i>Estimated Total Project Cost - \$117,960,000--System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																						
MS2.	Guardrail and Shoulder Improvement Program at Various Locations, Maui																				STP FLEXIBLE	
Safety	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			
<i>Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.</i>																						
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					
<i>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. Puchokamao, 2. Kopiliua, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali</i>																						
MS19	Hana Highway (Route 36) Safety Improvements, Kaiaea Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	DES				50	45	5													HSIP	
Safety		CON										450	405	45								
<i>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.</i>																						
MS4.	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW										6,900	520	6,380							NHPP	
Modern		CON																				
		ADVCON													0	5,000	(5,000)					
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																						
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW										0	0	0						104	83	21
SysPres		CON										0	0	0						5,825	4,660	1,165
		ADVCON													0	0	0					
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.</i>																						
MS6.	Honoapiilani Highway (Route 3000) Realignment Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																	
Modern		ROW				100	0	100														
		PE2/CON				38,875	31,100	7,775														
<i>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.</i>																						
MS7.	Honoapiilani Highway (Route 30), Safety Improvements Ukumehame to Olowalu	CON							1,352	1,217	135										HSIP	
Safety																						
<i>Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>																						
MS17.	Honoapiilani Highway (Route 30), Safety Improvements Vicinity of Kapoli Street to Papalaua Beach Park	CON							3,120	2,496	624										HSIP	
Safety																						
<i>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.</i>																						
MS8.	Honoapiilani Highway (Route 30) Shoreline Protection Vicinity of Olowalu	CON	3,250	2,600	650																NHPP	
SysPres																						
<i>Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.</i>																						
MS9.	Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay	PREROW	20	16	4																STP FLEXIBLE	
SysPres		ROW							240	192	48											
		CON										5,233	186	5,047								
		ADVCON													0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.</i>																						

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS	
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)		
MS10. National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																					
MS12. Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park	PE2 PREROW													3,570	2,856	714				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																					
MS20. Piilani Highway (Route 31) Safety Improvements	DES				90	81	9													HSIP	
Safety N. Kihei Rd to the Vicinity of Alanui Ke Alii Dr., Waiilea Ike Dr., MP 0.0 to MP 8.5 7.15	CON												1,200	960	240					(extend project limits and increase cost estimate)	
<i>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.</i>																					
MS13. Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8				158	126	32				13,500	5,800	7,700			0	5,000	(5,000)
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																					
MOLOKAI																					
MS15. Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON																7,535	6,028	1,507	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																					
MAUI : STATE - FHWA TOTAL		32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	37,832	4,910	32,922	39,084	18,867	20,217	35,523	17,018	18,505		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)				
COUNTY OF MAUI - FHWA																				
MC1. Alaialua Bridge Replacement, SysPres Hana Highway (Route 3700), MP 33.80	DES						750	0	750										LOCAL	
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road, constructing a new bridge, then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, SysPres Phase 2 - Halimalele Road to Hana Hwy	CON				6,700	5,000	1,700												STP FLEXIBLE	
<i>Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC3. Bridge Inspection and Appraisal SysPres	PLN		427	85			100	80	20				300	240	60				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.</i>																				
MC4. Central Maui Traffic Signal Upgrades Congest	DES						270	0	270										STP FLEXIBLE	
