

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) Approved
Revision Effective Date: October 4, 2018

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FFY – Federal Fiscal Year, PLN – Planning, PE1 – Preliminary Design, PE2 – Final Design, PREROW – Preliminary Right-of-Way, ROW – Right-of-Way, CON – Construction, ADVCON – Advance Construction, INSP – Inspection, EQP – Equipment, OPR – Operations, RELOC – Relocation, UTL – Utilities

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)	
STATEWIDE - FHWA																				
S1. Enhance	Bikeway Improvements at Various Locations, Statewide																			STP FLEXIBLE
	PE1										100	80	20							
	PE2										200	160	40							
	ROW													50	0	50				
	CON																500	400	100	
Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.																				
S2. SysPres	Bridge Inspection and Appraisal																			NHPP
	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	
Estimated Total Project Cost - \$21,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.																				
S3. Human	Construction Career Days Workforce Development Program																			STP FLEXIBLE
	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	
Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.																				
S4. SysPres	Highway Research and Development Program																			STP FLEXIBLE
	PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	
Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.																				
S5. Safety	Highway Safety Improvement Program (HSIP), Infrastructure Funding Program																			HSIP
	PE1	100	80	20				100	80	20				100	80	20				
	PE2	300	240	60				300	240	60				300	240	60				
	CON				2,000	1,600	400				1,000	800	200				4,000	3,200	800	
Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.																				
S6. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program																			HSIP
	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	
Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																				
S7. SysPres	Highway Shoreline Protection, Statewide																			STP FLEXIBLE
	PE1				50	0	50							50	0	50				
	PE2							150	0	150							150	0	150	
	CON	2,000	0	2,000							2,000	0	2,000							
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																				
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations																			STP FLEXIBLE
	PE1							130	104	26										
	PE2							70	56	14										
	CON										1,000	800	200							
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.																				
S9. Modern	Federal Lands Highway Access Discretionary Program																			FED LANDS HWY DISCRETIONARY
	PE/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	
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.																				

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S10. Safe Routes to School (SRTS) Program, Non-infrastructure Safety Safe Routes to School (SRTS) Program, Infrastructure	PE	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	SAFE ROUTES TO SCHOOL SAFE ROUTES TO SCHOOL	
	PE/CON	255	255	0	255	255	0	255	255	0	660	660	0	255	255	0	255	255	0		
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.																					
S11. SNIPP - Statewide Noxious Invasive Pest Program Enhance	OPR	3,100	2,480	620	820	656	164													STP FLEXIBLE	
Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																					
S12. Statewide Highway Lighting and Traffic Signal Upgrade Program Safety	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.																					
S13. Statewide Signing, Striping and Pavement Marking Program SysPres	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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																					
S14. Statewide Guardrail and Shoulder Improvement Program SysPres	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	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		
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S15. Structural Countermeasures for Scour Critical Bridges, Tier 1 Structural Countermeasures for Scour Critical Bridges, Tier 2	PE1	500	400	100																NHPP	
	PE2				500	400	100														
	CON							2,000	1,600	400											
	PE1							750	600	150											
	PE2																				
	CON										750	600	150								
														3,000	2,400	600					
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.																					
S16. Technology Transfer and Technical Assistance Program Modern	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE	
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17. Traffic Counting Stations, Various Locations Modern	CON				2,500	500	2,000													STP FLEXIBLE	
	ADVCON							0	1,500	(1,500)											
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																					
S18. Transportation Alternative Program Enhance	PE/CON	2,100	1,680	420				550	440	110	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP	
Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.																					
STATEWIDE - FHWA TOTAL			51,985	20,545	31,440	49,755	18,821	30,934	47,935	20,285	27,650	51,640	20,350	31,290	42,435	14,425	28,010	44,585	12,105	32,480	

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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)
Human																				
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.																				
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
Human																				
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
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
Human																				
Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
Transit																				
Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			12,200			12,200			14,000			12,400			8,400			2,800		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT / TAP			1,680			0			440			1,840			1,840			1,840		
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			3,310			1,986			2,490			1,870			830			1,230		
SECTION 1404 - (Safe Routes to School)			340			340			340			745			340			340		
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		
FLAP (Federal Lands Access Program)			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			20,545			18,821			20,285			20,350			14,425			12,105		
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	20,280			18,556			20,020			20,085			14,160			11,840		

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OAHU : 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	
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/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																					
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)					
Estimated Total Project Cost - \$41,920,000 -- Rehabilitate bridges.																					
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)					
Estimated Total Project Cost - \$67,055,000 -- Replace bridges.																					
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					
Estimated Total Project Cost - \$4,861,000 -- Seismic Retrofit of bridges.																					
OS12 SysPres	Destination Sign, Upgrade/Replacement																			NHPP	
	Destination Sign, Upgrade/Replacement, Phase II	ADVCON	0	1,000	(1,000)																
	Destination Sign, Upgrade/Replacement, Phase III	CON				7,000	5,600	1,400													
	Destination Sign, Upgrade/Replacement, Phase IV	PE1						550	440	110											
		PE2									800	640	160								
		CON												10,000	6,000	4,000					
		ADVCON															0	2,000	(2,000)		
	Destination Sign, Upgrade/Replacement, Phase V	PE1									300	270	30								
		PE2												450	405	45					
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.																					
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)											
Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS4 SysPres	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A																			NHPP	
		CON				22,200	760	21,440													
		ADVCON						0	5,000	(5,000)	0	12,000	(12,000)								
Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope incudes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.																					
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)											
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.																					

