

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T Financially UNconstrained
Revision Effective Date: March 23, 2018

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

PROJECT	PHASE	FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FFY2021 (Oct 1, 21 - Sep 30, 21)			FFY2022 (Oct 1, 22 - Sep 30, 22)			FFY2023 (Oct 1, 23 - Sep 30, 23)			FFY2024 (Oct 1, 24 - Sep 30, 24)			FUND CATEGORY & REMARKS	
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)		
STATEWIDE - FHWA																					
S1 Enhance Bikeway Improvements at Various Locations, Statewide	PE1	100	80	20																STP FLEXIBLE	
	PE2	200	160	40																	
	ROW				50	0	50														
	CON				500	400	100														
	ADVCON	0	1,500	(1,500)																	
<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	3,500	2,800	700	3,500	2,800	700	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 - \$24,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3 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>																				
S4 SysPres Highway Research and Development Program	PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																				
S5 Safety Highway Safety Improvement Program (HSIP), Infrastructure Funding Program	PE1	100	80	20				100	80	20				100	80	20				HSIP	
	PE2	300	240	60				300	240	60				300	240	60					
	CON				2,000	1,600	400							1,000	800	200					4,000
<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																					
S6 Safety Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/OPR	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP	
	<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																				
S7 SysPres Highway Shoreline Protection, Statewide	PE1				50	0	50							50	0	50				STP FLEXIBLE	
	PE2							150	0	150							150	0	150		
	CON	2,000	0	2,000							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>																					
S8 Enhance Pedestrian Facilities and ADA Compliance at Various Locations	PE1	130	104	26																STP FLEXIBLE	
	PE2	70	56	14																	
	CON				1,000	800	200														
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																					
S9 Modern Federal Lands Highway Access Discretionary Program	PE/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY	
	<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL		
S10 Safe Routes to School (SRTS) Program Non-infrastructure Infrastructure	PE	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	200	200	0	SAFE ROUTES TO SCHOOL	
	PE/CON	1,300	1,300	0	1,300	1,300	0	1,300	1,300	0	1,300	1,300	0	1,300	1,300	0	1,300	1,300	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>																					
S11 SNIPP - Statewide Noxious Invasive Pest Program	OPR	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>																					
S12 Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																					
S13 Statewide Signing, Striping and Pavement Marking Program	CON	11,250	9,000	2,250	11,250	9,000	2,250	11,250	9,000	2,250	11,250	9,000	2,250	4,000	3,200	800	5,000	0	5,000	NHPP	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																					
S14 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	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																					
S15 Structural Countermeasures for Scour Critical Bridges Tier 1	PE1	500	400	100																NHPP	
	PE2				500	400	100														
	CON							2,000	1,600	400											
	PE1							750	600	150											
	PE2										750	600	150								
<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>																					
S16 Technology Transfer and Technical Assistance Program	PLN	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>																					
S17 Traffic Counting Stations, Various Locations	CON				2,500	2,000	500													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>																					
S18 Transportation Alternative Program	PE/CON	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP	
<i>Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.</i>																					
STATEWIDE - FHWA TOTAL		53,845	23,765	30,080	54,765	24,521	30,244	50,495	21,065	29,430	50,945	19,945	31,000	43,395	15,465	27,930	45,095	12,745	32,350		

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
		(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	
STATEWIDE - FTA																				
S19. 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>																				
S20. 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>																				
S21. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			12,200		12,200		14,000		12,400		8,400		2,800							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT / TAP			1,840		1,840		1,840		1,840		1,840		1,840							
STP FLEXIBLE			5,210		4,686		710		710		710		710							
SECTION 1404 - (Safe Routes to School)			1,500		1,500		1,500		1,500		1,500		1,500							
HSIP (Highway Safety Improvement Program)			2,750		4,030		2,750		3,230		2,750		5,630							
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
STSFA GRANTS			0		0		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		23,765		24,521		21,065		19,945		15,465		12,745							
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		23,500		24,256		20,800		19,680		15,200		12,480							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
QAHU : STATE - FHWA																					
OS1 SysPres	Bridge and Pavement Improvement Program, Oahu	CON	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	LOCAL
	Kalihi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	ADVCON	0	2,000	(2,000)																NHPP
<i>Estimated Total Project Cost - \$212,400,000 -- 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/related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
OS76 SysPres	Bridge Rehabilitation Program Various Locations TBD by BRM	PE1						1,120	896	224		300	240	60	1,000	800	200	1,300	1,040	260	NHPP
		PE2										1,700	1,360	340	1,000	800	200	1,000	800	200	
		ROW													1,000	800	200	300	240	60	
		CON										12,000	2,600	9,400	7,500	6,000	1,500	13,700	10,960	2,740	
		ADVCON													0	7,000	(7,000)				
<i>Estimated Total Project Cost - \$41,920,000 -- Rehabilitate bridges.</i>																					
OS77 SysPres	Bridge Replacement Program Various Locations TBD by BRM	PE1						720	576	144		1,300	1,040	260							NHPP
		PE2										1,100	880	220	2,300	1,840	460				
		ROW										550	440	110	550	440	110	1,535	1,228	307	
		CON										10,000	4,000	6,000	20,000	16,000	4,000	29,000	23,200	5,800	
		ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$67,055,000 -- Replace bridges.</i>																					
OS78 SysPres	Bridge Seismic Retrofit Program Various Locations TBD by Seismic Retrofit Management Program	PE1						240	192	48					210	168	42	736	589	147	NHPP
		PE2										360	288	72				315	252	63	
		CON													3,000	2,400	600				
<i>Estimated Total Project Cost - \$4,861,000 -- Seismic Retrofit of bridges.</i>																					
OS12 SysPres	Destination Sign, Upgrade/Replacement	ADVCON	0	1,000	(1,000)																NHPP
	Phase II	CON				7,000	5,600	1,400													
	Phase III	PE1						550	440	110											
		PE2										800	640	160							
		CON													10,000	6,000	4,000				
		ADVCON																0	2,000	(2,000)	
	Phase V	PE1										300	270	30							
		PE2													450	405	45				
<i>Estimated Total Project Cost - \$29,000,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2, H-201 and Pali Highway.</i>																					
OS2 SysPres	Farrington Highway (Route 93), Bridge Rehabilitation Ulehawa Stream Bridge	ROW	603	482	121																NHPP
		CON				8,490	792	7,698													
		ADVCON							0	6,000	(6,000)										
<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>																					
OS4 SysPres	Farrington Highway (Route 93), Bridge Replacement Makaha Bridges #3 & #3A	CON				22,200	760	21,440													NHPP
		ADVCON							0	5,000	(5,000)	0	12,000	(12,000)							
<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>																					
OS69 Safety	Farrington Highway (Route 93), Safety Improvements H-1 Freeway to Pohakunui Avenue	CON				2,250	25	2,225													HSIP
		ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$2,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips or rumble edge stripes on shoulders/median; installation of milled rumble strips on centerline; widen shoulders where possible; speed feedback sign; concrete median barrier at U-turn; pavement markings; signing.</i>																					

