#### STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Revision Effective Date: August 16, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TOTAL FEDERAL LOCAL LOCAL TOTAL FEDERAL LOGAL (x\$1000) (x\$1000) TOTAL FEDERAL LOCAL FUND CATEGORY & REMARKS (x\$1000) (x\$1000) (x\$1000) PROJECT PHASE (x\$1000) (x\$1000) STATEWIDE - FHWA PE1 TP FLEXIBLE Bikeway Improvements at Various Locations, Statewide 100 PE2 200 160 40 ROW 45 CON 2.100 180 1.920 500 400 100 ADVCON 1,500 (1,500 Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans. Bridge Inspection and Appraisal PLN 2 480 620 3,500 2 800 13,500 10,800 2,700 3,500 2,800 700 3,500 2,800 700 NHPP Estimated Total Project Cost - \$24,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements Construction Career Days Workforce Development Program PLN STP FLEXIBLE Estimated Total Project Cost - \$180,000 - Supplement the Construction Career Days Workforce Development Program. TP FLEXIBLE Environmental Guideline Development PLN 500 400 10 Estimated Total Project Cost - \$500,000 -- Develop Guide to standardize and institutionalize environmental clearance procedures TSFA Grant Hawaii Road Usage Charge Demonstration PLN 4,000 8,000 4,000 TP FLEXIBLE PLN 3.125 2.500 625 Estimated Total Project Cost - \$12,000,000 -- This is a three-year, six-phase project that builds on existing a road usage charge (RUC) user-based revenue alternatives. The project involves setup and implementation of an accounting system to provide prototypical invoices (or "billings") for mileage driven and other direct communications about revenue alternatives to over 1 million motorists to a use and corresponding RUC, gas taxes paid, and other fees. The first demonstration activities will launch in the first half of 2017 with manual reporting and feature continuous feedback from motorists over 18 months The grant proposal can be downloaded at http://hidot.hawaii.gov/administration/library/publication Highway Program Peer Exchange (HDOT-CFL) 488 TP FLEXIBLE Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will developed, in part, in the form of workshops, roundtable discussions and other structured engagements TP FI EXIRI F Highway Research and Development Program PLN 850 680 1.280 680 850 680 850 680 Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program. Highway Safety Improvement Program (HSIP), Infrastructure PE1 50 Funding Program PE2 150 120 150 120 30 CON 740 666 2,000 1,800 Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures. Highway Safety Improvement Program (HSIP), Non - Infrastructure PLN/OPR 2,500 2.430 2,500 2,430 2,500 2,430 2,500 2,430 2,500 2,430 1SIP 2,430 2,500 Funding Program Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs. TP FLEXIBLE PF1 Highway Shoreline Protection, Statewide 40 40 PE2 150 120 120 CON 2,000 2,000 Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan Pedestrian Facilities and ADA Compliance at Various Locations TP FLEXIBLE PE1 108 130 104 PE2 58 70 56 CON 1.040 832 208 1.000 800 200 Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, vide progi Federal Lands Highway Access Discretionary Program PE/CON 265 265 265 265 265 265 265 ED LANDS HWY DISCRETIONARY 265 265 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. Safe Routes to School (SRTS) Program Non-infrastructure 200 200 200 200 200 200 100 100 SAFE ROLITES TO SCHOOL PE/CON 1,200 1,300 650 Infrastructure 1.300 1,300 1.300 650 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. S10. SNIPP - Statewide Noxious Invasive Pest Program OPR 3,090 2,472 618 3.100 2,480 656 164 STP FLEXIBLE Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program. TP FLEXIBLE S25. Statewide Freight Study PLN 408 325 Estimated Total Project Cost - \$400,000 -- This effort will develope a freight plan as required by FAST. The plan will be developed in consultation with freight stakeholders and will include identification of existing conditions and needs and development of a freight investment plan that includes a list of priority projects Statewide Highway Lighting and Traffic Signal Upgrade Program CON 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,00 4,800 5,000 5.000 5.00 5.000 5.00 5.000 5.00 5.000 5.000 5.000 5.000 5,000 5.00 Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals. Statewide Signing, Striping and Pavement Marking Program CON 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 PF-CON 5.000 5 000 5,000 0 5,000 5.000 5.000 5.000 5 000 5 000 5 000 5.000 5.000 Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping. S13 Statewide Guardrail and Shoulder Improvement Program CON 5.000 5,000 5,000 5.000 5.00 5.000 5.00 5,000 5.00 5.000 5.000 OCAL 5.000 PE-CON 5.000 5.000 5.000 5.000 5.000 5.00 5.000 5.000 5.000 5.000 5.000 5.000 Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders Structural Countermeasures for Scour Critical Bridges 3.000 3.000 OCAL 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.

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Project Criteria Colo	r Key: GREE	N = SYSTEM P	RESERVATION	N PURPLE = S	SAFETY IMPRO	VEMENTS BE	OWN = CONG	ESTION MITIGAT	ON PINK =	MODERNIZATION	ORANGE = E	NHANCEMEN	T BLUE = HUI	MAN SERVICE	S TRANSPORT	TATION PROGR	AM TURQUO	ISE = TRANSI	Г	
-1		FFY2015	(Oct 1, 14 - Se	р 30, 15)	FFY2016	(Oct 1, 15 - Se)	30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - Se	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	(-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-
PROJECT	DUASE	TOTAL (x\$1000)	FEDERAL (v\$1000)	LOCAL (v\$1000)	TOTAL (v\$1000)	FEDERAL /v\$1000	LOCAL (v\$1000)	TOTAL (*\$1000)	FEDERAL (v\$1000)	LOGAL (v\$1000)	TOTAL (*\$1000)	FEDERAL (v\$1000)	LOCAL (*\$4000)	TOTAL (v\$1000)	FEDERAL (v\$1000)	LOCAL	TOTAL (v\$1000)	FEDERAL (v\$1000)	LOCAL (v\$1000)	FUND CATEGORY & REMARKS
S15. Technology Transfer and Technical Assistance Program	PIN	(X\$1000) 150	120	( <b>x31000</b> )	(X\$1000)	120	(x\$1000)	(x31000)	120	(x\$1000)	( <b>X31000)</b>	120	(X\$1000)	(\$\$1000)	120	(X\$1000)	150	(2000)		STP FLEXIBLE
Modern   Modern	7 2.1	100	120	00	100	120	00	100	120	00	100	120	50	100	120	00	100		00	1
Estimated Total Project Cost - \$1,250,000 Conduct training and technology train	nsfer activities f	or government a	nd private trans	portation personi	nel.															1
S16. Traffic Counting Stations, Various Locations	CON										1,500	1,200	300							STP FLEXIBLE
Modern																				1
Estimated Total Project Cost - \$4,500,000 Construction of traffic counting station	ons on the islar	ds of Hawaii an	d Maui for traffic	data gathering a	and planning pur	ooses. There will	be a separate	Oahu phase showr	in the Oahu T	IP										1
S26. Transportation Alternative Program	PE/CON							2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP
Enhance																				i
Estimated Total Project Cost - ~\$3.3 million/year The Transportation Alternativ	es Program (T	AP) is a competi	tive grant progra	am that provides	funding for progr	ams and project:	defined as trai	nsportation alterna	ives, including	on- and off-road p	edestrian and bicy	ycle facilities, ir	nfrastructure proje	cts						i
for improving non-driver access to public transportation and enhanced mobility, a															identified.					1
STATEWIDE - FHWA TOTAL		37,705	6,693	31,012	36,045	5,625	30,420	53,436	17,116	36,320	59,980	27,348	32,632	49,985	14,127	35,858	44,165	11,981	32,184	1

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Co		EN = SYSTEM I	PRESERVATIO								ON ORANGE = EN									
	1:::::	FFY201	5 (Oct 1, 14 - S	ep 30, 15)	FFY2016	6 (Oct 1, 15 - Se	p 30, 16)	FFY2017 (	Oct 1, 16 - Sc	p 30, 17)	FFY2018 (C	Oct 1, 17 - Se	p 30, 18)	FFY20	19 (Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	ep-30, 20)	
- Реојест	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
STATEWIDE - FTA																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
Human					.,,					·			-							(-)(-)
Estimated Total Project Cost - \$787,000 FTA Section 5311(b)(2) Rural Trans	oortation Assist			om the RTAP pro	gram will be utiliz		chnical assistan	ce to the Rural Tran		viders.										
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
Estimated Total Project Cost - \$1,980,000 FTA Section 5311 Nonurbanized A	rea Formula Pi	ogram.																		
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$2,867,000 Enhanced Mobility of Seniors and	Individuals with	Disabilities (Sec	tion 5310 - Non-	-Urban). Funds fr	om program will l	be utilized for the	purchase of ve	ehicles.												
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
Transit																				
Estimated Total Project Cost - \$962,000 FTA Statewide Planning (Section 53	04). Funds will	be utilized for she	ort range transit	plans and civil rig	hts studies															
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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Project Criteria Colo	r Key: GRE	EN = SYSTEM F	PRESERVATIO	N PURPLE = S	SAFETY IMPRO	VEMENTS BR	OWN = CONG	ESTION MITIGATION PINK =			JMAN SERVICES TRANSPOR			TRANSIT	
		FFY201	5 (Oct 1, 14 - Se	p 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Se	p 30, 17) FFY2018 (Oct 1, 17 - \$e	p 30, 18)	FFY2019 (Oct 1, 18 - S	Sep 30, 19)	FFY2020 (Oct	l, 19 - Sep 30, 20)	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL FEDERAL	LOGAL TOTAL FEDERAL	LOCAL	TOTAL FEDERAL	LOCAL	TOTAL FE	DERAL LOCAL	FUND CATEGORY & REMARKS
PROJECT:	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL FEDERAL (x\$1000)	LOGAL TOTAL FEDERAL (x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x	(x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - STATEWIDE															
NHPP (National Highway Performance Program)			2,480			0		2,800	10,800		2,800			2,800	
BRIDGE OFF-SYSTEM			0			0		0	0		0			0	
STP ENHANCEMENT / TAP			0			0		1,840	1,840		1,840			1,840	
STP FLEXIBLE			1,318			1,430		4,221	9,847		5,882			2,846	
SECTION 1404 - (Safe Routes to School)			200			1,500		1,400	1,500		750			0	
HSIP (Highway Safety Improvement Program)			2,430			2,430		2,590	3,096		2,590			4,230	1
NATIONAL RECREATIONAL TRAILS			0			0		0	0		0			0	
CMAQ (Congestion Mitigation Air Quality)			0			0		0	0		0			0	
FTA TRANSFER FUNDS			0			0		0	0		0			0	
EQUITY BONUS			0			0		0	0		0			0	
EARMARK - HIGH PRIORITY			0			0		0	0		0			0	
EARMARK - RE-PURPOSED EARMARKS			0			0		0	0		0			0	
STSFA GRANTS			0			0		4,000	0		0			0	
EARMARK - SECTION 115			0			0		0	0		0			0	
EARMARK - SECTION 117			0			0		0	0		0			0	
FLHD (Federal Lands Highway Discretionary)			265			265		265	265		265			265	
NRCS (National Resources Conservation Service)			0			0		0	0		0			0	
DISCRETIONARY			0			0		0	0		0			0	
H-3 DISCRETIONARY			0			0		0	0		0			0	
IMD (NHPP Discretionary)			0			0		0	0		0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0	0		0			0	
		•				•									
	SUBTOTAL		6,693			5,625		17,116	27,348		14,127			11,981	
LESS DISCRETIONARY, DEMOETC. PROJECTS			(265)			(265)		(4,265)	(265)		(265)	)		(265)	
LESS FTA TRANSFER FUNDS			0			0		0	0		0			0	
			·			·		·	· ·		•			-	
REGULAR FORMULA AUTHORITY	TOTAL		6,428			5,360		12,851	27,083		13,862			11,716	