	CON												1,300	1,040	260					
Papa Ave (Rte 3910, MP 1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66) Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																				
<i>Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC5. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Halimalele 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					
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																				
MC6. Hahalawe Bridge Replacement, SysPres Hana Highway (Route 3700), MP 31.05	DES				700	0	700												STP FLEXIBLE	
	CON															7,550	5,400	2,150		
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC10. Kahana Nui Bridge Replacement, SysPres Lower Honoapiilani Road (Route 3080), MP 2.40	CON												3,683	2,570	1,113				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,000,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC11. Kahawaikapia Bridge Replacement, SysPres Hana Highway (Route 3700), MP 36.61	DES	830	24	806															STP FLEXIBLE	
	CON												5,620	3,672	1,948					
<i>Estimated Total Project Cost - \$6,500,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), SysPres Mahalanui Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waialeale Road (Route 3180)	DES						300	0	300										STP FLEXIBLE	
	CON												6,730	5,384	1,346					
<i>Estimated Total Project Cost - \$7,100,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC41. Kaupakalua Road (Route 365) Pavement Rehabilitation SysPres	DES				550	0	550												STP FLEXILE	
	CON												8,800	6,400	2,400					
	CON												7,700	5,600	2,100					
<i>Estimated Total Project Cost - \$13,850,000 -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.</i>																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)					
MC13. Kihai Bikeway, Phase 2, Liloa Drive (Route 3115, MP 1.39-1.49), Lipoa Street (Route 3160) to Halekua Street	CON	3,590	2,872	718															STP ENHANCEMENT		
<i>Estimated Total Project Cost - \$5,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction.</i>																					
MC14. Kokomo Road (Rte 366, MP 3.9-3.1) Pavement Reconstruction Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-3.1) Pavement Reconstruction Pihiolo Road to Kokomo Road (Route 366)	CON						9,500	6,960	2,540										STP FLEXIBLE		
<i>Estimated Total Project Cost - \$11,000,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>																					
MC15. Koukouai Bridge Modifications, Piilani Highway (Route 3700), MP 28.59	CON											6,120	4,488	1,632					STP FLEXIBLE		
<i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																					
MC16. Kuikahi Drive (Route 3210, MP 1-0.2) Pavement Rehabilitation, Kualau Street to Honoapiilani Highway (Route 30)	DES CON	185	8	177															STP FLEXIBLE		
<i>Estimated Total Project Cost - \$2,300,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																					
MC17. Kulanihakai Bridge Replacement South Kihai Road (Route 3100), MP 1.40	CON									4,243	3,329	914							STP FLEXIBLE		
<i>Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.</i>																					
MC18. Lelekea Bridge Replacement Piilani Highway (Route 3700), MP 27.23	CON																3,994	3,195	799		
<i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																					
MC19. Lower Honoapiilani Road (Route 3080, MP 2-3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	DES CON				350	0	350												STP FLEXIBLE		
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES CON						300	0	300									5,100	4,000	1,100	
<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC21. Lower Main Street (Route 3830, MP 2.0-1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175												STP FLEXIBLE		
<i>Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC22. Makawao Avenue (Route 365, MP 1.5-1.7) - Makani Road (Route 3630, MP 1.4-1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW CON				750	0	750											1,301	1,020	281	
<i>Estimated Total Project Cost - \$2,100,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																					
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3	CON																	730	584	146	
<i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.</i>																					
MC24. North Shore Greenway, Phase IV Hana Highway (Route 36, MP 5.28-6.11) from Ulupua Street to Baldwin Park	CON							1,785	1,400	385										STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>																					
MC25. North-South Collector Road (Route 3115, MP 1.21-1.99), Kaonolu Street to Namaau Place	DES CON	450	0	450															7,190	5,000	2,190
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)		