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL		
OS5 Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),	Phase 2A	ADVCON	0	4,960	(4,960)	0	3,000	(3,000)												NHPP	
	Phase 3	PE2				740	592	148													
		CON							10,302	4,000	6,302										
	Phase 4	ADVCON								0	1,242	(1,242)	0	3,000	(3,000)						
		PE1							800	640	160										
		PE2										1,200	960	240							
		CON												0	0	0	20,000	8,000	12,000		
Phase 5	ADVCON														0	0	0				
	PE1											200	180	20							
	PE2															300	270	30			
<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, Congest Joint Traffic Management Center Operations (State)	OPR		350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	NHPP
	<i>Estimated Total Project Cost - \$2,100,000 -- 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, Congest	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, Safety	Phase 2	PE1	177	0	177																HSIP
		PE2				100	0	100													
		CON							2,000	1,600	400										
	Phase 3	PE1							170	0	170										
		CON										100	0	100			2,000	1,600	400		
<i>Estimated Total Project Cost - \$4,547,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																					
OS11 ITS Operation and Maintenance, Congest	OPR		285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
	<i>Estimated Total Project Cost - \$1,710,000 -- 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>																				
OS59 Interstate Route H-1, Eastbound Improvements, Modern Waiawa Interchange to Halawa Interchange	PE2				1,500	1,200	300													LOCAL	
	ROW									500	400	100									
<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		11,500	500	11,000															NHPP	
	ADVCON					0	3,700	(3,700)	0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$12,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system.</i>																					
OS16 Interstate Route H-1, Highway Lighting Improvements, SysPres Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	ADVCON		0	2,857	(2,857)	0	3,000	(3,000)												NHPP	
	<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>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS67 Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa <i>Estimated Total Project Cost - \$93,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.</i>	ADVCON	0	24,000	(24,000)	0	12,000	(12,000)	0	9,000	(9,000)									NHPP	
OS20 Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalail IC) to Waiawa Overpass <i>Estimated Total Project Cost - \$9,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>	ADVCON	0	3,000	(3,000)															HSIP	
OS74 Interstate Route H-1, Seismic Retrofit, McCully Street Separation	PE1								286	229	57								NHPP	
	PE2											429	343	86						
	CON														2,440	1,952	488			
<i>Estimated Total Project Cost - \$3,155,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS70 Interstate Route H-1, Seismic Retrofit, Waialae Viaduct	PE1							664	531	133									NHPP	
	PE2																			
	CON										1,000	800	200							
	ADVCON													6,100	1,880	4,220	0	3,000	(3,000)	
<i>Estimated Total Project Cost - \$7,764,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS22 Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3	PE1	600	480	120															NHPP	
	PE2	600	480	120																
	CON							6,500	200	6,300										
	ADVCON										0	3,000	(3,000)	0	2,000	(2,000)				
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS26 Kalaniana'ole Highway (Route 72) Resurfacing Poalima Street to Huli Street	CON	4,250	1,400	2,850															NHPP	
	CON	2,750	2,200	550															EARMARK - HIGH PRIORITY	
	ADVCON				0	2,000	(2,000)													
<i>Estimated Total Project Cost - \$7,500,000 -- Roadway resurfacing of Kalaniana'ole Highway from Poalima Street to Huli Street.</i>																				
OS28 Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON				17,800	2,000	15,800												NHPP	
	ADVCON							0	4,240	(4,240)	0	3,000	(3,000)	0	5,000	(5,000)				
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29 Kamehameha Highway (Route 83), Bridge Replacement Kaluani Stream Bridge	CON	9,200	360	8,840															NHPP	
	ADVCON				0	2,000	(2,000)	0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS31 Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	CON				9,800	840	8,960												NHPP	
	ADVCON							0	1,000	(1,000)	0	3,000	(3,000)	0	3,000	(3,000)				
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL			
OS71 Kamehameha Highway (Route 83), Bridge Rehabilitation Paumalu Bridge <i>Estimated Total Project Cost - \$11,960,000 -- Rehabilitate the existing bridge.</i>	PE1							1,000	800	200										NHPP		
	PE2																					
	ROW																					
	CON																					
OS32 Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge <i>Estimated Total Project Cost - \$37,000,000 -- Replace the existing bridge.</i>	CON	35,000	600	34,400																NHPP		
	ADVCON				0	10,000	(10,000)	0	5,600	(5,600)	0	11,800	(11,800)									
OS34 Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge <i>Estimated Total Project Cost - \$17,300,000 - replace the existing bridge</i>	ROW	585	468	117																NHPP		
	CON				15,000	1,000	14,000															
	ADVCON							0	6,500	(6,500)	0	4,500	(4,500)									
OS72 Kamehameha Highway (Route 83), Bridge Replacement Waimanana Bridge <i>Estimated Total Project Cost - \$11,520,000 -- Replace the existing bridge.</i>	PE1							650	520	130										NHPP		
	PE2																					
	ROW										930	744	186									
	CON													740	592	148					9,200	7,360
OS36 Kamehameha Highway (Route 83), Bridge Replacement Waipilo Stream Bridge <i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>	ROW	1,030	824	206																NHPP		
	CON							9,700	760	8,940												
	ADVCON										0	5,000	(5,000)	0	2,000	(2,000)						
OS61 Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaihoa Beach <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>	ADVCON	0	220	(220)	0	2,000	(2,000)													NHPP		
	PREROW				50	40	10															
	ROW										1,000	800	200									
OS75 Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay <i>Estimated Total Project Cost - \$19,450,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	PE2				900	720	180													NHPP		
	PREROW							50	40	10												
	ROW										500	400	100									
	Haleiwa										10,000	2,000	8,000									
	Sunset Beach													0	6,000	(6,000)					8,000	6,400
OS41 Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond <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>	CON	6,600	280	6,320																NHPP		
	ADVCON				0	4,000	(4,000)	0	1,000	(1,000)												
OS43 Leeward Bikeway - Phillipine Sea Road to Waipahu Depot Street <i>Estimated Total Project Cost - \$11,000,000 -- Improve/build bikeway/bike path from Phillipine Sea Road to Waipahu Depot Street.</i>	ADVCON	0	5,388	(5,388)	0	2,000	(2,000)													ENHANCEMENT		
OS73 Likelike Highway (Route 63), Safety Improvements Emmeline Place to Kahekili Highway <i>Estimated Total Project Cost - \$3,000,000 -- includes, but is not limited to: Installation of milled rumble strips or rumble edge stripes on shoulders where possible; high friction surface treatment; speed feedback sign; guardrail end treatment; in-lane pavement markers; LED speed limit signs and chevrons; widen paved shoulders where possible; pavement markings; signing.</i>	CON							2,700	430	2,270										HSIP		
	ADVCON										0	2,000	(2,000)									

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
OS46 Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	ADVCON	0	2,000	(2,000)																NHPP
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																				
OS45 Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON	0	5,500	(5,500)																NHPP
<i>Estimated Total Project Cost - \$13,000,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																				
OS44 Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements, Phase 2	CON				10,000	100	9,900													NHPP
	ADVCON							0	4,000	(4,000)	0	3,900	(3,900)							
<i>Estimated Total Project Cost - \$11,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS62 Pali Highway (Route 61) Resurfacing & Lighting Improvements Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83)																				NHPP
	ADVCON	0	11,000	(11,000)	0	10,000	(10,000)													
	CON	18,000	1,400	16,600																
	ADVCON				0	6,000	(6,000)	0	7,000	(7,000)										
<i>Estimated Total Project Cost -- \$96,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.</i>																				
OS49 Recreational Trails Program - Oahu	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 Kapalama Container Terminal	CON	5,200	4,160	1,040																NHPP
<i>Estimated Total Project Cost - \$9,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																				
OS79 Shoreline Protection/Mitigation Program Various Locations on Oahu																				NHPP
	ROW				500	400	100				500	400	100							
	CON				2,000	1,600	400				2,000	1,600	400							
	PE1							2,000	600	1,400										
	ADVCON(PE)										0	1,000	(1,000)							
	PE2										4,000	3,200	800							
	ROW													2,000	1,600	400				
	CON																15,000	7,000	8,000	
	ADVCON																			
<i>Estimated Total Project Cost - \$28,000,000 -- Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Oahu District Sub-Program.</i>																				
OS63 Traffic Counting Stations, Various Locations	CON				2,575	60	2,515													STP FLEXIBLE
	ADVCON							0	2,000	(2,000)										
<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		135,989	79,531	56,458	140,799	79,401	61,398	79,060	79,537	(477)	90,720	78,025	12,695	98,933	78,268	20,665	152,720	82,263	70,457	