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PROJEÇT.	PHASE	TGTAL (x\$1000)	5 (Oct 1, 14 - Sep FEDERAL (x\$1000)	30, 15) LOCAL (x\$1000)	FFY2016 (C TOTAL (x\$1000)	ct 1, 15 - Sep 3 EDERAL (x\$1000)	0, 16) LOCAL (x\$1000)	FFY2017 (C TOTAL (x\$1000)	Oct 1, 16 - Sep FEDERAL (x\$1000)	30, 17) LOGAL (x\$1000)	FFY2018 TOTAL (x\$1000)	(Oct 1, 17 - So FEDERAL (x\$1000)	ep 30, 18) LOCAL (x\$1000)	FFY201: TOTAL (x\$1000)	9 (Oct 1, 18 - S FEDERAL (x\$1000)	Eep 30, 19) LOGAL (x\$1000)	FFY2020 TOTAL (x\$1000)	(Oct 1, 19 - Se FEDERAL (x\$1000)	20, 20) LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OAHU: STATE - FHWA																				
Bridge and Pavement Improvement Program, Oahu	CON	20,584	0	20,584	33,200	0	33,200	25,400	0	25,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
Kamehameha Highway (Route 83) Resurfacing,	CON	14,551	1,835	12,716																
Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66	ADVCON				0	10,000	(10,000)	)												
Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place,	CON	17,700	14,600	3,100																
Farrington Highway (Rte 93) Resurfacing	CON				16,000	12,800	3,200													
Kili Street to Satellite Tracking Station																				
Mokapu Saddle Road (RTE 65) Resurfacing Nanamoana Street to Oneawa Street	CON							10,000	8,000	2,000										
Kalihi Street (RTE 63) Resurfacing	CON							9,000	0	9,000										
Nimitz Hwy to School Street (MP 0 - 1.15)	ADVCON										0	7,200	(7,200)							
Estimated Total Project Cost - \$237,800,000System maintenance of high Yearly lump sum amounts represent total Special Maintenance Program (S	way b <u>ridges and pa</u> MP) State funding le	vements. Work i	nay include bridge a	and/or pavem 2 And SMP is	ent reconstruction, n	surfacing, rest	ration, rehal r or mainten	pilitation and/or prese	not normally o	ccur annually SI	AP funds have fu	nded resurfacir	ng and navement a	and hridge pres	envation project	te (Svetam Praes	anyation)			
The current list of prioritized proposed SMP projects has been posted on the	e STIP website at:											rosunatii	ig and pavement a	a bridge pres	o. valion project	Joystom i 1636	a vaciony.			
Farrington Highway (Route 93), Bridge Rehabilitation	ROW		$\perp$					$\perp$			597	478	119	0.45-	0.75	4.0				NHPP
Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
Estimated Total Project Cost - \$10,500,000 Rehabilitate bridge to meet co	urrent design standa			ning, widening	, improving shoulde	s, and upgradir	g railings.													
Farrington Highway (Route 93), Bridge Replacement	CON	13,500		8,700																NHPP
Maipalaoa Bridge	ADVCON		<del>                                     </del>		0	6,000	(6,000	)												
Estimated Total Project Cost - \$16,560,000 Replace the existing bridge w	ith a concrete struc	ture that meets o	urrent bridge stand	lards.																
Farrington Highway (Route 93), Bridge Replacement	ROW										1,170	936	234							NHPP
Makaha Bridges #3 & #3A	CON ADVCON							<del>                                     </del>						22,000	7,600	14,400	0	10,000	(10,000)	
																	Ü	10,000	(10,000)	
	the vicinity of Make	aha Boach Bark	For both bridges	the seems incl	ides widening the no	vad chouldare	on the makai	aida from 2 foot to 1	O foot: and win	laning the moule	side from 1 foot	to 10 feet. Thi	s is to accommoda	ate bicyclists an	nd nedestrians					
Estimated Total Project Cost - \$25,200,000 Replace two timber bridges in		ana Deach Faik.	i oi boiii biiuges, i	ine scope inci	ides widerling the pe	ved shoulders	on the mana				1 0100 110111 1 1001	TO TO TOOL. TIM	0 10 10 000011111000	,	o podootrano.					DE DUDDOOED EADMADIGO
Farrington Highway (Route 93) Corridor Study  St  Estimated Total Project Cost - \$500,000 Conduct a corridor/leasibility stu Freeway Management System,	PLN							500	400	100										RE-PURPOSED EARMARKS
Farrington Highway (Route 93) Corridor Study  St  Estimated Total Project Cost - \$500,000 Conduct a corridor/feasibility stu	PLN							500 nendations to provide	400	100										
Farrington Highway (Route 93) Corridor Study  St  Estimated Total Project Cost - \$500,000 — Conduct a corridor/fleasibility stu Freeway Management System, Interstate H-1,H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3	PLN dy of the Nanakuli, I ADVCON CON		and Makaha corrido	r on the island		jective of ident	fying recomn	nendations to provide	400	100	of the area, redu	cing congestion	i, increasing capac							
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/fleasibility stu Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	PLN  dy of the Nanakuli, I  ADVCON  CON  CON		and Makaha corrido	r on the island	of Oahu with the ol	jective of ident	fying recomm	nendations to provide	400	100		cing congestion			ing safety.	(0.400)				
Farrington Highway (Route 93) Corridor Study  St  Estimated Total Project Cost - \$500,000 — Conduct a corridor/fleasibility stu Freeway Management System, Interstate H-1,H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON		and Makaha corrido	r on the island	of Oahu with the ol	jective of ident	(1,200 1,020	500 mendations to provide	400	100	of the area, redu	cing congestion	i, increasing capac			(8,160)				
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/fleasibility stu Freeway Management System,  Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),  Phase 1C - Part 2  Phase 1C Part 3  Phase 2A	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON OPR PE1		and Makaha corrido	r on the island	of Oahu with the ol	1,200 4,080	fying recomm	500 mendations to provide	400	100	of the area, redu	cing congestion	n, increasing capac	ity, and improv	ing safety.					
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/leasibility stu Freeway Management System, Interstate H-1,H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3 Phase 2A  System Manager	ADVCON  CON CON ADVCON OPR PE1 PE2		and Makaha corrido	r on the island	of Oahu with the ol	1,200 4,080	(1,200 1,020	500 mendations to provide	400	100	of the area, reduced the area and the area a	cing congestion	n, increasing capac		ing safety.					
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/leasibility stu Freeway Management System, Interstate H-1,H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3 Phase 2A  System Manager	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON  OPR PE1 PE2 CON		and Makaha corrido	r on the island	of Oahu with the ol	1,200 4,080	(1,200 1,020	500 mendations to provide	400	100	of the area, reduced the area and the area a	cing congestion	n, increasing capac	ity, and improv	ing safety.			4,000	6,200	
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/leasibility stu Freeway Management System, Interstate H-I, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3 Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 — The program consists of ins	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON  OPR PE1 PE2 CON ADVCON ADVCON ADVCON ADVCON ADVCON	Maili, Waianae, o	5,000 SCTV) cameras, ve	(5,000)	of Oahu with the of	1,200 4,080 1,616	(1,200 1,020 404	nendations to provide	400 e a second acc	ess into and out	10,200 1,380	0 1,104	10,200 276 em improvements.	0 This program	8,160	146		4,000	6,200	
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/leasibility stu- Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 The program consists of ins. The Freeway Management System's System Manager will assist the State	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON OPR PE1 PE2 CON ADVCON ADVCON ADVCON in the Nanakuli, II  ADVCON OPR ADVCON A	Maili, Waianae, o	5,000 SCTV) cameras, ve	(5,000)	of Oahu with the of	1,200 4,080 1,616	(1,200 1,020 404	nendations to provide	400 e a second acc	ess into and out	10,200 1,380	0 1,104	10,200 276 em improvements.	0 730 This program	8,160	146	10,200	,,,,,		NHPP
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/leasibility stu Freeway Management System, Interstate H-I, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3 Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 — The program consists of ins	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON  OPR PE1 PE2 CON ADVCON ADVCON ADVCON ADVCON ADVCON	Maili, Waianae, o	5,000 SCTV) cameras, ve	(5,000)	of Oahu with the of	1,200 4,080 1,616	(1,200 1,020 404	nendations to provide	400 e a second acc	ess into and out	10,200 1,380	0 1,104	10,200 276 em improvements.	0 This program	8,160	146 ented in phases.		4,000		
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Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/leasibility stu Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 — The program consists of ins The Freeway Management System's System Manager will assist the State Freeway Management System, Joint Traffic Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 — These funds will be required for	PLN  ADVCON  CON CON ADVCON OPR PE1 PE2 CON ADVCON ADVCON OPR OPR PE3 OPR  ADVCON OPR  PE4 PF2 CON ADVCON OPR  ADVCON OPR  The State share of	Maili, Waianae,  0  ircuit television (guiding the Inteli	5,000  5,000  CCTV) cameras, ve gent Transportation	(5,000) (5,000) thicle detector	of Oahu with the ol	1,200 4,080 1,616  munication equides software cultiling operation	(1,200 1,020 404 404 ipment. Minievelopment,	soo mendations to provide	as a second acc	ess into and out  Control Center with a coeptance tes	10,200 1,380 If be done to accuting, performance 350	0 1,104 280 200qy that involved	10,200  10,200  276  em improvements nd strategic plannia ves the estimated	0 This program 350 square footage	8,160 8,160 8,160 4,160	146 ented in phases.	10,200	280	70	NHPP
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Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/leasibility stu- Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 The program consists of ins The Freeway Management System's System Manager will assist the State Freeway Management Cystem, Joint Traffic Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 These funds will be required for Freeway Service Patrol  Estimated Total Project Cost - \$2,1,000,000 Operate roving service patrol Guardrail and Shoulder Improvements, Various Locations	PLN  dy of the Nanakuli, i  ADVCON  CON CON ADVCON  PE1 PE2 CON ADVCON ADVCON OPR PE1 PE2 CON ADVCON OPR OPR  OPR  OPR  S. Services include i	Maili, Waianae,  0  ircuit television (guiding the Intell the annual oper 3,500	5,000  5,000  CCTV) cameras, ve gent Transportation  ating expenses for 1 3,150	(5,000) (5,000) (5,000) (5,000) (5,000) (5,000)	of Oahu with the of 5,100 2,02	1,200 1,616 1,616 1,616 munication equides software a utiliting operation and utilities are operated by the operation and utilities ar	(1,200 1,020 404 ipment. Minevelopment, ans and a JTT 350 oloying traffic	or interior modificatic equipment procurer  MC Manager. The St. 3,500	as econd acc	control Center w., acceptance tes	10,200  1,380  1,380  Il be done to accepting, performance 350  assed on methods 3,500	0 1,104 280 280 280 280 280 280 280 280 280 280	10,200  10,200  276  an improvements.  70  ves the estimated. 350	0 This program 350 square footages 3,500	8,160 8,160 884 will be implementative State 3,150	nted in phases. 70 will occupy.	350 3,500	280	70	NHPP  NHPP
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Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 — Conduct a corridor/fleasibility stu Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 — The program consists of ins The Freeway Management System's System Manager will assist the State Freeway Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 — These funds will be required for Freeway Service Patrol  Estimated Total Project Cost - \$21,000,000 — Operate roving service patrol Guardrail and Shoulder Improvements, Various Locations Phase 1	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON OPR PE1 PE2 CON ADVCON OPR OPR OPR OPR OPR OPR  or the State share of OPR S. Services include I  CON PE1 CON PE1 CON PE1 CON PE1 CON PE1 CON	Maili, Waianae,  0  ircuit television (guiding the Intell the annual oper 3,500	5,000  5,000  CCTV) cameras, ve gent Transportation  ating expenses for 1 3,150	(5,000) (5,000) (5,000) (5,000) (5,000) (5,000)	of Oahu with the of 5,100 2,02	1,200 1,616 1,616 1,616 munication equides software a utiliting operation and utilities are operated by the operation and utilities ar	(1,200 1,020 404 ipment. Minevelopment, ans and a JTT 350 oloying traffic	or interior modificatic equipment procurer  MC Manager. The St. 3,500	as econd acc	control Center w., acceptance tes	10,200  1,380  1,380  Il be done to accepting, performance 350  assed on methods 3,500	0 1,104 280 280 280 280 280 280 280 280 280 280	10,200  10,200  276  an improvements.  70  ves the estimated. 350	0 This program 39. 350 square footages 3,500 r injured motor	safety.  8,160  8,160  584  will be implemented that the State 3,150  sists with basic	nted in phases. 70 will occupy. 350	350 3,500 3,500	280	70	NHPP  NHPP
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Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/leasibility stu- Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 The program consists of ins. The Freeway Management System's System Manager will assist the State- Freeway Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 These funds will be required for Freeway Service Patrol  State State Total Project Cost - \$21,000,000 Operate roving service patrol Guardrall and Shoulder Improvements, Various Locations Phase 1  Phase 2  Phase 3  Estimated Total Project Cost - \$10,000,000 Install and upgrade guardralis  Estimated Total Project Cost - \$10,000,000 Install and upgrade guardralis	PLN  dy of the Nanakuli, I  ADVCON  CON CON ADVCON PE1 PE2 CON ADVCON OPR PE1 PE2 CON ADVCON OPR OPR CON CON ADVCON OPR PE1 PE2 CON PR CON PR COPR COPR CON COPR COPR COPR COPR CON PE1 PE2 COPR CON PE1 PE2 PE1	Maili, Waianae,  0  ircuit television ( guiding the Intell  the annual oper 3,500 towing of disable	5,000  5,000  CTV) cameras, ve gent Transportation ating expenses for 3,150 d vehicles, removin	(5,000) (5,000) (5,000) (5,000) (5,000) (6,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000)	s, crash attenuators	1,200 1,816 1,616 1,616 munication equides software c dispersion and the software control of the softw	(1,200 1,020 404 404 ipment. Minevelopment, as and a JTT as and a JTT as and a JTT definition of the second of the	or interior modificatic equipment procuren  MC Manager. The St. 3,500  control devices, as:	as a second acc	control Center was, acceptance tes	10,200 1,380 1,380 Il be done to accetting, performance 350 assed on methods 3,500 at crash scenes	0 1,104 commodate system of the monitoring, at 280 cology that involves 3,150 & other incider	10,200  10,200  276  em improvements, at strategic planni 70  ves the estimated 350  its, assisting sick of the strategic planni 150  i	0 This program 39. 350 square footages 3,500 r injured motor	safety.  8,160  8,160  584  will be implemented that the State 3,150  sists with basic	nted in phases. 70 will occupy. 350	350 3,500 ng 911 of inciden	280 3,150 s.	70	NHPP  NHPP  NHPP
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/fleasibility stu Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 The program consists of ins The Freeway Management System's System Manager will assist the State Freeway Management System, Joint Traffic Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 These funds will be required for Freeway Service Patrol  Estimated Total Project Cost - \$21,000,000 Operate roving service patrol Guardrall and Shoulder Improvements, Various Locations Phase 1  Phase 2  Phase 3  Estimated Total Project Cost - \$10,000,000 Install and upgrade guardralist Honolulu Rail Transit Project - Highway Improvements	PLN  dy of the Nanakuli, I  ADVCON  CON  CON  ADVCON  PE1  PE2  CON  ADVCON  OPR  PE1  PE2  CON  ADVCON  CON  ADVCON  CON  ADVCON  CON  PE1  CON	Maili, Waianae,  0  ircuit television ( guiding the Intell  the annual oper 3,500  towing of disable	5,000  5,000  5,000  CCTV) cameras, ve gent Transportation  ating expenses for a 3,150  d vehicles, removir	(5,000) (5,000) (5,000) (5,000) (5,000) (6,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000)	of Oahu with the of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,200 1,616 1,616 1,616  munication equides software or description of the software of the sof	(1,200 1,020 1,020 404 ipment. Minevelopment, 350 oloying traffic 446 drainage, ar 750	nendations to provide  pendations to pendations to provide pendations to pendations to provide pendations to provide pendations to provide pendations to pendations to pendations to pendations to pendati	as econd acc	control Center with a speed calculated by the control Emission Center with a speed calculated by the calculate	10,200 1,380 1,380 Il be done to accciting, performance 350 assed on methodo 3,500 at crash scenes	ommodate system of the incider of th	10,200  10,200  276  as improvements.  d strategic planni 70  ves the estimated 350  hts, assisting sick of	0 This program 99. 350 square footage 777 177	safety.  8,160  8,160  584  will be implemented that the State 3,150  issts with basic	nted in phases.  70 will occupy. 350 first aid, & notifyi	350 3,500 ng 911 of inciden 94	280 3,150 s.	70	NHPP  NHPP  NHPP
Farrington Highway (Route 93) Corridor Study  Estimated Total Project Cost - \$500,000 Conduct a corridor/leasibility stu- Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2  Phase 1C Part 3  Phase 2A  System Manager Phase 3  Estimated Total Project Cost - \$200,000,000 The program consists of ins. The Freeway Management System's System Manager will assist the State- Freeway Management Center Operations (State)  Estimated Total Project Cost - \$1,400,000 These funds will be required for Freeway Service Patrol  State State Total Project Cost - \$21,000,000 Operate roving service patrol Guardrall and Shoulder Improvements, Various Locations Phase 1  Phase 2  Phase 3  Estimated Total Project Cost - \$10,000,000 Install and upgrade guardralis  Estimated Total Project Cost - \$10,000,000 Install and upgrade guardralis	PLN  dy of the Nanakuli, I  ADVCON  CON  CON  ADVCON  PE1  PE2  CON  ADVCON  OPR  PE1  PE2  CON  ADVCON  OPR  OPR  OPR  CON  OPR  OPR  CON  PE1  PE2  PE2  CON  CON  PE1  CON  PE1  CON  PE1  CON  PE1  CON  PE1  PE2  PE2  PE1  CON	Maili, Waianae,  0  ircuit television ( guiding the Intell  the annual oper 3,500  towing of disable	and Makaha corrido  5,000  5,000  5,000  CCTV) cameras, ve gent Transportation  aling expenses for 1  3,150  d vehicles, removir.	(5,000) (5,000) (5,000) (5,000) (5,000) (6,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000) (7,000)	of Oahu with the of 5,100 5,100 2,020 2,020 5, cabinets, and con program. This includes normal to the includes normal to 2,228	1,200 1,616 1,616 1,616  munication equides software or description of the software of the sof	(1,200 1,020 1,020 404 ipment. Minevelopment, 350 oloying traffic 446 drainage, ar 750	nendations to provide  pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to provide pendations to	as econd acc	control Center with a speed calculated by the control Emission Center with a speed calculated by the calculate	10,200 1,380 1,380 Il be done to accciting, performance 350 assed on methodo 3,500 at crash scenes	ongestion  1,104  1,104  mmodate system on on one of the other incider  15,000  mehemeha Higi	n, increasing capacian, increa	0 This program 99. 350 square footage 777 177	safety.  8,160  8,160  584  will be implemented that the State 3,150  issts with basic	146  ented in phases.  70  will occupy. 350  first aid, & notifyi	350 3,500 ng 911 of inciden 94	280 3,150 s.	350 350 94 34	NHPP  NHPP  NHPP

#### STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Revision Effective Date: August 16, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM 
 TOTAL
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 TOTAL FEDERAL LOCAL LOCAL TOTAL FEDERAL LOGAL TOTAL (x\$1000) (x\$1000) (x\$1000) (x\$1000) FEDERAL LOCAL FUND CATEGORY & REMARKS PROJECT PHASE (x\$1000) (x\$1000) (x\$1000) (x\$1000) OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase II CON 7.140 2,712 4.428 ADVCON 3,000 (3.000) Phase III DES 554 499 CON 6.000 5.400 600 Estimated Total Project Cost - \$17,000,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201 OS13. Interstate Route H-1, Bridge Rehabilitation, ROW res Kapalama Canal (Halona Street Bridge) CON 6.300 5.040 1.260 Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge. Interstate Route H-1, Corridor Study, Short Term Improvements PE1 OS58. 2,040 IHPP Congest ADVCON 1,632 (1,632) Estimated Total Project Cost - \$15,000,000 -- Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study OS56. Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, CON 4,162 2,300 1,862 terstate Maintenance Discretionary ongest Lusitana Street Connection Estimated Total Project Cost - \$5,000,000 -- Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing. OS59. Interstate Route H-1, Eastbound Improvements, DES 900 900 OCAL Waiawa Interchange to Halawa Interchange Estimated Total Project Cost - \$90,000,000 - Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics OS14. Interstate Route H-1, Guardrail and Shoulder Improvements. CON 11 000 Afety Kapiolani Interchange to Ainakoa Avenue ADVCON (3.000 5.800 (5.800) Estimated Total Project Cost - \$12,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system OS15. Interstate Route H-1, Guardrail and Shoulder Improvements. CON IHPF 288 5.072 fety Middle Street (Route 7415) to Punchbowl Street (Route 7516) ADVCON 4 000 (4 000) CON 1.340 1.072 268 Estimated Total Project Cost - \$7,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards Interstate Route H-1, Highway Lighting Improvements 7,446 7,446 NHPP CON Pres Kaimakani OP to Middle Street. Phase 1 - MP 12.83 to 16.00 ADVCON 5.957 (5.957 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. OS17. Interstate Route H-1, Kapolei Interchange Complex CON 4,800 4,300 500 INTERSTATE DISCRETIONARY em Phase 2 CON 65.500 41.200 24,300 ADVCON 3,000 (3,000) 15.000 (15.000 Phase 3 DES 571 571 NHPP ROW 238 190 48 NHPF Estimated Total Project Cost - \$139,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps, Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges. OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct CON 25,200 8,000 17,200 Improvements, Phase 2 ADVCON Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases OS67. Interstate Route H-1. Reconstruction and Repair, Eastbound PE2/CON 80.000 7.500 72.500 NHPF (14 500) res Waimalu Interchange to Halawa ADVCON 14 500 34 000 (34,000 Estimated Total Project Cost - \$80,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelve OS20. Interstate Route H-1 Safety Improvement, 3,080 CON 1.000 **ISIP** ety Beginning of H-1 (Palailai IC) to Waiawa Overpass ADVCON 2,264 (2,264) Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing. OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and DES 1,080 JHPP 864 Halekou Interchange, Structures 1, 2 and 3 CON 6.240 4,992 1,248 Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards OS60. Kahekili Highway (Route 83) Improvements. NHPP 6.000 6.000 PE2 Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510) ADVCON 4.800 (4.800) Estimated Total Project Cost - \$68,000,000 -- Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project Cost is based on a potential full build alternative.

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

		FFY2015 (	(UCt 1, 14 - 5e)	p 30, 15)	FF1201	6 (UCT 1, 15 - 36	ep 30, 16)	FF12017	(0011, 10 - 30	p 30, 17)	PF12U10	(0011, 17 - 30	p 30, 10)	FF1201	9 (UCL 1, 10 - 30	ep 30, 19)	FF12020 (	Oct 1, 19 - Se	p 30, 20)	
₽воµе¢т-	li di	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL.	LOCAL	FUND CATEGORY & REMARKS
24. Kalanianaole Highway (Route 72), Bridge Replacement	CON													10,200		8,040				NHPP
Pres Inoaole Stream Bridge, Waimanalo	ADVCON																0	6,000	(6,000)	
Estimated Total Project Cost - \$11,500,000 Replace the existing bridge.																				
25. Kalanianaole Highway (Route 72) Improvements,	CON	13,500	10,800	2,700	1															NHPP
ety Olomana Golf Course to Vic. of Makai Pier																				
Phase I, Olomana Golf Course to Poalima Street																				
Estimated Total Project Cost - \$50,000,000 Construct traffic operational and sa	afety improvemen	nts on Kalaniana	ole Highway, fr	rom Olomana G	olf Course to Po	alima Street. Pr	oject includes tu	rning lanes, bus pu	ıllouts, and light	ing improvements	3.									
Kalanianaole Highway (Route 72) Improvements,     Olomana Golf Course to Vic. of Makai Pier																				NHPP
Phase 2 - Poalima Street (MP 3.2) to Aloiloi Street	DES				2,244	1,795	449													
	CON																13,300	10,640	2,660	
	CON																2,750	2,200		STP ENHANCEMENT
	CON								·								250	200	50	EARMARK - HIGH PRIORITY
Phase 3 - Aloiloi Street to Vic. of Makai Pier (MP 6.9)	DES		-		1,632	1,306	326		·											
Estimated Total Project Cost - \$50,000,000 Construct traffic operational and sa	fety improvemen	nts on Kalaniana	ole Highway, fr	rom Poalima Str	reet to vic. of Mai	kai Pier. Project	includes turning	lanes, bus pullouts	s, bicycle facility	l r improvements, li	I ghting improveme	nts and road wa	ay resurfacing.							
3 Kamehameha Highway (Route 83), Bridge Replacement	DES	1,300	1,040	260																NHPP
Pres Hoolapa (Nanahu) Stream Bridge	ROW	165	132	33																
	CON							2,500	2,000	500										
Estimated Total Project Cost - \$6,365,000 Replace the existing bridge	CON							2,000	1,600	400										RE-PURPOSED EARMARKS
27. Kamehameha Highway (Route 83), Bridge Rehabilitation	ROW													297	238	59				NHPP
Pres Makaua Stream Bridge	CON				1									237	200	33	6.367	1.094		
Makada Otteam Bridge	ADVCON																0,007	1,004	3,213	
Estimated Total Project Cost - \$7,400,000 Rehabilitate the existing 44-foot lond	a bridae by widen	ing and atrangth	nonina to most	ourrant Ctata at	tondordo															
<ol> <li>Kamehameha Highway (Route 83), Bridge Replacement</li> </ol>	CON	iing and strengt	iening to meet	current state st	ariuarus.									17.600	4.080	13.520				NHPP
Pres Kaipapau Stream Bridge	ADVCON																0	10,000	(10,000)	
Estimated Total Project Cost - \$21,600,000 Replace the existing bridge.	DOW										200	500	400							uunn .
29. Kamehameha Highway (Route 83), Bridge Replacement	ROW										663	530	133							NHPP
Pres Kaluanui Stream Bridge	CON													9,200	2,360	6,840	_	5.000	(=)	
	ADVCON																0	5,000	(5,000)	
Estimated Total Project Cost - \$11,000,000 Replace the existing bridge.																				
30. Kamehameha Highway (Route 83), Bridge Replacement	ROW	75	0	75																NHPP
Pres Kawela Stream Bridge	DES	1,100	880	220	1			0.000	F 0.40	4.000										
Estimated Total Project Cost - \$7,500,000 Replace the existing bridge.	CON				+			6,300	5,040	1,260										
54 Kamehameha Highway (Route 99), Bridge Rehabilitation	DES	1,800	1,440	360																NHPP
SPres Kipapa (Roosevelt) Stream Bridge	ROW	25	0	25	i															
Estimated Total Project Cost \$12,500,000 Patricklinet and heir discount	CON bridge up to mee	d ourrond Cd-d	tondord-		11,675	9,340	2,335													
Estimated Total Project Cost - \$13,500,000 Rehabilitate and bring the existing	ROW ROW	t current State s	tandards.		1		1				208	166	42							NHPP
Kamehameha Highway (Route 83), Bridge Replacement     Laieloa Stream Bridge	CON				1		1				208	166	42	9,740	792	8.948				MILE
Laielua Stream Bridge	ADVCON				+		1							9,740	792	8,948	0	7,000	(7,000)	
Estimated Total Project Cost - \$11,000,000 Replace the existing concrete slab	bridge on Kamel	hameha Highwa	y in the vicinity	of Laie.																
32. Kamehameha Highway (Route 83), Bridge Replacement	ROW										1,040	832	208							NHPP
Pres South Kahana Stream Bridge	CON													27,050	11,640	15,410				
Estimated Total Project Cost - \$30,300,000 Replace the existing bridge.	ADVCON				-												0	10,000	(10,000)	
34. Kamehameha Highway (Route 83), Bridge Replacement	ROW													585	468	117				NHPP
Pres Waiahole Bridge	CON													11.942		7.388				
** alanole bridge	ADVCON													11,942	4,004	1,368	0	5,000	(5,000)	
																	Ü	2,200	(2,200)	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

