

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T Financially Constrained
Revision Effective Date: July 9, 2018

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

PROJECT	PHASE	FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FFY2021 (Oct 1, 21 - Sep 30, 21)			FFY2022 (Oct 1, 22 - Sep 30, 22)			FFY2023 (Oct 1, 23 - Sep 30, 23)			FFY2024 (Oct 1, 24 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
STATEWIDE - FHWA																				
S1. Bikeway Improvements at Various Locations, Statewide Enhance	PE1	0	0	0						100	80	20								STP FLEXIBLE Program deferred. Prioritized bikeway improvements are being included in other existing ongoing projects.
	PE2	0	0	0						200	160	40								
	ROW				0	0	0						50	0	50					
	CON				0	0	0									500	400	100		
	ADVCON	0	0	0																
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. Bridge Inspection and Appraisal SysPres	PLN	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
<i>Estimated Total Project Cost - \$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.</i>																				
S3. Construction Career Days Workforce Development Program Human	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																				
S4. Highway Research and Development Program SysPres	PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																				
S5. Highway Safety Improvement Program (HSIP), Infrastructure Funding Program Safety	PE1	100	80	20				100	80	20				100	80	20				HSIP
	PE2	300	240	60				300	240	60				300	240	60				
	CON				2,000	1,600	400				1,000	800	200				4,000	3,200	800	
<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																				
S6. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program Safety	PLN/OPR	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP
<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																				
S7. Highway Shoreline Protection, Statewide Enhance	PE1				50	0	50							50	0	50				STP FLEXIBLE
	PE2							150	0	150							150	0	150	
	CON	2,000	0	2,000							2,000	0	2,000							
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S8. Pedestrian Facilities and ADA Compliance at Various Locations Enhance	PE1	0	0	0				130	104	26										STP FLEXIBLE Program deferred. Prioritized ped. facility improvements are being included in existing, ongoing projects.
	PE2	0	0	0				70	56	14										
	CON				0	0	0				1,000	800	200							
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S9. Federal Lands Highway Access Discretionary Program Modern	PE/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)				
S10. Safe Routes to School (SRTS) Program Safety	Non-infrastructure	PE	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	SAFE ROUTES TO SCHOOL Annual funding reduction reflects SRTS funding transitioning to all State funds.		
	Infrastructure	PE/CON	255	255	0	255	255	0	255	255	0	660	660	0	255	255	0	255	255	0			
<i>Estimated Total Project Cost - \$6,450,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																							
S11. SNIPP - Statewide Noxious Invasive Pest Program Enhance	OPR	3,100	2,480	620	820	656	164														STP FLEXIBLE		
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																							
S12. Statewide Highway Lighting and Traffic Signal Upgrade Program 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	5,000	LOCAL		
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																							
S13. Statewide Signing, Striping and Pavement Marking Program 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	5,000	NHPP		
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																							
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	5,000	LOCAL		
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																							
S15. Structural Countermeasures for Scour Critical Bridges SysPres	Tier 1	PE1	500	400	100																NHPP		
		PE2				500	400	100															
		CON							2,000	1,600	400												
	Tier 2	PE1							750	600	150												
		PE2										750	600	150									
		CON												3,000	2,400	600							
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																							
S16. Technology Transfer and Technical Assistance Program Modern	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE This is meant to be an annual supplement
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																							
S17. Traffic Counting Stations, Various Locations Modern	CON				2,500	500	2,000														STP FLEXIBLE		
	ADVCON							0	1,500	(1,500)											Use Advance Construction to spread fed. obligations for fiscal constraint		
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP</i>																							
S18. Transportation Alternative Program Enhance	PE/CON	2,100	1,680	420	0	0	0	550	440	110	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP Reduction in TAP funding in this line item reflects awarded TAP projects, listed below.
	<i>Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.</i>																						
STATEWIDE - FHWA TOTAL			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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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S20. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S21. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			12,200		12,200		14,000		12,400		8,400		2,800							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT / TAP			1,680		440		1,840		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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
QAHU : STATE - FHWA																					
OS1 SysPres	Bridge and Pavement Improvement Program, Oahu	CON	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	LOCAL
	Kalihi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	ADVCON	0	2,000	(2,000)																NHPP
<i>Estimated Total Project Cost - \$212,400,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																					
<i>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).</i>																					
<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
OS76 SysPres	Bridge Rehabilitation Program Various Locations TBD by BRM	PE1						1,120	896	224		300	240	60	1,000	800	200	1,300	1,040	260	NHPP
		PE2										1,700	1,360	340	1,000	800	200	1,000	800	200	
		ROW													1,000	800	200	300	240	60	
		CON										12,000	2,600	9,400	7,500	6,000	1,500	13,700	10,960	2,740	
		ADVCON													0	7,000	(7,000)				
<i>Estimated Total Project Cost - \$41,920,000 -- Rehabilitate bridges.</i>																					
OS77 SysPres	Bridge Replacement Program Various Locations TBD by BRM	PE1						720	576	144		1,300	1,040	260							NHPP
		PE2										1,100	880	220	2,300	1,840	460				
		ROW										550	440	110	550	440	110	1,535	1,228	307	
		CON										10,000	4,000	6,000	20,000	16,000	4,000	29,000	23,200	5,800	
		ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$67,055,000 -- Replace bridges.</i>																					
OS78 SysPres	Bridge Seismic Retrofit Program Various Locations TBD by Seismic Retrofit Management Program	PE1						240	192	48					210	168	42	736	589	147	NHPP
		PE2										360	288	72				315	252	63	
		CON													3,000	2,400	600				
<i>Estimated Total Project Cost - \$4,861,000 -- Seismic Retrofit of bridges.</i>																					
OS12 SysPres	Destination Sign, Upgrade/Replacement	ADVCON	0	1,000	(1,000)																NHPP
	Phase II	CON				7,000	5,600	1,400													
	Phase III	PE1						550	440	110											
		PE2										800	640	160							
		CON													10,000	6,000	4,000				
		ADVCON																0	2,000	(2,000)	
	Phase V	PE1										300	270	30							
		PE2													450	405	45				
<i>Estimated Total Project Cost - \$29,000,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2, H-201 and Pali Highway.</i>																					
OS2 SysPres	Farrington Highway (Route 93), Bridge Rehabilitation Ulehawa Stream Bridge	ROW	603	482	121																NHPP
		CON				8,490	792	7,698													
		ADVCON							0	6,000	(6,000)										
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																					
OS4 SysPres	Farrington Highway (Route 93), Bridge Replacement Makaha Bridges #3 & #3A	CON				22,200	760	21,440													NHPP
		ADVCON							0	5,000	(5,000)	0	12,000	(12,000)							
<i>Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																					
OS69 Safety	Farrington Highway (Route 93), Safety Improvements H-1 Freeway to Pohakunui Avenue	CON				2,250	25	2,225													HSIP
		ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$2,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips or rumble edge stripes on shoulders/median; installation of milled rumble strips on centerline; widen shoulders where possible; speed feedback sign; concrete median barrier at U-turn; pavement markings; signing.</i>																					

