

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
STATEWIDE - FHWA																				
S1. Enhance Bikeway Improvements at Various Locations, Statewide	DES																			STP FLEXIBLE
	ROW																			
	CON																			
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. SysPres Bridge Inspection and Appraisal	PLN	3,100	2,480	620	3,100	2,480	620	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
	<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																			
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																			
S3. Human Construction Career Days Workforce Development Program	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																			
	<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. SysPres Highway Research and Development Program	PLN	850	680	170	1,600	1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																			
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Highway Safety Improvement Program (HSIP), Infrastructure Funding Program</i>																			
S24. Safety Highway Safety Improvement Program (HSIP), Infrastructure Funding Program	DES							200	180	20				200	180	20				HSIP
	CON	610	488	122							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. Safety Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	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 (increase \$1.8 M to supplement HSIP eligible SPR items, annually, 100% HSIP penalty funds, until gone)
	<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																			
	<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																			
S6. SysPres Highway Shoreline Protection, Statewide	DES										200	160	40				200	160	40	STP FLEXIBLE
	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. Enhance Pedestrian Facilities and ADA Compliance at Various Locations	DES							208	166	42	200	160	40				1,040	832	208	STP FLEXIBLE
	CON																			
	<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																			
S8. Modern Federal Lands Highway Access Discretionary Program	DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																			
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																			
S9. Safety Safe Routes to School (SRTS) Program Non-Infrastructure Infrastructure	Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL
	Pn/Ds/Co				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. Enhance SNIPP - Statewide Noxious Invasive Pest Program	OPR				2,130	1,704	426	3,030	2,424	606				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>																			
	<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																			
S11. Safety Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	6,000	4,800	1,200	5,000	0	5,000	5,000	0	5,000	NHPP
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																			
S12. SysPres Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																			
S13. SysPres Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
	<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																			
S14. SysPres Structural Countermeasures for Scour Critical Bridges	CON													3,000	0	3,000				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>																			
	<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																			
S15. Modern Technology Transfer and Technical Assistance Program	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
	<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																			
	<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																			
S16. Modern Traffic Counting Stations, Various Locations	CON										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>																			
	<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>																			
STATEWIDE - FHWA TOTAL		37,705	6,693	31,012	41,275	9,809	31,466	42,133	10,495	31,638	44,590	16,536	28,054	47,685	10,807	36,878	41,865	10,141	31,724	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informativ Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		869	697	172	900	721	179	927	743	184	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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480		2,480		2,800		2,800		2,800		2,800		2,800		2,800		2,800	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
STP ENHANCEMENT			0		0		0		0		0		0		0		0		0	
STP FLEXIBLE			1,318		3,134		3,420		8,875		4,382		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		2,610		3,096		2,610		4,230							
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
H-3 DISCRETIONARY			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		6,693		9,809		10,495		16,536		10,807		10,141							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		6,428		9,544		10,230		16,271		10,542		9,876							

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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 - FHWA																					
OS1.	Bridge and Pavement Improvement Program, Oahu	CON	20,584	0	20,584	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
SysPres	Kamehameha Highway (Route 83) Resurfacing, Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66	CON	14,551	1,835	12,716																NHPP (federalized SMP in 2015)
	Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place,	ADVCON				0	10,000	(10,000)													
		CON	17,700	14,600	3,100																
	<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							585	468	117										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				1,122	898	224													NHPP
SysPres	Makaha Bridges #3 & #3A	CON							0	0	0			22,000	7,600	14,400					(defer and incr, ROW acquisition is projected to be complete in FFY2018)
		ADVCON												0	0	0					(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>																				
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							10,000	4,000	6,000										
	System Manager	ADVCON										0	4,000	(4,000)							
	Phase 3	DES				2,020	1,616	404													
		DES							2,080	1,664	416										
		CON												10,000	4,000	6,000					
		ADVCON															0	4,000	(4,000)		
	<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					NHPP
Congest	Joint Traffic Management Center Operations (State)																				(New project)
	<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
	<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																				HSIP
Safety	Phase 1	CON				2,228	1,782	446													
	Phase 2	DES							260	208	52										
	Phase 3	CON										3,121	2,497	624							
		DES										250	200	50							
		CON															3,000	2,400	600		
	<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				30,000	24,000	6,000													STP FLEXIBLE (New project to transfer FHWA funds to OC16)
	<i>Estimated Total Project Cost - \$30,000,000 -- 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>																				
OS12.	Interstate Routes H-1, H-2, and H-201 Destination Sign																				NHPP
SysPres	Upgrade/Replacement,																				
	Phase II	CON				2,704	2,434	270													
	Phase III	DES				554	499	55													
		CON												6,000	5,400	600					
	<i>Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)		
OS13. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal (Halona Street Bridge)	ROW	25	0	25																NHPP (update estimate and fully fund in 2016) (delete AdvCon)	
	CON				6,300	5,040	1,260														
	ADVCON							0	0	0											
<i>Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge.</i>																					
OS58. Interstate Route H-1, Corridor Study, Short Term Improvements Congest. Modern	PLN							2,000	1,600	400										NHPP (New project)	
	<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, Congest. SysPres Lusitana Street Connection	CON				4,080	2,300	1,780													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, Modern Waiaua Interchange to Halawa Interchange	DES				900	0	900													LOCAL (add new regionally significant project)	
	<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, Safety Kapiolani Interchange to Ainakoa Avenue	CON							6,497	4,347	2,150										NHPP	
	ADVCON										0	1,500	(1,500)								
<i>Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																					
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON				5,520	4,416	1,104													NHPP	
	<i>Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS16. Interstate Route H-1, Highway Lighting Improvements, SysPres Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	CON										7,446	5,957	1,489							NHPP	
	ADVCON																				
<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 Phase 2	CON	4,800	4,300	500																INTERSTATE DISCRETIONARY NHPP (update ADVCON due to low bid)	
	CON	65,500	49,500	16,000																	
	ADVCON				0	9,977	(9,977)														
	DES				571	457	114														
	ROW											238	190	48							
<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																			NHPP	
	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>																					
OS19. Interstate Route H-1, PM Contraflow, Westbound Modern Waiaua IC Improvements (four WB through lanes), Phase I	CON																			NHPP (delete from STIP. Project purpose and need being addressed in current PM Contraflow project)	
	<i>Estimated Total Project Cost - \$167,000,000 -- This is part of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiaua Interchange. This project involves restriping the Interstate H-1 from the Waiaua Interchange to Waialae.</i>																				
OS20. Interstate Route H-1 Safety Improvement, Safety Beginning of H-1 (Palalalai IC) to Waiaua Overpass	CON							4,080	3,264	816										HSIP	
	<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS21. Interstate Route H-1, Waiaua Interchange, Modern Westbound, Waipahu Off-Ramp Improvements	DES										0	0	0							NHPP (delete from STIP. Project purpose and need being addressed in current PM Contraflow project)	
	<i>Estimated Total Project Cost - \$23,600,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																				
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and SysPres Halekou Interchange, Structures 1, 2 and 3	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, Modern Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)	DES										6,000	4,800	1,200							NHPP (Add new project)	
	<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>																				
OS23. Kalaniana'ole Highway (Route 72) Bicycle Improvements, Enhance Waimanalo Beach Park to Kainoa Beach Park	CON							0	0	0										EARMARK-HIGH PRIORITY STP ENHANCEMENT (to be constructed by OS26. Project deferred to match OS26 CON sched.)	