	FFY:	2015 (Oct 1, 14 - Sep 30, 15)	FFY201	6 (Oct 1, 15 - S	ep 30, 16)	FFY2017 (	Oct 1, 16 - Ser	p 30, 17)	FFY2018 (Oc	t 1, 17 - Sep	30, 18)	FFY2019 (	Oct 1, 18 - Se	o 30, 19)	FFY2020 (C	Oct 1, 19 - Se	p 30, 20)	
		FEDERAL LOCAL		FEDERAL					TOTAL F			TOTAL			TOTAL			FUND CATEGORY & REMARK
PROJECT		) (x\$1000) (x\$1000)													(x\$1000)			
5. Kamehameha Highway (Route 83), Bridge Replacement	ROW	/ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , , , , , , , , , , , , , , , , ,				( , , , , ,					281	225	56				JHPP
Pres Waikane Stream Bridge	CON		+									201	223	30	9,103	2,282	6,821	****
vvalkarie Stream Bridge	CON		+												9,103	2,202	0,021	
Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long	a bridge by widening and strer	nathoning to most current State star	ndarde															
Kamehameha Highway (Route 83), Bridge Replacement	ROW	igurering to meet current State star	idards.						1.020	816	204							JHPP
	11411					+			1,020	010	204	0.445	550	0.000			<u> </u>	NOTE
Pres Waipilopilo Stream Bridge	CON					+						9,445	556	8,889		7.000	(7.000)	
	ADVCON														0	7,000	(7,000)	
Estimated Total Project Cost - \$11,300,000 Replace the existing concrete T		way in the vicinity of Hauula.								_								
Kamehameha Highway (Route 83) Realignment,	PE2								2,900	0	2,900							NHPP
ty Vicinity of Kawailoa Beach	ADVCON											0	2,320	(2,320)				
	ROW														1,060	848	212	
Estimated Total Project Cost - \$39,000,000 Realign a portion of Kamehame		ore. The project proposes to constru					ty of Waimea B	Bay to address sat	fety issues that revolve	e around use	e of the beach.							
<ol> <li>Kamehameha Highway (Route 83) Safety Improvements</li> </ol>	CON		1,632	1,30	326	i .											I	HSIP
Kahana Valley Road to Kaaawa Bridge																		
Estimated Total Project Cost - \$1,850,000 Installation of milled rumble strips	on centerline and shoulders.	check superelevation along entire s	egment, paveme	ent markings, str	ping and signing	<i>j.</i>												
1 Kamehameha Highway (Route 83), Safety Improvements	CON								1,700	1,360	340						ŀ	HSIP
ty Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road					1				,									
Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strips	on centerline and shoulders	check superelevation along entire s	eament naveme	ent markings etr	ining and signing	,												
5 Kamehameha Highway (RTE 83) Shoreline Mitigation	PE1	Circux supercievation along entire s	100															NHPP
Pres Vicinity of Kualoa, Kaaawa, Punaluu and Hauula	PE2/CON		100	01	20	'						10.400	0	10.400				NOFF
vicinity of Kualoa, Kaaawa, Punaluu and Hauula	ADVCON											10,400	0	10,400		5.000	(5.000)	
5 % 4 / T 4 / D % 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1:1 1 12: 11 1													0	5,000	(5,000)	
Estimated Total Project Cost - \$11,100,000 Repair identified locations along		e a very high probability of further er	osion in the imm	ediate future.														
9. Kamehameha Highway (Route 83), Shoreline Protection,	CON											10,820	8,640	2,180			!	NHPP
ty Vicinity of Kaaawa (#10)																		
Estimated Total Project Cost - \$12,400,000 Construct shoreline protection n	neasures for areas in Kaaawa	(#10) susceptible to ocean erosion	due to high wave	action.														
<ol> <li>Kamehameha Highway (Route 83) Shoreline Protection,</li> </ol>	CON														7,650	6,120	1,530	NHPP
ty Vicinity of Punaluu (#9)																		
Estimated Total Project Cost - \$8,900,000 Construct shoreline protection me	easures for areas in Punaluu (	#9) susceptible to ocean erosion du	e to high wave a	ction.														
Kamehameha Highway (Route 83) Wetland Enhancement,	CON								6.500	0	6.500						1	NHPP
ance Vicinity of Ukoa Pond	ADVCON								.,		-,	0	5.200	(5,200)				
,												-	0,200	(0,200)				
Estimated Total Project Cost - \$7,700,000 Enhance wetlands near Ukoa Po	nd as a mitigation for previous	impacts and watland hanking for fu	tura usa This is	a wetland mitia	ation project on	the North Shore that	is related to the	e construction of	the Haleiwa Rynass F	Poad								
Kualakai Parkway (Route 8930) Extension	CON	impacts and wettand banking for it	ture use. Triis is	a welland milig	allori project ori i	and two tar on order and	is related to the	c construction or	18.100	0	18,100							STP FLEXIBLE
2. Rudiakai Faikway (Rudie 0500) Extension	ADVCON		+						10,100	0	10,100	0	8.000	(8,000)	0	6,480		31F I LEAIDLE
<del>sili</del>	ADVCON											U	0,000	(0,000)	U	0,400	(6,460)	
Federal and Testal Project Oct. 600,000,000, Federal Key 1,112,1	vimataly 0.0 miles from 10 1	lei Berlever de Berervelt A																
Estimated Total Project Cost - \$20,000,000 Extend Kualakai Parkway appro	ximately 0.3 miles from Kapoli	ei Parkway to Roosevelt Avenue.																TO ENILLANDEMENT
3. Leeward Bikeway					-													STP ENHANCEMENT
nce Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON								9,360	0	9,360							
	ADVCON				1							0	7,488	(7,488)				
Phase II - Hawaiian Railway Society Train Station to	PREROW								110	88	22							
Lualualei Naval Road	ROW														3,120	2,496	624	
	CON																	
Estimated Total Project Cost - \$19,000,000 Improve/build bikeway/bike path	from Waipio Point Access Ro	oad to Lualualei Naval Road.																
Moanalua Freeway (Route 78) and Interstate Route H-2	CON					4,400	0	4,400									I	NHPP
Guardrail and Shoulder Improvements	ADVCON								0	3,520	(3.520)							
										-,	(5,520)							
Estimated Total Project Cost - \$5,000,000 Install and/or upgrade the existing	a auardraile Reconstruct and	nave mad shoulders			1													
<ol> <li>Moanalua Freeway (Route H-201), Highway Lighting Improvements</li> </ol>	CON CON	pare road stroutders.	1	1	+	12.200	0	12,200		+							,	NHPP
		<del></del>		1	+	12,200	U	12,200		4.005	(4.5)		5.50-	(5.5)				MILL
Pres MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON				-				0	4,260	(4,260)	0	5,500	(5,500)				
(					1													
					U 1 4 // /	1 Erooway morgo at	Middle Street I	(milenost 4 (10)										
Estimated Total Project Cost - \$13,000,000 Upgrade/replace existing freewo		ay, from the Halawa Heights westbo	ound off-ramp (m	illepost 1.12) to	ne ivioanalua/H-	Trieeway merge at	Wildale Olicet	(micpost 4.00).										
Estimated Total Project Cost - \$13,000,000 Upgrade/replace existing freewee 6. Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON	yay, from the Halawa Heights westbo	ound off-ramp (m	illepost 1.12) to	ne ivioanalua/H-	Treeway merge at	widdie Olicer	тторозс 4.00).	2,533	26	2,507							NHPP
Estimated Total Project Cost - \$13,000,000 Upgrade/replace existing freewo		ay, from the Halawa Heights westbo	ound off-ramp (m	illepost 1.12) to	ne ivioanaiua/n-	T Treeway merge at	Wildare Officer	micpost 4.00).	2,533	26	2,507	0	2,000	(2,000)			1	NHPP

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Colo		EN = SYSTEM F	PRESERVATIO		SAFETY IMPRO		ROWN = CONC	SESTION MITIGATION	PINK =	MODERNIZATION			IT BLUE = HUN					ISE = TRANS		
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL F (x\$1000)	ct 1, 16 - Se EDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	p 30, 18) LOCAL (x\$1000)	TOTAL (x\$1000)	9 (Oct 1, 18 - S FEDERAL (x\$1000)	ep 30, 19) LOGAL (x\$1000)	TOTAL (x\$1000)	(Oct 1, 19 - 8 FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OS62. Pali Highway (Route 61) Resurfacing & Lighting Improvements  SysPres Vineyard Blvd (Route 98) Kameharmeha Highway (Route 83)																				NHPP
Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy &	CON							69,000	24,000	45,000										
Resurf. Waokanaka St. to Kamehameha Hwy.	ADVCON										0	10,200	(10,200)	0	21,000	(21,000)	)			
Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St	CON							4,300	3,440	860				18.000	4,400	13,600				HSIP
Pri 2 - Resurracing, Vineyard Bivd to Waokanaka St	ADVCON													18,000	4,400	13,600	0	10.000	(10,000)	NHPP
Estimated Total Project Cost \$96,000,000 Scope of work includes but is not		olaning, resurfac	ing, reconstruct	ion of weakened <sub>l</sub>	pavement, instal	ation of new hig	hway lighting, c	onstruction of concrete	e median ba	arriers, replacement	of guardrails in-kir	nd and end tre	eatments, installa	ion of new gu	ardrails,			,	(10,000)	
installing bridge rails, and installation of signs and pavement markings.																				
OS49 Recreational Trails Program - Oahu  Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287		NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$2,154,000 A Federal-aid assistance program to	help the State	provide and ma	aintain recreation	nal trails for both	motorized and no	n-motorized red	reational use.													,
OS52 Sand Island Access Road (Route 64), Truck Weigh Station	DES	ľ			135	0	135													NHPP
Safety Kapalama Container Terminal	PREROW				130	0	130													
	ROW										3,060	2,448	612							
	CON										5,100	80	5,020							
	ADVCON													0	4,000	(4,000)				
Estimated Total Project Cost - \$9,000,000 design, construct & operate a truck	weigh station to	perform truck in	nspections & dri	ver credential che	ecks @ the egres	s of the contain	er terminal on S	and Island Acc Rd. T	his includes	aux. lanes to accor	mmodate trucks, tr	affic controls,	truck weighing in	rastructure &	computer hardw	are/software, op	erator kiosk/offic	э.		
OS63. Traffic Counting Stations, Various Locations	CON							2,500	0	2,500										STP FLEXIBLE
Modern	ADVCON										0	2,000	(2,000)							
Estimated Total Project Cost - \$4,500,000 Construction of traffic counting station	ons for traffic da	ata gathering an	d planning purp	oses. There is a s	separate phase s	hown for the res	t of the islands	in Statewide section o	f the STIP.	This is a part of pha	se 2 of the Statew	ide project. Ti	he project will colle	ect required Hi	ghway Performa	ance Monitoring	System (HPMS)	data.		
OAHU: STATE - FHWA TOTAL		158,769	89,719	69,050	100,095	68,760	31,335	277,376	95,684	181,692	141,009	77,970	63,039	220,006	185,242	34,764	120,158	123,468	(3,310)	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Co	lor Key: GRE	EN = SYSTEM	PRESERVATIO	N PURPLE = S	SAFETY IMPRO	VEMENTS BE	ROWN = CONG	ESTION MITIGAT	TION PINK =	MODERNIZATIO	N ORANGE = E	NHANCEMEN	T BLUE = HU	MAN SERVICE	S TRANSPOR	TATION PROGR	RAM TURQUO	(SE = TRANSIT	г	
		FFY20	5 (Oct 1, 14 - \$	ep 30, 15)	FFY2010	(Oct 1, 15 - Se	p 30, 16)	FFY2017	7 (Oct 1, 16 - S	ep 30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - \$	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
PROJEÇT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OAHU: STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
Human Human																				
Estimated Total Project Cost - \$7,156,000 Enhanced Mobility of Seniors and	Individuals with	Disabilities (Sec	tion 5310 - Urba	n) Funds from pr	ogram will be uti	ized for the purc	hase of buses-	for the program au	udience.											
OS68. HDOT State Safety Oversight Program	OPR							875	700	175	225	180	45	225	180	45	225	180	45	FTA SECTION 5329
Transit																				
Estimated Total Project Cost - \$1,775,000 This funding will provide operation	al resources for	the HDOT Stat	e Safety Oversig	ht Program admii	nistered by the F	IDOT Rail Transi	it Safety Office a	and will Implement	t 49 CFR Part 6	674 State Safety C	versight Final Rule	4								
OAHU: STATE - FTA TOTAL		482	385	97	497	397	100	1,387	1,109	278	754	602	152	771	615	156	789	629	160	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

	[ • [ • [ • ]	FFY201	5 (Oct 1, 14 - S	эр 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	Oct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - Se	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	[+:+:+:+:+:+:+:+:+:+:+:+:+:+:+:+:+:+:+:
PROJECT:	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARK
CITY & COUNTY OF HONOLULU - FHWA																				
Alapai Transportation Management Center	DES	1		1	6	1	5	10	0	10										STP FLEXIBLE
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										
	ADVCON	0	12,674	(12,674)	0	16,000	(16,000)													
	EQP	1	0	1	1,700	0	1,700	200	0	200										
	OPR										300	240	60							
Estimated Total Project Cost - \$97,813,000 A joint communications center to be	e built behind	the Alapai Trans	it Center. The co	ommunications ce	nter will hold Cit	y, State & emerg	ency response	agencies.												
Bikeway Improvements Program																				
ce Hamakua Drive (RTE 6010)	PE2				1	0	1	103	66	37										STP FLEXIBLE
	CON							677	541	136	100	80	20							
	INSP							157	125	32	50	40	10							
TBD - DES 2019	ROW													1	0	1				
155 525 2010	PE1													425	300	125				
	PE2													.20		120	125	100	25	
TBD - DES 2020	ROW																1		1	
100 000 2020	PE1																425	300	125	
	1 - 1																720	300	120	
Estimated Total Project Cost - \$6,695,000 An on-going islandwide program for	than inna 1		Discusta Massas	- Di i					hi											
	the implement DFS	900			nts, the develop			grade or existing i	bicycie projects	526	900	720	180	1.000	800	200	1.000	800	200	BRIDGE OFF SYSTEM
Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	526	0	526	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM
Estimated Total Project Cost - \$5,600,000 Inventory, inspect, and appraise City	bridges, iricia	aing underwater	inspection and	scour survey.																
Computerized Traffic Control System	bridges, iricia	ding underwater	inspection and	scour survey.																
Computerized Traffic Control System		aing underwater	inspection and	scour survey.																
Computerized Traffic Control System	PE1	aing underwater	Inspection and	scour survey.							250	199	51							STP FLEXIBLE
Computerized Traffic Control System	PE1 PE2	aing underwater	inspection and	scour survey.							250	199	51	103						STP FLEXIBLE
Computerized Traffic Control System	PE1 PE2 CON	aing underwater	Inspection and	scour survey.							250	199	51	103 3,167	2,351	816				STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Miillani Town	PE1 PE2 CON EQP	aing underwater	Inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1				STP FLEXIBLE
Computerized Traffic Control System	PE1 PE2 CON EQP PE1	aing underwater	inspection and	scour survey.							250	199	51		2,351 0	816				STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Miillani Town	PE1 PE2 CON EQP PE1 PE2	ang unaerwater	inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1	103	82	21	STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Miillani Town	PE1 PE2 CON EQP PE1 PE2 CON	ang unaerwater	inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1	103 4,080	82 3,264	21	STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Miillani Town	PE1 PE2 CON EQP PE1 PE2	underwater	inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1			21 816	STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Miillani Town	PE1 PE2 CON EQP PE1 PE2 CON	ang underwater	inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1		3,264	21 816 1	STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Millani Town  Phase 15 - Wahiawa	PE1 PE2 CON EQP PE1 PE2 CON EQP	ang unaerwater	inspection and	Scour survey.							250	199	51	3,167 1	2,351 0	816 1	4,080 1	3,264 0	21 816 1 51	STP FLEXIBLE
Computerized Traffic Control System  St  Phase 14 - Millani Town  Phase 15 - Wahiawa	PE1 PE2 CON EQP PE1 PCON EQP PE1 PF2	ang unaerwater	inspection and	scour survey.							250	199	51	3,167 1	2,351 0	816 1	4,080 1 250	3,264 0 199	21 816 1 51 21	STP FLEXIBLE