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road Modern	DES				600	0	600													STP FLEXIBLE	
	ROW												150	0	150						
	CON																	8,670	6,936	1,734	
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																					
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05) Congest	DES							130	0	130										STP FLEXIBLE	
	CON														1,250	1,000	250				
	<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC40. Old Haleakala Hwy (Route 367) Aeloa Rd to Kula Hwy. (Route 37), Reconstruction SysPres	CON	4,958	3,527	1,431																STP FLEXIBLE	
	<i>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.</i>																				
MC28. 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) SysPres	DES	370	0	370																STP FLEXIBLE	
	CON													2,290	1,760	530					
	<i>Estimated Total Project Cost - \$2,700,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals at Hina Avenue (Route 3930, MP 0.8) Congest	CON												880	688	192					STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																				
MC30. Papalua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34) Congest	DES	130	0	130																STP FLEXIBLE	
	CON													1,250	1,000	250					
	<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC31. Pavement Rehabilitation, Various Roads, South Maui Kulanihako Street (Route 3175), MP 0-MP 0.5 Waipuilani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Pili Highway (Route 31) SysPres	DES	20	0	20				7,800	5,600	2,200										STP FLEXIBLE	
	CON																				
	<i>Estimated Total Project Cost - \$7,500,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC33. 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) Congest	CON												843	648	195					STP FLEXIBLE	
	<i>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.</i>																				
MC34. Waipuilani Bikepath Kulanihako Street (Route 3175) to W. Waipuilani Road (Route 3170) Enhance	CON												1,765	1,384	381					STP ENHANCEMENT	
	<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, and street lighting will also be part of the construction.</i>																				
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade Congest	CON												1,298	960	338					STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
	MAUI : COUNTY OF MAUI - FHWA TOTAL																				
		10,960	6,773	4,187	11,425	6,720	4,705	21,485	14,040	7,445	13,193	9,729	3,464	56,186	42,034	14,152	32,504	24,531	7,973		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2020 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
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)
<i>Estimated Total Project Cost - \$6,062,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																				
MC42. Metropolitan Transportation Planning Program	PLN	208	166	42	209	167	42	215	172	43	221	177	44	229	183	46	235	188	47	FTA SECTION 5305(d) Kahului (pop 50,000-199,000)
<i>Estimated Total Project Cost - \$1,317,256 -- Planning projects.</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului	PLN/EQP/OPR										2,082	1,041	1,041							FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999)
<i>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.</i>																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
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	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
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			1,400			0			1,384				0	
STP FLEXIBLE			3,943			7,520			12,958			12,395			54,158				36,447	
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0				0	
HSIP (Highway Safety Improvement Program)			0			126			3,713			1,365			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			18,430			14,639			60,901				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			18,430			14,639			60,901				41,549	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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 (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)			
KAUAI : STATE - FHWA																						
KS1.	Bridge and Pavement Improvement Program, Kauai	CON	11,250	0	11,250	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE	
SysPres	Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05	CON	3,750	3,000	750																	
<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																						
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai	CON			1,020	816	204														STP FLEXIBLE	
Safety	Part 3	DES			100	0	100															
	Part 4	CON					2,600	2,080	520													
	Part 5	PE1								50	0	50										
		PE2										50	0	50								
		CON										1,000	800	200								