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FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T Financially Constrained
Revision Effective Date: July 9, 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	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL		
OS5 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Congest	Phase 2A	ADVCON	0	4,960	(4,960)	0	3,000	(3,000)												NHPP	
	Phase 3	PE2				740	592	148													
		CON							10,302	4,000	6,302										
	Phase 4	ADVCON										0	1,242	(1,242)	0	3,000	(3,000)				
		PE1							800	640	160										
		PE2																			
		CON										1,200	960	240							
Phase 5	ADVCON																				
	PE1												200	180	20						
PE2																	300	270	30		
<i>Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																					
OS57 Freeway Management System, Joint Traffic Management Center Operations (State), Congest	OPR		350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	NHPP
<i>Estimated Total Project Cost - \$2,100,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.</i>																					
OS9 Freeway Service Patrol, Congest	OPR		3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																					
OS10 Guardrail and Shoulder Improvements, Various Locations, Safety	Phase 2	PE1	177	0	177																HSIP
		PE2				100	0	100													
		CON							2,000	1,600	400										
	Phase 3	PE1							170	0	170										
		CON										100	0	100				2,000	1,600	400	
<i>Estimated Total Project Cost - \$4,547,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																					
OS11 ITS Operation and Maintenance, Congest	OPR		285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
<i>Estimated Total Project Cost - \$1,710,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																					
OS59 Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange, Modern	PE2					1,500	1,200	300													NHPP
	ROW										500	400	100								
<i>Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.</i>																					
OS14 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue, Safety	CON		11,500	500	11,000															NHPP	
	ADVCON					0	3,700	(3,700)	0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$12,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system.</i>																					
OS16 Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00, SysPres	ADVCON		0	2,857	(2,857)	0	3,000	(3,000)												NHPP	
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																					

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

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		TOTAL (x\$1000)	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)					
OS71 Kamehameha Highway (Route 83), Bridge Rehabilitation Paumalu Bridge <i>Estimated Total Project Cost - \$11,960,000 -- Rehabilitate the existing bridge.</i>	PE1						1,000	800	200											NHPP				
	PE2																				NHPP			
	ROW									400	320	80				560	448	112	NHPP					
	CON																					NHPP		
																							10,000	4,000
OS32 Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge <i>Estimated Total Project Cost - \$37,000,000 -- Replace the existing bridge.</i>	CON	35,000	600	34,400																NHPP				
ADVCON				0	10,000	(10,000)	0	5,600	(5,600)	0	11,800	(11,800)									NHPP			
																				NHPP				
																						NHPP		
																							NHPP	
OS34 Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge <i>Estimated Total Project Cost - \$17,300,000 -- replace the existing bridge.</i>	ROW	585	468	117																NHPP				
CON				15,000	1,000	14,000															NHPP			
ADVCON							0	6,500	(6,500)	0	4,500	(4,500)								NHPP				
																						NHPP		
																							NHPP	
OS72 Kamehameha Highway (Route 83), Bridge Replacement Waimanana Bridge <i>Estimated Total Project Cost - \$11,520,000 -- Replace the existing bridge.</i>	PE1						650	520	130											NHPP				
PE2										930	744	186									NHPP			
ROW													740	592	148				NHPP					
CON																						9,200	7,360	1,840
OS36 Kamehameha Highway (Route 83), Bridge Replacement Waipilo Stream Bridge <i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete bridge on Kamehameha Highway in the vicinity of Hauula.</i>	ROW	1,030	824	206																NHPP				
CON							9,700	760	8,940												NHPP			
ADVCON										0	5,000	(5,000)	0	2,000	(2,000)					NHPP				
																						NHPP		
																							NHPP	
OS61 Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaihoa Beach <i>Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.</i>	ADVCON	0	220	(220)	0	2,000	(2,000)													NHPP				
PREROW				50	40	10															NHPP			
ROW										1,000	800	200										NHPP		
																				NHPP				
																					NHPP			
																							NHPP	
OS75 Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay <i>Estimated Total Project Cost - \$19,450,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>	PE2				900	720	180													NHPP				
PREROW							50	40	10												NHPP			
ROW										500	400	100										NHPP		
																							NHPP	
																								NHPP
Haleiwa	CON									10,000	2,000	8,000								NHPP				
ADVCON													0	6,000	(6,000)				NHPP					
																					NHPP			
																						NHPP		
																							NHPP	
Sunset Beach	CON																			NHPP				
ADVCON																					NHPP			
																				NHPP				
																						NHPP		
																							NHPP	
OS41 Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond <i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>	CON	6,600	280	6,320																NHPP				
ADVCON				0	4,000	(4,000)	0	1,000	(1,000)												NHPP			
																				NHPP				
																						NHPP		
																							NHPP	
OS43 Leeward Bikeway - Phillipine Sea Road to Waipahu Depot Street <i>Estimated Total Project Cost - \$11,000,000 -- Improve/build bikeway/bike path from Phillipine Sea Road to Waipahu Depot Street.</i>	ADVCON	0	5,388	(5,388)	0	2,000	(2,000)													ENHANCEMENT				
																					ENHANCEMENT			
																				ENHANCEMENT				
																						ENHANCEMENT		
																							ENHANCEMENT	
OS73 Likelike Highway (Route 63), Safety Improvements Emmeline Place to Kahekili Highway <i>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.</i>	CON						2,700	430	2,270											HSIP				
ADVCON										0	2,000	(2,000)									HSIP			
																				HSIP				
																						HSIP		
																							HSIP	

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OS46 Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	ADVCON	0	2,000	(2,000)																NHPP		
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																						
OS45 Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON	0	5,500	(5,500)																	NHPP	
<i>Estimated Total Project Cost - \$13,000,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																						
OS44 Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements, Phase 2	CON				10,000	100	9,900														NHPP	
	ADVCON							0	4,000	(4,000)	0	3,900	(3,900)									
<i>Estimated Total Project Cost - \$11,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																						
OS62 Pali Highway (Route 61) Resurfacing & Lighting Improvements Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83)																					NHPP	
	ADVCON	0	11,000	(11,000)	0	10,000	(10,000)															
	CON	18,000	1,400	16,600																		
	ADVCON				0	6,000	(6,000)	0	7,000	(7,000)												
<i>Estimated Total Project Cost -- \$96,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.</i>																						
OS49 Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72		NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																						
OS52 Sand Island Access Road (Route 64), Truck Weigh Station Kapalama Container Terminal	CON	5,200	4,160	1,040																		NHPP
<i>Estimated Total Project Cost - \$9,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																						
OS79 Shoreline Protection/Mitigation Program Various Locations on Oahu																						NHPP
	ROW				500	400	100				500	400	100									
	CON				2,000	1,600	400				2,000	1,600	400									
	PE1							2,000	600	1,400												
	ADVCON(PE)										0	1,000	(1,000)									
	PE2										4,000	3,200	800									
	ROW													2,000	1,600	400						
	CON																15,000	7,000	8,000			
	ADVCON																					
<i>Estimated Total Project Cost - \$28,000,000 -- Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Oahu District Sub-Program.</i>																						
OS63 Traffic Counting Stations, Various Locations	CON				2,575	60	2,515															STP FLEXIBLE
	ADVCON							0	2,000	(2,000)												
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.</i>																						
OAHU : STATE - FHWA TOTAL		135,989	79,531	56,458	140,799	79,401	61,398	79,060	79,537	(477)	90,720	78,025	12,695	98,933	78,268	20,665	152,720	82,263	70,457			