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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)		
OS5 Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78)																			NHPP	
	Freeway Management System, 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)													
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3	PE2				740	592	148													
		CON							10,302	4,000	6,302										
		ADVCON										0	1,242	(1,242)	0	3,000	(3,000)				
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 4	PE1							800	640	160										
		PE2										1,200	960	240							
		CON																20,000	8,000		12,000
	ADVCON																				
Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 5	PE1													200	180	20					
	PE2																300	270	30		
Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.																					
OS57 Congest	Freeway Management System, 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
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.																					
OS9 Congest	Freeway Service Patrol	OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																					
OS10 Safety	Guardrail and Shoulder Improvements, Various Locations																			HSIP	
	Guardrail and Shoulder Improvements, Various Locations, Phase 2	PE1	177	0	177																
		PE2				100	0	100													
		CON							2,000	1,600	400										
Guardrail and Shoulder Improvements, Various Locations, Phase 3	PE1							170	0	170											
	PE2										100	0	100								
		CON												2,000	1,600	400					
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.																					
OS11 Congest	ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
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.																					
OS59 Modern	Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	PE2				1,500	1,200	300												NHPP	
		ROW									500	400	100								
Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.																					
OS14 Safety	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	CON	11,500	500	11,000															NHPP	
		ADVCON				0	3,700	(3,700)	0	5,000	(5,000)										
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.																					
OS16 SysPres	Interstate Route H-1, Highway Lighting Improvements, 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	
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.																					

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OS67 SysPres Interstate Route H-1 , Reconstruction and Repair, Eastbound, Waimalu Interchange to Halawa	ADVCON	0	24,000	(24,000)	0	12,000	(12,000)	0	9,000	(9,000)										NHPP
	Estimated Total Project Cost - \$93,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.																			
OS20 Safety Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) to Waiawa Overpass	ADVCON	0	3,000	(3,000)																HSIP
	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.																			
OS74 SysPres Interstate Route H-1, Seismic Retrofit, McCully Street Separation	PE1										286	229	57							NHPP
	PE2													429	343	86				
	CON																2,440	1,952	488	
	Estimated Total Project Cost - \$3,155,000 -- Retrofit interchange structures to meet current seismic standards.																			
OS70 SysPres Interstate Route H-1, Seismic Retrofit, Waialae Viaduct	PE1							664	531	133										NHPP
	PE2										1,000	800	200							
	CON													6,100	1,880	4,220				
	ADVCON																0	3,000	(3,000)	
Estimated Total Project Cost - \$7,764,000 -- Retrofit interchange structures to meet current seismic standards.																				
OS22 SysPres 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)				
Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.																				
OS26 SysPres Kalaniana'ole Highway (Route 72) Resurfacing, Poalima Street to Huli Street	CON	4,250	1,400	2,850																NHPP EARMARK - HIGH PRIORITY NHPP
	CON	2,750	2,200	550																
	ADVCON				0	2,000	(2,000)													
	Estimated Total Project Cost - \$7,500,000 -- Roadway resurfacing of Kalaniana'ole Highway from Poalima Street to Huli Street.																			
OS28 SysPres 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)				
	Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.																			
OS29 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge	CON	9,200	360	8,840																NHPP
	ADVCON				0	2,000	(2,000)	0	5,000	(5,000)										
	Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																			
OS31 SysPres 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)				
	Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.																			

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OS71 SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation, Paumalu Bridge	PE1						1,000	800	200										NHPP
	PE2										400	320	80							
	ROW													560	448	112				
	CON															10,000	4,000	6,000		
Estimated Total Project Cost - \$11,960,000 -- Rehabilitate the existing bridge.																				
OS32 SysPres	Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge	CON	35,000	600	34,400															NHPP
	ADVCON				0	10,000	(10,000)	0	5,600	(5,600)	0	11,800	(11,800)							
Estimated Total Project Cost - \$37,000,000 -- Replace the existing bridge.																				
OS34 SysPres	Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Bridge	ROW	585	468	117															NHPP
	CON				15,000	1,000	14,000													
	ADVCON							0	6,500	(6,500)	0	4,500	(4,500)							
Estimated Total Project Cost - \$17,300,000 - replace the existing bridge																				
OS72 SysPres	Kamehameha Highway (Route 83), Bridge Replacement, Waimanana Bridge	PE1						650	520	130										NHPP
	PE2										930	744	186							
	ROW													740	592	148				
	CON															9,200	7,360	1,840		
Estimated Total Project Cost - \$11,520,000 -- Replace the existing bridge.																				
OS36 SysPres	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	ROW	1,030	824	206															NHPP
	CON							9,700	760	8,940										
	ADVCON										0	5,000	(5,000)	0	2,000	(2,000)				
	Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																			
OS61 SysPres	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaihoa Beach	ADVCON	0	220	(220)	0	2,000	(2,000)												NHPP
	PREROW				50	40	10													
	ROW										1,000	800	200							
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.																				
OS75 Safety	Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay	PE2				900	720	180												NHPP
	PREROW							50	40	10										
	ROW										500	400	100							
	Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay -- Haleiwa	CON									10,000	2,000	8,000							
	ADVCON													0	6,000	(6,000)				
	Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay -- Sunset Beach	CON															8,000	6,400	1,600	
Estimated Total Project Cost - \$19,450,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																				
OS41 Enhance	Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON	6,600	280	6,320															NHPP
	ADVCON				0	4,000	(4,000)	0	1,000	(1,000)										
	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.																			
OS43 Enhance	Leeward Bikeway - Philippine Sea Road to Waipahu Depot Street	ADVCON	0	5,388	(5,388)	0	2,000	(2,000)												ENHANCEMENT
	Estimated Total Project Cost - \$11,000,000 -- Improve/build bikeway/bike path from Phillipine Sea Road to Waipahu Depot Street.																			
OS73 Safety	Likelike Highway (Route 63), Safety Improvements, Emmeline Place to Kahekili Highway	CON						2,700	430	2,270										HSIP
	ADVCON										0	2,000	(2,000)							
Estimated Total Project Cost - \$3,000,000 -- Scope 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.																				