	CON							0	0	0											
<i>Estimated total project cost - \$3,200,000 -- Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park To Kainoa Beach Park.</i>																					

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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 SysPres Inoale Stream Bridge, Waimanalo	CON				0	0	0							10,200	2,160	8,040				NHPP (defer, inflate due to lengthy ROW acquisition. Construction schedules to be combined with other Kalaniana'ole Hwy projects)
	ADVCON							0	0	0								0	6,000	
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																				
OS25. Kalaniana'ole Highway (Route 72) Improvements, Safety Olomana Golf Course to Waimanalo Beach Park Vic. of Makai Pier Phase I, Olomana Golf Course to Poalima Street	CON	13,500	10,800	2,700																NHPP (ultimate project limits have been extended to the vic. Of Makai Pier)
<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, Safety Olomana Golf Course to Waimanalo Beach Park Vic. of Makai Pier Phase 2 - Poalima Street (MP 3.2) to Aloloi Street	DES				2,244	1,795	449													NHPP (project will absorb OS23. Ph3 Limits will be extended to vic. Of Makai Pier)
	CON																13,300	10,640	2,660	
	CON																2,750	2,200	550	
	CON																250	200	50	
Phase 3 - Aloloi Street to Waimanalo Beach Park (Huli Street) vic. of Makai Pier (MP 6.9)	DES				1,632	1,306	326													STP ENHANCEMENT EARMARK - HIGH PRIORITY
<i>Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Waimanalo Beach Park (Huli Street) 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 SysPres Hoolapa (Nanahu) Stream Bridge	DES	1,300	1,040	260																NHPP (added CON)
	ROW	165	132	33																
	CON							4,900	3,920	980										
<i>Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge</i>																				
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation SysPres Makaua Stream Bridge	ROW				0	0	0							297	238	59				NHPP (defer, inflate; will start DES this year)
	CON							0	0	0							6,367	1,094	5,273	
	ADVCON													0	0	0				
<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 SysPres Kaipapau Stream Bridge	CON				0	0	0							17,600	4,080	13,520				NHPP (defer, inflate ROW acquisition is projected to be complete in early FFY2019)
	ADVCON							0	0	0							0	10,000	(10,000)	
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kaluanui Stream Bridge	ROW										663	530	133							NHPP
	CON													9,200	2,360	6,840				
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS30. Kamehameha Highway (Route 83), Bridge Replacement SysPres Kawela Stream Bridge	ROW	75	0	75																NHPP (updated estimate; defer and split CON with OS53)
	DES	1,100	880	220																
	CON				0	0	0	4,900	3,920	980										
<i>Estimated Total Project Cost - \$6,500,000 -- Replace the existing bridge.</i>																				
OS54. Kamehameha Highway (Route 99), Bridge Rehabilitation SysPres Kipapa (Roosevelt) Stream Bridge	DES	1,800	1,440	360																NHPP (defer and update estimate)
	ROW	25	0	25																
	CON	0	0	0	14,900	11,920	2,980													
<i>Estimated Total Project Cost - \$17,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																				
OS31. Kamehameha Highway (Route 83), Bridge Replacement SysPres Laieloa Stream Bridge	ROW				200	160	40													NHPP
	CON							9,360	988	8,372										
	ADVCON										0	6,500	(6,500)							
<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS32. Kamehameha Highway (Route 83), Bridge Replacement SysPres South Kahana Stream Bridge	ROW				0	0	0	1,020	816	204										NHPP (defer, inflate; updated schedule ROW acquisition land court delays)
	CON							0	0	0	26,520	2,216	24,304							
	ADVCON										0	0	0	0	9,000	(9,000)	0	10,000	(10,000)	
<i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>																				
OS33. Kamehameha Highway (Route 99), Bridge Replacement SysPres Upper Poamoho Stream Bridge	PREROW										110	88	22							NHPP EARMARK-HIGH PRIORITY NHPP
	ROW										1,148	918	230							
<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 SysPres Waiahole Bridge	PREROW				0	0	0													NHPP (defer, inflate all phases due to procurement of DES consultant) (delete PreROW. Already obligated.)