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

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FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T Financially Constrained
Revision Effective Date: July 9, 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\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
CITY & COUNTY OF HONOLULU - FHWA																				
OC1. Alapai Transportation Management Center Safety	DES	500	0	500																STP FLEXIBLE
	INSP	1,500	0	1,500																
	EQP	250	200	50	250	200	50													
	OPR	500	400	100	500	400	100	463	370	93	475	380	95	488	390	98	375	300	75	
	<i>Estimated Total Project Cost - \$97,813,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.</i>																			
OC2. Bikeway Improvements Program Enhance	Kailua-Lanikai Bike Path																			STP FLEXIBLE
	ROW	1	0	1																
	PE1	300	240	60																
	PE2				125	100	25													
	Sunset Bike Path Improvements																			
	ROW	1	0	1																
	PE1	300	240	60																
	PE2				125	100	25													
	Waipahu Depot Shared Use Path																			
	ROW				1	0	1													
CON				1,000	800	200														
TBD - DES 2020																				
PE1				300	240	60														
PE2							125	100	25											
TBD - DES 2021																				
PE1							300	240	60											
<i>Estimated Total Project Cost - \$2,578,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																				
OC3. Bridge Inspection, Inventory, and Appraisal SysPres	DES	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM
<i>Estimated Total Project Cost - \$4,000,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System Congest	Phase 15 - Nanakuli																			
	PE2	250	200	50																
	CON				3,800	3,000	800													
	EQP				100	0	100													
	Phase 16 - Waianae																			
	PE1	250	200	50																
	PE2				315	250	65													
	CON				3,800	3,000	800													
	EQP				100	0	100													
	Phase 17 - TBD																			
PE1				315	250	65				190	150	40								
PE2																				
CON													3,800	3,000	800					
EQP													100	0	100					
<i>Estimated Total Project Cost - \$9,120,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				
OC27. Farrington Highway (Routes 7100 and 9107) Improvements, Modern	ROW				15,000	0	15,000	15,000	0	15,000										LOCAL
	PE1	50	0	50																
	PE2	3,950	0	3,950	1,000	0	1,000	1,000	0	1,000										
	CON							26,000	0	26,000	53,000	0	53,000	19,000	0	19,000				
	INSP																			
<i>Estimated Total Project Cost - \$142,050,000 -- Construct Improvements to enhance sub-regional roadway connectivity and mobility, increase capacity and accomodate multi-modal transportation options, from Kapolei Golf Course Road to west of Fort Weaver Road. The project might be constructed in phases.</i>																				
OC29. Federal Lands Access Program (FLAP) Enhance	Federal Lands Access Program (FLAP)																			FEDERAL LANDS ACCESS PROGRAM
	Pearl Harbor Multimodal Connection Alternatives: Phase II																			
	PE2	733	586	147																
CON				6,033	4,826	1,207														
<i>Estimated Total Project Cost - \$6,766,000 -- FLAP was established to improve transportation facilities that provide access to, are adjacent to, or are located within Federal lands. The Access Program supplements State and local resources for public roads, transit systems, and other transportation facilities, with an emphasis on high-use recreation sited an economic generators.</i>																				

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

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OC10. Traffic Signals at Various Locations Congest																				STP FLEXIBLE
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtaling St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	CON	3,750	3,000	750																
	EQP	1	0	1																
Phase 19 - Waialae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE2	250	200	50																
	CON				4,375	3,500	875													
	EQP				4	0	4													
Phase 20 - King St/Punahou St, Makuahine/Hala Dr, Hawaii Kai Dr/Kalalea St, Kamehameha Hwy/Waikalua Rd, Ward Ave/Lunalilo, Kapahulu Interconnect	PE1	250	200	50																
	PE2				315	250	65													
	CON							3,750	3,000	750										
	EQP							1	0	1										
Phase 21 - Meheula Pkwy/Ainamakua Dr (Audio Ped), Kapiolani Blvd/Ward Ave, Kapiolani Blvd/McCully St	PE1				319	255	64													
	PE2							250	200	50										
	CON										3,750	3,000	750							
	EQP										1	0	1							
Phase 22 - TBD	PE1							315	250	65										
	PE2										375	300	75							
	CON													3,750	3,000	750				
	EQP													1	0	1				
Phase 23 - TBD	PE1										315	250	65							
	PE2													425	350	75				
	CON																3,750	3,000	750	
	EQP																1	0	1	
Phase 24 - TBD	PE1													315	250	65				
	PE2																375	300	75	
Phase 25 - TBD	PE1																315	250	65	
<i>Estimated Total Project Cost - \$18,021,000 -- Install and upgrade traffic signals islandwide including ADA improvements, signs and markings, and interties.</i>																				
OC25. Transportation Alternatives Program (MPO) at Various Locations Enhance																				TAP-U
1 - HART Secure Bike Storage Units (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON				500	400	100													FTA \$5307/\$5340
2 - HART Middle Loch Connector (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON	375	300	75																FTA \$5307/\$5340
3 - Ala Wai Bridge Project (Estimated Total Project Cost - \$6,000,000)	PE1	1,500	1,200	300																TAP-U
	PE2	1,100	880	220																TAP-U
	CON	8,589	6,871	1,718																STP FLEXIBLE
6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON				1,000	800	200													
<i>Estimated Total Project Cost - \$12,189,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OC26. Transportation Alternative Program (State) Enhance																				TAP
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flexed Funds)	PE2/CON	50	40	10	200	160	40													FTA \$5307/\$5340
Phase 3 - Haleiwa Road Multi-Use Path	PE2				200	160	40													TAP
	CON							1,000	800	200										STP FLEXIBLE
	INSP							500	400	100										STP FLEXIBLE
<i>Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OAHU : C&C OF HONOLULULU - FHWA SUBTOTAL		16,407	8,235	8,172	81,877	20,866	61,011	70,749	15,800	54,949	35,131	7,300	27,831	65,379	9,790	55,589	26,566	6,050	20,516	
OAHU : C&C OF HONOLULULU / SRTS - FHWA TOTAL		0	0	0	25	25	0	0	0	0	0	0	0	370	370	0	0	0	0	
OAHU : C&C OF HONOLULULU / TAP - FHWA TOTAL		11,189	8,951	2,238	1,200	960	240	1,500	1,200	300	0	0	0	0	0	0	0	0	0	
OAHU : C&C OF HONOLULULU - FHWA TOTAL		27,596	17,186	10,410	83,102	21,851	61,251	72,249	17,000	55,249	35,131	7,300	27,831	65,749	10,160	55,589	26,566	6,050	20,516	