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OS46 SysPres	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	
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).																					
OS45 SysPres	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	
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).																					
OS44 Safety	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)								
Estimated Total Project Cost - \$11,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																					
OS62 SysPres	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83)																			NHPP	
	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83), Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waokanaka St. to Kamehameha Hwy.	ADVCON	0	11,000	(11,000)	0	10,000	(10,000)													
	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83), Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St	CON	18,000	1,400	16,600																
		ADVCON				0	6,000	(6,000)	0	7,000	(7,000)										
Estimated Total Project Cost -- \$96,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.																					
OS49 Enhance	Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.																					
OS52 Safety	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	CON	5,200	4,160	1,040															NHPP	
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.																					
OS79 Safety	Shoreline Protection/Mitigation Program, Various Locations on Oahu																			NHPP	
	Shoreline Protection/Mitigation Program, Various Locations on Oahu, Tier 1 (short-term) Locations	ROW				500	400	100			500	400	100								
		CON				2,000	1,600	400			2,000	1,600	400								
	Shoreline Protection/Mitigation Program, Various Locations on Oahu, Tier 2 (mid/long term) Locations	PE1							2,000	600	1,400										
		ADVCON(PE)									0	1,000	(1,000)								
		PE2									4,000	3,200	800								
		ROW																			
		CON												2,000	1,600	400					
		ADVCON															15,000	7,000	8,000		
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.																					
OS63 Modern	Traffic Counting Stations, Various Locations	CON				2,575	60	2,515												STP FLEXIBLE	
		ADVCON							0	2,000	(2,000)										
Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.																					
OAHU : STATE - FHWA TOTAL			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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OAHU : STATE - FTA																				
OS50. Human 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
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.																				
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
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.																				
OAHU : 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\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transportation Management Center Safety	DES	500	0	500																STP FLEXIBLE
	INSP	1,500	0	1,500																STP FLEXIBLE
	EQP	250	200	50	250	200	50										375	300	75	
	OPR	500	400	100	500	400	100	463	370	93	475	380	95	488	390	98	500	400	100	
	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.																			
OC2. Bikeway Improvements Program Enhance	ROW	1	0	1																STP FLEXIBLE
	PE1	300	240	60																
	PE2				125	100	25													
	ROW	1	0	1																
	PE1	300	240	60																
	PE2				125	100	25													
	ROW				1	0	1													
	CON				1,000	800	200													
	PE1				300	240	60													
	PE2																			
	PE1							125	100	25										
	PE1							300	240	60										
	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.																			
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
	Estimated Total Project Cost - \$4,000,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.																			
OC4. Computerized Traffic Control System Congest	PE2	250	200	50																STP FLEXIBLE
	CON				3,800	3,000	800													
	EQP				100	0	100													
	PE1	250	200	50																
	PE2				315	250	65													
	CON							3,800	3,000	800										
	EQP							100	0	100										
	PE1							315	250	65										
	PE2										190	150	40							
	CON													3,800	3,000	800				
	EQP													100	0	100				
	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.																			
	OC27. Farrington Highway (Routes 7100 and 9107) Improvements Modern	ROW				15,000	0	15,000	15,000	0	15,000									
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	53,000	19,000	0	19,000	
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.																				
OC29 Federal Lands Access Program (FLAP) Enhance																				FEDERAL LANDS ACCESS PROGRAM
	PE2	733	586	147																
	CON				6,033	4,826	1,207													
	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.																			

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OC28. Enhance Safe Routes to School Program (SRTS), Kailua Bike Boulevard																				SAFE ROUTES TO SCHOOL
	PE2				25	25	0													
	CON												300	300	0					
	INSP												70	70	0					
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.																				
OC23. Modern Salt Lake Boulevard Widening, 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													
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 Liliko'i Streets.																				
OC8. Safety Traffic Improvements at Various Locations																				STP FLEXIBLE
	Traffic Improvements at Various Locations, Kalaheo Avenue/Kailua Road	ROW	106	85	21															
		CON	1,590	1,272	318															
		INSP	265	212	53															
	Traffic Improvements at Various Locations, Mahoe and Waipahu Streets	CON				2,500	2,000	500												
	Traffic Improvements at Various Locations, Kailua Road/Wanaao Road Intersection Improvements	PE1	300	240	60															
		PE2				125	100	25												
		CON							1,250	1,000	250									
	Traffic Improvements at Various Locations, Kalakaua Shared Use Crossing	PE1	200	160	40															
		PE2				125	100	25												
		CON							1,250	1,000	250									
	Traffic Improvements at Various Locations, Manager's Drive/ Hiapa Street Intersection Improvements	PE1				400	320	80												
	PE2							125	100	25										
	CON																			
Traffic Improvements at Various Locations, TBD - DES 2021	PE1							400	320	80										
	PE2										125	100	25							
	CON																			
Traffic Improvements at Various Locations, TBD - DES 2022	PE1										400	320	80							
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.																				