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																						
KS3.	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	ROW CON								850	680	170						4,185	3,348	837	NHPP	
SysPres																						
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																						
KS4.	Kaunuaui Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	ROW CON	67	0	67	4,440	3,552	888													NHPP	
SysPres																						
<i>Estimated Total Project Cost - \$5,365,000 -- Repair/rehabilitate bridge 7E on Kaunuaui Highway update to current bridge standards.</i>																						
KS5.	Kaunuaui Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	ROW CON	105	0	105																STP FLEXIBLE	
SysPres			100	80	20																	
	Phase 1 - Detour Road	CON				5,025	4,020	1,005														
	Phase 2 - Bridge work	CON							27,200	15,000	12,200											
<i>Estimated Total Project Cost - \$35,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																						
KS6.	Kaunuaui Highway (Route 50), Bridge Replacement Omao Bridge	CON												7,800	6,240	1,560					STP FLEXIBLE	
SysPres																						
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunuaui Hwy in the vicinity of Omao Road.</i>																						
KS8.	Kuhio Highway (Route 56), Bridge Replacement Kapaa Bridge	ROW CON ADVCON								840	672	168									NHPP	
SysPres										11,150	0	11,150										
<i>Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaa.</i>																						
KS15.	Kuhio Highway (Route 560), Bridge Rehabilitation Wainiha Stream Bridges #1, #2, #3	DES ROW CON	2,100	1,680	420																STP FLEXIBLE	
SysPres			100	0	100																	
	Phase 1 - Detour Road	CON	100	80	20																	
	Phase 2 - Bridge work	CON				1,000	800	200														
<i>Estimated Total Project Cost - \$25,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																						
KS9.	Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	PE ROW CON CON ADVCON												900	720	180					STP FLEXIBLE	
SysPres														630	504	126						
	Phase 1 - Detour Road	CON																				
	Phase 2 - Bridge work	CON												9,000	2,200	6,800						
		ADVCON															0	5,000	(5,000)			
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																						
KS14.	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON ADVCON												13,000	3,000	10,000					STP FLEXIBLE	
SysPres														0	7,400	(7,400)						
<i>Estimated Total Project Cost - \$15,000,000 -- Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																						
KS11.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	ROW CON CON CON	120	0	120																NHPP	
Safety						2,470	1,976	494														
	Phase 1 - Detour Road	CON																				
	Phase 2 - Bridge work	CON																				
		CON												3,425	2,740	685						
		CON												9,375	7,500	1,875						
<i>Estimated Total Project Cost - \$16,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																						
KS12.	Kuhio Highway (Route 56) Safety Improvements, MP 21.4 - 27.1	DES CON				120	96	24						1,080	864	216					HSIP	
Safety																						
<i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.</i>																						
KS13.	National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance																						
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																						
KAUAI : STATE - FHWA TOTAL			18,006	5,091	12,915	26,489	11,511	14,978	42,114	17,331	24,783	40,184	6,187	33,997	66,344	54,755	11,589	16,499	8,599	7,900		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND. CATEGORY & REMARKS	
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)		
COUNTY OF KAUAI - FHWA																					
KC1. Bridge Inspection and Appraisal	OPR				125	100	25					125	100	25				125	100	25	STP FLEXIBLE
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																					
KC2. Hanapepe Road (Rte 545) Resurfacing	CON											3,000	2,400	600							STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																					
KC16. Improvements to Maluhia Rd. (RTE 520) and Koloa Rd. (RTE 530)	PE							500	0	500											STP FLEXIBLE (PE as soft match) (NEW PROJECT) B.1
	CON										4,500	4,000	500								
<i>Estimated Total Project Cost - \$5,000,000 -- Part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and 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.</i>																					
KC17. Improvements to Various Collector Roads	PE										500	0	500								STP FLEXIBLE (PE as soft match) (NEW PROJECT) B.1
	CON												4,500	4,000	500						