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CITY & COUNTY OF HONOLULU - FTA																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
FY2019: 30<30' buses + 18-40' buses + 28-60' buses	EQP	25,718	20,570	5,148															FTA \$5307/\$5340	
	EQP	2,539	1,979	560															FTA \$5337	
	EQP	12,066	9,217	2,849															FTA \$5339	
	EQP	1,150	920	230															FTA \$5310	
	INSP	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	
	DES	642	513	129															FTA \$5339	
FY2020: 30<30' buses + 10-40' buses + 10-60' buses	EQP				9,678	7,742	1,936												FTA \$5307/\$5340	
	EQP				3,698	2,958	740												FTA \$5339	
	EQP				392	314	78												FTA \$5310	
	EQP				2,142	1,713	429												FTA \$5337	
FY2021: 30<30' buses + 10-40' buses + 10-60' buses	EQP							15,630	8,232	7,398									FTA \$5307/\$5340	
	EQP							1,814	1,451	363									FTA \$5337	
	EQP							3,772	3,018	754									FTA \$5339	
	EQP							402	321	81									FTA \$5310	
FY2022: 30<30' buses + 10-40' buses + 10-60' buses	EQP										16,364	8,818	7,546						FTA \$5307/\$5340	
	EQP										1,850	1,480	370						FTA \$5337	
	EQP										3,848	3,078	770						FTA \$5339	
	EQP										417	334	83						FTA \$5310	
FY2023: TBD	EQP													16,691	8,994	7,697			FTA \$5307/\$5340	
	EQP													1,888	1,510	378			FTA \$5337	
	EQP													3,925	3,140	785			FTA \$5339	
	EQP													426	341	85			FTA \$5310	
FY2024: TBD	EQP																17,025	9,174	7,851	
	EQP																1,925	1,540	385	
	EQP																4,003	3,202	801	
	EQP																434	347	87	
<i>Estimated Total Project Cost - \$102,318,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC24. Capital Training	OPR	26	21	5	28	22	6	28	22	6	29	23	6	30	24	6	30	24	6	FTA \$5307/\$5340
<i>Estimated Project Cost - \$111,000 -- Department of Transportation Services staff attendance at training workshops offered by the National Transit Institute.</i>																				
OC16. Honolulu Rail Transit Project	Transit																			
\$5309 New Starts	HRTPT	833,333	250,000	583,333	833,333	250,000	583,333	480,035	144,010	336,025									FTA \$5309	
FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64)	HRTPT	6,150	5,000	1,150															FTA \$5307/ \$5340	
FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25 and OC26)	HRTPT	425	340	85	700	560	140												FTA \$5307/ \$5340	
<i>Estimated Total Project Cost - \$8,165,000,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
OC20. Preventive Maintenance	OPR	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	FTA \$5307/\$5340
<i>Estimated Total Project Cost - \$105,000,000 -- Preventive maintenance of FTA-funded rolling stock (buses and Handi-Vans) to include parts, labor, and other related expenses.</i>																				
OC21. Transit Safety and Security Projects	Transit																			
	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP	355	284	71	364	291	73	370	296	74	377	301	76	378	302	76	382	305	77	FTA \$5307/\$5340
<i>Estimated Total Project Cost - \$1,478,000 -- Capital improvement projects at various locations will provide safety and security aboard transit vehicles, and at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.</i>																				
OAHU : C&C OF HONOLULU 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							
REGULAR FORMULA AUTHORITY	TOTAL		93,931		96,426		96,537		85,325		88,428		88,313							

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
HAWAII - STATE - FHWA																				
HS1. Bridge and Pavement Improvement Program, Hawaii	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
HS2. Daniel K. Inouye Highway (RTE 200) Extension	PREROW				0	0	0	500	400	100										STP FLEXIBLE
HS2. Mamalahoa Hwy (RTE 190) to Queen Kaahumanu Hwy (RTE 19)	ROW							0	0	0			8,500	6,800	1,700					PREROW and ROW have been re-prioritized and deferred to reflect a more realistic development schedule
	PE2	8,000	400	7,600																
	ADVCON(PE2)				0	2,000	(2,000)	0	2,000	(2,000)	0	2,000	(2,000)							
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																				
HS3. Guardrail and Shoulder Improvements, Various Locations	PE1												100	0	100					STP FLEXIBLE
	PE2												100	0	100					
	CON															1,400	1,120	280		
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS20. Hawaii Belt Road (RTE 19), Rehabilitation/Replacement	PE1							1,200	960	240										NHPP
HS20. Hakalau Bridge	PE2										800	640	160							Priority Bridge Project Added from BRM (Bridge Management)
	ROW												500	400	100					
	CON															35,000	15,000	20,000		
<i>Estimated Total Project Cost - \$37,500,000 -- Rehabilitate or replace existing bridge.</i>																				
HS4. Hawaii Belt Road (RTE 19), Bridge Replacement	PE1				1,500	1,200	300													NHPP
HS4. Kolekole Stream Bridge	PE2							1,000	800	200										
	ROW										500	400	100							
	CON																			
	ADVCON												15,000	6,000	9,000					Redistribute C+V58ON fed \$; add ADVCON in FFY 2024 for financial constraint
<i>Estimated Total Project Cost - \$18,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS5. Hawaii Belt Road (RTE 19), Bridge Replacement	PE1	1,500	1,200	300																NHPP
HS5. Wailuku Bridge	PE2				1,000	800	200													
	ROW							500	400	100										
	CON										25,000	12,000	13,000							Redistribute CON fed \$; add ADVCON in FFY 2023 for financial constraint
	ADVCON												0	8,000	(8,000)					
<i>Estimated Total Project Cost - \$30,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS6. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge	ADVCON	0	1,000	(1,000)	0	3,000	(3,000)													NHPP
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge</i>																				
HS7. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kealahaka Bridge Towards Kaula Bridge	CON				1,560	1,248	312													NHPP
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealahaka Bridge to Kaula Bridge</i>																				
HS8. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaka Bridge	CON	1,560	248	1,312																NHPP
	ADVCON				0	1,000	(1,000)													Redistribute CON fed \$; add ADVCON in FFY 2020 for financial constraint
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealahaka Bridge.</i>																				
HS9. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaawali Gulch to Kuwaikahi Bridge	CON										1,400	1,120	280							NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaawali Gulch to Kuwaikahi Bridge.</i>																				
HS10. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaula Bridge Towards Kaawali Gulch	CON							1,400	1,120	280										NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaula Bridge towards Kaawali Gulch.</i>																				
HS11. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kuwaikahi Bridge to Kaaluu Bridge	CON												1,400	1,120	280					NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kuwaikahi Bridge to Kaaluu Bridge.</i>																				