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CITY & COUNTY OF HONOLULU - FTA																				
OC13. Bus and Handi-Van Acquisition Program																				
Transit																				
Bus and Handi-Van Acquisition Program, 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
Bus and Handi-Van Acquisition Program, 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
Bus and Handi-Van Acquisition Program, 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
Bus and Handi-Van Acquisition Program, 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
Bus and Handi-Van Acquisition Program, 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
Bus and Handi-Van Acquisition Program, 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
Estimated Total Project Cost - \$102,318,000 -- Purchase replacement transit buses and handi-van vehicles.																				
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
Transit																				
Estimated Project Cost - \$111,000 -- Department of Transportation Services staff attendance at training workshops offered by the National Transit Institute.																				
OC16. Honolulu Rail Transit Project																				
Transit	H RTP	833,333	250,000	583,333	833,333	250,000	583,333	480,035	144,010	336,025										FTA \$5309
	H RTP	6,150	5,000	1,150																FTA \$5307/ \$5340
	H RTP	425	340	85	700	560	140													FTA \$5307/ \$5340
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.																				
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
Transit																				
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.																				
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
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.																				
OAHU : C&C OF HONOLULU DTS - FTA TOTAL		68,798	54,543	14,255	42,604	34,079	8,525	48,318	34,379	13,939	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	
OAHU : C&C OF HONOLULU HART - FTA TOTAL		839,908	255,340	584,568	834,033	250,560	583,473	480,035	144,010	336,025	0	0	0	0	0	0	0	0	0	
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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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 / STBG (Surface Transportation Block Grant)			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		
FLAP (Federal Lands Access Program)			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		
TOTAL			93,931			96,426			96,537			85,325			88,428			88,313		

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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	
SysPres		Estimated Total Project Cost - \$98,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																			
		Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																			
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																					
HS2. Daniel K. Inouye Highway (RTE 200) Extension, Mamalahoa Hwy (RTE 190) to Queen Kaahumanu Hwy (RTE 19)	PREROW							500	400	100										STP FLEXIBLE	
Modern	ROW													8,500	6,800	1,700					
	PE2	8,000	400	7,600																	
	ADVCON (PE2)				0	2,000	(2,000)	0	2,000	(2,000)	0	2,000	(2,000)								
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.																					
HS3. Guardrail and Shoulder Improvements, Various Locations	PE1													100	0	100				STP FLEXIBLE	
Safety	PE2													100	0	100					
	CON																1,400	1,120	280		
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																					
HS20. Hawaii Belt Road (RTE 19), Bridge Rehabilitation/Replacement, Hakalau Bridge	PE1							1,200	960	240										NHPP	
SysPres	PE2										800	640	160								
	ROW													500	400	100					
	CON																35,000	15,000	20,000		
Estimated Total Project Cost - \$37,500,000 -- Rehabilitate or replace existing bridge.																					
HS4. Hawaii Belt Road (RTE 19), Bridge Replacement, Kolekole Stream Bridge	PE1				1,500	1,200	300													NHPP	
SysPres	PE2							1,000	800	200											
	ROW										500	400	100								
	CON													15,000	6,000	9,000					
	ADVCON																0	6,000	(6,000)		
Estimated Total Project Cost - \$18,000,000 -- Rehabilitate or replace existing bridge.																					
HS5. Hawaii Belt Road (RTE 19), Bridge Replacement, Waiuku Bridge	PE1	1,500	1,200	300																NHPP	
SysPres	PE2				1,000	800	200														
	ROW							500	400	100											
	CON										25,000	12,000	13,000								
	ADVCON													0	8,000	(8,000)					
Estimated Total Project Cost - \$30,000,000 -- Rehabilitate or replace existing bridge.																					
HS6. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaumoali Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge	ADVCON	0	1,000	(1,000)	0	3,000	(3,000)													NHPP	
Safety		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																			
HS7. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON				1,560	1,248	312													NHPP	
Safety		Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																			
HS8. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON	1,560	248	1,312																NHPP	
Safety	ADVCON				0	1,000	(1,000)														
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																				
HS9. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaawalii Gulch to Kuwaikahi Bridge	CON										1,400	1,120	280							NHPP	
Safety	Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaawalii Gulch to Kuwaikahi Bridge.																				
	HS10. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaula Bridge Towards Kaawalii Gulch	CON							1,400	1,120	280									NHPP	
Safety	Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaula Bridge towards Kaawalii Gulch.																				
	HS11. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kuwaikahi Bridge to Kaaluu Bridge	CON												1,400	1,120	280				NHPP	
Safety	Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kuwaikahi Bridge to Kaaluu Bridge.																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS12. Hawaii Belt Road (RTE 19), Seismic Retrofit, Kaholo Bridge SysPres	PE1	500	400	100																NHPP
	PE2				500	400	100													
	CON							2,000	400	1,600										
	ADVCON										0	1,200	(1,200)							
	Estimated Total Project Cost - \$7,800,000 -- Retrofit interchange structures to meet current seismic standards.																			
HS13. Kawaihae Road (RTE 19), Waiake Stream Bridge Replacement and Realignment of Approaches SysPres	PREROW				50	40	10													NHPP
	ROW							2,950	2,360	590										
	CON										12,000	6,600	5,400							
	ADVCON													0	3,000	(3,000)				
	Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiake Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.																			
HS14. Keaau-Pahoa Road (RTE 130) Improvements, Keaau Bypass to Pahoa-Kapoho Road Modern	ROW	2,020	1,616	404																STP FLEXIBLE
	Estimated Total Project Cost - \$140,000,000 -- Improve traffic circulation and safety along Route 130.																			
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	970	2,330													
	ADVCON							0	2,000	(2,000)										
	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																			
HS16. Mamalahoa Highway (RTE 11), Guardrail and Shoulder Improvements and Realignment, Naalehu to Honuapo Safety	CON				6,000	800	5,200													NHPP
	ADVCON							0	2,000	(2,000)	0	2,000	(2,000)							
	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.																			
HS17. Mamalahoa Highway (RTE 190), Safety Improvements, MP 17.9-20.8 and MP 21.3-26.2 Safety	CON							1,000	900	100										HSIP
	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 stripes on shoulders where possible; installation of guardrails where possible at drop-offs; widen shoulders where possible; pavement markings; and signing.																			
HS18. Mamalahoa Highway (RTE 11), Safety Improvements, MP 98.7-105.3 Safety	CON							1,000	900	100										HSIP
	Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Milled rumble strips on centerline; Milled rumble strips /rumble edge stripes 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.																			
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)
	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.																			
	HAWAII : STATE - FHWA TOTAL		26,314	5,487	20,827	26,284	11,757	14,527	23,924	14,539	9,385	52,074	26,259	25,815	37,974	25,619	12,355	48,774	22,419	