	ROW							0	0	0	573	459	114							
	CON										0	0	0	11,942	4,554	7,388				
	ADVCON													0	0	0	0	5,000	(5,000)	
<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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)			
OS35. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	ROW CON ADVCON					0	0	0						281	225	56				NHPP (defer, inflate all phases; ROE to complete AIS will take about 1 yr)		
<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 SysPres Waipilo Stream Bridge	ROW CON				245	196	49						9,260	7,408	1,852					NHPP		
<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																						
OS61. Kamehameha Highway (Route 83) Realignment, Safety Vicinity of Kawaiola Beach	DES ROW								2,840	2,272	568									NHPP (new project)		
<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 Safety at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa Phase 2: Sunset Beach	ROW CON CON								490	392	98			10,080	8,064	2,016			8,000	6,400	1,600	
<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 Safety Kahana Valley Road to Kaaawa Bridge	CON				1,632	1,306	326														HSIP	
<i>Estimated Total Project Cost - \$1,850,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																						
OS51. Kamehameha Highway (Route 83), Safety Improvements Safety Kahakii Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,665	1,332	333											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>																						
OS38. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Hauula (#14)	CON																	0	0	0	NHPP (defer to out of the STIP) (OS 38, 39 & 40 are a program, delay in the development on the 1st project, OS 39, means a delay in all)	
<i>Estimated Total Project Cost - \$6,600,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.</i>																						
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Safety Vicinity of Kaaawa (#10)	CON								0	0	0			10,820	8,640	2,180					NHPP (defer and inflate. EA will not be complete until FFY 2018. ROW will not be acquired until FFY 2019)	
<i>Estimated Total Project Cost - \$12,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																						
OS40. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON ADVCON													0	0	0			7,650	6,120	1,530	
<i>Estimated Total Project Cost - \$8,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>																						
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON ADVCON											6,500	1,200	5,300							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 Modern	CON ADVCON								0	0	0	18,100	2,000	16,100			0	8,000	(8,000)	0	4,480	(4,480)
<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 Enhance Phase I - Waipio Point Access Road to Hawaiian Railway Society Phase II - Hawaiian Railway Society Train Station to Lualualei Naval Road	CON PREROW ROW CON				9,000	7,200	1,800															
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Lualualei Naval Road.</i>																						
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Safety Guardrail and Shoulder Improvements	CON							6,242	4,994	1,248											NHPP	
<i>Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																						
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON							6,242	5,618	624											NHPP	
<i>Estimated Total Project Cost - \$6,800,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																						
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON										2,533	2,026	507								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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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							0	0	0	10,822	288	10,534							NHPP (defer, inflate; DES hasn't started and absorb OS48)
	ADVCON										0	0	0	0	8,370	(8,370)				
<i>Estimated Total Project Cost - \$11,700,000 -- Retrofit interchange structures, Puuloa Interchange, Ramp "A" and Puuloa Separation, to meet current seismic standards.</i>																				
OS48. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Separation	CON							0	0	0										NHPP (defer, inflate; DES hasn't started and combine with OS47)
	ADVCON										0	0	0							
<i>Estimated Total Project Cost - \$7,200,000 -- Retrofit interchange structure to meet current seismic standards.</i>																				
OS62. Pali Highway (Route 61) Resurfacing & Lighting Improvements SysPres Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																				NHPP (new project)
	CON							44,000	32,700	11,300										
	ADVCON										0	2,500	(2,500)							
	CON													18,000	4,400	13,600				
	ADVCON																0	10,000	(10,000)	
<i>Estimated Total Project Cost -- \$65,000,000 -- 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				135	0	135													NHPP (DES/PreROW state funded) (defer and inflate CON. Add funds for ROW acquisition. CatEx expected early FFY 2017)
	PREROW				130	0	130													
	ROW							3,000	2,400	600										
	CON							0	0	0	5,100	4,080	1,020							
<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							2,500	2,000	500										STP FLEXIBLE (new project... separated from S16)
<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	98,019	60,750	132,841	103,138	29,703	154,663	81,761	72,902	149,358	61,393	87,965	174,939	91,163	83,776	120,414	110,908	9,506	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
OAHU : STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
<i>Human</i>																				
<i>Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses- for the program audience.</i>																				
OAHU : STATE - FTA TOTAL																				
		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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 - FHWA																					
OC1. Alapai Transportation Management Center Safety	DES	1	0	1	6	1	5	10	0	10										STP FLEXIBLE (repriorize funds from OC8 to OC1, add OPR line item. Federalize some DES review costs)	
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25											
	ADVCON	0	12,674	(12,674)	0	12,115	(12,115)														
	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 Enhance	DES				1	0	1													STP FLEXIBLE (Pearl Harbor Path will not be pursued at this time. Defer and inflate the remainder of the program to fund OC23)	
	CON				663	530	133														
	INSP				153	122	31														
	CON							0	0	0											
	INSP							0	0	0											
	TBD - CON-2018 DES 2017	DES							255	204	51										
	TBD - CON 2019	CON										0	0	0	1,639	1,311	328				
		INSP										0	0	0	156	125	31				
	TBD - DES 2018	ROW										1	0	1							
		PLN										102	0	102							
		DES										306	0	306							
	TBD - CON-2019 CON 2020	CON													0	0	0	2,445	1,956		489
		EQP													0	0	0	156	125		31
	TBD - DES 2019	ROW													1	0	1				
		PLN													102	0	102				
	DES													306	0	306					
TBD - CON-2020	CON																0	0	0		
	EQP																0	0	0		
TBD	ROW																1	0	1		
	PLN																102	0	102		
	DES																306	0	306		
<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	900	720	180	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.																					
Phase 14 - Milliani Town	DES							350	280	70										STP FLEXIBLE (scale back Ph14 scope to reprogram \$895K to OC23)	
	CON										3,105	2,305	800								
	EQP										1	0	1								
Phase 15 - Wahiawa	DES										350	280	70								
	CON													4,000	3,200	800					
	EQP													1	0	1					
Phase 16 - Nanakuli/Waianae	DES													350	280	70					
	CON																4,000	3,200	800		
	EQP																1	0	1		
Phase 17 - TBD	DES																350	280	70		
<i>Estimated Total Project Cost - \$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 Informativ Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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	DES							3,060	0	3,060										STP FLEXIBLE
	CON																	20,400	4,080	
<i>Estimated Total Project Cost - \$23,400,000 -- 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							0	0	0	40,000	11,000	29,000	40,000	11,000	29,000				STP FLEXIBLE <i>(defer and inflate. Env to be complete DES complete 2017. Costs updated)</i>
	Phase 3																			
<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 Liliiko Streets.</i>																				