<i>Estimated Total Project Cost - \$5,000,000 -- part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of the project roads, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening on some project roads (Oloheua Rd. and Kaapuni Rd.) where feasible, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																					
KC13. Kapahi Bridge Replacement	CON	2,000	1,600	400																	STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,500,000 -- Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																					
KC3. Kawaihau Road (Route 5860), Hauaala Road (Route 5865)	PLN	100	80	20																	STP FLEXIBLE
Safety Maillihuna Road (Route 5870), Complete Street & Safety Improvements	DES	275	220	55																	
	CON													3,183	2,546	637					
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maillihuna 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 Maillihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																					
KC4. Lihue-Anahola Coastal Bike Path																					STP ENHANCEMENT
Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path																					
Phase A-1, Kawaihau Elevated Boardwalk, Kawaihau Road to Gore																					
Park Phase C & D	CON				2,250	2,250	0														
	PE2							400	400	0											
	ROW							500	500	0											
	CON										1,591	1,591	0								
<i>A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i>																					
Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path	PE2													1,167	1,167	0					
Phase A - Ahukini Landing to Hanamaulu Beach Park	CON																7,727	7,727	0		
Phase B - Hanamaulu Beach Park to Wailua Golf Course	PE1													831	831	0					
	ROW																4,162	4,162	0		
<i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i>																					
Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path	PE2													1,907	1,907	0					
Phase A - Ninini Point to Ahukini	ROW																420	420	0		
	CON																				
Phase B - Ninini Point to Nawiliwili Beach Park	PE2													1,020	1,020	0					
<i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i>																					
<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																					
KC14. Lihue Town Core Mobility and Revitalization	PE1				1,091	953	138														TIGER (2015)
	PE2/CON							14,724	12,862	1,862											
<i>Estimated Total Project Cost - \$16,253,059 -- 1) Conversion of Eiwa Street to a transit hub; 2) Rice Street road diet and streetscape improvements; 3) Sidewalks on Hoala and Kalena Streets; 4) Hoolako Street bicycle and pedestrian improvements; 5) Civic Center to Convention Hall shared use path; 6) Civic Center Transit Services; and 7) Puale and Malae Streets bicycle boulevard.</i>																					
KC6. Opaekaa Bridge Rehabilitation	CON							3,500	2,800	700											STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																					
KC7. Poipu Road (Route 520) Multimodal Improvements	PLN	100	80	20																	STP FLEXIBLE
	DES	400	320	80																	
Phase 1 - Lawai Road to Keleka Road	CON												5,100	4,080	1,020						
Phase 2 - Koloa Road to Lawai Road	CON																4,080	3,264	816		
<i>Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping</i>																					
KC8. 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											3,570	2,856	714							
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																					
KC9. Puuopae Bridge Rehabilitation	CON							3,249	2,599	650											STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>																					
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		6,425	5,140	1,285	3,466	3,303	163	22,873	19,161	3,712	13,286	10,947	2,339	17,708	15,551	2,157	16,514	15,673	841		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
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)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC15. Bus and Bus Facility (discretionary)	EQP							725	580	145										FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$725,000 -- Capital projects to replace buses.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
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 #11 D R A F T
Revision Effective Date: June 29, 2017**

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
FHWA FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)		0		5,528		0		1,352		11,660		3,348		0		0		0		
BRIDGE OFF-SYSTEM		0		0		0		0		0		0		0		0		0		
STP ENHANCEMENT/TAP		0		2,250		900		1,591		4,925		12,309		0		0		0		
STP FLEXIBLE		9,980		5,736		22,479		13,076		45,970		8,364		0		0		0		
SECTION 1404 - (Safe Routes to School)		0		0		0		0		0		0		0		0		0		
HSIP (Highway Safety Improvement Program)		0		96		0		864		0		0		0		0		0		