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
		(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	
QAHU : STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	544	435	109	560	448	112	576	461	115	594	475	119	613	490	123	632	505	127	FTA SECTION 5310
<i>Estimated Total Project Cost - \$3,519,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses - for the program audience.</i>																				
OS68. HDOT State Safety Oversight Program	OPR	290	232	58	299	239	60	307	246	61	316	253	63	326	261	65	336	269	67	FTA SECTION 5329
<i>Estimated Total Project Cost - \$1,874,000 -- This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will Implement 49 CFR Part 674 State Safety Oversight Final Rule.</i>																				
QAHU : STATE - FTA TOTAL		834	667	167	859	687	172	883	707	176	910	728	182	939	751	188	968	774	194	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transportation Management Center Safety	DES	500	0	500																STP FLEXIBLE
	INSP	1,500	0	1,500																
	EQP	250	200	50	250	200	50													
	OPR	500	400	100	500	400	100	463	370	93	475	380	95	488	390	98	375	300	75	
	<i>Estimated Total Project Cost - \$97,813,000 -- The transportation management center will be a joint communication 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	Kailua-Lanikai Bike Path																			STP FLEXIBLE
	ROW	1	0	1																
	PE1	300	240	60																
	PE2				125	100	25													
	Sunset Bike Path Improvements																			
	ROW	1	0	1																
	PE1	300	240	60																
	PE2				125	100	25													
	Waipahu Depot Shared Use Path																			
	ROW				1	0	1													
CON				1,000	800	200														
TBD - DES 2020	PE1				300	240	60													
	PE2							125	100	25										
TBD - DES 2021	PE1							300	240	60										
	<i>Estimated Total Project Cost - \$2,578,000 -- This is an ongoing 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, Inventory, and Appraisal SysPres	DES	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM
<i>Estimated Total Project Cost - \$4,000,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System Congest	Phase 15 - Nanakuli																			
	PE2	250	200	50																
	CON				3,800	3,000	800													
	EQP				100	0	100													
	Phase 16 - Waianae																			
	PE1	250	200	50																
	PE2				315	250	65													
	CON				3,800	3,000	800													
	EQP				100	0	100													
	Phase 17 - TBD																			
PE1				315	250	65				190	150	40								
PE2																				
CON													3,800	3,000	800					
EQP													100	0	100					
<i>Estimated Total Project Cost - \$9,120,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				
OC27. Farrington Highway (Routes 7100 and 9107) Improvements, Modern	ROW				15,000	0	15,000	15,000	0	15,000										LOCAL
	PE1	50	0	50																
	PE2	3,950	0	3,950	1,000	0	1,000	1,000	0	1,000										
	CON							26,000	0	26,000	53,000	0	26,000	53,000	0	53,000	19,000	0	19,000	
	INSP																			
<i>Estimated Total Project Cost - \$142,050,000 -- Construct Improvements to enhance sub-regional roadway connectivity and mobility, increase capacity and accomodate multi-modal transportation options, from Kapolei Golf Course Road to west of Fort Weaver Road. The project might be constructed in phases.</i>																				
OC29. Federal Lands Access Program (FLAP) Enhance	Federal Lands Access Program (FLAP)																			FEDERAL LANDS ACCESS PROGRAM
	Pearl Harbor Multimodal Connection Alternatives: Phase II																			
	PE2	733	586	147																
CON				6,033	4,826	1,207														
<i>Estimated Total Project Cost - \$6,766,000 -- FLAP was established to improve transportation facilities that provide access to, are adjacent to, or are located within Federal lands. The Access Program supplements State and local resources for public roads, transit systems, and other transportation facilities, with an emphasis on high-use recreation sited an economic generators.</i>																				