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
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									Redistribute CON fed \$; add ADVCON in FFY 2022 for financial constraint	
	ADVCON									0	1,200	(1,200)								
<i>Estimated Total Project Cost - \$7,800,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
HS13. Kawaihae Road (RTE 19), Waiaka Stream Bridge Replacement and Realignment of Approaches SysPres	PREROW				50	40	10												NHPP	
	ROW							2,950	2,360	590										
	CON																		Redistribute CON fed \$; add ADVCON in FFY 2023 for financial constraint	
	ADVCON												0	3,000	(3,000)					
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																				
HS14. Keaau-Pahoa Road (RTE 130) Improvements, Keaau Bypass to Pahoa-Kapoho Road Modern	ROW	2,020	1,616	404															STP FLEXIBLE	
<i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic circulation and safety along Route 130.</i>																				
HS15. Kohala Mountain Road (RTE 250), Safety Improvements, MP 7.2 to MP 9.2, Phase 2 Safety	ROW		324	36															HSIP	
	CON				3,300	970	2,330													
	ADVCON							0	2,000	(2,000)									Redistribute CON fed \$; add ADVCON in FFY 2021 for financial constraint	
<i>Estimated Total Project Cost - \$3,660,000 -- Scope includes, but is not limited to: Continuation of 2017 project to address recommended superelevation treatments along entire segment</i>																				
HS16. Mamalahoa Highway (RTE 11), Guardrail and Shoulder Improvements and Realignment, Naalehu to Honuapo Safety	CON				6,000	800	5,200												NHPP	
	ADVCON							0	2,000	(2,000)	0	2,000	(2,000)						Redistribute CON fed \$; add ADVCON in FFY 2021-2022 for financial constraint	
<i>Estimated Total Project Cost - \$7,000,000 -- Remove and replace deteriorated guardrail; realign the highway toward the mauka side of the road; reconstruct weakened pavement areas and repave existing roadway; install pavement markings; and replace signs.</i>																				
HS17. Mamalahoa Highway (RTE 190), Safety Improvements MP 17.0-20.8 and MP 21.3-26.2 Safety	CON							1,000	900	100									HSIP	
<i>Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge stripes on shoulders where possible; installation of guardrails where possible at drop-offs; widen shoulders where possible; pavement markings; and signing.</i>																				
HS18. Mamalahoa Highway (RTE 11), Safety Improvements MP 98.7-105.3 Safety	CON							1,000	900	100									HSIP	
<i>Estimated Total Project Cost - \$1,100,000 -- 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.</i>																				
HS19. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																				
HAWAII : STATE - FHWA TOTAL		26,314	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	

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
COUNTY OF HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement <i>SysPres</i>	ADVCON	0	3,000	(3,000)																STP FLEXIBLE
<i>Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																				
HC2. Bridge and Pavement Improvement Program <i>SysPres</i>	CON	4,375	3,500	875	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	STP FLEXIBLE
<i>Estimated Total Project Cost - \$24,375,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The current list of prioritized proposed projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other-related-links/stip/.</i>																				
HC3. Bridge Inspection and Appraisal <i>SysPres</i>	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		4,375	6,500	(2,125)	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	

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

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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
FHWA FUNDING CATEGORY SUMMARY - 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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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
MAUI - STATE - FHWA																				
MS11	Bridge and Pavement Improvement Program, Maui																			NHPP / STBG
	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	
	SysPres																			
	<i>Estimated Total Project Cost - \$88,800,000--System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																			
	<i>Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)</i>																			
	<i>The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																			
MS1	Guardrail and Shoulder Improvement Program at Various Locations, Maui																			STBG
	Part 4				1,000	800	200													
	Part 5									4,000	3,200	800								
	Part 6																4,000	3,200	800	
	CON																			
	Safety																			
	<i>Estimated Total Project Cost - \$10,000,000 -- Improve guardrails and shoulders at various locations.</i>																			
MS2	Hana Highway Bridge Preservation Program																			STBG
	Phase 1		1,065	852	213															
	Phase 1A																			
	Phase 1B							12,000	9,600	2,400							12,000	9,600	2,400	
	CON																			
	Phase 2																1,000	800	200	
	PE1																			
	PE2																1,000	800	200	
	CON																			
	SysPres																			
	<i>Estimated Total Project Cost - \$27,065,000 -- Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded.</i>																			
	<i>Phase 1 will include work on 6 bridges: 1. Puohokomoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali. Bridges for Phase 2 will be prioritized at a later date.</i>																			
MS5	Honoapiilani Highway (Route 30), Bridge Replacement, Honolulu Bridge																			NHPP
	ROW				104	83	21													
	CON				5,825	4,660	1,165													
	SysPres																			
	<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolulu Bay.</i>																			
MS3	Honoapiilani Highway Realignment													500	0	500				LOCAL - Highway Special Funds
	PE1																			
	Safety																			
	<i>Estimated Total Project Cost - \$150,000,000 -- Develop a two-lane alternative route mauka of Honoapiilani Highway outside of coastal hazard area and projected sea-level rise impact area.</i>																			
MS4	Honoapiilani Highway (Route 30), Rockfall Protection / Slope Stabilization, Vicinity of MP 10.33 to Vicinity of MP 10.44																5,000	4,000	1,000	STBG
	CON																			
	Safety																			
	<i>Estimated Total Project Cost - \$6,500,000 -- Develop implement appropriate rockfall mitigation along this section of highway.</i>																			
MS6	Kula Highway (Route 37) Safety Improvements, Aapueo Parkway to Omaopio Road		900	810	90															HSIP
	CON																			
	Safety																			
	<i>Estimated Total Project Cost - \$ 1,000,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; intersection improvements at various locations; pavement markings; signing.</i>																			