OC8. Traffic Improvements at Various Locations Safety	DES	450	360	90																STP FLEXIBLE
	CON							1,500	1,200	300										
Kalaheo Avenue/Kailua Road	INSP							500	400	100										STP FLEXIBLE <i>(adjust/repriorize program to divert funding to OC23 and OC1)</i>
	ROW				0	0	0							106	85	21				
TBD -CON-2017 CON 2019	CON				0	0	0							1,590	1,272	318				
	INSP				0	0	0							265	212	53				
TBD - CON-2018 CON 2020	PLN							10	0	10										
	DES				0	0	0	510	408	102										
TBD - CON-2019	CON				0	0	0	0	0	0				1,625	1,300	325				
	INSP				0	0	0	0	0	0				130	104	26				
TBD -CON-2020	ROW										51	0	51							
	PLN										51	0	51							
TBD -CON-2021	DES							0	0	0	348	278	70							
	CON							0	0	0	0	0	0				1,178	942	236	
TBD -CON-2022	INSP										0	0	0							
	ROW										0	0	0	51	0	51				
TBD -CON-2023	PLN										0	0	0	51	0	51				
	DES										0	0	0	222	178	44				
TBD -CON-2024	CON										0	0	0	0	0	0				
	INSP										0	0	0	0	0	0				
TBD -CON-2025	ROW													0	0	0	51	0	51	
	PLN													0	0	0	51	0	51	
TBD -CON-2026	DES													0	0	0	510	408	102	
	CON													0	0	0	0	0	0	
TBD -CON-2027	ROW																0	0	0	
	PLN																0	0	0	
TBD -CON-2028	DES																0	0	0	
	CON																0	0	0	
<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.	PLN										1	0	1							STP FLEXIBLE
	DES							600	500	100										
Phase 6 - Kapolei, Ewa, Makakilo	PLN																			
	DES										1	0	1							
Phase 7 - TBD	PLN																			
	DES										100	0	100							
Phase 8 - TBD	PLN																			
	DES													1	0	1				
<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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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/Nanaieola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko'i St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	CON				3,405	2,855	550													(update cost estimate)
	EQP				5	0	5													
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihaui St, Kuaia St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	CON							3,758	2,993	765										
	EQP							4	0	4										
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	PLN				5	0	5													
	DES	438	350	88	427	357	70				2,825	2,060	765							
	CON										4	0	4							
	EQP																			
Phase 19 - TBD	DES				0	0	0							4,121	3,300	821				
	CON													4	0	4				
	EQP																			
Phase 20 - TBD	DES							447	357	90										
	CON																4,121	3,300	821	
	EQP																4	0	4	
Phase 21 - TBD	DES										447	357	90							
<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 DTS Secure Bike Storage Units	CON				500	400	100													(new project)
HART Middle Loch Connector	CON				500	400	100													
<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>																				
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	31,638	17,500	14,138	12,430	7,302	5,128	48,592	17,000	31,592	55,821	23,167	32,654	34,676	15,091	19,585	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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							354	177	177	366	183	183	376	188	188	388	194	194	FTA \$5307/\$5340
	OPR	334	167	167																FTA \$5307/\$5340 (2014)
	OPR				209	104	105													FTA \$5307/\$5340 (2015) (decr est)
	OPR	512	249	263																FTA \$5310 (2013) (incr fed by \$1k)
	OPR				722	307	415													FTA \$5310 (2014)
	OPR							528	264	264	544	272	272	560	280	280	576	288	288	FTA \$5310 - Urban
	OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	LOCAL
<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																			
	EQP				3,688	2,519	1,169	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA \$5307/\$5340
	EQP	15,086	11,461	3,625																FTA \$5307/\$5340 (2014)
	EQP				13,018	10,414	2,604													FTA \$5307/\$5340 (2015)
	EQP	2,403	1,923	480																FTA \$5309 SOGR (2012)
	EQP							1,388	1,178	210	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA \$5337 SOGR
	EQP	1,297	1,047	250																FTA \$5337 SOGR (2013)
	EQP	1,376	1,111	265																FTA \$5337 SOGR (2014)
	EQP	0	0	0	1,410	1,133	277													FTA \$5337 SOGR (2015)
	EQP							2,979	2,352	627	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	FTA \$5339
	EQP	4,365	3,492	873	821	657	164													FTA \$5339 (2013)
	EQP	4,271	3,417	854																FTA \$5339 (2014)
	EQP	0	0	0	4,453	3,562	891													FTA \$5339 (2015)
	INSP				48	38	10													FTA \$5307/\$5340 (2015)
<i>Estimated Total Project Cost - \$175,566,000 -- 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	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	270	0	270	365	0	365	270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON	621	300	321	495	145	350	321	0	321	321	0	321	321	0	321	321	0	321	FTA \$5307/\$5340
	ROW	5	0	5	20	0	20	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	EQUIP				5	0	5													LOCAL
	RELOC	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
<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																LOCAL
	ROW	1	0	1																LOCAL
	DES	90	0	90																LOCAL
	CON	1,735	1,330	405																FTA \$5307
	EQP	1	0	1																LOCAL
<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	25	20	5	25	20	5	25	20	5	FTA \$5307/\$5340
<i>Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.</i>																				
(new project)																				
OC16. Honolulu Rail Transit Project	Transit																			
	H RTP				30,000	24,000	6,000	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	FTA \$5307/ \$5340 (defer FTA funds from FFY 2016 to FFY 2023; In FFY 2016, request to add \$24M in FTA \$5307 federal funds transferred from NHPP/STP FLEXIBLE (OS64).
	H RTP	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							FTA \$5309 NS
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
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							216	108	108	223	111	112	230	115	115	236	118	118	FTA \$5307/\$5340
	OPR	204	102	102																FTA \$5307/\$5340 (2014)
	OPR				204	102	102													FTA \$5307/\$5340 (2015)
<i>Estimated Total Project Cost - \$1,319,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																				
OC18. Middle Street Intermodal Center	Transit																			
	PLN							1,846	1,348	498	1	0	1							FTA \$5339
	DES										200	0	200							FTA \$5339 (2016)
	CON													5,864	0	5,864	5,867	0	5,867	LOCAL
	EQP													1	0	1	1	0	1	LOCAL
<i>Estimated Total Project Cost - \$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.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)		
OC19. Mobility Management																					
Human	OPR	257	197	60																	FTA \$5307/\$5340 (2014)
	OPR							335	268	67	345	276	69	356	285	71	366	293	73		FTA \$5307
	OPR	92	76	16																	FTA \$5310 (2013)
	OPR				407	325	82														FTA \$5310 (2014)
	OPR							84	67	17	86	69	17	89	71	18	91	73	18		FTA \$5310 - Urban
		<i>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.</i>																			
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
		<i>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.</i>																			
OC20. Preventive Maintenance	OPR				41,638	21,833	19,805	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475		FTA \$5307/\$5340
Transit	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)
		<i>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.</i>																			
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	413	330	83	413	330	83	413	330	83	413	330	83		FTA \$5307/\$5340
		<i>Estimated Total Project Cost - \$2,023,000 -- Capital projects at various transit locations to improve safety and security.</i>																			
OAHU : C&C OF HONOLULU - FTA TOTAL		1,147,325	390,619	756,706	1,162,441	405,761	756,680	881,384	286,467	594,917	514,859	168,480	346,379	128,291	40,291	88,000	130,896	41,508	89,388		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			93,432			66,263			74,584			55,491			80,428			98,221		
BRIDGE OFF-SYSTEM			720			720			720			800			800			800		
STP ENHANCEMENT / TAP			0			8,000			86			0			2,448			5,320		
STP FLEXIBLE			16,280			39,980			8,582			18,280			30,367			18,771		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			3,088			4,804			2,697			0			2,400		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			918			0			200		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