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
OC28. Safe Routes to School Program (SRTS) Enhance Kailua Bike Boulevard	PE2				25	25	0												SAFE ROUTES TO SCHOOL	
	CON											300	300	0						
	INSP											70	70	0						
<i>Estimated Total Project Cost - \$500,000 -- SRTS has the following goals: enable and encourage children, including those with disabilities, to walk and bicycle to school; make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.</i>																				
OC23. Salt Lake Boulevard Widening Modern Phase 3	ROW	100	0	100															STP FLEXIBLE	
	PE2	10	0	10																
	CON				35,165	3,625	31,540	43,805	7,170	36,635										
	INSP				9,000	0	9,000													
<i>Estimated Total Project Cost - \$87,280,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Lilikoi Streets.</i>																				
OC8. Traffic Improvements at Various Locations Safety																			STP FLEXIBLE	
	Kalaheo Avenue/Kailua Road	ROW	106	85	21															
		CON	1,590	1,272	318															
		INSP	265	212	53															
	Mahoe and Waipahu Streets	CON				2,500	2,000	500												
	Kailua Road/Wanaao Road Intersection Improvements	PE1	300	240	60															
		PE2				125	100	25												
		CON									1,250	1,000	250							
	Kalakaua Share Use Crossing	PE1	200	160	40															
		PE2				125	100	25												
		CON									1,250	1,000	250							
	Manager's Drive/ Hiapa Street Intersection Improvements	PE1				400	320	80												
		PE2							125	100	25									
		CON											2,500	2,000	500					
TBD - DES 2021	PE1							400	320	80										
	PE2										125	100	25							
	CON															1,250	1,000	250		
TBD - DES 2022	PE1										400	320	80							
<i>Estimated Total Project Cost - \$9,161,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Kalaheo Avenue/Kailua Road, Mahoe and Waipahu Streets, Kailua Road/Wanaao Road intersection improvements, Kalakaua shared use crossing, and Manager's Drive/Hiapa Street intersection improvements.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Signals at Various Locations Congest																				STP FLEXIBLE
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	CON	3,750	3,000	750																
	EQP	1	0	1																
Phase 19 - Waiialae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE2	250	200	50																
	CON				4,375	3,500	875													
	EQP				4	0	4													
Phase 20 - King St/Punahou St, Makuahine/Hala Dr, Hawaii Kai Dr/Kalalea St, Kamehameha Hwy/Waikalua Rd, Ward Ave/Lunalilo, Kapahulu Interconnect	PE1	250	200	50																
	PE2				315	250	65													
	CON							3,750	3,000	750										
	EQP							1	0	1										
Phase 21 - Meheula Pkwy/Ainamakua Dr (Audio Ped), Kapiolani Blvd/Ward Ave, Kapiolani Blvd/McCully St	PE1				319	255	64													
	PE2							250	200	50										
	CON										3,750	3,000	750							
	EQP										1	0	1							
Phase 22 - TBD	PE1							315	250	65										
	PE2										375	300	75							
	CON													3,750	3,000	750				
	EQP													1	0	1				
Phase 23 - TBD	PE1										315	250	65							
	PE2													425	350	75				
	CON																3,750	3,000	750	
	EQP																1	0	1	
Phase 24 - TBD	PE1													315	250	65				
	PE2																375	300	75	
	CON																			
	EQP																			
Phase 25 - TBD	PE1																315	250	65	
<i>Estimated Total Project Cost - \$18,021,000 -- Install and upgrade traffic signals islandwide including ADA improvements, signs and markings, and interties.</i>																				
OC25. Transportation Alternatives Program (MPO) at Various Locations Enhance																				TAP-U
1 - HART Secure Bike Storage Units (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON				500	400	100													FTA \$5307/\$5340
2 - HART Middle Loch Connector (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON	375	300	75																FTA \$5307/\$5340
3 - Ala Wai Bridge Project (Estimated Total Project Cost - \$6,000,000)	PE1	1,500	1,200	300																TAP-U
	PE2	1,100	880	220																TAP-U
	CON	8,589	6,871	1,718																STP FLEXIBLE
6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON				1,000	800	200													
<i>Estimated Total Project Cost - \$12,189,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OC26. Transportation Alternative Program (State) Enhance																				TAP
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flexed Funds)	PE2/CON	50	40	10	200	160	40													FTA \$5307/\$5340
Phase 3 - Haleiwa Road Multi-Use Path	PE2				200	160	40													TAP
	CON							1,000	800	200										STP FLEXIBLE
	INSP							500	400	100										STP FLEXIBLE
<i>Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OAHU : C&C OF HONOLULU - FHWA TOTAL		27,596	17,186	10,410	83,102	21,851	61,251	72,249	17,000	55,249	35,131	7,300	27,831	65,749	10,160	55,589	26,566	6,050	20,516	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
CITY & COUNTY OF HONOLULU - FTA																				
OC13. Bus and Handi-Van Acquisition Program																				
Transit																				
FY2019: 30<30' buses + 18-40' buses + 28-60' buses	EQP	25,718	20,570	5,148																FTA \$5307/\$5340
	EQP	2,539	1,979	560																FTA \$5337
	EQP	12,066	9,217	2,849																FTA \$5339
	EQP	1,150	920	230																FTA \$5310
	INSP	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	FTA \$5307/\$5340
	DES	642	513	129																FTA \$5339
FY2020: 30<30' buses + 10-40' buses + 10-60' buses	EQP				9,678	7,742	1,936													FTA \$5307/\$5340
	EQP				3,698	2,958	740													FTA \$5339
	EQP				392	314	78													FTA \$5310
	EQP				2,142	1,713	429													FTA \$5337
FY2021: 30<30' buses + 10-40' buses + 10-60' buses	EQP							15,630	8,232	7,398										FTA \$5307/\$5340
	EQP							1,814	1,451	363										FTA \$5337
	EQP							3,772	3,018	754										FTA \$5339
	EQP							402	321	81										FTA \$5310
FY2022: 30<30' buses + 10-40' buses + 10-60' buses	EQP										16,364	8,818	7,546							FTA \$5307/\$5340
	EQP										1,850	1,480	370							FTA \$5337
	EQP										3,848	3,078	770							FTA \$5339
	EQP										417	334	83							FTA \$5310
FY2023: TBD	EQP													16,691	8,994	7,697				FTA \$5307/\$5340
	EQP													1,888	1,510	378				FTA \$5337
	EQP													3,925	3,140	785				FTA \$5339
	EQP													426	341	85				FTA \$5310
FY2024: TBD	EQP																17,025	9,174	7,851	FTA \$5307/\$5340
	EQP																1,925	1,540	385	FTA \$5337
	EQP																4,003	3,202	801	FTA \$5339
	EQP																434	347	87	FTA \$5310
<i>Estimated Total Project Cost - \$102,318,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC24. Capital Training	OPR	26	21	5	28	22	6	28	22	6	29	23	6	30	24	6	30	24	6	FTA \$5307/\$5340
<i>Estimated Project Cost - \$111,000 -- Department of Transportation Services staff attendance at training workshops offered by the National Transit Institute.</i>																				
OC16. Honolulu Rail Transit Project																				
Transit																				
\$5309 New Starts	HRTF	833,333	250,000	583,333	833,333	250,000	583,333	480,035	144,010	336,025										FTA \$5309
FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64)	HRTF	6,150	5,000	1,150																FTA \$5307/ \$5340
FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25 and OC26)	HRTF	425	340	85	700	560	140													FTA \$5307/ \$5340
<i>Estimated Total Project Cost - \$8,165,000,000 -- 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>																				
OC20. Preventive Maintenance	OPR	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	FTA \$5307/\$5340
<i>Estimated Total Project Cost - \$105,000,000 -- Preventive maintenance of FTA-funded rolling stock (buses and Handi-Vans) to include parts, labor, and other related expenses.</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	355	284	71	364	291	73	370	296	74	377	301	76	378	302	76	382	305	77	FTA \$5307/\$5340
<i>Estimated Total Project Cost - \$1,478,000 -- Capital improvement projects at various locations will provide safety and security aboard transit vehicles, and at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.</i>																				
OAHU : C&C OF HONOLULU - FTA TOTAL		908,706	309,883	598,823	876,637	284,639	591,998	528,353	178,389	349,964	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
FHWA FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			68,656		77,029		73,220		75,738		76,381		81,976							
BRIDGE OFF-SYSTEM			800		800		800		800		800		800							
STP ENHANCEMENT / TAP			7,468		2,960		0		0		0		0							
STP FLEXIBLE			13,720		15,300		18,200		6,500		8,990		5,250							
SECTION 1404 - (Safe Routes to School)			0		25		0		0		370		0							
HSIP (Highway Safety Improvement Program)			3,000		25		4,030		2,000		1,600		0							
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			586		4,826		0		0		0		0							
EARMARK - HIGH PRIORITY			2,200		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		96,717		101,252		96,537		85,325		88,428		88,313							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(2,786)		(4,826)		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		93,931		96,426		96,537		85,325		88,428		88,313							

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
HAWAII - STATE - FHWA																				
HS1. Bridge and Pavement Improvement Program, Hawaii	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$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>																				
HS2. Daniel K. Inouye Highway (RTE 200) Extension	PREROW				500	400	100													STP FLEXIBLE
Modern Mamalahoa Hwy (RTE 190) to Queen Kaahumanu Hwy (RTE 19)	ROW							8,500	6,800	1,700										
	PE2	8,000	6,400	1,600																
<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>																				
HS3. Guardrail and Shoulder Improvements, Various Locations	PE1												100	0	100					STP FLEXIBLE
	PE2												100	0	100					
	CON															1,400	1,120	280		
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS4. Hawaii Belt Road (RTE 11), Bridge Replacement	PE1				1,500	1,200	300													NHPP
SysPres Kolekole Stream Bridge	PE2							1,000	800	200										
	ROW										500	400	100							
	CON													15,000	12,000	3,000				
<i>Estimated Total Project Cost - \$18,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS5. Hawaii Belt Road (RTE 19), Bridge Replacement	PE1	1,500	1,200	300																NHPP
SysPres Wailuku Bridge	PE2				1,000	800	200													
	ROW							500	400	100										
	CON										25,000	20,000	5,000							
<i>Estimated Total Project Cost - \$30,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS6. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	ADVCON	0	4,000	(4,000)																NHPP
Safety Kaumoali Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge																				
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge</i>																				
HS7. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	CON				1,560	1,248	312													NHPP
Safety Kealakaha Bridge Towards Kaula Bridge																				
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																				
HS8. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	CON	1,560	1,248	312																NHPP
Safety Kaala Bridge Towards Kealakaha Bridge																				
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																				
HS9. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	CON										1,400	1,120	280							NHPP
Safety Kaawalii Gulch to Kuwaikahi Bridge																				
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaawalii Gulch to Kuwaikahi Bridge.</i>																				
HS10. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	CON							1,400	1,120	280										NHPP
Safety Kaula Bridge Towards Kaawalii Gulch																				
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaula Bridge towards Kaawalii Gulch.</i>																				
HS11. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements,	CON												1,400	1,120	280					NHPP
Safety Kuwaikahi Bridge to Kaaluu Bridge																				
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kuwaikahi Bridge to Kaaluu Bridge.</i>																				