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Familian	. (									FFY201												
Second Procession   Company   Comp	docurat	DUAG	TOTAL	FEG	ERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL (vettore)	FEDERAL (+C4000)	LOGAL	TOTAL (+C4000)	FEDERAL (v.t.4000)	LOCAL	TOTAL	FEDERAL (v.C4000)	LOCAL	TOTAL	FEDERAL (utages)	LOCAL	FUND CATEGORY & REMA
Column   C					1000)			(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(x\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(x\$1000)		
Element Total Project Cost - 502 780 ACC - Provide an extension of the centre Report Project International Project Cost - 502 780 ACC - Provide an extension of the centre Report Project Cost - 502 780 ACC - Provide an extension of the centre Report Project Cost - 502 780 ACC - Provide an extension of the centre Report Project Cost - 502 780 ACC - Provide ratio C	Kapolei Parkway (Route 8920) Extension				0																	STP FLEXIBLE
Manada Danie (Rouse 8810) Enersors  PEZ		CON	2	40	0	240																
Manada Danie (Rouse 8810) Enersors  PEZ							I		<b>.</b>	<u> </u>									_			
Final 1				mokila Blvi	I. to Fort Barr	rette Road to	o bring congesti	on relief to the e	wa region where								egional Transp	ortation Plan 20	30.			OTD ELEVIDLE
Estimated Table Protest Coat - 966 400,000 - Plant, design and construct the exercision of Midelands Drive from the Pathulas Subdivision to the 1-F Treesay.  COM  COM  COM  COM  COM  COM  COM  CO		PE2					_			1,500	0	1,500	1,570	0	1,570							STP FLEXIBLE
Set Liste Bookward Widning   CON	Phase 1																					
Set Liste Bookward Widning   CON	Estimated Tatal Business Coast (\$40,400,000). Blood design and account of the		Antoniila Daira faa	# D-I-	h Out disi	: 1- 11- 11	4.5			+												
Figure   F				m the Pale	nua Subaivis	ion to the H	-1 Freeway.						20.470	40.470	20,000	40.000	44.000	20,000				OTD ELEVIDLE
Estimated Total Project Cast - 380,000,000 - To widen the Sait Lake Boulevant on an article reacting within the existing 100' rejets-clearly between felature and Als Lilitio Streets		CON								+			39,172	10,172	29,000	40,000	11,000	29,000				STP FLEXIBLE
Traffic Improvements at Various Locations Phase 1 - Village Park-Kupura Loop DES 450 380 90	Filase 3	-					1			+												-
Traffic Improvements at Various Locations Phase 1 - Village Park-Kupura Loop DES 450 380 90	Estimated Total Project Cost - \$90,000,000 To widon the Salt Lake Baula	rand to a multi-l	lano roadway with	in the evic	lina 100' rish	tof way bat	woon Maluna ar	ud Ala Lilikai Stra	uote.	+	+											1
Phase 1 - Village Park/Rupura Loop		raru IU a IIIUlti-li	ane IDauway WITI	iii uie exis	ang 100 ngm	c-or-way bett	ween Maiuria ar	u Ala LIIIKUI SITE	cio.	+	+											STD EI EVIDI E
CON		DES	1	50	360	ΩΩ	+	+	+	+	1											STE I LEAIDLE
NSP	i nase i - viilage i arvitupuna Loop			-00	300	90	+	+	+	+	+		2 195	1 750	125							1
Phase 2 - Kalaheo AvenueKaihus Road   ROW							1															1
CON	Phase 2 - Kalahen Avenue/Kailua Road												200	200	30		0	106				
NSP	Filase 2 - Raialleo Averlue/Railua Roau																0					
Phase 3 - Litha Street Design - Complete Streets    PE1							1			+							0					
PEZ	Phase 3 - Liliha Street Design - Complete Streets									350	0	350				200		200				
CON	That of Emila offort Bodgii Odinpioto offorto											000		0	250							
NISP													200	Ů	200	1 625	0	1 625				
Pase 4 - University Avenue Design - Complete Streets																	0					
PE2	Phase 4 - University Avenue Design - Complete Streets												425	0	425							
CON	That I difficulty World Bodigit Complete Strotte												120	Ü	120	125	0	125				
PE2																				0	1.178	
PE2	Phase 5 - TRD - DES 2019	PF1														425	300	125	,			
Phase 6 - TBD - DES 2020																120		120		100	25	
Estimated Total Project Cost - \$9,244,000 Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park & Kupuna Loop area, and Kalaheo Avenue/Kailua Road.  Traffic Signal Optimization  Phase 6 - Kapolei, Ewa, Makakilo  PE1  Phase 7 - TBD  PE2  Phase 8 - TBD  Phase 8 - TBD  PE3  Phase 8 - TBD  PE4  PE5  PE5  PE6  PE7  PE7  PE7  PE8  PE8  PE8  PE8  PE9  PE9  PE9  PE9	Phase 6 - TBD - DES 2020																					
Traffic Signal Optimization  Phase 6 - Kapolei, Ewa, Makakilo  PE1  Phase 7 - TBD  Phase 8 - TBD		121																	,20		120	
Traffic Signal Optimization  Phase 6 - Kapolei, Ewa, Makakilo  PE1  Phase 7 - TBD  PE2  Phase 8 - TBD  PB5  PB6  PB7  PB7  PB8  PB7  PB7  PB7  PB7  PB7	Estimated Total Project Cost - \$9,244,000 Provide traffic congestion relief	and improve tra	affic safety at vari	ious locatio	ns, including	but not limit	ted to Palolo, Vi	llage Park & Kup	ouna Loop area,	and Kalaheo Avei	nue/Kailua Road	l.										1
Place 6 - Kapolei, Ewa, Makakilo								Ĭ														
Phase 6 - Kapolei, Ewa, Makakilo         PE1         Sample of the property of the pr	•																					STP FLEXIBLE
Phase 7-TBD         PE1         1         1         0         0         1         0         0         1         0         0         1         0         0         1         0         <	Phase 6 - Kapolei, Ewa, Makakilo	PE1														390	312	78				
PE2         100 <td></td> <td>PE2</td> <td></td> <td>260</td> <td>208</td> <td>52</td> <td></td>		PE2																	260	208	52	
Phase 8 - TBD PE1 1 0 1 0 1	Phase 7 - TBD	PE1											1	0	1							
		PE2											100	0	100							
	Phase 8 - TBD	PE1														1	0	1				
																100	0	100				

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Coli	or Key: GRE	EN = SYSTEM PR	<u>ESERVATIOI</u>	N PURPLE =	SAFETY IMPRO	OVEMENTS BI	ROWN = CONG	ESTION MITIGAT	TON PINK = MOE	ERNIZATIO	N ORANGE =	ENHANCEMENT	BLUE = HUI	MAN SERVICE	S TRANSPOR	TATION PROGR	AM TURQUO	ISE = TRANSI		
		FFY2015 (	Oct 1, 14 - Se	р 30, 15)	FFY201	6 (Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Sep 30 FEDERAL (x\$1000)	, 17)	FFY2018	3 (Oct 1, 17 - Sep	30, 18)	FFY201	9 (Oct 1, 18 - S	iep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	51515151515161616161
		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARE
PROJECT:	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	-1-1-1-1-1-1-1-1-1-1-1
Traffic Signals at Various Locations																				STP FLEXIBLE
St																				
Phase 15 - S. King St/Kealamakai St, Prospect St/Prospect PI (Flashing beacon with signs), Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa																				
District Park	CON	3,496	2,800	696																
	EQP	4	0																	
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake																				
Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Nehoa																				
St/Mott-Smith Dr, Ala Ilima St/Ala Lilikoi St, Kamehameha Hwy/Lipoa St,																				
Atkinson Dr/Mahukona	2011							0.545	0.040	700										
	CON				-			3,515	2,812	703										
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuala St/Acacia Rd, King St/Pensacola St, Kamehameha																				
Hwy/Pahia Rd																				
Thry, and to	CON										3.872	3.092	780							
	EQP							5	0	5	4	0	4							
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid					1															
Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr,					1															
Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	DEC	400	050		+	+														
	DES	438	350	88	_									2,882	2,305	577				
	EQP													2,882						
	Lati													-	U	4				
Phase 19 - Waialae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE1				274	219	55													
	PE2										188	150	38							
	CON																4,205	3,364	841	
	EQP																4	0	4	
Phase 20 - TBD	PE1										319	255	64							
	PE2													138						
Phase 21 - TBD	PE1													319	255	64				
	PE2																138	110	28	
Entimoted Total Project Cost \$22.515.000 Install and ungrade traffic signals in	land wide incl	Ludina ADA improve	monto oiano	and markings a	and intertion															
Estimated Total Project Cost - \$23,515,000 Install and upgrade traffic signals in Transportation Alternatives Program at Various Locations	siariu-wide incl	uuing ADA Improve	anenis, signs	anu markings, a	ina interdes.	+														TAP-U
HART Secure Bike Storage Units (FHWA to FTA Flex Funds: Estimated																				,,,, o
ce Total Project Cost - \$500,000)	CON				500	400	100													
2 - HART Middle Loch Connector (FHWA to FTA Flex Funds: Estimated Total																				
Project Cost - \$500,000)	CON				500	400	100													
<ul> <li>4 - Bikeshare Equipment for Honolulu System Expansion (Estimated Total Project Cost - \$5,723,000)</li> </ul>	EQP							1,000												
	EQP							1,000	800	200										
3 - Ala Wai Pedestrian and Bicycle Safety and Mobility Project (Estimated Total Project Cost - \$6,000,000)	PE1				1			500	400	100										
. 10,000. 0000. 40,000,000,	PE2				1			300	700	100										
5 - East Kapolei Rail Station Multi-modal Access Improvements (Estimated Total																				
Project Cost - \$8,400,000)	PE2							600	0	600										
	PE1										1,000	800	200							
6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON													3,389	2,711	678				
	CON																1,000	800	200	
Estimated Total Project Cost \$7,990,000 The Terror of the Att	amm (TAD):	a composition of	neogra #	providos f"	a for pro	nd projects def	nd on ter '	tion alternatives	natudina a= -=-! "	mad n = -!- · ·	ion and kingsto	oilition inference :	um menis-t- f	immenuis sus	driver e					
Estimated Total Project Cost - \$7,889,000 The Transportation Alternatives Pro public transportation and enhanced mobility, and community improvement activity	ige Locations	to be determined by	the Oshular	Provides lunding	y ior programs a Evaluation and F	riu projects deline Pankina process	eu as transporta	uon aiternatives, ir	iciualng on- and off-	road pedestr	ан апа вісусіе та	icinues, inirastructi	ire projects for	improving non-	univer access to					
Transportation Alternative Program (State)	os. Lucaudiis i	io so determined by	, uic Oanulvir	O TAF FTOJECT	L valuation and P	taining process.						<del>                                     </del>								TAP
ce					1															
Phase 4 - Purchase of Bike Share Stations and Bikes	EQP				1,254	999	255													1
Phase 3 - Haleiwa Road Multi-Use Path	PE1				225															1
Phase 5 - Transit Oriented Development Wayfinding Master Plan	PE1			_	170	128				-										
Phase 2 - Date Street Bikeway Bridge	PE1				400															
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds)	PE2/CON				250	200	50													
					<u></u>	1	1													
Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million	/year The Ti	ransportation Alterr	atives Progra	m (TAP) is a coi	mpetitive grant p	rogram that provi	des funding for	programs and proj	ects defined as tran	sportation alt	ernatives, includir	ng on- and off-road	l pedestrian an	d bicycle faciliti	es, infrastructui	re projects				
for improving non-driver access to public transportation and enhanced mobility,						IAP Project Eval	uation and Ran	king process. HAF	≺1 projects may be fl	exed from FI	IWA to FTA.									OTD ELEVIDLE
Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62	+	+														STP FLEXIBLE
					+	+														
Estimated Total Project Cost - \$5,000,000 Construction of traffic improvements	to improve a t	two-lane collector m	oad between t	he Oahu Railwa	v and Land Com	npany Bicycle Per	destrian Path ar	nd the Wainin Penii	nsula Soccer Park											1
OAHU : C&C OF HONOLULU - FHWA TOTAL		29,508	17,000							4,424	50,936	17,698	33,238	56,436	20,725	35,711	13,768	9,984	3,784	
													,		-,					