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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 HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement	ADVCON	0	3,000	(3,000)																STP FLEXIBLE
SysPres																				
Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.																				
HC2. Bridge and Pavement Improvement Program	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
SysPres																				
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/ .																				
HC3. Bridge Inspection and Appraisal	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
SysPres																				
Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																				
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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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)
Transit																				
Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																				
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)
Transit																				
Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,888	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)			2,848			8,488			8,040			23,960			18,520			21,000		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT/TAP			0			0			0			0			0			0		
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			8,516			8,500			8,900			8,500			13,300			7,620		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			324			970			3,800			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FLAP (Federal Lands Access Program)			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			11,987			18,257			21,039			32,759			32,119			28,919		
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	11,987			18,257			21,039			32,759			32,119			28,919		

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MAUI : STATE - FHWA																					
MS11 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 / STBG
	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. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																				
MS1 Safety	Guardrail and Shoulder Improvement Program at Various Locations, Maui																			STBG	
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 4	CON				1,000	800	200													
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 5	CON									4,000	3,200	800								
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 6	CON															4,000	3,200	800		
	Estimated Total Project Cost - \$10,000,000 -- Improve guardrails and shoulders at various locations.																				
MS2 SysPres	Hana Highway Bridge Preservation Program	ROW	1,065	852	213															STBG	
	Hana Highway Bridge Preservation Program, Phase 1																				
	Hana Highway Bridge Preservation Program, Phase 1A	CON							12,000	9,600	2,400										
	Hana Highway Bridge Preservation Program, Phase 1B	CON												12,000	9,600	2,400					
	Hana Highway Bridge Preservation Program, Phase 2	PE1												1,000	800	200					
		PE2															1,000	800	200		
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. Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali. Bridges for Phase 2 will be prioritized at a later date.																					
MS5 SysPres	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW				104	83	21												NHPP	
		CON				5,825	4,660	1,165													
	Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																				
MS3 Safety	Honoapiilani Highway Realignment, Olowalu to Papalaua Park	PE1												500	0	500				LOCAL - Highway Special Funds	
	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.																				
MS4 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	STBG	
	Estimated Total Project Cost - \$6,500,000 -- Develop implement appropriate rockfall mitigation along this section of highway.																				
MS6 Safety	Kula Highway (Route 37) Safety Improvements, Aapueo Parkway to Omaopio Road	CON	900	810	90															HSIP	
	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 stripes on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; intersection improvements at various locations; pavement markings; signing.																				

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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)										
MS12 Enhance	National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)								
	Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.																												
MS7 Safety	North Kihei Road (Route 310) Safety Improvements, From Honoapiilani Highway to Piilani Highway	CON										1,800	1,620	180							HSIP								
	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 stripes 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.																												
MS8 Modern	Paia Relief Route	PE2													3,430	0	3,430				LOCAL								
	ROW														4,900	0	4,900												
	CON																	49,000	0	49,000									
Estimated Total Project Cost - \$90,000,000 -- Develop a two-lane mauka route of Hana highway to bypass the town of Paia.																													
MS9 Enhance	Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	CON	10,000	5,400	4,600																STBG								
	ADVCON				0	2,600	(2,600)																						
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.																													
MS10 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						2,000	1,600	400										
		ROW										2,000	1,600	400															
		CON										5,000	4,000	1,000															
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.																													
MOLOKAI																													
MS13 SysPres	Kamehameha V Highway (Route 450), Bridge Replacement, Makakupaia Stream Bridge	CON				7,535	4,028	3,507													STBG								
	ADVCON								0	2,000	(2,000)																		
Estimated Total Project Cost - \$8,800,000 -- Construct detour road/bridge, demolish and build new bridge, relocate utilities, install pavement signing, striping and marking.																													
MAUI : MPO STATE - FHWA TOTAL			29,214	9,021	20,193	22,178	8,502	13,676	29,249	11,559	17,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290									
MAUI : NON-MPO STATE - FHWA TOTAL			0	0	0	7,535	4,028	3,507	0	2,000	(2,000)	0	0	0	0	0	0	0	0	0									
MAUI : STATE - FHWA TOTAL			29,214	9,021	20,193	29,713	12,530	17,183	29,249	13,559	15,690	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)	
MC8 SysPres	Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)				250	0	250													STBG
	PE1																			
	PE2							300	0	300										
		CON												6,263	5,010	1,253				
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.																				
MC9 SysPres	Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road													300	0	300				STBG
	PE2																			
	CON																5,101	4,081	1,020	
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.																				
MC10 SysPres	Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place				175	0	175													STBG
	PE2																			
	CON							3,500	2,800	700										
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.																				
MC12 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							750	0	750										STBG
	ROW																			
	CON										2,628	2,102	526							
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.																				
MC13 SysPres	Mill Street (Route 3840) Pavement Reconstruction, N. Market Street to E. Main Street																			STBG
	PE2	300	0	300																
	CON				4,000	3,200	800													
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.																				
MC14 Safety	Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)																			STBG
	PE2	200	0	200																
	CON				1,546	1,237	309													
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.																				
MC15 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)																			STBG
	CON	4,400	3,520	880																
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.																				
MC16 Safety	Papalaau Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34)																			STBG
	CON	1,837	1,470	367																
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.																				
MC17 SysPres	South Kihei Road Pavement Reconstruction																			STBG
	PE2				250	0	250													
	CON							2,500	2,000	500										
Estimated Total Project Cost - ~\$2,750,000 - Reconstruction of the existing roadway pavement from Uliani Street to Auhana Road.																				
MC21 Enhance	Transportation Alternative Program (TAP)																			TAP
	Transportation Alternative Program (TAP), Papa Avenue Complete Street Improvements																			
	PE2	200	160	40																
	CON				2,250	1,800	450													
	Transportation Alternative Program (TAP), Waiale Road Complete Street Improvements																			
	PE2				160	128	32													
	CON							1,750	1,400	350										
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.																				
MC18 Congest	Waiale Road (Route 3180, MP 0.45 to MP 0.51) and Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Intersection Improvements																			STBG
	PE1	150	0	150																
	PE2	150	0	150																
	ROW																			
	CON				100	0	100													
								2,290	1,832	458										
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.																				
MC20 Congest	Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Intersection Improvements																			STBG
	PE2	260	0	260																
	CON										2,733	2,186	547							
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.																				
MAUI : COUNTY OF MAUI - FHWA SUBTOTAL		19,582	12,562	7,020	17,593	12,535	5,058	19,503	10,762	8,741	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020	
MAUI : COUNTY OF MAUI / SRTS - FHWA TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAUI : COUNTY OF MAUI / TAP - FHWA TOTAL		200	160	40	2,410	1,928	482	1,750	1,400	350	0	0	0	0	0	0	0	0	0	0
MAUI : COUNTY OF MAUI - FHWA TOTAL		19,782	12,722	7,060	20,003	14,463	5,540	21,253	12,162	9,091	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020	