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)		
HS12. Hawaii Belt Road (RTE 19), Seismic Retrofit, Kaholo Bridge SysPres	PE1	500	400	100																NHPP	
	PE2				500	400	100														
	CON							2,000	1,600	400											
<i>Estimated Total Project Cost - \$7,800,000 -- Retrofit interchange structures to meet current seismic standards.</i>																					
HS13. Kawaihae Road (RTE 19), Waiaka Stream Bridge Replacement and Realignment of Approaches SysPres	PREROW				50	40	10													NHPP	
	ROW							2,950	2,360	590											
	CON											12,000	9,600	2,400							
<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>																					
HS14. Keaau-Pahoa Road (RTE 130) Improvements, Keaau Bypass to Pahoa-Kapoho Road Modern	ROW	2,020	1,616	404																STP FLEXIBLE	
<i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic circulation and safety along Route 130.</i>																					
HS15. Kohala Mountain Road (RTE 250), Safety Improvements, MP 7.2 to MP 9.2, Phase 2 Safety	ROW	360	324	36																HSIP	
	CON				3,300	2,970	330														
<i>Estimated Total Project Cost - \$3,660,000 -- Scope includes, but is not limited to: Continuation of 2017 project to address recommended superelevation treatments along entire segment</i>																					
HS16. Mamalahoa Highway (RTE 11), Guardrail and Shoulder Improvements and Realignment, Naalehu to Honuapo Safety	CON				6,000	4,800	1,200													NHPP	
<i>Estimated Total Project Cost - \$7,000,000 -- Remove and replace deteriorated guardrail; realign the highway toward the mauka side of the road; reconstruct weakened pavement areas and repave existing roadway; install pavement markings; and replace signs.</i>																					
HS17. Mamalahoa Highway (RTE 190), Safety Improvements MP 17.0-20.8 and MP 21.3-26.2 Safety	CON							1,000	800	200										HSIP	
<i>Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders where possible; installation of guardrails where possible at drop-offs; widen shoulders where possible; pavement markings; and signing.</i>																					
HS18. Mamalahoa Highway (RTE 11), Safety Improvements MP 98.7-105.3 Safety	CON							1,000	800	200										HSIP	
<i>Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Milled rumble strips on centerline; Milled rumble strips /rumble edge strips on shoulders, and widen shoulders, where possible; drainage improvements; installation of in-lane rumble strips, RM-5 markers in existing guardrails, and flashing bacon where appropriate; guardrail or alternative where needed.</i>																					
HS19. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (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>																					
HAWAII : STATE - FHWA TOTAL		26,314	15,487	10,827	26,784	12,157	14,627	30,724	14,979	15,745	51,274	31,419	19,855	28,974	13,419	15,555	13,774	1,419	12,355		

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
COUNTY OF HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	ADVCON	0	3,000	(3,000)																STP FLEXIBLE
<i>Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																				
HC2. Bridge and Pavement Improvement Program SysPres	CON	4,375	3,500	875	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	STP FLEXIBLE
<i>Estimated Total Project Cost - \$24,375,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The current list of prioritized proposed projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other-related-links/stip/.</i>																				
HC3. Bridge Inspection and Appraisal SysPres	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>																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		4,375	6,500	(2,125)	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
		(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	
COUNTY OF HAWAII - FTA																				
HC4. Bus and Bus Facility	EQP	590	469	121	609	484	125	627	502	125	646	517	129							FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC5. Rural Transportation Program	OPR	2,298	1,149	1,149	2,368	1,184	1,184	2,440	1,220	1,220	2,514	1,257	1,257							FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	

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FHWA FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			6,848		8,488		6,280		31,120		13,120		0		0					
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0					
STP ENHANCEMENT/TAP			0		0		0		0		0		0		0					
STP FLEXIBLE			14,516		6,900		13,300		6,500		6,500		7,620		0					
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0		0					
HSIP (Highway Safety Improvement Program)			324		2,970		1,600		0		0		0		0					
NATIONAL RECREATIONAL TRAILS			299		299		299		299		299		299		0					
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0					
EQUITY BONUS			0		0		0		0		0		0		0					
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0					
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0		0					
EARMARK - SECTION 112			0		0		0		0		0		0		0					
EARMARK - SECTION 115			0		0		0		0		0		0		0					
EARMARK - SECTION 117			0		0		0		0		0		0		0					
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0		0					
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0					
DISCRETIONARY			0		0		0		0		0		0		0					
HIGHWAYS FOR LIFE			0		0		0		0		0		0		0					
FTA TRANSFER FUNDS			0		0		0		0		0		0		0					
IMD (NHPP Discretionary)			0		0		0		0		0		0		0					
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0					
	SUBTOTAL		21,987		18,657		21,479		37,919		19,919		7,919							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0		0					
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0					
REGULAR FORMULA AUTHORITY	TOTAL		21,987		18,657		21,479		37,919		19,919		7,919							

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MAUI - STATE - FHWA																					
MS SysPres	Bridge and Pavement Improvement Program, Maui	CON	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$88,800,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																					
<i>Yearly lump sum amounts represent total 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>																					
MS Safety	Guardrail and Shoulder Improvement Program at Various Locations, Maui																				STP FLEXIBLE
	Part 4	CON			1,000	800	200														
	Part 5	CON							4,000	3,200	800										
	Part 6	CON																4,000	3,200	800	
<i>Estimated Total Project Cost - \$10,000,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS SysPres	Hana Highway Bridge Preservation Program																				STP FLEXIBLE
	Phase 1	ROW	1,065	852	213																
	Phase 1A	CON							12,000	9,600	2,400										
	Phase 1B	CON											12,000	9,600	2,400						
	Phase 2	PE1											1,000	800	200						
		PE2															1,000	800	200		
<i>Estimated Total Project Cost - \$27,065,000 -- 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. Puohokomoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali. Bridges for Phase 2 will be prioritized at a later date.</i>																					
MS SysPres	Honoapiilani Highway (Route 30), Bridge Replacement, Honolulu Bridge																				NHPP
		ROW				104	83	21													
		CON				5,825	4,660	1,165													
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolulu Bay.</i>																					
MS Safety	Honoapiilani Highway Realignment	PE1											500	0	500						STP FLEXIBLE
	Olowalu to Papalaua Park																				
<i>Estimated Total Project Cost - \$150,000,000 -- Develop a two-lane alternative route mauka of Honoapiilani Highway outside of coastal hazard area and projected sea-level rise impact area.</i>																					
MS Safety	Honoapiilani Highway (Route 30), Rockfall Protection / Slope Stabilization, Vicinity of MP 10.33 to Vicinity of MP 10.44	CON																5,000	4,000	1,000	STP FLEXIBLE
<i>Estimated Total Project Cost - \$6,500,000 -- Develop implement appropriate rockfall mitigation along this section of highway.</i>																					
MS Safety	Kula Highway (Route 37) Safety Improvements, Aapueo Parkway to Omaopio Road	CON	900	810	90																HSIP
<i>Estimated Total Project Cost - \$ 1,000,000-- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; intersection improvements at various locations; pavement markings; signing.</i>																					