DISCRETIONARY			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
IMD (NHPP Discretionary)			4,300			2,300			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		115,019			120,638			89,063			78,393			114,330			125,999		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)			(2,300)			0			(918)			0			(200)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		110,719			118,338			89,063			77,475			114,330			125,799		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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
HS2. SysPres Volcano Road Resurfacing, MP 6.5 - MP 9.0	CON	0	0	0																(scope has increased beyond preservation)
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: 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	DES				255	204	51													STP FLEXIBLE
HS23. Modern Mamalahoa Hwy (Rte 19) to Queen Kaahumanu Hwy (Rte 19)	PREROW				255	204	51													
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																				
HS24. Daniel K. Inouye Highway (Route 200) Improvements	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)
HS24. Modern Phase 2D: East Side Grade & Pave, MP 6 to MP 11																				
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																				
HS3. Guardrail and Shoulder Improvements, Various Locations	DES																100	80	20	STP FLEXIBLE
HS3. Safety																				
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW							1,150	920	230										NHPP
HS4. SysPres	CON																			10,600
<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 Hakalaua Bridge	PREROW	50	40	10																NHPP
HS5. Safety	ROW				1,250	1,000	250													
HS5. Safety	CON										6,500	600	5,900							
HS5. Safety	ADVCON													0	4,600	(4,600)				
<i>Estimated Total Project Cost - \$7,800,000 -- 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 Towards Waipunahina Bridge	CON										5,600	480	5,120							NHPP
HS6. Safety	ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.</i>																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																1,560	1,248	312	NHPP
HS7. Safety																				
<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
HS8. Safety																				
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																				
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON				1,693	1,355	338													NHPP
HS9. Safety																				
<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
HS10. Safety	CON										38,700	7,000	31,700							
HS10. Safety	ADVCON													0	13,000	(13,000)	0	10,960	(10,960)	
<i>Estimated Total Project Cost - \$39,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																				
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW							100	80	20										STP FLEXIBLE
HS12. SysPres	CON													3,640	2,912	728				
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																				
HS13. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	ROW							2,200	1,760	440										NHPP
HS13. SysPres	CON													11,200	8,960	2,240				
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road <i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>	PREROW				104	83	21													STP FLEXIBLE
	ROW							1,938	1,550	388										
	CON										28,560	5,000	23,560							
	ADVCON													0	7,000	(7,000)	0	10,848	(10,848)	
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 HSIP
	CON				520	468	52													
	CON																			
HS16. Kealahou Parkway Extension (Route 197), Kealahou Drive to Kealahou Street <i>Estimated Total Project Cost - \$8,000,000 -- Extension of Kealahou Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.</i>	DES													0	0	0				STP FLEXIBLE (defer project outside of 15-18 STIP)
	PREROW																0	0	0	
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2 <i>Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>	DES	40	36	4																HSIP
	CON							360	324	36										
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7) <i>Estimated Total Project Cost - \$8,100,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE
	ROW	100	0	100																
	CON													6,600	5,280	1,320				
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement <i>Estimated Total Project Cost - \$11,454,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE
	ROW	65	0	65																
	CON													10,000	8,000	2,000				
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)				
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																			
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9 <i>Estimated Project Cost - \$1,500,000 -- Scope includes, but is not limited to: installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>	CON							1,457	1,311	146										HSIP
	CON																			
HS21. National Recreational Trails Program - Hawaii (DLNR) <i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	CON																			
HS22. Puainako St (Rte 200) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 194), Phase 1 - Kawiili (Rte 2770) to Kanoelehua Ave (Rte 11) Phase 2 - Komohana (RTE 194) to Kawiili (Rte 2770) <i>Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW										54	43	11							STP FLEXIBLE EARMARK - HIGH PRIORITY (HI025)
	ROW													5,600	4,480	1,120				
	ROW													1,000	800	200				
	PREROW										56	45	11				6,500	5,200	1,300	
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) <i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>	ROW				180	144	36													HSIP
	CON				1,240	1,115	125													
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park <i>Estimated Total Project Cost - \$5,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																NHPP
	DES																			
HAWAII : STATE - FHWA TOTAL		66,236	48,828	17,408	32,183	12,722	19,461	24,349	6,460	17,889	106,079	14,255	91,824	64,664	74,131	(9,467)	35,634	37,115	(1,481)	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)		
COUNTY OF HAWAII - FHWA																					
HC1. Aali Drive (Route 186) Culvert Replacement	CON							10,600	2,264	8,336										STP FLEXIBLE	
	ADVCON										0	6,216	(6,216)								
<i>Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																					
HC2. Aali Highway (Route 1110)	DES				0	0	0													STP FLEXIBLE	
	ROW										0	0	0							(project to be deferred from the STIP. project is not the current funding priority for COH)	
Phase 1	CON															0	0	0			
<i>Estimated Total Project Cost - \$76,000,000 -- Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Aali Dr. near the Keauhou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase in the design phase.</i>																					
HC3. Bridge Inspection and Appraisal	PLN				200	160	40				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>																					
HC4. Kawaiilani Street (Rte 2760) Improvements																					STP FLEXIBLE
	CON				17,850	10,904	6,946														
Phase 2B	ADVCON							0	3,376	(3,376)											
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakalani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																					
HC5. Kuakini Highway (Route 1100) Widening, Phase II	DES							1,530	1,200	330											STP FLEXIBLE
	CON													17,310	3,928	13,382					
	ADVCON																0	9,920	(9,920)		
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Aali Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																					
HC6. Mamalahoa Highway (Route 19) Widening (Mud Lane to Mana Road)	CON							8,160	6,400	1,760											NHPP
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.</i>																					
HC7. Waianuenue Avenue (Route 2720) Improvements	DES	900	720	180																	STP FLEXIBLE
	ROW				250	200	50														
	CON										12,650	3,928	8,722								
	ADVCON													0	6,192	(6,192)					
<i>Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.</i>																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		900	720	180	18,300	11,264	7,036	20,290	13,240	7,050	12,850	10,304	2,546	17,310	10,120	7,190	200	10,080	(9,880)		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
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</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.																				