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COUNTY OF MAUI - FTA																				
MC22 Bus and Bus Facility (Rural) - FTA 5339	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)
Transit																				
Estimated Total Project Cost - \$ 2,765,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations																				
MC23 Bus and Bus Facility (Small Urban) - FTA 5339	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)
Transit																				
Estimated Total Project Cost - \$2,526,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations																				
MC24 Rural Areas Program - FTA 5311	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
Transit																				
Estimated Total Project Cost - \$6,746,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
MC25 Urbanized Area - Kahului - FTA 5307	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)
Transit																				
Estimated Total Project Cost - \$17,295,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.																				
MC26 Transportation Assistance for Elderly and Disabled - FTA 5310	EQP	338	270	68	348	278	70	358	286	72	369	295	74	380	304	76	391	313	78	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Small-Urban) Funds from program will be utilized for the purchase of vehicles.																				
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			160			1,928			1,400			0			0			0		
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			18,814			19,963			22,362			16,105			32,410			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		
FLAP (Federal Lands Access Program)			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			21,743			26,993			25,721			25,284			32,769			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	21,743			26,993			25,721			25,284			32,769			14,040		

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KAUAI : STATE - FHWA																					
KS1. SysPres	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
Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																					
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																					
KS2. Safety	Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
Guardrail and Shoulder Improvements on State Highways, Kauai, Part 5																					
		PE2	50	0	50																
		CON	2,000	600	1,400																
		ADVCON				0	1,000	(1,000)													
Guardrail and Shoulder Improvements on State Highways, Kauai, Part 6																					
		PE				500	0	500													
		CON							2,000	1,600	400										
Guardrail and Shoulder Improvements on State Highways, Kauai, Part 7																					
		PE										500	0	500							
		CON													2,000	1,600	400				
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																					
KS3. SysPres	Kapule Highway / Rice Street / Waapa (RTE 51) Road Improvements and Nawiliwili Bridge Replacement	CON				6,000	800	5,200													NHPP
		ADVCON							0	4,000	(4,000)										
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.																					
KS5. SysPres	Kaunualii Highway (RTE 50), Bridge Replacement, Omao Bridge	CON							15,000	1,000	14,000										STP FLEXIBLE
		ADVCON										0	6,000	(6,000)	0	5,000	(5,000)				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.																					
KS6. SysPres	Kuhio Highway (RTE 56), Bridge Replacement, Kapaia Bridge	CON				11,275	1,020	10,255													NHPP
		ADVCON							0	1,000	(1,000)	0	7,000	(7,000)							
Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																					
KS7. SysPres	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
Estimated Total Project Cost - \$33,000,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.																					