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
MS Enhance National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<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>																				
MS Safety North Kihei Road (Route 310) Safety Improvements, From Honoapiilani Highway to Piilani Highway	CON										1,800	1,620	180							HSIP
<i>Estimated Total Project Cost - \$2,000,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; left turn storage lane at MECO driveway; install additional traffic signal head and backplates at South Kihei Road; pavement markings; signing.</i>																				
MS. Modern Paia Relief Route	PE2													3,430	0	3,430				STP FLEXIBLE
	ROW													4,900	0	4,900				
	CON															49,000	0	49,000		
<i>Estimated Total Project Cost - \$90,000,000 -- Develop a two-lane mauka route of Hana highway to bypass the town of Paia.</i>																				
MS Enhance Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	CON	10,000	5,400	4,600																STP FLEXIBLE
	ADVCON				0	2,600	(2,600)													
<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>																				
MS Safety Shoreline Protection/Mitigation Program Various areas in Maui District	PE1	2,000	1,600	400							2,000	1,600	400							NHPP
	PE2									2,000	1,600	400								
	ROW										2,000	1,600	400							
	CON										5,000	4,000	1,000							
<i>Estimated Total Project Cost - \$ 15,000,000 -- Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Maui District Sub-Program.</i>																				
MOLOKAI																				
MS SysPres Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON				7,535	3,028	4,507													STP FLEXIBLE
	ADVCON							0	3,000	(3,000)										
<i>Estimated Total Project Cost - \$8,800,000 -- Construct detour road/bridge, demolish and build new bridge, relocate utilities, install pavement signing, striping and marking.</i>																				
MAUI : STATE - FHWA TOTAL		29,214	9,021	20,193	29,713	11,530	18,183	29,249	14,559	14,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC	Central Maui Traffic Signal Upgrades	PE2	270	0	270															STP FLEXIBLE
	Congest Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75)	CON			742	594	148													
	Wakea Ave (Rte 3920) & Alamaha St. (Rte 3945)																			
	Wakea Ave (Rte 3920) & Hooahana St																			
	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 - \$1,012,000 -- The project will upgrade nine (9) 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>																			
MC	Guardrail and Shoulder Improvements, Various Locations																			STP FLEXIBLE
	Safety Phase 1 - Haliimaile Road (Route 371),	CON	1,531	1,225	306															
	Haleakala Highway (Route 37) to Baldwin Ave (Route 390)																			
	MP 0-MP 2.62																			
	<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>																			
MC	Hana Highway (RTE 360), Bridge Rehabilitation,	DES			900	0	900													STP FLEXIBLE
	SysPres Waikakoi Bridge (MP 45.42)	CON							6,000	4,800	1,200									
	<i>Estimated total project cost - \$6,900,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																			
MC	Hana Highway (Route 3700), Bridge Replacement,	CON			5,733	4,586	1,147													STP FLEXIBLE
	SysPres Kahawaiokapia Bridge, MP 36.61																			
	<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>																			
MC	Hana Highway (Route 3700), Bridge Replacement,	PE2	750	0	750															STP FLEXIBLE
	SysPres Mahalawa Bridge, MP 43.29	CON						6,000	4,800	1,200										
	<i>Estimated total project cost - \$6,750,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																			
MC	Kanaloa Avenue (Route 3420, MP 0-MP 0.9),	PE2	300	0	300															STP FLEXIBLE
	SysPres Mahalani Street / Maui Lani Parkway / Wainiu Road	CON						4,163	3,330	833										
	(Route 3231, MP 0-MP 1.18) Resurfacing,																			
	Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)																			
	<i>Estimated Total Project Cost - \$4,463,000 -- 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>																			
MC	Kaupakalua Road (Route 365) Pavement Rehabilitation	CON	7,934	6,347	1,587															STP FLEXILE
	Phase 1 - Kokomo Road to East Kuiaha Road																			
	Phase 2 - East Kuiaha Road to Hana Highway																			
	<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>																			
MC	Kihei North-South Collector Road (Route 3115, MP 1.21-MP 1.99)	PE2	1,500	0	1,500															STP ENHANCEMENT
	Modern	ROW			250	0	250													
	Phase 1 - Kulanihakai St to Namaau Place	CON											21,021	8,817	12,204					
		ADVCON														0	8,000	(8,000)		
	<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																			

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
MC SysPres Lower Honoapiilani Road (Route 3080), Bridge Replacement, Kahana Nui Bridge, MP 2.40	CON				3,647	2,918	729													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>																				
MC SysPres Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	PE1				250	0	250													STP FLEXIBLE
	PE2							300	0	300										
	CON												6,263	5,010	1,253					
<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>																				
MC SysPres Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	PE2												300	0	300					STP FLEXIBLE
	CON															5,101	4,081	1,020		
<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>																				
MC SysPres Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	PE2				175	0	175													STP FLEXIBLE
	CON							3,500	2,800	700										
<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>																				
MC Enhance Makawao Avenue (Route 365, MP 1.5-MP 1.7) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW							750	0	750										STP FLEXIBLE
	CON										2,628	2,102	526							
<i>Estimated Total Project Cost - \$3,378,000 -- 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>																				
MC SysPres Mill Street (Route 3840???) Pavement Reconstruction N. Market Street to E. Main Street	PE2	300	0	300																STP FLEXIBLE
	CON				4,000	3,200	800													
<i>Estimated Total Project Cost - \$4,300,000 -- Reconstruction of the existing roadway pavement; adjusting existing manholes, valves, and street monuments; repairing drainlines as required; addressing accessibility issues; installing pavement striping and marking; and replacing existing signage.</i>																				
MC Congest Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	PE2	200	0	200																STP FLEXIBLE
	CON				1,546	1,237	309													
<i>Estimated Total Project Cost - \$1,764,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC SysPres Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	CON	4,400	3,520	880																STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,400,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC Congest Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Waihee Street (Route 3015, MP 0.3-MP 0.34)	CON	1,837	1,470	367																STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,837,225-- Removal of existing traffic signal system. Installation of a new signal system including controller, video detection, communication hardware, updated phasing and timing, resurfacing of the intersection's functional area, ADAAG related improvements.</i>																				
MC SysPres South Kihei Road Pavement Reconstruction	PE2				250	0	250													STP FLEXIBLE
	CON							2,500	2,000	500										
<i>Estimated Total Project Cost - \$2,500,000 - Reconstruction of the existing roadway pavement from Uilani Street to Auhana Road.</i>																				
MC Enhance Transportation Alternative Program (TAP) Papa Avenue Complete Street Improvements Waiale Road Complete Street Improvements	CON	2,250	1,800	450																TAP
	CON	1,750	1,400	350																
<i>Estimated Total Project Cost - \$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process.</i>																				
MC Congest Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18)	PE1	150	0	150																STP FLEXIBLE
	PE2	150	0	150																
	ROW				100	0	100													
	CON							2,290	1,832	458										
<i>Estimated Total Project Cost - \$2,690,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies or other evaluated and selected alternative. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
MC Congest Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	PE2	260	0	260																STP FLEXIBLE
	CON										2,733	2,186	547							
<i>Estimated Total Project Cost - \$2,993,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA TOTAL		23,582	15,762	7,820	17,593	12,535	5,058	19,503	14,762	4,741	32,382	17,905	14,477	6,563	13,010	(6,447)	5,101	4,081	1,020	