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PROJECT	PHASE	FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FFY2021 (Oct 1, 21 - Sep 30, 21)			FFY2022 (Oct 1, 22 - Sep 30, 22)			FFY2023 (Oct 1, 23 - Sep 30, 23)			FFY2024 (Oct 1, 24 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
MS12 National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS7 North Kihei Road (Route 310) Safety Improvements, From Honoapiilani Highway to Piilani Highway Safety	CON								1,800	1,620	180									HSIP
<i>Estimated Total Project Cost - \$2,000,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; left turn storage lane at MECO driveway; install additional traffic signal head and backplates at South Kihei Road; pavement markings; signing.</i>																				
MS8 Paia Relief Route Modern	PE2												3,430	0	3,430					LOCAL
	ROW												4,900	0	4,900					
	CON														49,000	0	49,000			
<i>Estimated Total Project Cost - \$90,000,000 -- Develop a two-lane mauka route of Hana highway to bypass the town of Paia.</i>																				
MS9 Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380) Enhance	CON	10,000	5,400	4,600																STBG
	ADVCON				0	2,600	(2,600)													
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																				
MS10 Shoreline Protection/Mitigation Program Various areas in Maui District Safety	PE1	2,000	1,600	400																NHPP
	PE2							2,000	1,600	400										
	ROW										2,000	1,600	400							
	CON										5,000	4,000	1,000							
<i>Estimated Total Project Cost - \$ 15,000,000 -- Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Maui District Sub-Program.</i>																				
MOLOKAI																				
MS13 Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge SysPres	CON				7,535	4,028	3,507													STBG
	ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$8,800,000 -- Construct detour road/bridge, demolish and build new bridge, relocate utilities, install pavement signing, striping and marking.</i>																				
MAUI : 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\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
COUNTY OF MAUI - FHWA																				
MC1	Central Maui Traffic Signal Upgrades	PE2	270	0	270															STBG
	Congest 1. Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) 2. Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) 3. Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) 4. Wakea Ave (Rte 3920) & Hooohana St 5. Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19) 6. Wakea Ave (Rte 3920) & Alamaha St. (Rte 3945) 7. Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) 8. Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75) 9. Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)	CON				742	594	148												
	<i>Estimated Total Project Cost - \$1,012,000 -- The project will upgrade nine (9) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																			
MC2	Guardrail and Shoulder Improvements, Various Locations	CON	1,531	1,225	306															STBG
	Safety Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62																			
	<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																			
MC19	Hana Highway (RTE 360), Bridge Rehabilitation,	PE2			900	0	900													STBG
	SysPres Waikakoi Bridge (MP 45.42)	CON							6,000	800	5,200									
	<i>Estimated total project cost - \$6,900,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																			
MC4	Hana Highway (Route 3700), Bridge Replacement,	CON			5,733	4,586	1,147													STBG
	SysPres Kahawaiokapia Bridge, MP 36.61																			
	<i>Estimated Total Project Cost - \$6,500,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																			
MC11	Hana Highway (Route 3700), Bridge Replacement,	PE2	750	0	750															STBG
	SysPres Mahalawa Bridge, MP 43.29	CON						6,000	800	5,200										
	<i>Estimated total project cost - \$6,750,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																			
MC5	Kanaloa Avenue (Route 3420, MP 0-MP 0.9) Resurfacing from	PE2	300	0	300															STBG
	SysPres Kahului Beach Road (Route 3400) to Kaahumanu Ave (Route 3940) and Mahalani Street (Route 3231, MP 0-MP 1.18) Resurfacing from Kaahumanu Ave (Route 3400) to Maui Lani Parkway	CON						4,163	3,330	833										
	<i>Estimated Total Project Cost - \$4,463,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																			
MC6	Kaupakalua Road (Route 365) Pavement Reconstruction	CON	7,934	6,347	1,587															STBG
	SysPres Phase 2 - East Kuaia Road to Hana Highway																			
	<i>Estimated Total Project Cost - \$13,850,000 (for Phases 1 & 2) -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.</i>																			
MC7	Kihel North-South Collector Road (Route 3115, MP 1.21-MP 1.99)	PE2	1,500	0	1,500															STBG
	Modern Phase 1 - Kulanihakoi St to Namaau Place	ROW				250	0	250												
	<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																			
		CON							23,123	3,817	19,306									2022 Local funds include full match of \$4,204,000+construction management (10%) \$2,102,000
		ADVCON										0	13,000	(13,000)						

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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)	
MC3 SysPres Lower Honoapiilani Road (Route 3080), Bridge Replacement, Kahana Nui Bridge, MP 2.40	CON				3,647	2,918	729													STBG
<i>Estimated Total Project Cost - \$4,000,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC8 SysPres Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napiliuhau Road (Route 3090)	PE1				250	0	250				300	0	300							STBG
	PE2																			
	CON																6,263	5,010	1,253	
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC9 SysPres Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	PE2													300	0	300				STBG
	CON																	5,101	4,081	1,020
<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC10 SysPres Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	PE2				175	0	175													STBG
	CON							3,500	2,800	700										
<i>Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
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	ROW							750	0	750										STBG
	CON										2,628	2,102	526							
<i>Estimated Total Project Cost - \$3,378,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																				
MC13 SysPres Mill Street (Route 3840) Pavement Reconstruction N. Market Street to E. Main Street	PE2	300	0	300																STBG
	CON				4,000	3,200	800													
<i>Estimated Total Project Cost - \$4,300,000 -- Reconstruction of the existing roadway pavement; adjusting existing manholes, valves, and street monuments; repairing drainlines as required; addressing accessibility issues; installing pavement striping and marking; and replacing existing signage.</i>																				
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)	PE2	200	0	200																STBG
	CON				1,546	1,237	309													
<i>Estimated Total Project Cost - \$1,764,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
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)	CON	4,400	3,520	880																STBG
<i>Estimated Total Project Cost - \$4,400,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC16 Safety Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Waimea Street (Route 3015, MP 0.3-MP 0.34)	CON	1,837	1,470	367																STBG
<i>Estimated Total Project Cost - \$1,837,225-- Removal of existing traffic signal system. Installation of a new signal system including controller, video detection, communication hardware, updated phasing and timing, resurfacing of the intersection's functional area, ADAAG related improvements.</i>																				
MC17 SysPres South Kihei Road Pavement Reconstruction	PE2				250	0	250													STBG
	CON							2,500	2,000	500										
<i>Estimated Total Project Cost - \$2,750,000 - Reconstruction of the existing roadway pavement from Uilani Street to Auhana Road.</i>																				
MC21 Enhance Transportation Alternative Program (TAP) Papa Avenue Complete Street Improvements Waiale Road Complete Street Improvements	PE2	200	160	40																TAP
	CON				2,250	1,800	450													
	PE2				160	128	32													
	CON							1,750	1,400	350										
<i>Estimated Total Project Cost - \$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process.</i>																				
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	PE1	150	0	150																STBG
	PE2	150	0	150																
	ROW				100	0	100													
	CON							2,290	1,832	458										
<i>Estimated Total Project Cost - \$2,690,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies or other evaluated and selected alternative. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
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	PE2	260	0	260																STBG
	CON										2,733	2,186	547							
<i>Estimated Total Project Cost - \$2,993,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA 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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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
COUNTY OF MAUI - FTA																					
MC22 Transit	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)
<i>Estimated Total Project Cost - \$ 2,765,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																					
MC23 Transit	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)
<i>Estimated Total Project Cost - \$2,526,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																					
MC24 Transit	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
<i>Estimated Total Project Cost - \$6,746,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																					
MC25 Transit	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)
<i>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.</i>																					
MC26 Human	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
<i>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.</i>																					
MAUI : COUNTY OF MAUI - FTA TOTAL			4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	