NATIONAL RECREATIONAL TRAILS		251		251		251		251		251		251		0		0		0		
CMAQ (Congestion Mitigation Air Quality)		0		0		0		0		0		0		0		0		0		
FTA TRANSFER FUNDS		0		0		0		0		0		0		0		0		0		
EQUITY BONUS		0		0		0		0		0		0		0		0		0		
EARMARK - HIGH PRIORITY		0		0		0		0		0		0		0		0		0		
EARMARK - RE-PURPOSED EARMARKS		0		0		0		0		7,500		0		0		0		0		
EARMARK - SECTION 112		0		0		0		0		0		0		0		0		0		
EARMARK - SECTION 115		0		0		0		0		0		0		0		0		0		
EARMARK - SECTION 117		0		0		0		0		0		0		0		0		0		
FLHD (Federal Lands Highway Discretionary)		0		0		0		0		0		0		0		0		0		
NRCS (National Resources Conservation Service)		0		0		0		0		0		0		0		0		0		
DISCRETIONARY (TIGER 2015)		0		953		12,862		0		0		0		0		0		0		
HIGHWAYS FOR LIFE		0		0		0		0		0		0		0		0		0		
IMD (NHPP Discretionary)		0		0		0		0		0		0		0		0		0		
FERRY BOAT DISCRETIONARY / ARRA FBD		0		0		0		0		0		0		0		0		0		
	SUBTOTAL	10,231		14,814		36,492		17,134		70,306		24,272		0		0		0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		0		(953)		(12,862)		0		(7,500)		0		0		0		0		
LESS FTA TRANSFER FUNDS		0		0		0		0		0		0		0		0		0		
REGULAR FORMULA AUTHORITY	TOTAL	10,231		13,861		23,630		17,134		62,806		24,272		0		0		0		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
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	754	602	152	771	615	156	789	629	160	
C&C OF HONOLULU		77,125	48,155	28,970	68,163	40,798	27,365	2,563,681	808,414	1,755,267	80,252	46,158	34,094	67,861	31,236	36,625	68,127	31,317	36,810	
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	37,832	4,910	32,922	39,084	18,867	20,217	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	2,601,499	820,851	1,780,648	130,297	58,536	71,761	117,382	56,721	60,661	114,401	55,151	59,250	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
FHWA SUMMARY																				
STATEWIDE		37,705	6,693	31,012	36,045	5,625	30,420	53,436	17,116	36,320	59,980	27,348	32,632	49,985	14,127	35,858	44,165	11,981	32,184	
Oahu - State		158,769	89,719	69,050	100,095	68,760	31,335	277,376	95,684	181,692	141,009	77,970	63,039	220,006	185,242	34,764	120,158	123,468	(3,310)	
City and County of Honolulu		29,508	17,000	12,508	29,553	19,551	10,002	9,168	4,744	4,424	50,936	17,698	33,238	56,436	20,725	35,711	13,768	9,984	3,784	
ISLAND OF OAHU		188,277	106,719	81,558	129,648	88,311	41,337	286,544	100,428	186,116	191,945	95,668	96,277	276,442	205,967	70,475	133,926	133,452	474	
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	37,832	4,910	32,922	39,084	18,867	20,217	35,523	17,018	18,505	
County of Maui		10,960	6,773	4,187	11,425	6,720	4,705	21,485	14,040	7,445	13,193	9,729	3,464	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	47,304	18,430	28,874	51,025	14,639	36,386	95,270	60,901	34,369	68,027	41,549	26,478	
Kauai - State		18,006	5,091	12,915	26,489	11,511	14,978	42,114	17,331	24,783	40,184	6,187	33,997	66,344	54,755	11,589	16,499	8,599	7,900	
County of Kauai		6,425	5,140	1,285	3,466	3,303	163	22,873	19,161	3,712	13,286	10,947	2,339	17,708	15,551	2,157	16,514	15,673	841	
ISLAND OF KAUAI		24,431	10,231	14,200	29,955	14,814	15,141	64,987	36,492	28,495	53,470	17,134	36,336	84,052	70,306	13,746	33,013	24,272	8,741	
FHWA TOTAL		361,312	191,505	169,807	315,177	168,963	146,214	505,837	202,288	303,549	473,932	168,798	305,134	561,723	426,877	134,846	337,665	266,001	71,664	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 D R A F T
Revision Effective Date: June 29, 2017

Project Criteria Color Key: **GREEN** = SYSTEM PRESERVATION **PURPLE** = SAFETY IMPROVEMENTS **BROWN** = CONGESTION MITIGATION **PINK** = MODERNIZATION **ORANGE** = ENHANCEMENT **BLUE** = HUMAN SERVICES TRANSPORTATION PROGRAM **TURQUOISE** = TRANSIT

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - 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)	
FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)		99,005			98,941			72,537			74,661			226,207			157,648			
BRIDGE OFF-SYSTEM		720			720			0			720			800			800			
STP ENHANCEMENT/TAP		2,872			4,861			5,340			4,319			18,348			19,645			
STP FLEXIBLE		80,481			53,103			82,634			76,388			168,421			81,881			
SECTION 1404 - (Safe Routes to School)		200			1,500			1,400			1,500			750			0			
HSIP (Highway Safety Improvement Program)		2,466			7,424			16,394			8,949			2,590			4,366			
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			800			7,500			0			
STSFAs 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			168,963			202,288			168,798			426,877			266,001			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(4,565)			(1,218)			(22,787)			(1,065)			(8,565)			(465)			
LESS FTA TRANSFER FUNDS		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY	TOTAL	186,940			167,745			179,501			167,733			418,312			265,536			