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COUNTY OF MAUI - FTA																					
MC Transit	Bus and Bus Facility (Rural)	EQP	438	350	88	438	350	88	451	361	90	465	372	93	479	383	96	494	395	99	FTA SECTION 5339 (Bus and Bus Facilities Prgm-Rural)
<i>Estimated Total Project Cost - \$3,390,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																					
MC Transit	Bus and Bus Facility (Small Urban)	EQP	394	315	79	401	321	80	414	331	83	426	341	85	439	351	88	452	362	90	FTA SECTION 5339 (Bus and Bus Facilities Prgm-Small Urban)
<i>Estimated Total Project Cost - \$3,376,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																					
MC Transit	Non Urbanized Area Program	OPR	1,042	521	521	1,074	537	537	1,106	553	553	1,140	570	570	1,174	587	587	1,210	605	605	FTA SECTION 5311
<i>Estimated Total Project Cost - \$8,744,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																					
MC Transit	Urbanized Area - Kahului	PLN/EQP/OPR	2,714	2,171	543	2,746	2,197	549	2,829	2,263	566	2,914	2,331	583	3,001	2,401	600	3,091	2,473	618	FTA SECTION 5307 - Kahului (pop. 50,000 - 199,999)
<i>Estimated Total Project Cost - \$ -- 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>																					
MC Human	Transportation Assistance for Elderly and Disabled	EQP	338	270	68	348	278	70	358	286	72	369	295	74	380	304	76	391	313	78	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,962,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Small-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																					
MAUI : COUNTY OF MAUI - FTA TOTAL			4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	

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FHWA FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			1,600		4,743		1,600		7,200		0		1,600							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT/TAP			3,200		0		0		0		0		0							
STP FLEXIBLE			18,814		18,963		27,362		21,105		23,410		12,081							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			810		0		0		1,620		0		0							
NATIONAL RECREATIONAL TRAILS			359		359		359		359		359		359							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		24,783		24,065		29,321		30,284		23,769		14,040							
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		24,783		24,065		29,321		30,284		23,769		14,040							

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
KAUAI - STATE - FHWA																				
KS1. Bridge and Pavement Improvement Program, Kauai	CON	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	CON																			STP FLEXIBLE
Part 5	PE1																			
	PE2	50	0	50																
	CON	2,000	1,600	400																
Part 6	PE				500	0	500													
	CON							2,000	1,600	400										
Part 7	PE									500	0	500								
	CON											2,000	1,600	400						
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS3. Kapule Highway / Rice Street / Waapa (RTE 51) Road Improvements and Nawiliwili Bridge Replacement	ROW																			NHPP
	CON				6,000	4,800	1,200													
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																				
KS4. Kaunualii Highway (RTE 50), Bridge Rehabilitation Hanapepe Bridge Phase 2 - Bridge work	CON																			STP FLEXIBLE
<i>Estimated Total Project Cost - \$35,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS5. Kaunualii Highway (RTE 50), Bridge Replacement Omao Bridge	CON							15,000	6,000	9,000										STP FLEXIBLE
	ADVCON										0	6,000	(6,000)							
<i>PE10 ext deadline 3-3-19. Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS6. Kuhio Highway (RTE 56), Bridge Replacement Kapaia Bridge	ROW																			NHPP
	CON				11,275	1,020	10,255													
	ADVCON							0	8,000	(8,000)										
<i>Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																				
KS7. Kuhio Highway (RTE 560), Bridge Rehabilitation Wainiha Stream Bridges #1, #2, #3 Phase 2 - Bridge work	CON	30,000	24,000	6,000																STP FLEXIBLE
<i>Oct OSR: 95% design, all UA outstanding. Estimated Total Project Cost - \$25,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS8. Kuhio Highway (RTE 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges	ROW	630	504	126																STP FLEXIBLE
Phase 2 - Bridge work	CON							12,000	9,600	2,400										
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				

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PROJECT	PHASE	FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FFY2021 (Oct 1, 21 - Sep 30, 21)			FFY2022 (Oct 1, 22 - Sep 30, 22)			FFY2023 (Oct 1, 23 - Sep 30, 23)			FFY2024 (Oct 1, 24 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
KS9. SysPres Kuhio Highway (RTE 56), Bridge Repair, Hanalei Bridge <i>Estimated Total Project Cost - \$6,500,000 - Replace remove and replace deteriorated steel as well as the deteriorated paint system on this historic bridge.</i>	CON																6,000	4,800	1,200	NHPP
KS10. SysPres Wailua River Bridge <i>Estimated Total Project Cost - \$4,500,000 - Replace deteriorated steel supports and all bearing areas of the bridge. Replace deteriorated concrete as well as bearings.</i>	CON																4,000	3,200	800	NHPP
KS11. SysPres Kalihiwai Bridge <i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>	ADVCON	0	6,400	(6,400)	0	3,000	(3,000)													STP FLEXIBLE
KS12. Modern Kuhio Highway (RTE 56) Improvements, Kapaa Solutions (Priority #2), Vicinity of Kapule Highway to Vicinity of Wailua Bridge <i>Estimated Total Project Cost - \$45,000,000 - The purpose of this project is to reduce congestion and improve mobility in the Kapaa area.</i>	PE1				750	600	150													STP FLEXIBLE
	PE2							1,125	900	225										
	ROW										18,200	14,560	3,640							
	CON													21,500	17,200	4,300				
KS13. Congest Kuhio Highway (Route 56), Short Term Improvements, Kuamoo Road to Temporary Bypass Road <i>Estimated Total Project Cost - \$20,000,000 - Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accomodate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.</i>	ADVCON	0	6,000	(6,000)	0	6,700	(6,700)													NHPP
KS14. Congest Kuhio Highway (RTE 56) Traffic Signal Optimization and Intersection Improvements, Kapaa Solutions (Priority #3) <i>Estimated Total Project Cost - \$2,000,000 - Improve intersection operations in order to provide additional capacity.</i>	ROW																			STP FLEXIBLE
	CON				1,480	1,184	296													
KS15. Enhance National Recreational Trails Program - Kauai (DLNR) <i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
KS16. Safety Waimea Canyon Drive/Kokee Road Improvements Phase 2A (MP 4-8) <i>Estimated Total Project Cost - \$5,500,000 - Improvements include constructing paved shoulders, installing guardrails, pavement markings, signs and other improvements.</i>	CON										5,000	4,000	1,000							STP FLEXIBLE
KAUAI - STATE - FHWA TOTAL		41,494	38,755	2,739	28,819	17,555	11,264	38,939	26,351	12,588	32,514	24,811	7,703	32,314	19,051	13,263	18,814	8,251	10,563	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
COUNTY OF KAUAI - FHWA																				
KC1. Anini Bridge #2 Replacement	DES				500	0	500													STP FLEXIBLE
	CON																			
<i>Estimated Total Project Cost - \$3,500,000 -- Replace existing double box culvert and temporary one-lane precast panel bridge with a new structure. Demolish existing bridge, construct temporary bypass bridge, construct new two-lane bridge and possibly paved shoulders; relocate utilities.</i>																				
KC2. Bridge Inspection and Appraisal	OPR				125	100	25				125	100	25				125	100	25	STP FLEXIBLE
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																				
KC3. Haleko Road (Route 5040) Improvements	DES							400	0	400										STP FLEXIBLE
	CON																3,000	2,400	600	
<i>Estimated Total Project Cost - \$3,400,000 -- Project Limits are full length of Haleko Road; Resurface and Reconstruct pavement as needed; widen roadway to construct on-road bike lanes, construct a sidewalk on one side of the road where no sidewalk exists; add crosswalks as needed to service new sidewalk; add/improve turn lanes as needed.</i>																				
KC4. Hanapepe Road (Rte 545) Resurfacing	CON				3,900	3,120	780													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>																				
KC5. Improvements to Maluhia Rd. (RTE 520) and Koloa Rd. (RTE 530)	ADVCON	0	4,200	(4,200)																STP FLEXIBLE
<i>Estimated Total Project Cost - \$13,000,000 -- Part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and Koloa Road, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening these roads, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																				
KC6. Kamalu Road (Route 581) Improvements	DES										900	0	900							STP FLEXIBLE
	CON																6,000	4,800	1,200	
<i>Estimated Total Project Cost - \$6,900,000 -- Resurface pavement (and Reconstruct as needed) the full length of Kamalu Road; widen roadway to provide paved shoulders, 5 feet wide where feasible; replace one-lane bridge at Kalama Stream with a two-lane bridge with appropriate bridge railing and approach guardrail; construct other safety improvements.</i>																				
KC7. Kawaihau Road (Route 5860) Improvements	DES							600	0	600										STP FLEXIBLE
	CON																5,000	4,000	1,000	
<i>Estimated Total Project Cost - \$5,600,000 -- Project Limits are from Hauaala Road to Ka'apuni Road and Kapahi Park - The project includes construction of the following: pavement resurfacing and reconstruction; widened and/or new sidewalks; shoulder widening; intersection improvements including left turn lanes and crosswalks.</i>																				
KC8. Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Mailihuna Road (Route 5870), Complete Street & Safety Improvements	CON	3,183	2,546	637																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>																				
KC9. Kekaha Road (Route 551) Improvements	DES							800	0	800										STP FLEXIBLE
	CON												5,000	4,000	1,000					
<i>Estimated Total Project Cost - \$5,800,000 -- Project Limits Kaunualii Highway to Amakihi Street -- Resurface pavement (and Reconstruct as needed); construct shared use path on mauka side (1.8 miles); reconstruct broken sidewalks and add additional sidewalks on the makai side.</i>																				
KC10. Kilauea Road and Kolo Road (Route 562) Resurfacing and Multi-Modal Access	PE2	350	0	350																STP FLEXIBLE
	CON							9,000	7,200	1,800										
<i>Estimated Total Project Cost - \$9,680,000 -- The project includes construction of the following: pavement resurfacing and reconstruction; new sidewalks and sidewalk repair; new crosswalks; widening and extension of a shared use path; shoulder widening; intersection improvements including a mini-roundabout at the Kolo Road/Kilauea Road intersection.</i>																				