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

1 + 1 + 1 + 2 + 2 + 1 + 2 + 2 + 2 + 2 +		EN = SYSTEM PRESE FFY2015 (Oct																Oct 1, 19 - Sep	30, 20)	+1+1+1+1+1+1+1+1+1+1+
		TOTAL FEI	DERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL F	EDERAL	OCAL	TOTAL	FEDERAL I	OCAL	TOTAL	EDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARK
PROJEÇT	PHASE	(x\$1000) (x\$	1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (	¢\$1000)	(x\$1000)	(x\$1000) (x	x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	
CITY & COUNTY OF HONOLULU - FTA																				
Agency-Provided Trips																				
	OPR	204	167	167																ETA 05007/05040 (0044)
	OPR	334	167	167	209	104	105													FTA §5307/§5340 (2014) FTA §5307/§5340 (2015)
	OPR	512	249	263	208	104	105													FTA §5310 (2013)
	OPR	312	243	203	722	307	415													FTA §5310 (2014)
	OPR	733	0	733	1,087				0	2.259	3.100	0	3,100	3,223	0	3,223	3.352	0	3,352	
Estimated Total Project Cost - \$11,899,000 Establish selected human servi			envina their c						nvice	2,235	3,100	0	3,100	3,223	U	3,223	3,332	· ·	3,332	LOCAL
Bus and Handi-Van Acquisition Program	ce ageneres as trai	naportation providers s	crving tricir c	SWIT CHCIRS WITO	currently nuc	Trici ianai van, e	Ina provide oper	dung lunus for the se	vicc.											
Das and Harar Vari Acquisition Frogram	INSP				48	38	10	49	39	10										FTA §5307/§5340
FY2015 = 17-40' buses + 19-60' buses + 19 small vans + 6 < 30' buses	EQP	15,086	11,461	3,625																FTA §5307/§5340
20.0 =0 50303 1 10 00 50303 1 13 3mail valid 1 0 € 30 50305	EQP	2,403	1,923	480																FTA §5309
	EQP	2,403	2,158	515																FTA §5337 SOGR
	EQP	8,636	6,909	1,727																FTA §5339
FY2016 = 30 <30' buses + 0-35' buses + 15-40' buses + 10-60' buses	EQP				3,688	2,519	1,169													FTA §5307
	EQP				13,018	10,414	2,604													FTA §5307/§5340
	EQP				1,410	1,133	277													FTA §5339
	EQP				4,453	3,562	891													FTA §5339 (2014)
EV0047 C0 001 huses 40 401 huses 40 001 huses	FOR							0.000	7 700	4.007										ETA 05007/05040
FY2017 = 60 <30' buses + 10-40' buses + 10-60' buses	EQP EQP							9,633	7,706	1,927										FTA §5307/§5340
	EQP							1,164 4,866	929 3,891	235 975										FTA §5310-Urban FTA §5337 SOGR
	EQP							7,528	6,027	1,501										FTA §5337 SOGR FTA §5339
FY2018 = 9 <35' buses + 10-40' buses + 10-60' buses	EQP										20,825	2,231	18,594							FTA §5307/§5340
1 12010 = 0 400 84000 1 10 10 84000 1 10 00 84000	EQP										1,503		301							FTA §5337 SOGR
	EQP										3,345		946							FTA §5339
FY2019 (TBD)	EQP													20,825	2,231	18,594				FTA §5307/§5340
	EQP													1,533	1,226	307				FTA §5337 SOGR
	EQP													3,411	2,447	964				FTA §5339
FY2020 (TBD)	EQP																20,825	2,231		FTA §5307/§5340
	EQP																1,564	1,251		FTA §5337 SOGR
	EQP																3,480	2,496	984	FTA §5339
Estimated Total Project Cost - \$153,918,000 Purchase replacement transit	buses and handi-v	an vehicles.																		
Bus Stop ADA Access and Site Improvements			_						_											
	PLN	1	0	1	5		5	5	0	5	1	0	1	1	0	1	1	0		LOCAL
	DES	270	0	270	365		365		0	365			270	270	0	270	270	0		LOCAL
	CON	621	300	321	495				145	100	321	0	321	321	0	321	321	0		FTA §5307/§5340
	ROW	5	0	5	20		20	0	0	0	5	0	5	5	0	5	5	0		LOCAL
	EQP						5	5	0	5 20					_					LOCAL
	RELOC INSP	1	0	1	5	(	5	20	0	20	1	0	1	1	0	1	1	0	1	LOCAL
Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them int	o compliance with	the Americans with Di	sabilities Act	(ADA).																
Bus Stop Site Improvements	PLN	5	0	5																LOCAL
	ROW	1	0	1																LOCAL
	DES	90	0	90																LOCAL
	CON	1,735	1,330	405																FTA §5307
	EQP	1	0	1																LOCAL
Estimated Project Cost - \$1,832,000 This is an ongoing program to improve	bus stops, bus sh	nelters, benches, and o	ther improve	ments at various	locations.															
	OPR	25	20	5	25	20	5	25	20	5	26	21	5	26	21	5	27	22	5	FTA §5307/§5340
Capital Training	UPK																			

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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riojec	ct Criteria Color Key: GRE											ENHANCEMENT						DISE = TRANSIT		
		FFY2015 (Oc TOTAL FE						FFY2017 (C									TOTAL	FEDERAL		FUND CATEGORY & REMARKS
PROJEÇT	PHASE	(x\$1000) (x										FEDERAL (x\$1000)								
Honolulu Rail Transit Project																				
sit §5309 New Starts	HRTP							2,480,034	744,010	1,736,024										FTA §5309 NS
FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64)	HRTP							22,500	18,000	4,500	18,750	15,000	3,750							FTA §5307/ §5340
FHWA to FTA Flex Funds: Transportation Alternatives Program (OC	25 HRTP							1,250	1,000	250										FTA §5307/ §5340
and OC26)																				
Estimated Total Project Cost - \$5,163,693,000 Plan, design and	construct a fixed guideway s	ystem between East I	Kapolei and A	la Moana Cente	er. The system	includes stations	and related app	purtenances, park-ar	nd-ride facilities,	a maintenance	e and storage fac	ility, light metro ve	hicles and asso	ciated core sys	tems.					
a. Total estimated cost (YOE\$) = \$5,163,693,000 (including finance	e charges): PLN = \$25,027,0	000; Land Acquisition	= \$222, 188,0	00; DES = \$564	4,660,000; CON	I = \$4,143,317,0	00; EQP = \$208	,501,000.												
b. The estimated total project cost reflects escalation calculated by	FTA's Project Management	Oversight Consultant	nt.																	
c. Estimated local share of total estimated costs (excluding Unalloc	ated Contingency) is approx	imately \$3,357,789,20	62 (YOE\$).																	
17. Local Shuttle Service																				
nan	OPR							260	0	260	270	0	270	280	0	280	291	0	291	LOCAL
	OPR	204	102	102																FTA §5307/§5340 (2014)
	OPR				204	102	102													FTA §5307/§5340 (2015)
	- Oi IX				201	102	102													1111 300017 300 10 (2010)
Estimated Total Project Cost - \$1,319,000 To maintain and expan	nd shuttle services between i	Kalaeloa homeless sl	helter sites an	d the Kapolei Tr	ransit Center to	address transpo	rtation needs of	low income persons	ì.											
Middle Street Intermodal Center	PLN										1	0	1							FTA §5339
usit	PLN							1,846	1,348	498										FTA §5339 (2016)
	DES										200	0	200							LOCAL
	CON													5,864	0	5,864	5,867	0	5,867	
	EQP													1	0	1	1	0		LOCAL
Estimated Total Project Cost - \$13,780,000 Design, construct, in:	spect, and provide relocation	funds for Phase II. P	Phase II is the	completion of th	e Handi-Van p	arking lot, transit	center platform	and bus parking and	parking garage	9.										
19. Mobility Management							,	, ,	, , ,											
nan	OPR	257	197	60																FTA §5307/§5340 (2014)
	OPR	92	76	16																LOCAL
	OPR	-		.,	407	325	82													FTA §5310 (2013)
	OPR				101	020	Ü.							458	0	458	476	0		LOCAL
	OFIC			-										400	0	400	470	,	470	
Estimated Total Project Cost - \$2,553,000 Improve access to train	sportation for people with di	sabilities, seniors, and	d people with	low incomes by	coordinating tr	ansit and human	service transpo	rtation.												
22. Pedestrian Transit Connections	ioportation for people with an	dabinado, domicio, am	и роорго илит	iow incomice by	oooramaang a	I I I I I I I I I I I I I I I I I I I	COLLIGO ELGINOPO	i duoin												
Pres	PLN	1	0	1																LOCAL
	DES	250	0	250																LOCAL
	CON	1,120	1,100	200																FTA \$5307 (2014)
	INSP	1,120	1,100	10																LOCAL
	EQP	10	0	10																LOCAL
Estimated Total Project Cost - \$1,386,000 Plan, design, construc		mont for podostrian a	and biovolo and	foty and access	improvomento	noor hue etono o	nd transit costs	re.												LUCAL
		mem ioi pedesirian a	and bicycle Sal	ety anu access					05.000	0.050	04.050	05.000	0.050	04.050	05.000	0.050	04.050	05.000	0.050	ETA 05007/05040
20 Preventive Maintenance	OPR OPR	20.007	47.005	45.000	41,638	21,833	19,805	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000		FTA §5307/§5340
nsit	OPR	32,927	17,265	15,662																FTA §5307/§5340 <del>(2015)</del>
	OPR	4,407	2,311	2,096																FTA §5307/§5340 (2014)
	OPR	4,304	2,257	2,047																FTA §5307/§5340 (2013)
Estimated Total Project Cost - \$287,082,000 Preventive mainten	ance of FTA-funded rolling s	tock (buses and hand	di-vans) to incli	ude parts, labor	and other rela	ted costs.														
21. Transit Safety and Security Projects	and on the first of the second	Con (Ducos and hand	a) to mon	ado pario, labor	, and other rea															
nsit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL
Holt.	DES	1	0	1	1	0	1	1	0	1		0	1	1	0	1				LOCAL
	CON	1	0	1	1	0	1	1	0	1	4	0	1	1	0	1				LOCAL
	EQP	413	330	92	356	296	60	374	299	75	381	305	76	389	311	70	396	317		FTA §5307/§5340
	EQP	413	330	83	356	296	60	3/4	299	/5	381	305	76	389	311	78	396	317	79	FIM \$3307/\$5340
Estimated Total Project Cost - \$2,023,000 Capital projects at vari	ious transit locations to impro	ove safety and securit	ity.																	
OAHU: C&C OF HONOLULU - FTA TOTAL		77.125	48.155	28.970	68.163	40.798	27.365	2.563.681	808.414	1.755.267	80.252	46.158	34.094	67.861	31.236	36.625	68.127	31.317	36.810	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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Project Criteria Cole								ESTION MITIGATION PINK =			JMAN SERVICES TRANSPOR			E = TRANSIT		
		FFY2015 (O	Oct 1, 14 - Sep	p 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sc	ep 30, 17) FFY2018 (Oct 1, 17 - \$e	p 30, 18)	FFY2019 (Oct 1, 18 - \$	ep 30, 19)	FFY2020 (O	Oct 1, 19 - Sep	30, 20)	
PROJECT	PHASE	TOTAL F (x\$1000) (	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - OAHU																
NHPP (National Highway Performance Program)			85,132			61,313		63,657	56,971		169,467			111,669		
BRIDGE OFF-SYSTEM			720			720		0	720		800			800		
STP ENHANCEMENT / TAP			0			2,611		1,200	888		10,199			5,496		
STP FLEXIBLE			16,280			19,220		26,544	33,178		25,214			14,864		
SECTION 1404 - (Safe Routes to School)			0			0		0	0		0			0		
HSIP (Highway Safety Improvement Program)			0			4,160		4,440	3,624		0			136		
NATIONAL RECREATIONAL TRAILS			287			287		287	287		287			287		
CMAQ (Congestion Mitigation Air Quality)			0			0		0	0		0			0		
FTA TRANSFER FUNDS			0			0		0	0		0			0		
EQUITY BONUS			0			0		0	0		0			0		
EARMARK - HIGH PRIORITY			0			0		0	0		0			200		
EARMARK - RE-PURPOSED EARMARKS			0			0		2,000	0		0			0		
EARMARK - SECTION 112			0			0		0	0		0			0		
EARMARK - SECTION 115			0			0		0	0		0			0		
EARMARK - SECTION 117			0			0		0	0		0			0		
FLHD (Federal Lands Highway Discretionary)			0			0		0	0		0			0		
NRCS (National Resources Conservation Service)			0			0		0	0		0			0		
DISCRETIONARY			0			0		0	0		0			0		
HIGHWAYS FOR LIFE			0			0		0	0		0			0		
IMD (NHPP Discretionary)			4,300			0		2,300	0		0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0	0		0			0		
								·						•		
	SUBTOTAL		106,719			88,311		100,428	95,668		205,967			133,452		
LESS DISCRETIONARY, DEMOETC. PROJECTS			(4,300)			0		(4,300)	0		0			(200)		
LESS FTA TRANSFER FUNDS			0			0		0	0		0			0		
REGULAR FORMULA AUTHORITY	TOTAL		102,419			88,311		96,128	95,668		205,967			133,252		