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
<i>Transit</i> Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			253		2,355		9,296		8,080		31,808		20,688							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT			0		0		0		0		0		0							
STP FLEXIBLE			48,960		19,605		8,470		16,180		51,344		26,208							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			36		1,727		1,635		0		0		0							
NATIONAL RECREATIONAL TRAILS			299		299		299		299		299		299							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		800		0							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		49,548		23,986		19,700		24,559		84,251		47,195							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		(800)		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		49,548		23,986		19,700		24,559		83,451		47,195							

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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
<i>SysPres</i> Kuiuhalani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave <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.</i> <i>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)</i> <i>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>																				
MS2. Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
<i>Safety</i> at Various Locations, Maui Part 2--Kuiuhalani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue Part 3 Part 4																				
<i>Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.</i>																				
MS18. Hana Highway Bridge Preservation Program	DES							2,075	1,660	415										STP FLEXIBLE
<i>SysPres</i> Phase 1 <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.</i> <i>Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiiula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makaanali</i>																				
MS3. Hana Highway (Route 36) Kaahumanu Ave. (Route 32) Beautification	CON				0	0	0													STP ENHANCEMENT
<i>Enhance</i> Dairy Road (Route 380) to Naniloa Overpass <i>Estimated Total Project Cost - \$2,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																				
MS19. Hana Highway (Route 36) Safety Improvements,	DES				50	45	5													HSIP
<i>Safety</i> Kaiaea Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9 <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)	ROW							120	95	25										NHPP
<i>Modern</i> to Vicinity of Airport Access Road <i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW							858	686	172										NHPP
<i>SysPres</i> Honouua Bridge <i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honouua Bay.</i>																				
MS6. Honoapiilani Highway (Route 3000) Realignment	DES	50	40	10																NHPP
<i>Modern</i> Phase 1B2 - Hokiokio Place to Relocated Southern Terminus Phase 1C - Keawe Street Extension to North of Kaanapali Connector <i>Estimated Total Project Cost - \$95,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.</i>																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements	CON							1,352	1,217	135										HSIP
<i>Safety</i> Ukumehame to Olowalu <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	CON							3,120	2,496	624										HSIP
<i>Safety</i> Vicinity of Kapoli Street to Papalaua Beach Park <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	CON	3,250	2,600	650																NHPP
<i>SysPres</i> Vicinity of Olowalu <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	PREROW	20	16	4																STP FLEXIBLE
<i>SysPres</i> Kahului Bay <i>Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.</i>																				
MS16. Kihei-Upcountry Maui Highway (Route 374), Phase 1A	CON																			STP FLEXIBLE
<i>Modern</i> ADVCON <i>Estimated Total Project Cost -- \$100,000,000 -- This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makena area with Upcountry Maui. The terminus points are Haleakala Highway at the Upcountry Maui end and Piilani Highway at the Kihei-Makena end.</i>																				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)		
MS10. National Recreational Trails Program - Maui (DLNR) Enhance	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, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park	DES PREROW													3,570	2,856	714				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																					
MS20. Piilani Highway Safety Improvements Safety N. Kihei Rd to the Vicinity of Alanui Ke Alii Dr., MP 3.7 to MP 8.5	DES CON				90	81	9				810	729	81							HSIP New Project	
<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, Modern 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																					
MS14. Guardrail and Shoulder Improvements Program Safety at Various Locations, Molokai Part 2	CON				750	600	150													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS15. Kamehameha V Highway (Route 450), Bridge Replacement SysPres Makakupaia Stream Bridge	CON							0	0	0							7,535	6,028	1,507	STP FLEXIBLE (defer, inflate; currently procuring consultant contract)	
<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	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
COUNTY OF MAUI - FHWA																				
MC1. Alaialua Bridge Replacement, Hana Highway (Route 3700), MP 33.80 <i>SysPres</i>	DES							750	0	750										LOCAL
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Halimalle Road to Hana Hwy <i>SysPres</i>	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 <i>SysPres</i>	PLN	427	342	85				400	320	80				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 <i>Connect</i>	DES							270	0	270										STP FLEXIBLE
Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75)	CON													1,300	1,040	260				
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 <i>Safety</i>	CON							1,530	1,200	330										STP FLEXIBLE
Phase 1 - Halimalle Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62																				
Phase 2	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, Hana Highway (Route 3700), MP 31.05 <i>SysPres</i>	DES				700	0	700													STP FLEXIBLE
CON																				7,550
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2 <i>SysPres</i>	CON							1,530	1,200	330										STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC9. Kahakuloa Bridge Replacement, Kahekili Highway (Route 340), MP 9.27 <i>SysPres</i>	DES	0	0	0																STP FLEXIBLE
CON														0	0	0				(delete project. DES and CON will be done with local funds only)
<i>Estimated Total Project Cost - \$3,820,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC10. Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40 <i>SysPres</i>	CON							0	0	0				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. Kahawaiokapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61 <i>SysPres</i>	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), Mahalani Street / Maui Lani Parkway / Wainu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiiale Road (Route 3180) <i>SysPres</i>	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 <i>SysPres</i>	DES							550	0	550										STP FLEXIBLE
CON														5,600	4,000	1,600				New Project
Phase 1 - Kokomo Road to East Kuaiaha Road	CON																			
Phase 2 - East Kuaiaha Road to Hana Highway	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 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
MC13. Kihel Bikeway, Phase 2, Enhance Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekuai 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-MP 3.1) Pavement Reconstruction SysPres Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Piholo Road to Kokomo Road (Route 366)	CON				0	0	0	9,200	6,800	2,400										STP FLEXIBLE (Defer. Cost increase. Required ROW acquisition will delay project. Scope to reconstruct sidewalks was added)
<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, SysPres Piilani Highway (Route 3700), MP 28.59	CON												6,120	4,488	1,632					STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																				
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, SysPres Kualau Street to Honoapiilani Highway (Route 30)	DES CON	185	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. Kulanihiko Bridge Replacement SysPres South Kihel 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 SysPres Piilani Highway (Route 3700), MP 27.23	CON																			STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																				
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, SysPres Phase IV, 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) SysPres Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES CON							300	0	300										STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, SysPres Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175							0	0	0	3,641	2,856	785	STP FLEXIBLE (defer and inflate. Reprioritize due to needed financial constraint)
<i>Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) Enhance - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW CON				750	0	750							0	0	0	1,301	1,020	281	STP FLEXIBLE (defer and inflate. Reprioritize due to needed financial constraint)
<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 Conest	CON													730	584	146				STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.</i>																				
MC24. North Shore Greenway, Phase IV Enhance Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON				1,750	1,400	350													STP ENHANCEMENT
<i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>																				
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Modern Kaonoulu Street to Namaau Place	DES CON	450	0	450																STP FLEXIBLE
<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 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311
<i>Transit</i>																				
<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	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Human</i>																				
<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		4,394	2,603	1,791	4,549	2,693	1,856	4,687	2,775	1,912	4,829	2,859	1,970	4,978	2,947	2,031	5,130	3,037	2,093	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			11,140			0		781			11,000		23,000			0				
BRIDGE OFF-SYSTEM			0			0		0			0		0			0				
STP ENHANCEMENT			2,872			1,400		0			0		1,384			0				
STP FLEXIBLE			3,943			8,120		21,998			10,537		45,590			36,447				
SECTION 1404 - (Safe Routes to School)			0			0		0			0		0			0				
HSIP (Highway Safety Improvement Program)			0			126		3,713			1,134		0			0				
NATIONAL RECREATIONAL TRAILS			359			359		359			359		359			359				
CMAQ (Congestion Mitigation Air Quality)			0			0		0			0		0			0				
EQUITY BONUS			0			0		0			0		0			0				
EARMARK - HIGH PRIORITY			0			0		0			0		0			0				
EARMARK - TRANSPORTATION IMPROVEMENT			0			0		0			0		0			0				
EARMARK - SECTION 112			0			0		0			0		0			0				
EARMARK - SECTION 115			0			0		0			0		0			0				
EARMARK - SECTION 117			0			0		0			0		0			0				
FLHD (Federal Lands Highway Discretionary)			0			0		0			0		0			0				
NRCS (National Resources Conservation Service)			0			0		0			0		0			0				
DISCRETIONARY			0			0		0			0		0			0				
HIGHWAYS FOR LIFE			0			0		0			0		0			0				
FTA TRANSFER FUNDS			0			0		0			0		0			0				
IMD (NHPP Discretionary)			0			0		0			0		0			0				
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0			0		0			0				
	SUBTOTAL		18,314			10,005		26,851			23,030		70,333			36,806				
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			10,005		26,851			23,030		70,333			36,806				

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
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																		
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.																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	CON				1,020	816	204													STP FLEXIBLE
Safety		Part 3																		
		DES 100 80 20																		
		CON 1,000 800 200																		
		Part 4																		
		DES 100 80 20																		
		CON 1,000 800 200																		
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS3. Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	ROW										850	680	170							NHPP
SysPres		CON																		
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.																				