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
		(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	(x\$100)	
COUNTY OF KAUAI - FTA																				
KC17. Bus and Bus Facility	EQP	590	469	121	609	484	125	627	502	125	646	517	129							FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC18. Rural Transportation Program	OPR	2,298	1,149	1,149	2,368	1,184	1,184	2,440	1,220	1,220	2,514	1,257	1,257							FTA SECTION 5311(b)(3)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			6,000		12,520		8,000		0		0		0		0		0		0	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
STP ENHANCEMENT/TAP			1,291		2,019		0		6,657		9,102		4,500		0		0		0	
STP FLEXIBLE			42,050		14,964		28,564		29,231		25,600		21,700		0		0		0	
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0		0		0		0	
HSIP (Highway Safety Improvement Program)			0		0		0		0		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251		0		0		0	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
EQUITY BONUS			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0		0		0		0	
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0		0		0	
DISCRETIONARY (TIGER 2015)			0		0		0		0		0		0		0		0		0	
HIGHWAYS FOR LIFE			0		0		0		0		0		0		0		0		0	
IMD (NHPP Discretionary)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		49,592		29,754		36,815		36,139		34,953		26,451							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0						0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0						0	
REGULAR FORMULA AUTHORITY	TOTAL		49,592		29,754		36,815		36,139		34,953		26,451							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FTA SUMMARY																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		834	667	167	859	687	172	883	707	176	910	728	182	939	751	188	968	774	194	
C&C OF HONOLULU		908,706	309,883	598,823	876,637	284,639	591,998	528,353	178,389	349,964	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	
COUNTY OF HAWAII		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
MAUI, STATE		29,214	9,021	20,193	29,713	11,530	18,183	29,249	14,559	14,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	
COUNTY OF MAUI		4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	
COUNTY OF KAUAI		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
FTA TOTAL		950,091	327,014	623,077	918,828	304,475	614,353	571,017	201,961	369,056	92,735	56,402	36,333	94,114	51,673	42,441	133,969	51,323	82,646	

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T Financially UNconstrained
Revision Effective Date: March 23, 2018

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA SUMMARY																				
STATEWIDE		53,845	23,765	30,080	54,765	24,521	30,244	50,495	21,065	29,430	50,945	19,945	31,000	43,395	15,465	27,930	45,095	12,745	32,350	
Oahu - State		135,989	79,531	56,458	140,799	79,401	61,398	79,060	79,537	(477)	90,720	78,025	12,695	98,933	78,268	20,665	152,720	82,263	70,457	
City and County of Honolulu		27,596	17,186	10,410	83,102	21,851	61,251	72,249	17,000	55,249	35,131	7,300	27,831	65,749	10,160	55,589	26,566	6,050	20,516	
ISLAND OF OAHU		163,585	96,717	66,868	223,901	101,252	122,649	151,309	96,537	54,772	125,851	85,325	40,526	164,682	88,428	76,254	179,286	88,313	90,973	
Hawaii - State		26,314	15,487	10,827	26,784	12,157	14,627	30,724	14,979	15,745	51,274	31,419	19,855	28,974	13,419	15,555	13,774	1,419	12,355	
County of Hawaii		4,375	6,500	(2,125)	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	
ISLAND OF HAWAII		30,689	21,987	8,702	34,909	18,657	16,252	38,849	21,479	17,370	59,399	37,919	21,480	37,099	19,919	17,180	21,899	7,919	13,980	
Maui - State		29,214	9,021	20,193	29,713	11,530	18,183	29,249	14,559	14,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	
County of Maui		23,582	15,762	7,820	17,593	12,535	5,058	19,503	14,762	4,741	32,382	17,905	14,477	6,563	13,010	(6,447)	5,101	4,081	1,020	
ISLAND OF MAUI		52,796	24,783	28,013	47,306	24,065	23,241	48,752	29,321	19,431	62,431	30,284	32,147	43,642	23,769	19,873	81,350	14,040	67,310	
Kauai - State		41,494	38,755	2,739	28,819	17,555	11,264	38,939	26,351	12,588	32,514	24,811	7,703	32,314	19,051	13,263	18,814	8,251	10,563	
County of Kauai		11,824	10,837	987	12,144	12,199	(55)	15,180	10,464	4,716	13,396	11,328	2,068	17,602	15,902	1,700	21,625	18,200	3,425	
ISLAND OF KAUAI		53,318	49,592	3,726	40,963	29,754	11,209	54,119	36,815	17,304	45,910	36,139	9,771	49,916	34,953	14,963	40,439	26,451	13,988	
FHWA TOTAL		354,233	216,844	137,389	401,844	198,249	203,595	343,524	205,217	138,307	344,536	209,612	134,924	338,734	182,534	156,200	368,069	149,468	218,601	

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			95,304		114,980		103,100		126,458		97,901							86,376		
BRIDGE OFF-SYSTEM			800		800		800		800		800							800		
STP ENHANCEMENT/TAP			13,799		6,819		1,840		8,497		10,942							6,340		
STP FLEXIBLE			94,310		60,813		88,136		64,046		65,210							47,361		
SECTION 1404 - (Safe Routes to School)			1,500		1,525		1,500		1,500		1,870							1,500		
HSIP (Highway Safety Improvement Program)			6,884		7,025		8,380		6,850		4,350							5,630		
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			586		4,826		0		0		0							0		
EARMARK - HIGH PRIORITY			2,200		0		0		0		0							0		
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0							0		
STSFA GRANTS			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		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		216,844		198,249		205,217		209,612		182,534							149,468		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(3,051)		(5,091)		(265)		(265)		(265)							(265)		
LESS FTA TRANSFER FUNDS			0		0		0		0		0							0		
REGULAR FORMULA AUTHORITY	TOTAL		213,793		193,158		204,952		209,347		182,269							149,203		

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