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KS9. <div>SysPres</div> Kuhio Highway (RTE 56), Bridge Repair, Hanalei Bridge	CON																6,000	4,800	1,200	NHPP
	Estimated Total Project Cost - \$6,500,000 - Replace remove and replace deteriorated steel as well as the deteriorated paint system on this historic bridge.																			
KS10. <div>SysPres</div> Kuhio Highway (RTE 56), Bridge Repair, Wailua River Bridge	CON																4,000	3,200	800	NHPP
	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.																			
KS11. <div>SysPres</div> Kuhio Highway (RTE 56) Emergency Slope Stabilization, Kalihiwai Bridge	ADVCON	0	400	(400)	0	3,000	(3,000)	0	3,000	(3,000)	0	3,000	(3,000)							STP FLEXIBLE
	Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																			
KS12. <div>Modern</div> Kuhio Highway (RTE 56) Improvements, Kapaa Solutions (Priority #2), Vicinity of Kapule Highway to Vicinity of Wailua Bridge	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	
	Estimated Total Project Cost - \$45,000,000 - The purpose of this project is to reduce congestion and improve mobility in the Kapaa area.																			
KS13. <div>Congest</div> Kuhio Highway (Route 56), Short Term Improvements, Kuamoo Road to Temporary Bypass Road	CON	16,000	1,100	14,900																NHPP
	ADVCON				0	6,700	(6,700)	0	5,000	(5,000)										
	Estimated Total Project Cost - \$20,000,000 -- Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accomdate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.																			
KS14. <div>Congest</div> Kuhio Highway (RTE 56) Traffic Signal Optimization and Intersection Improvements, Kapaa Solutions (Priority #3)	CON				1,480	1,184	296													STP FLEXIBLE
	Estimated Total Project Cost - \$2,000,000 - Improve intersection operations in order to provide additional capacity.																			
KS15. <div>Enhance</div> National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
	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.																			
KS16. <div>Safety</div> Waimea Canyon Drive/Kokee Road Improvements, Phase 2A (MP 4-8)	CON										5,000	500	4,500							STP FLEXIBLE
	ADVCON													0	4,000	(4,000)				
	Estimated Total Project Cost - \$5,500,000 - Improvements include constructing paved shoulders, installing guardrails, pavement markings, signs and other improvements.																			
KAUAI : STATE - FHWA TOTAL		56,864	26,351	30,513	28,819	14,555	14,264	26,939	16,751	10,188	14,314	16,751	(2,437)	29,014	25,411	3,603	40,314	25,451	14,863	

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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 KAUAI - FHWA																				
KC1. Anini Bridge #2 Replacement SysPres	DES				500	0	500													STP FLEXIBLE
	CON																3,000	2,400	600	
	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.																			
KC2. Bridge Inspection and Appraisal SysPres	OPR				125	100	25				125	100	25				125	100	25	
Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.																				
KC3. Haleko Road (Route 5040) Improvements SysPres	DES							400	0	400										STP FLEXIBLE
	CON																3,000	2,400	600	
	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.																			
KC4. Hanapepe Road (Rte 545) Resurfacing SysPres	CON							3,900	1,620	2,280										
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.																				
KC5. Improvements to Maluhia Rd. (RTE 520) and Koloa Rd. (RTE 530) SysPres	ADVCON	0	3,200	(3,200)	0	1,000	(1,000)													STP FLEXIBLE
	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.																			
	KC6. Kamalu Road (Route 581) Improvements SysPres	DES										900	0	900						
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.																				
KC7. Kawaihau Road (Route 5860) Improvements SysPres	CON							600	0	600										STP FLEXIBLE
	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.																			
	KC8. Kawaihau Road (Route 5860), Hauaala Road (Route 5865), Mailihuna Road (Route 5870), Complete Street & Safety Improvements Safety	CON	3,183	546	2,637															
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).																				
KC9. Kekaha Road (Route 551) Improvements SysPres	DES							800	0	800										STP FLEXIBLE
	CON													5,000	4,000	1,000				
	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.																			
KC10. Kilauea Road and Kolo Road (Route 562) Resurfacing and Multi-Modal Access SysPres	PE2	350	0	350																
	CON							9,000	3,200	5,800										
	ADVCON										0	4,000	(4,000)							
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.																				

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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)		
KC11. Enhance	Lihue-Anahola Coastal Bike Path																			STP ENHANCEMENT	
	Lihue-Anahola Coastal Bike Path, Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path , Phase C & D A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles . The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.		CON	1,091	1,091	0															
	Lihue-Anahola Coastal Bike Path, Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase A - Ahukini Landing to Hanamaulu Beach Park		ROW PE2 CON	100	100	0		1,179	1,179	0						8,041	8,041	0			
	Lihue-Anahola Coastal Bike Path, Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase B - Hanamaulu Beach Park to Wailua Golf Course		ROW PE2 CON ADVCON	100	100	0		840	840	0			288	288	0		4,000	4,000	0		
	The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.																				
	Lihue-Anahola Coastal Bike Path, Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase A - Ninini Point to Ahukini		PE2 ROW CON					424	424	0			1,400	1,400	0						
	Lihue-Anahola Coastal Bike Path, Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase B - Ninini Point to Nawiliwili Beach Park Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.		PE2													1,061	1,061	0			
	Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.																				
KC12. SysPres	Moi Road (Route 543) Resurfacing and Sidewalks		DES CON							300	0	300				3,500	2,800	700		STP FLEXIBLE	
	Estimated Total Project Cost - \$3,800,000 -- Resurface and reconstruct pavement as needed, along the full length of Moi Road; construct sidewalk on the east side where there is no sidewalk; add shoulders both sides between Kaumuali'i Highway and Kane Street.																				
KC13. SysPres	Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements																			STP FLEXIBLE	
	Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements, Phase 1		CON	7,000	2,800	4,200															
	Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements, Phase 2		ADVCON				0	2,800	(2,800)												
	Estimated Total Project Cost - \$7,700,000 -- The project includes construction of the following: rehabilitation and resurfacing of the pavement of the project roads, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening on Kukui Street and Oloheua Road where feasible, to better serve all users and provide support for the pavement. Between Kuhio Highway and the Kapaa Bypass, is proposed on one side, and the proposed paved shoulders are intended to be marked as bicycle lanes. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.																				
KC14. Enhance	Poipu Road (Route 520) Multimodal Improvements																			STP FLEXIBLE	
	Poipu Road (Route 520) Multimodal Improvements, Phase 1 - Lawai Road to Keleka Road		CON ADVCON				5,200	1,160	4,040												
	Poipu Road (Route 520) Multimodal Improvements, Phase 2 - Koloa Road to Lawai Road		CON ADVCON							0	3,000	(3,000)									
	Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ale Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping												4,080	264	3,816		0	3,000	(3,000)		
KC15. SysPres	Puhi Road (Route 5010) Rehabilitation, Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)		CON													3,714	2,971	743		STP FLEXIBLE	
	Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaumuali'i Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.																				
KC19. Enhance	Safe Routes to School Program (SRTS)																			SAFE ROUTES TO SCHOOL	
	Safe Routes to School Program (SRTS), 2014 Awards, 1. King Kaumuali'i School SRTS, Phase 1		CON				450	450	0												
	Safe Routes to School Program (SRTS), 2014 Awards 2. Koloa Safe Routes, Phase 2		CON	680	680	0															
	Safe Routes to School Program (SRTS), 2016 Awards 3. Kalaheo School SRTS, Phase 1		PE2 CON	15	15	0															
	Estimated Total Project Cost - ~\$1.5 million/year -- SRTS is an international effort to increase safety and promote walking and bicycling to/from school. Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.						410	410	0												
KC Enhance	Transportation Alternative Program (TAP)																			TAP	
	Estimated Total Project Cost - ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.																				
KC16. Enhance	Waimea to Kekaha Shared Use Path, Phase I		PE2 CON ADVCON				400	0	400				2,000	600	1,400		0	1,000	(1,000)		STP FLEXIBLE
	Estimated Total Project Cost - \$4,500,000 -- Construction of a Shared Use Path along the mauka side of Kaumuali'i Highway, between Carl Furutani Street in Waimea and Alae Road in Kekaha. Phase II of the path is proposed to be constructed along with Kekaha Road improvements.																				