KS4. Kaunualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	ROW	67	0	67																NHPP
SysPres		CON																		
		3,200 2,560 640																		
Estimated Total Project Cost - \$7,365,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.																				
KS5. Kaunualii Highway (Route 50), Bridge Rehabilitation Hanapepe Bridge	ROW	105	0	105																STP FLEXIBLE
SysPres		CON																		
		100 80 20																		
		CON 2,000 1,600 400																		
		Phase 1 - Detour Road																		
		CON 25,000 10,000 15,000																		
		Phase 2 - Bridge work																		
		ADVCON 0 10,000 (10,000)																		
Estimated Total Project Cost - \$30,000,000 --- 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.																				
KS6. Kaunualii Highway (Route 50), Bridge Replacement Omao Bridge	ROW				110	88	22													STP FLEXIBLE
SysPres		CON																		
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.																				
KS7. Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON										0	0	0	20,000	6,000	14,000				NHPP (defer to focus on preservation and safety projects. Interim congestion solutions to be pursued)
Modern		ADVCON																		
		0 0 0 0 0 0																		
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS8. Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW				805	644	161													NHPP
SysPres		CON																		
		11,150 8,920 2,230																		
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				
KS15. Kuhio Highway (Route 560), Bridge Rehabilitation Wainiha Stream Bridges #1, #2, #3	DES	2,100	1,680	420																STP FLEXIBLE
SysPres		ROW																		
		100 0 100																		
		CON 100 80 20																		
		Phase 1 - Detour Road																		
		CON 1,000 800 200																		
		Phase 2 - Bridge work																		
		CON 20,000 16,000 4,000																		
Estimated Total Project Cost - \$24,300,000 -- 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.																				
KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	ROW							607	486	121										STP FLEXIBLE
SysPres		CON																		
		1,000 800 200																		
		CON 9,000 2,200 6,800																		
		ADVCON 0 5,000 (5,000)																		
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																				
KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, Kailiawai Bridge	CON										13,000	3,000	10,000							STP FLEXIBLE
SysPres		ADVCON																		
		0 7,400 (7,400)																		
Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																				
KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaia Stream Bridge Rehabilitation	ROW	120	0	120																NHPP
Safety		CON																		
		1,000 800 200																		
		CON 9,600 7,680 1,920																		
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaia Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.																				
KS12. Kuhio Highway (Route 56) Safety Improvements, MP 21.4 - 27.1	DES				120	96	24				1,080	864	216							HSIP
Safety		CON																		
		1,080 864 216																		
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.																				
KS13. National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance																				
		314 251 63 314 251 63 314 251 63 314 251 63 314 251 63 314 251 63																		
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.																				
KAUAI : STATE - FHWA TOTAL		18,006	5,091	12,915	22,669	8,535	14,134	13,921	1,537	12,384	38,494	13,795	24,699	104,714	56,571	48,143	16,499	28,599	(12,100)	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informatve Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)			
COUNTY OF KAUAI - FHWA																						
KC1. Bridge Inspection and Appraisal SysPres	PLN/DES				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 SysPres	CON ADVCON										3,120	1,400	1,720	0	1,000	(1,000)					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>																						
KC13. Kapahi Bridge Replacement SysPres	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) Safety	PLN DES CON	100 275	80 220	20 55																	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																						
KC4. Lihue-Anahola Coastal Bike Path Enhance	Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Papaioa Road to Uhelekawawa Canal Phase C & D CON CON				2,295	2,295	0					1,560	1,560	0							STP ENHANCEMENT	
<i>A shared-use path for pedestrians, bicyclists, and other users from Papaioa 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 Phase A - Ahukini Landing to Hanamaulu Beach Park CON CON	DES CON							1,122	1,122	0							7,575	7,575	0			
Phase B - Hanamaulu Beach Park to Wailua Golf Course DES ROW	DES ROW										815	815	0				4,080	4,080	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 Phase A - Ninini Point to Ahukini DES ROW CON DES CON	DES ROW CON DES CON										0	0	0	1,907	1,907	0	0	0	0	6,865	428	0
Phase B - Ninini Point to Nawiliwili Beach Park DES CON	DES CON										0	0	0	1,020	1,020	0	0	0	0	0	0	(defer and inflate. Reprioritize or financial constraint.)