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PROJECT	PHASE	FFY2019 (Oct 1, 19 - Sep 30, 19)			FFY2020 (Oct 1, 20 - Sep 30, 20)			FFY2021 (Oct 1, 21 - Sep 30, 21)			FFY2022 (Oct 1, 22 - Sep 30, 22)			FFY2023 (Oct 1, 23 - Sep 30, 23)			FFY2024 (Oct 1, 24 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
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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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)			
KAUAI : STATE - FHWA																						
KS1.	Bridge and Pavement Improvement Program, Kauai	CON	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	NHPP / STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE	
	Part 5	PE1																				
		PE2	50	0	50																	
		CON	2,000	600	1,400																Redistribute CON fed \$; add ADVCON in FFY 2021 for financial constraint	
		ADVCON			0	1,000	(1,000)															
	Part 6	PE				500	0	500														
		CON							2,000	1,600	400											
		CON																				
	Part 7	PE																				
		CON																				
		CON																				
	<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																					
KS3.	Kapule Highway / Rice Street / Waapa (RTE 51) Road Improvements and Nawiliwili Bridge Replacement	ROW																			NHPP	
		CON				6,000	800	5,200														Redistribute CON fed \$; add ADVCON in FFY 2021 for financial constraint
		ADVCON							0	4,000	(4,000)											
	<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																					
KS4.	Kaunualii Highway (RTE 50), Bridge Rehabilitation																				STP FLEXIBLE	
	Hanapepe Bridge																					
	Phase 2 - Bridge work	CON																				
	<i>Estimated Total Project Cost - \$35,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																					
KS5.	Kaunualii Highway (RTE 50), Bridge Replacement	CON							15,000	1,000	14,000										STP FLEXIBLE	
	Omao Bridge	ADVCON										0	6,000	(6,000)	0	5,000	(5,000)				Redistribute ADVCON \$ with additional ADVCON in 2023 for financial constraint	
	PE10 ext deadline 3-3-19.																					
	<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																					
KS6.	Kuhio Highway (RTE 56), Bridge Replacement	ROW																			NHPP	
	Kapaia Bridge	CON				11,275	1,020	10,255														Redistribute ADVCON \$ with additional ADVCON in 2022 for financial constraint
		ADVCON							0	1,000	(1,000)	0	7,000	(7,000)								
	<i>Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																					
KS7.	Kuhio Highway (RTE 560), Bridge Rehabilitation	CON	30,000	24,000	6,000																STP FLEXIBLE	
	Wainiha Stream Bridges #1, #2, #3																					
	Phase 2 - Bridge work																					
	Oct OSR: 95% design, all UA outstanding																					
	<i>Estimated Total Project Cost - \$25,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																					
KS8.	Kuhio Highway (RTE 560), Bridge Rehabilitation																				STP FLEXIBLE	
	Waioli, Waipa, and Waikoko Stream Bridges	ROW	0	0	0																	
	Phase 2 - Bridge work	CON							0	0	0										Project deleted since it will be funded without regular federal aid funding.	
	<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																					

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	
KS9. SysPres Kuhio Highway (RTE 56), Bridge Repair, Hanalei Bridge	CON																6,000	4,800	1,200	NHPP
<i>Estimated Total Project Cost - \$6,500,000 - Replace remove and replace deteriorated steel as well as the deteriorated paint system on this historic bridge.</i>																				
KS10. SysPres Kuhio Highway (RTE 56), Bridge Repair, Wailua River Bridge	CON																4,000	3,200	800	NHPP
<i>Estimated Total Project Cost - \$4,500,000 - Replace deteriorated steel supports and all bearing areas of the bridge. Replace deteriorated concrete as well as bearings.</i>																				
KS11. SysPres 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 Redistribute ADVCON \$ with additional ADVCON in 2021-2022 for financial constraint
<i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS12. Modern 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										0	0	0	18,200	14,560	3,640				
	CON													0	0	0	21,500	17,200	4,300	Defer ROW and CON one yr due to re prioritization for financial constraint
<i>Estimated Total Project Cost - \$45,000,000 - The purpose of this project is to reduce congestion and improve mobility in the Kapaa area.</i>																				
KS13. Congest Kuhio Highway (Route 56), Short Term Improvements, Kuamoo Road to Temporary Bypass Road	ADVCON	0	1,000	(1,000)	0	6,700	(6,700)	0	5,000	(5,000)										NHPP Redistribute ADVCON \$ with additional ADVCON in 2020 for financial constraint
<i>Estimated Total Project Cost - \$20,000,000 - Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accomdate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.</i>																				
KS14. Congest Kuhio Highway (RTE 56) Traffic Signal Optimization and Intersection Improvements, Kapaa Solutions (Priority #3)	ROW																			STP FLEXIBLE
	CON				1,480	1,184	296													
<i>Estimated Total Project Cost - \$2,000,000 - Improve intersection operations in order to provide additional capacity.</i>																				
KS15. Enhance 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)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
KS16. Safety 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)				Redistribute CON fed \$; add ADVCON in FFY 2024 for financial constraint
<i>Estimated Total Project Cost - \$5,500,000 - Improvements include constructing paved shoulders, installing guardrails, pavement markings, signs and other improvements.</i>																				
KAUAI : STATE - FHWA TOTAL		40,864	26,251	14,613	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\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)		
COUNTY OF KAUAI - FHWA																					
KC1. Anini Bridge #2 Replacement SysPres	DES				500	0	500													STP FLEXIBLE	
	CON																				
<i>Estimated Total Project Cost - \$3,500,000 -- Replace existing double box culvert and temporary one-lane precast panel bridge with a new structure. Demolish existing bridge, construct temporary bypass bridge, construct new two-lane bridge and possibly paved shoulders; relocate utilities.</i>																					
KC2. Bridge Inspection and Appraisal SysPres	OPR				125	100	25					125	100	25				125	100	25	STP FLEXIBLE
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																					
KC3. Haleko Road (Route 5040) Improvements SysPres	DES							400	0	400										STP FLEXIBLE	
	CON																				
<i>Estimated Total Project Cost - \$3,400,000 -- Project Limits are full length of Haleko Road; Resurface and Reconstruct pavement as needed; widen roadway to construct on-road bike lanes, construct a sidewalk on one side of the road where no sidewalk exists; add crosswalks as needed to service new sidewalk; add/improve turn lanes as needed.</i>																					
KC4. Hanapepe Road (Rte 545) Resurfacing SysPres	CON				0	0	0	3,900	1,620	2,280										STP FLEXIBLE Defer CON one yr and redistribute CON fed \$; add ADVCON in FFY 2022 for financial constraint	
	ADVCON							0	0	0			1,500	(1,500)							
<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																					
KC5. Improvements to Maluhia Rd. (RTE 520) and Koloa Rd. (RTE 530) SysPres	ADVCON	0	3,200	(3,200)	0	1,000	(1,000)													STP FLEXIBLE Redistribute ADVCON \$ with additional ADVCON in 2020 for financial constraint	
<i>Estimated Total Project Cost - \$13,000,000 -- Part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and Koloa Road, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening these roads, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																					
KC6. Kamalu Road (Route 581) Improvements SysPres	DES										900	0	900							STP FLEXIBLE	
	CON																				
<i>Estimated Total Project Cost - \$6,900,000 -- Resurface pavement (and Reconstruct as needed) the full length of Kamalu Road; widen roadway to provide paved shoulders, 5 feet wide where feasible; replace one-lane bridge at Kalama Stream with a two-lane bridge with appropriate bridge railing and approach guardrail; construct other safety improvements.</i>																					
KC7. Kawaihau Road (Route 5860) Improvements SysPres	DES							600	0	600										STP FLEXIBLE	
	CON																				
<i>Estimated Total Project Cost - \$5,600,000 -- Project Limits are from Hauaala Road to Ka'apuni Road and Kapahi Park - The project includes construction of the following: pavement resurfacing and reconstruction; widened and/or new sidewalks; shoulder widening; intersection improvements including left turn lanes and crosswalks.</i>																					
KC8. Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Mailihuna Road (Route 5870), Complete Street & Safety Improvements Safety	CON	3,183	546	2,637																STP FLEXIBLE Redistribute CON fed \$; add ADVCON in FFY 2020 for financial constraint	
	ADVCON				0	2,000	(2,000)														
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																					
KC9. Kekaha Road (Route 551) Improvements SysPres	DES							800	0	800										STP FLEXIBLE	
	CON												5,000	4,000	1,000						
<i>Estimated Total Project Cost - \$5,800,000 -- Project Limits Kaunualii Highway to Amakihi Street -- Resurface pavement (and Reconstruct as needed); construct shared use path on mauka side (1.8 miles); reconstruct broken sidewalks and add additional sidewalks on the makai side.</i>																					
KC10. Kilauea Road and Kolo Road (Route 562) Resurfacing and Multi-Modal Access SysPres	PE2	350	0	350																STP FLEXIBLE Redistribute CON fed \$; add ADVCON in FFY 2022 for financial constraint	
	CON							9,000	3,200	5,800											
<i>Estimated Total Project Cost - \$9,680,000 -- The project includes construction of the following: pavement resurfacing and reconstruction; new sidewalks and sidewalk repair; new crosswalks; widening and extension of a shared use path; shoulder widening; intersection improvements including a mini-roundabout at the Kolo Road/Kilauea Road intersection.</i>																					