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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Project Criteria Cole	1		15 (Oct 1, 14 - S			6 (Oct 1. 15 - Se	n 30 16)	FFY2014	7 (Oct 1, 16 - Se	n 30 17)	EFY201	8 (Oct 1, 17 - Se	n 30 18)	FFY201	9 (Oct 1 19 - 9	Sen 30 19)	FFY2020	(Oct 1 19 - Se	p 30, 20)	
			(,	LOCAL		FEDERAL					TOTAL					LOGAL	TOTAL	FEDERAL		FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000)				(x\$1000)					(x\$1000)									TOTAL CATAGORY & KAMPARKS
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		()	(	()	(44.444)	1.17 (1.1.1)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(, ,	()	(44.755)	(	(	(441455)	0.7.200	(14.14.4		1.4,554)	(,	(,	
HAWAII: STATE - FHWA																				
1. Akoni Pule Hwy (RTE 270) Realignment & Widening	CON													8,190	6,552	1,638				STP FLEXIBLE
afety at Aamakao Gulch																				
			l		-												-			
Estimated Total Project Cost - \$8,500,000 Realign and widen roadway on the 2. Bridge and Pavement Improvement Program, Hawaii	nauka side, imp CON	prove shoulders 16,500			16.500	0	16,500	16.500	0	16.500	16.500	) 0	16,500	16,500	0	16,500	16.500	0	16 500	NHPP / STP FLEXIBLE
22. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	10,500	0	10,500	16,500	0	16,500	16,500	0	10,500	16,500	U	16,500	NAPP / STP FLEXIBLE
Estimated Total Project Cost - \$98,300,000System maintenance of highway bi	idaes and pave	ments. Work m	nav include bride	ne and/or paveme	ent reconstruction	n. resurfacina. res	toration, rehabil	litation and/or pre	servation.								1			
Yearly lump sum amounts represent total State Special Maintenance Program (\$										nally occur annua	lly. SMP funds h	ave funded resur	facing and paver	nent and bridge	preservation p	projects (System	Preservation)			
The current list of prioritized proposed SMP projects has been posted on the ST																				
23. Daniel K. Inouye Highway (Route 200) Extension	PE2							260	208	52										STP FLEXIBLE
em Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW							260	208	52										
								L												
Estimated Total Project Cost - \$100,000,000 New roadway and/or realignment		Daniel K. Inouy 46.000			us at Mamalaho	a Highway to the	Queen Kaahum	anu Highway.												OTD FLEXIBLE (DAD. (C. 11)
24. Daniel K. Inouye Highway (Route 200) Improvements  em Phase 2D: East Side Grade & Pave, MP 6 to MP 11	CON	46,000	46,000	0	'												-			STP FLEXIBLE (DAR soft match)
Filase 2D. East Side Glade & Fave, IVIF 6 to IVIF 11					-															
Estimated Total Project Cost - \$250,000,000 Widen and/or realign the existing	two-lane highw	av																		
Guardrail and Shoulder Improvements, Various Locations	PE1	cy.															35	28	7	STP FLEXIBLE
fety Programme Text Text Text Text Text Text Text Tex	PE2																65	52	13	
Estimated Total Project Cost - \$2,400,000 Improve guardrail and shoulders.																				
4. Hawaii Belt Road (Route 19), Bridge Replacement,	ROW										1,173	938	235							NHPP
sPres Pahoehoe Stream Bridge	CON																10,600	8,480	2,120	
																	-			
Estimated Total Project Cost - \$12,200,000 Replace existing bridge.														-						
65. Hawaii Belt Road (Route 19), Drainage Improvements	PREROW	50	40	10																NHPP
fety and Rockfall Protection, Vicinity of Hakalau Bridge	ROW	30	, 40	10	1,250	1,000	250													
and resoluting from the first and straigs	CON				1,200	1,000	200				8,500	600	7.900							
	ADVCON										,		,	0	6,200	(6,200	)			
Estimated Total Project Cost - \$9,800,000 Install a new culvert system along the	e mauka should	der. Include roo	ckfall protection	on the cutslope in	ncluding a perma	nent mesh syste	m on both sides	of the roadway.												
6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON										5,600	480	5,120							NHPP
fety Kaumoali Bridge to East Paauilo Bridge and Vicinity of Kalopa Bridge	ADVCON													0	4,000	(4,000)	)			
Estimated Total Project Cost - \$5,600,000 Improve guardrail and shoulders ald	an Hawaii Bali	D 1 f 1/			in a Duislana												-			
<ol> <li>Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,</li> </ol>	CON	Road Irom Kau	umoaii Briage to	waras vvaipunani	па впаде.												1.560	1,248	312	NHPP
fety Kealakaha Bridge Towards Kaula Bridge	0011																1,500	1,240	312	
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders fro		ridge to Kaula I	Bridge																	
8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON													1,560	1,248	312				NHPP
fety Kaala Bridge Towards Kealakaha Bridge																				
5 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (			5.7		-															
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders fro		to Kealakaha i	Bridge.					070	610											NHPP
Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,     Phase I (Laupahoehoe Gulch)	ROW CON				+			270	216	54	56,700	) 0	56.700							INDEE
rilase i (Laupatidetide Guicii)	ADVCON				+						56,700	0	50,700	0	20.000	(20,000	) 0	25,360	(25,360)	
Estimated Total Project Cost - \$60,000,000 Slope protection along Route 19, I		d, in the vicinity	y of Laupahoeho	pe Gulch.										Ü	20,000	(20,000)	,	25,300	(20,300)	
12. Hilo Bayfront Highway (Route 19), Shoreline Protection																				STP FLEXIBLE
sPres	CON													3,640	2,912	728				
Estimated Total Project Cost - \$3,900,000 Construct groin fields in phases alo		1.																		
Mawaihae Road (Route 19), Waiaka Stream Bridge Replacement	ROW													2,290	1,832	458				NHPP
sPres and Realignment of Approaches																				

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

] + ] + ] + ] + ] + ] + ] + ] + ] + ] +	- :   <del>    -   -   -  </del>	FFY201	15 (Oct 1, 14 - Sep 30, 1	5)	FFY2016 (Oct	t 1, 15 - Sep 30	0, 16)	FFY2017 (Oc	t 1, 16 - Ser	30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	9 (Oct 1, 18 - Se	ep 30, 19)	FFY2020	) (Oct 1, 19 - Sep 30, 20)	<u> </u>
PROJECT	PHASE	TOTAL (×\$1000)	FEDERAL LO (x\$1000) (x\$1		TOTAL FE (x\$1000) (x			TOTAL FI		LOGAL (x\$1000)	TOTAL (*\$1900)		LOCAL (v\$4,000)		FEDERAL (v\$1000)	LOGAL	TOTAL (v\$1000)	FEDERAL LOCAL (x\$1000)	FUND CATEGORY & REMARKS
14. Keaau-Pahoa Road (Route 130) Improvements,	PREROW	(x31000)	(x31000) (X31	1000)	(X\$1000) (X	83	(x\$1000) 21		Αφ ( 000 )	(x31000)	(x31000)	(X\$ 1000)	(X\$1000)	(X\$1000)	(\$\$1000)	(x31000)	(x\$1000)	(x\$1000) (x\$1000)	STP FLEXIBLE
dem Keaau to Pahoa	ROW				104	03	- 21							2,020	1.616	404			31F FLEXIBLE
Phase 1 - Keaau Bypass to Pahoa-Kapoho Road	ROW													2,020	1,010	707			-
· · · · · · · · · · · · · · · · · · ·																			
Estimated Total Project Cost - \$140,000,000 Improve traffic capacity, circu	lation and safety al	ong Route 130.																	1
15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion				ĺ															
dern Phase 2: Shower Drive Intersection Improvements	CON				3,692	2,954	738												STP FLEXIBLE
	CON				520	468	52												HSIP
5 % 4 17 4 18 % 40 4 dec con con				., .	., ,, ,, ,			0. 0. 0.											_
Estimated Total Project Cost - \$32,000,000 Reconstructing and widening t		r ana constructi	ing new snoulaers on the	inbouna s	ide of the highway b	etween Keaau	i Bypass and	Snower Drive. Phase	2 only includ	des work on the S	nower Drive Inte	rsection.					_		HSIP
.17. Kohala Mountain Road (Route 250) Safety Improvements	DES CON	40	36	4				4.000	3,200	800									_ usir
ety MP 7.2 to MP 9.2	CON							4,000	3,200	800									-
Estimated Total Project Cost - \$4,040,000 Scope includes, but is not limite	d to: Installation of	milled rumhle s	etrine on contarling and e	houlders: h	nigh friction surface to	reatment: cun	a shead siar	s and hearons and ch	neurone for m	notorcycle safety:	sunarelevation s	seesement (to c	latarmina traatma	nt) along entire	seament: nave	mont markings	and signing		-
18. Mamalahoa Highway (Route 11)	DES	1,400		280	.gnouom sunace u	.camon, curv	o anoda sigi	and bedeens did on		iotoroyolo dalety,	Caperore valion e	Coosiner (10 C	o.c.mine a caune	in, along chine	cogment, pave	o.n mannings,	, and signing.		STP FLEXIBLE
sPres Hilea Bridge Replacement (MP 57.7)	ROW	100		100															
	CON	100	Ĭ					7,500	6,000	1,500									
Estimated Total Project Cost - \$10,000,000 Replace existing bridge.								,	.,	,									
26. Mamalahoa Highway (Route 11)	DES	1,400	1,120	280															STP FLEXIBLE
sPres Ninole Stream Bridge Replacement	ROW	65	0	65															
	CON							5,500	4,400	1,100									
	CON							1,500	1,200	300									RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$9,454,000 Replace existing bridge.																			
19 Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON										9,735	788	8,947						STP FLEXIBLE
fety	ADVCON													0	7,000	(7,000)	))		_
Estimated Total Project Cost - \$10,000,000 Drainage improvements, included the state of the s		of box culverts	and raising of the roadwa	ay.	0.400	4.896	1,224										_		STP FLEXIBLE
27 Mamalahoa Highway (Route 190) Drainage Improvements  [ety Vicinity of Puuwaawaa Ranch Road	CON				6,120	4,896	1,224												SIP FLEXIBLE
Vicinity of Fuuwaawaa Kancii Koau																	<u> </u>		-
Estimated Total Project Cost - \$6,500,000 Drainage improvements including	a installation of o	drainage pipes.	drain inlets, manholes ar	nd a drywe	ell: reconstruction of s	shoulder swale	es and roadw	av pavement: and con	structing reta	aining walls.									-
20. Mamalahoa Highway (RTE 190), Safety Improvements	CON	,,,,,,						1,457	1,311	146									HSIP
fety MP 3.9 to MP 6.9				ĺ															
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to:		ed rumble strips	on centerline and should	ders; paven	ment markings; and s	signing.													
21. National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299 75	NATIONAL RECREATIONAL
hance																			TRAILS (DLNR)
Estimated Total Project Cost - \$2,240,000 A Federal-aid assistance progra		provide and ma	aintain recreational trails	for both m	otorized and non-mo	otorized recrea	tional use. A	nticipated funding for E	Big Island pro	ogram.									
22. Puainako St (Rte 2000) Widening and Realignment,	PREROW ROW										54	43	11	5.600	4 400	4 400			STP FLEXIBLE
dern Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940),	ROW													1,000	4,480 800	1,120 200			EARMARK - HIGH PRIORITY (HI025
	KOW													1,000	800	200	'		EARWARK - HIGH PRIORITT (HI025
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)											56	45	11				<u> </u>		STP FLEXIBLE
	PREROW							l l			30	+5	- 11				_		
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)  Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)	PREROW ROW																6.500	5.200 1.300	
																	6,500	5,200 1,300	_
	ROW	nes. Improveme	ents also include installing	g traffic sign	nals, signs, pavemer	nt markings, hv	wy lighting, g	uardrails, and sidewall	ks.								6,500	5,200 1,300	-
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)	ROW	nes. Improveme	ents also include installing	g traffic sign	nals, signs, pavemer 180	nt markings, hv	wy lighting, g 36		ks.								6,500	5,200 1,300	HSIP
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S	ROW treet from 2 to 4 lar	nes. Improveme	ents also include installing	g traffic sign					ks.	125							6,500	5,200 1,300	
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 Widen and realign Puainako S Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	ROW treet from 2 to 4 lan ROW CON									125							6,500	5,200 1,300	
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S  25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and	ROW treet from 2 to 4 lar ROW CON safety of Queen K	aahumanu Hwy	v and Kawaihae Road inte	ersection.						125							6,500	5,200 1,300	HSIP
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S  Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and  Queen Kaahumanu Highway (Route 19), Resurfacing and	ROW ROW CON Safety of Queen K DES		v and Kawaihae Road inte							125							6,500	5,200 1,300	HSIP
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S 25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and	ROW ROW ROW ROW CON Safety of Queen K DES CON	aahumanu Hwy	v and Kawaihae Road inte	ersection.						125	6,000	800	5,200					5,200 1,300	HSIP
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S 25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and 28. Queen Kaahumanu Highway (Route 19), Resurfacing and SPICES Intersection Improvements, Vicinity of Kekaha Kai State Park	ROW  ROW CON  Safety of Queen K DES CON ADVCON	aahumanu Hwy 307	y and Kawaihae Road inte	ersection. 94	180	144				125	6,000	800	5,200	0	4,000	(4,000)		5,200 1,300	HSIP
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  Estimated Total Project Cost - \$65,000,000 - Widen and realign Puainako S  Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and  Queen Kaahumanu Highway (Route 19), Resurfacing and	ROW  ROW CON  Safety of Queen K DES CON ADVCON	aahumanu Hwy 307	y and Kawaihae Road inte	ersection. 94	180	144				125	6,000	800	5,200	0	4,000	(4,000)		5,200 1.300	HSIP

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				30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018 (C	oct 1, 17 - Sep	30, 18)	FFY201	19 (Oct 1, 18 - S	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	:p-30, 20)	+:+:+:+:+:+:+:+:+:+:+:+:
PROJECT:	PHASE	TOTAL (x\$1000)		LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF HAWAII - FHWA																				
Alii Drive (Route 186) Culvert Replacement	CON										12,320	6,856	5,464							STP FLEXIBLE
Pres	ADVCON													0	3,000	(3,000	)			
Estimated Total Project Cost - \$13,100,000 Replace existing concrete cur	vert with a new cond	rete bridae.																		
Bridge Inspection and Appraisal  Pres	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
Estimated Total Project Cost - \$600,000 Inspection of county-maintained	bridges as required	by FHWA.																		
Hakalau Stream Bridge Replacement (Route 222)	PE1							150	0	150										STP FLEXIBLE
Pres Control of the C	PE2							250	0	250										
	CON						1	3,000	2,400	600										
Estimated Total Project Cost - \$3,400,000 Repair or reconstruct and resto		grity and safety of	the Hakalau Stre	eam Bridge.																
Kaahakini Stream Bridge Rehabilitation	PE1							200	0	200										STP FLEXIBLE
Pres	PE2										300	0	300							
F (	CON			. 5:1			-										5,000	4,000	1,000	
Estimated Total Project Cost - \$5,500,000 Repair or reconstruct and resto	re the structural inte	egrity and safety of	the Kaahakini Si	tream Bridge.																OTD ELEVIDLE
Kawailani Street (Rte 2760) Improvements  Gest Vicinity of Kanoelani Street to Vicinity of Kuhilani Street																				STP FLEXIBLE
Phase 2B	CON				18.100	11.104	6.996													
Filade 2D	ADVCON				10,100	11,104	0,550	0	3.216	(3.216)										
	ADVCON							0	160	(160)										RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$22,000,000 Phase 1 includes intersection		nhakulani Ainalna	and Iwalani Pha	ise 2 work include	s madway w	idening and reco	onstruction: con	structina retainina v	100			fic signal syst	ems: utility reloca	ations: and ins	talling concrete	curhs autters s	idewalks and cur	h ramns		THE FORT GOLD LANGIAGE
5. Kuakini Highway (Route 1100) Widening, Phase II	PE2	manara, minara	and maidin. The	OO E WORK INCIDEN	o roddinay m	dorning and root	, iou doud in, doir	or douring rotain in ig r	rano arra arann	l go miprovomona	, otroot ngrit and train	no digrital dybt	onio, admity roloot	1,632				o rampo.		STP FLEXIBLE
em Hualalai Road (Route 188) to Proposed Alii Highway (Route 1110)	CON													.,	,,,,,,		17,700	9,920		
Estimated Total Project Cost - \$60,500,000 Widening of a 1.1 mile section	n of Kuakini Highwa	y from Hualalai Roa	d to the propose	ed Alii Highway. C	Construction (	costs for Phase	2 are estimated	at \$45 million. The	e project will ne	ed to be phased	due to our limited ann	nual allotment	of federal funds.							
Mamalahoa Highway (Route 19) Widening	CON							11,080	5,864	5,216										NHPP
em (Mud Lane to Mana Road)	ADVCON										0	3,000	(3,000)							
F //		(40) : / //					1		., .											
Estimated Total Project Cost - \$24,000,000 To widen and provide left-turn					nd related roa	adway improven	nents, including	approach/taper lan	e widening and	adjustments.										
7. Waianuenue Avenue (Route 2720) Improvements	DES	900	720	180			-							005	040		-			STP FLEXIBLE
Rainbow Drive to Akolea Road	CON						+							265 12.903						
	CON		-				+	<u> </u>						12,903	10,120	2,783				
Estimated Total Project Cost - \$14,600,000 Provide roadway improvement	uts to include hike la	nes and nedestrian	walkways alono	ı Waianuenue ∆ve	enue from Ra	inhow Drive to	Akolea Road													
HAWAII : COUNTY OF HAWAII - FHWA TOTAL	no to morable bike la	900	720	180	18.300	11,264		14.680	11.640	3.040	12.820	10.016	2.804	14.800	14.637	163	22.900	14.080	8.820	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