<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>																						
KC14. Lihue Town Core Mobility and Revitalization Enhance	PLN DES/CON				1,234	1,049	185					15,019	12,766	2,253							TIGER (2015)	
<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																						
KC5. Northern Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Modern	DES													2,000	1,600	400					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.</i>																						
KC6. Opaekaa Bridge Rehabilitation SysPres	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 Enhance	PLN DES CON	100 400	80 320	20 80										7,588	6,070	1,518					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$8,100,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoike; Construction of bus stop shelters; Construction of medians and landscaping</i>																						
KC8. Puhi Road (Route 5010) Rehabilitation SysPres	Phase 1 - Kaunua Highway (RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) CON DES CON	3,300 250	2,640 200	660 50								3,500	2,800	700							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road, Phase 1 was from Kaunua Hwy (MP 0.00) to Kaneka Street, Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																						
KC9. Puuopae Bridge Rehabilitation SysPres	CON				3,185	2,500	685														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>																						
KC10. Rice Street (Route 5020) Improvements Safety	MP 0-MP 1.00 PLN DES CON							0	0	0				0	0	0					STP FLEXIBLE (project deleted. Scope will be absorbed by awarded TIGER project. See KC14)	
<i>Estimated Total Project Cost - \$3,500,000 -- Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.</i>																						
KAUAI - COUNTY OF KAUAI - FHWA TOTAL		6,425	5,140	1,285	6,839	5,944	895	27,381	22,098	5,283	12,028	10,785	1,243	16,582	16,182	400	7,418	7,393	25			

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
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 Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	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
<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>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	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) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)		0			4,004			0			9,600			13,680			13,348			
BRIDGE OFF-SYSTEM		0			0			0			0			0			0			
STP ENHANCEMENT		0			2,295			2,682			815			14,582			7,293			
STP FLEXIBLE			9,980		6,784			7,936			13,050			44,240			15,100			
SECTION 1404 - (Safe Routes to School)		0			0			0			0			0			0			
HSIP (Highway Safety Improvement Program)		0			96			0			864			0			0			
NATIONAL RECREATIONAL TRAILS		251			251			251			251			251			251			
CMAQ (Congestion Mitigation Air Quality)		0			0			0			0			0			0			
FTA TRANSFER FUNDS		0			0			0			0			0			0			
EQUITY BONUS		0			0			0			0			0			0			
EARMARK - HIGH PRIORITY		0			0			0			0			0			0			
EARMARK - TRANSPORTATION IMPROVEMENT		0			0			0			0			0			0			
EARMARK - SECTION 112		0			0			0			0			0			0			
EARMARK - SECTION 115		0			0			0			0			0			0			
EARMARK - SECTION 117		0			0			0			0			0			0			
FLHD (Federal Lands Highway Discretionary)		0			0			0			0			0			0			
NRCS (National Resources Conservation Service)		0			0			0			0			0			0			
DISCRETIONARY (TIGER 2015)		0			1,049			12,766			0			0			0			
HIGHWAYS FOR LIFE		0			0			0			0			0			0			
IMD (NHPP Discretionary)		0			0			0			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0			0			0			0			0			
	SUBTOTAL		10,231			14,479			23,635			24,580			72,753			35,992		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(1,049)			(12,766)			0			0		0			
LESS FTA TRANSFER FUNDS			0			0			0			0			0		0			
REGULAR FORMULA AUTHORITY	TOTAL		10,231			13,430			10,869			24,580			72,753			35,992		

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informativ Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FTA SUMMARY																				
STATEWIDE		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	
C&C OF HONOLULU		1,147,325	390,619	756,706	1,162,441	405,761	756,680	881,384	286,467	594,917	514,859	168,480	346,379	128,291	40,291	88,000	130,896	41,508	89,388	
COUNTY OF HAWAII		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	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	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319	
COUNTY OF MAUI		4,394	2,603	1,791	4,549	2,693	1,856	4,687	2,775	1,912	4,829	2,859	1,970	4,978	2,947	2,031	5,130	3,037	2,093	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
FTA TOTAL		1,190,913	408,675	782,238	1,196,500	414,413	782,087	927,048	304,371	622,677	592,485	188,959	403,526	179,658	80,563	99,095	173,151	61,416	111,735	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)																
FHWA SUMMARY																				
STATEWIDE		37,705	6,693	31,012	41,275	9,809	31,466	42,133	10,495	31,638	44,590	16,536	28,054	47,685	10,807	36,878	41,865	10,141	31,724	
Oahu - State		158,769	98,019	60,750	132,841	103,138	29,703	154,663	81,761	72,902	149,358	61,393	87,965	174,939	91,163	83,776	120,414	110,908	9,506	
City and County of Honolulu		29,508	17,000	12,508	31,638	17,500	14,138	12,430	7,302	5,128	48,592	17,000	31,592	55,821	23,167	32,654	34,676	15,091	19,585	
ISLAND OF OAHU		188,277	115,019	73,258	164,479	120,638	43,841	167,093	89,063	78,030	197,950	78,393	119,557	230,760	114,330	116,430	155,090	125,999	29,091	
Hawaii - State		66,236	48,828	17,408	32,183	12,722	19,461	24,349	6,460	17,889	106,079	14,255	91,824	64,664	74,131	(9,467)	35,634	37,115	(1,481)	
County of Hawaii		900	720	180	18,300	11,264	7,036	20,290	13,240	7,050	12,850	10,304	2,546	17,310	10,120	7,190	200	10,080	(9,880)	
ISLAND OF HAWAII		67,136	49,548	17,588	50,483	23,986	26,497	44,639	19,700	24,939	118,929	24,559	94,370	81,974	84,251	(2,277)	35,834	47,195	(11,361)	
Maui - State		32,803	11,541	21,262	22,839	1,885	20,954	34,102	10,931	23,171	65,709	13,293	52,416	39,084	32,867	6,217	29,594	12,275	17,319	
County of Maui		10,970	6,773	4,197	13,175	8,120	5,055	23,508	15,920	7,588	13,064	9,737	3,327	50,163	37,466	12,697	32,504	24,531	7,973	
ISLAND OF MAUI		43,773	18,314	25,459	36,014	10,005	26,009	57,610	26,851	30,759	78,773	23,030	55,743	89,247	70,333	18,914	62,098	36,806	25,292	
Kauai - State		18,006	5,091	12,915	22,669	8,535	14,134	13,921	1,537	12,384	38,494	13,795	24,699	104,714	56,571	48,143	16,499	28,599	(12,100)	
County of Kauai		6,425	5,140	1,285	6,839	5,944	895	27,381	22,098	5,283	12,028	10,785	1,243	16,582	16,182	400	7,418	7,393	25	
ISLAND OF KAUAI		24,431	10,231	14,200	29,508	14,479	15,029	41,302	23,635	17,667	50,522	24,580	25,942	121,296	72,753	48,543	23,917	35,992	(12,075)	
FHWA TOTAL		361,322	199,805	161,517	321,759	178,917	142,842	352,777	169,744	183,033	490,764	167,098	323,666	570,962	352,474	218,488	318,804	256,133	62,671	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) D R A F T Revision #5
Revision Effective Date: February 29, 2016**

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)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			107,305		75,102		87,461		86,971		151,716		135,057							
BRIDGE OFF-SYSTEM			720		720		720		800		800		800							
STP ENHANCEMENT			2,872		11,695		2,768		815		18,414		12,613							
STP FLEXIBLE			80,481		77,623		50,406		66,922		175,923		99,372							
SECTION 1404 - (Safe Routes to School)			200		1,500		1,400		1,500		750		0							
HSIP (Highway Safety Improvement Program)			2,466		7,467		12,762		7,791		2,610		6,630							
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		918		800		200							
EARMARK - TRANSPORTATION IMPROVEMENT			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY (TIGER 2015)			0		1,049		12,766		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			4,300		2,300		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		199,805		178,917		169,744		167,098		352,474		256,133							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)		(3,614)		(13,031)		(1,183)		(1,065)		(465)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		195,240		175,303		156,713		165,915		351,409		255,668							