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KAUAI : COUNTY OF KAUAI - FHWA SUBTOTAL		11,824	7,837	3,987	8,668	9,503	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	
KAUAI : COUNTY OF KAUAI / SRTS - FHWA TOTAL		695	695	0	860	860	0	0	0	0	0	0	0	0	0	0	0	0	0	
KAUAI : COUNTY OF KAUAI / TAP - FHWA TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		12,519	8,532	3,987	9,528	10,363	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	

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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)
Transit																				
Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																				
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)
Transit																				
Estimated Total Project Cost - \$13,160,000-- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,888	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)			1,100			8,520			10,000			7,000			0			0		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT/TAP			1,291			2,443			0			1,688			13,102			4,500		
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			31,546			12,844			14,320			15,964			38,931			38,900		
SECTION 1404 - (Safe Routes to School)			695			860			0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
FLAP (Federal Lands Access Program)			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 (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			34,883			24,918			24,571			24,903			52,284			43,651		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
TOTAL			34,883			24,918			24,571			24,903			52,284			43,651		

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FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) Approved
Revision Effective Date: October 4, 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)	
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	
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		920,877	317,993	602,884	889,115	292,945	596,170	541,768	187,402	354,366	62,686	44,023	18,663	57,035	40,914	16,121	57,720	41,364	16,356	

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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 SUMMARY																				
STATEWIDE		51,985	20,545	31,440	49,755	18,821	30,934	47,935	20,285	27,650	51,640	20,350	31,290	42,435	14,425	28,010	44,585	12,105	32,480	
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	5,487	20,827	26,284	11,757	14,527	23,924	14,539	9,385	52,074	26,259	25,815	37,974	25,619	12,355	48,774	22,419	26,355	
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	11,987	18,702	34,409	18,257	16,152	32,049	21,039	11,010	60,199	32,759	27,440	46,099	32,119	13,980	56,899	28,919	27,980	
Maui - State		29,214	9,021	20,193	29,713	12,530	17,183	29,249	13,559	15,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	
County of Maui		19,782	12,722	7,060	20,003	14,463	5,540	21,253	12,162	9,091	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020	
ISLAND OF MAUI		48,996	21,743	27,253	49,716	26,993	22,723	50,502	25,721	24,781	64,533	25,284	39,249	43,642	32,769	10,873	81,350	14,040	67,310	
Kauai - State		56,864	26,351	30,513	28,819	14,555	14,264	26,939	16,751	10,188	14,314	16,751	(2,437)	29,014	25,411	3,603	40,314	25,451	14,863	
County of Kauai		12,519	8,532	3,987	9,528	10,363	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	
ISLAND OF KAUAI		69,383	34,883	34,500	38,347	24,918	13,429	41,939	24,571	17,368	23,107	24,903	(1,796)	54,330	52,284	2,046	61,939	43,651	18,288	
FHWA TOTAL		364,638	185,875	178,763	396,128	190,241	205,887	323,734	188,153	135,581	325,330	188,621	136,709	351,188	220,025	131,163	424,059	187,028	237,031	

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FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			86,404			110,980			106,860			126,298			103,301			107,376		
BRIDGE OFF-SYSTEM			800			800			800			800			800			800		
STP ENHANCEMENT/TAP			10,599			7,331			1,840			3,528			14,942			6,340		
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			75,906			58,593			66,272			48,939			94,461			65,081		
SECTION 1404 - (Safe Routes to School)			1,035			1,225			340			745			710			340		
HSIP (Highway Safety Improvement Program)			6,884			5,025			10,580			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		
FLAP (Federal Lands Access Program)			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		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		SUBTOTAL	185,875			190,241			188,153			188,621			220,025			187,028		
			(3,051)			(5,091)			(265)			(265)			(265)			(265)		
		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY		TOTAL	182,824			185,150			187,888			188,356			219,760			186,763		