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		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL			
KC11. Lihue-Anahola Coastal Bike Path Enhance Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase C & D <i>A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i> Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park Phase B - Hanamaulu Beach Park to Wailua Golf Course <i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i> Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini Phase B - Ninini Point to Nawiliwili Beach Park <i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i> <i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>	CON	1,091	1,091	0																STP ENHANCEMENT		
	ROW	100	100	0	1,179	1,179	0															
	PE2																					
	CON				840	840	0							8,041	8,041	0						Redistribute CON fed \$; add ADVCON in FFY 2023 for financial constraint
	ADVCON									288	288	0										
	PE2													4,000	4,000	0						
	ROW				424	424	0				1,400	1,400	0									Update PE2 estimate and advance ROW two yrs to reflect most current estimate and project schedule.
	CON																			4,500	4,500	0
	PE2																					
	CON																					
DES										300	0	300										
CON													3,500	2,800	700							
<i>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 Kaunaulii Highway and Kane Street.</i>																						
KC13. Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements SysPres Phase 1 Phase 2	CON	7,000	2,800	4,200	0	2,800	(2,800)														STP FLEXIBLE	
<i>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.</i>																						
KC14. Poipu Road (Route 520) Multimodal Improvements Enhance Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road	CON				5,200	1,160	4,040															
ADVCON								0	3,000	(3,000)											Redistribute CON fed \$; add ADVCON in FFY 2021 for financial constraint	
CON								0	0	0	4,080	264	3,816								Redistribute CON fed \$; add ADVCON in FFY 2023 for financial constraint	
ADVCON														0	3,000	(3,000)						
<i>Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoini; Construction of bus stop shelters; Construction of medians and landscaping</i>																						
KC15. Puhi Road (Route 5010) Rehabilitation SysPres Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	CON										0	0	0	3,714	2,971	743					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunaulii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																						
KC19. Safe Routes to School Program (SRTS) Enhance 2014 Awards 1. King Kaunaulii School SRTS, Phase 1 2. Koloa Safe Routes, Phase 2 2016 Awards 3. Kalaheo School SRTS, Phase 1	CON				450	450	0														SAFE ROUTES TO SCHOOL	
CON	680	680	0																		Added Safe Routes to School Program	
PE2	15	15	0																			
CON				410	410	0																
<i>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.</i>																						
KC16. Waimea to Kekaha Shared Use Path, Phase I Enhance	PE2				400	0	400															
CON														2,000	600	1,400					STP FLEXIBLE	
ADVCON																	0	1,000	(1,000)		Redistribute CON fed \$; add ADVCON in FFY 2023 for financial constraint	
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of a Shared Use Path along the mauka side of Kaunaulii 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.</i>																						
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	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	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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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
COUNTY OF KAUAI - FTA																				
KC17. Bus and Bus Facility	EQP	590	469	121	609	484	125	627	502	125	646	517	129							FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC18. Rural Transportation Program	OPR	2,298	1,149	1,149	2,368	1,184	1,184	2,440	1,220	1,220	2,514	1,257	1,257							FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			1,000		8,520		10,000		7,000		0		0		0					
BRIDGE OFF-SYSTEM			0		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		34,783		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							
REGULAR FORMULA AUTHORITY	TOTAL		34,783		24,918		24,571		24,903		52,284		43,651							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FTA SUMMARY																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		834	667	167	859	687	172	883	707	176	910	728	182	939	751	188	968	774	194	
C&C OF HONOLULU		908,706	309,883	598,823	876,637	284,639	591,998	528,353	178,389	349,964	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	
COUNTY OF HAWAII		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
MAUI, STATE		29,214	9,021	20,193	29,713	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		4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	
COUNTY OF KAUAI		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
FTA TOTAL		950,091	327,014	623,077	918,828	305,475	613,353	571,017	200,961	370,056	92,735	56,402	36,333	94,114	51,673	42,441	133,969	51,323	82,646	

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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		40,864	26,251	14,613	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		53,383	34,783	18,600	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		348,638	185,775	162,863	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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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			86,304		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	
	SUBTOTAL		185,775		190,241		188,153		188,621		220,025								187,028	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(3,051)		(5,091)		(265)		(265)		(265)								(265)	
LESS FTA TRANSFER FUNDS			0		0		0		0		0								0	
REGULAR FORMULA AUTHORITY	TOTAL		182,724		185,150		187,888		188,356		219,760								186,763	

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