	Project Criteria Colo											N ORANGE = EI							DISE = TRANSIT		
		1 - 1 - 1 -	FFY2015	(Oct 1, 14 - Se	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (	Oct 1, 16 - Se	p 30, 17)	FFY2018 (	Oct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p-30, 20)	+ 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2
	Р. Р	DUAGE	TOTAL	FEDERAL (victoria)	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL (v.t.4000)	LOCAL	TOTAL	FEDERAL (vitages)	LOCAL	TOTAL	FEDERAL (-044000)	LOCAL	TOTAL	FEDERAL (utages)	LOCAL	FUND CATEGORY & REMARKS
-		PHASE	(x\$1000)	(X\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(X\$1000)	(X\$1000)	(X\$1000)	(x\$1000)	(X\$1000)	(x\$1000)	<u> </u>
	COUNTY OF HAWAII - FTA																				
HC8.	Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit																					
	Estimated Total Project Cost - \$3,400,000 Capital projects to replace, rehabilitation	ate and purcha	așe buses, vans, ar	nd related equ	ipment, and to co.	nstruct bus-relate	d facilities.														
HC12.	Bus and Bus Facility (discretionary)	EQP							475	380	95										FTA SECTION 5339 (Rural Bus Prgm)
Transit																					
	Estimated Total Project Cost - \$475,000 Capital projects to replace buses.																				
HC9.	Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
Transit																					
	Estimated Total Project Cost - \$13,160,000 Planning, capital, operating, job ac	cess and reve	erse commute proje	cts, and the a	cquisition of public	transportation se	ervices.														
	HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,193	1,903	1,290	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED Revision Effective Date: August 16, 2017

Project Criteria Colo	or Key: GREEN	N = SYSTEM PRES	ERVATION								JMAN SERVICES TRANSPOR				
	1 1 - 1 - 1 - 1 -	FFY2015 (Oc	t 1, 14 - Se <sub>l</sub>	p 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sc	p 30, 17) FFY2018 (Oct 1, 17 - \$	op 30, 18)	FFY2019 (Oct 1, 18 - \$	ep 30, 19)	FFY2020 (Oct 1, 19	- Sep 30, 20)	
-PROJECT	PHASE	TOTAL FE (x\$1000) (x	DERAL (\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL (x\$1000)	TOTAL FEDER (x\$1000) (x\$100	AL LOCAL )) (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - HAWAII															
NHPP (National Highway Performance Program)			253			1,000		6,080	5,018		37,280		35,	088	
BRIDGE OFF-SYSTEM			0			0		0	0		0			0	
STP ENHANCEMENT/TAP			0			0		0	0		0			0	
STP FLEXIBLE			48,960			19,197		16,432	7,892		37,197		19,	360	
SECTION 1404 - (Safe Routes to School)			0			0		0	0		0			0	
HSIP (Highway Safety Improvement Program)			36			612		5,651	0		0			0	
NATIONAL RECREATIONAL TRAILS			299			299		299	299		299			299	
CMAQ (Congestion Mitigation Air Quality)			0			0		0	0		0			0	
FTA TRANSFER FUNDS			0			0		0	0		0			0	
EQUITY BONUS			0			0		0	0		0			0	
EARMARK - HIGH PRIORITY			0			0		0	0		800			0	
EARMARK - RE-PURPOSED EARMARKS			0			0		1,360	800		0			0	
EARMARK - SECTION 112			0			0		0	0		0			0	
EARMARK - SECTION 115			0			0		0	0		0			0	
EARMARK - SECTION 117			0			0		0	0		0			0	
FLHD (Federal Lands Highway Discretionary)			0			0		0	0		0			0	
NRCS (National Resources Conservation Service)			0			0		0	0		0			0	
DISCRETIONARY			0			0		0	0		0			0	
HIGHWAYS FOR LIFE			0			0		0	0		0			0	
IMD (NHPP Discretionary)			0			0		0	0		0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0	0		0			0	
	SUBTOTAL		49,548			21,108		29,822	14,009		75,576		54,	747	
LESS DISCRETIONARY, DEMOETC. PROJECTS			0			0		(1,360)	(800)	)	(800)			0	
LESS FTA TRANSFER FUNDS			0			0		0	0		0			0	
REGULAR FORMULA AUTHORITY	TOTAL		49,548			21,108		28,462	13,209		74,776		54,	747	

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		EEV2011	5 (Det 1, 14 - C		FFY2016 (O	rt 1 15 - Son 20 14	1	FFY2017 /0~	1. 16. Son 20	17)			n 30 12)			RTATION PROGE		(Ort 1 10 - San	30.20)	
					TOTAL F															FUND CATEGORY & REMARKS
PROJECT	PHASE				(x\$1000)															
		10 4 - 17 1		1 (7 -1-7)			,				10 4 - 17 1	. (						K 71 17	K	
MAUI: STATE - FHWA																				
. Bridge and Pavement Improvement Program, Maui	CON	17,700	0	17,700	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
Pres Kuihelani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave	CON	11,300	8,500	2,800																
Estimated Total Project Cost - \$117,960,000-System maintenance of highway broad																				
Yearly lump sum amounts represent total State Special Maintenance Program (S												nded resurfacing	g and pavement a	nd bridge prese	rvation project	ts (System Presei	rvation)			
The current list of prioritized proposed SMP projects has been posted on the STI	P website at:	http://hidot.hawai	ii.gov/highways/	other/other-relate	d-links/stip/. Qualified	and priority SMP p	ojects could i	receive federal fun	nds should they	become avai	ilable.									STP FLEXIBLE
Guardrail and Shoulder Improvement Program     at Various Locations, Maui																				STP FLEXIBLE
at various Locations, Maur																				
Part 2—Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue	CON				1.000	800	200													
Part 3	CON				1,000	000	200				1.000	800	200							
Part 4	CON	1									1,000	000	200				1.000	800	200	
																	.,250	223		
Estimated Total Project Cost - \$3,000,000 Improve guardrails and shoulders at	various location	ons.																		
S18. Hana Highway Bridge Preservation Program	PE1										1,100	880	220							STP FLEXIBLE
sPres Phase 1	PE2										1,000	800	200							
	ROW													1,065	852	213				
Estimated Total Project Cost - \$25,000,000 Improve Hana Highway Bridges. In				and shoulders, re	place railings, streng	thening of the super	structure to su	upport current desi	ign loads, all ab	utments will I	be upgraded, all	approach guard	rail and CRM wal	s will be upgrad	led.					
Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokuleh		5. Kailua, 6. Mak	anali																	
Hana Highway (Route 36) Safety Improvements,	DES				50	45	5				450	405	45							HSIP
Kaiae Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	CON										450	405	45							
Estimated Project Cost - \$500,000 Scope includes, but is not limited to: Install	ation of millad	rumblo etrine on	contading and	chouldors: supor	alayatian assassman	t (to dotormino troatr	nont) along o	entire segment if n	ocossanı' instal	flaching has	acons in both dire	ections near Ma	ma's Fish House:	nuch hack omh	ankmont: ineta	all rumble etrine in	lano: payomont	markings: 8 sign	nina	
54. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW	rumbic strips on	CCIRCINIC and	Shoulders, super	Dic valion assessment	To determine treati	none along c	mare segment, ii ii	cccssary, mstar	nasning boo	acons in boar and	Cuons ricar wa	ma s r isir riouse,	pasii back cilib	drikirioni, iristo	III TUTTIDIC SUIPS III	nano, pavement	markings, & sigi		NHPP
dem to Vicinity of Airport Access Road	CON										6,900	520	6.380							
	ADVCON													0	5,000	(5,000)				
Estimated Total Project Cost - \$7,400,000 Widen Hana Highway.																				
S5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW																104			NHPP
<mark>/sPres                                   </mark>	CON																5,825	4,660	1,165	
Estimated Total Project Cost - \$6,750,000 Replacement of a concrete T-beam	bridge on Hon	ooniiloni Hussin l	the vicinity of U	lonoluo Bou																
S6. Honoapiilani Highway (Route 3000) Realignment	bridge on non	оаршаш пwy ш г	lile vicirilly of H	опоша вау.																NHPP
odern Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																
	ROW				100	0	100													
	PE2/CON				38,875	31,100	7,775													
Estimated Total Project Cost - \$98,000,000 Continuation of Lahaina Bypass fro		lace to Relocated	Southern Terr	minus AND from F	Keawe Street Extensi	on to North of the Ka	anapali Coni													
S7. Honoapiilani Highway (Route 30), Safety Improvements	CON	ļ						1,352	1,217	135			-							HSIP
Ukumehame to Olowalu													-							
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to: Inst	allation of mills	od rumblo strins	on contorline es	nd shouldors: no:	oment markings; and	Leigning							<del> </del>							
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to: Inst S17. Honoapillani Highway (Route 30), Safety Improvements	CON	eu rambie sirips (	on centerine ar	iu sriouiuers, pav	ement markings; and	ayıllıy.		3.120	2.496	624			<del> </del>							HSIP
Ifety Vicinity of Kapoli Street to Papalaua Beach Park	0014							0,120	2,430	024			<b> </b>							
,																				
Estimated Project Cost - \$3,500,000 Scope includes, but is not limited to: Inst						signing.														
S8. Honoapiilani Highway (Route 30) Shoreline Protection	CON	3,250																		NHPP
sPres Vicinity of Olowalu																				
		ļ																		
Estimated Total Project Cost - \$3,500,000 Shoreline protection for approximate													<b></b>							
S9. Kahului Beach Road (Route 3400), Shoreline Protection	PREROW	20	16	4	ļ			0.40	100				-							STP FLEXIBLE
sPres Kahului Bay	ROW CON			-	<del>                                     </del>			240	192	48	5,233	186	5,047							
	ADVCON	1						-			5,233	186	5,047	0	4.000	(4,000)				
	ADVOON	1		ovide storm wave								1	1	Ü	4,000	(4,000)				l

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED Revision Effective Date: August 16, 2017

		EN = SYSTEM P			OAI ETT IIVII TO	VEIVIENTS BI	TOWN - CONC	SECTION WITHOUT	011 1 11111 -	VIODEINIVIENTIO	. 0.0.0.00	INITANCLINLIN	I BLUE = HUI	VIAIN SERVICE	3 IKANSPUKI	ATION FROOR	AIVI TOTAGOO	ISE = TRANSI		
[+[+[+[+[+[+]+[+]+[+]+[+]+[+[+]+[+]+[+]	1:-:-:'	FFY2015	5 (Oct 1, 14 - S	ep 30, 15)	FFY2010	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	9 (Oct 1, 18 - Se	p 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	+:+:+:+:+:+:+:+:+:+:+:+:
ęsoject.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
S10. National Recreational Trails Program - Maui (DLNR)	CON	449			449	359	90	449	359	90	449	359	90	449	359	90	449	359		NATIONAL RECREATIONAL
hance hance	1 '		1																	TRAILS (DLNR)
Estimated Total Project Cost - \$2,700,000 A Federal-aid assistance program to	) help the State	provide and mai	intain recreation	nal trails for both	motorized and n	on-motorized red	reational use. A	nticipated funding	or Maui progra	m.										
12. Paia Bypass Road - Paia Alternative Route,	PE2													3,570	2,856	714				STP FLEXIBLE
odem Vicinity of Spreckelsville to Vicinity of Hookipa Park	PREROW		<u> </u>														110	88	22	
			<u> </u>																	
Estimated Total Project Cost - \$169,000,000 Develop an alternative route to by		of Paia and other	er short term tra	ffic congestion in	provements. Pro	ject will be phas	ed after the env	ironmental phase is	complete.											
S20. Piilani Highway (Route 31) Safety Improvements	DES				90	81	9													HSIP
fety N. Kihei Rd to the Vicinity of Wailea Ike Dr., MP 0.0 to MP 7.15	CON										1,200	960	240							
			1																	
			1																	
Estimated Project Cost - \$500,000 Scope includes, but is not limited to: Installa		rumble strips on o	centerline and :	shoulders; shoul	der widening whe	re possible; traff	ic signal interco	nnectivity if possibl	e; installation of	backplates with i	retroreflective horo	lers for all traffic	cianal haade: a	at a second select to come	accoloration lan	o from Wolakah	on Rd. inetall run	abla strins in tu	mina lange: nav	ament markings: & signing
S13. Puunene Ave. (Rte 3500) Improvements,	PREROW	34	26								OU OF OFFICE REPORT	ioro roi air trainic	signai neaus, ex	aena rignt turn i	accelei alioni lani	e ii Oiii vveiakaiie	ao ita, mstan ran	ible strips in tui		
dem Kamehameha Ave. (Rte 3940) to Kuihelani Hwv (Rte 380)			26	0							ou or or or out of port	ioro ror air traine	, signar neaus, ex	aena rignt turn .	acceleration lan	e nom vvelakana	io ra, mstan ran	ibie suips iii tui		STP FLEXIBLE
Namenamena Ave. (Kte 3940) to Kulhelani Hwy (Kte 380)	ROW		20	٥				158	126	32		oro for all training	o signai rieaus, ex	tena ngnt tum .	acceleration lan	e nom vvelakana	ao rta, mstan ran	ible strips in tur		
Namenamena Ave. (Rte 3940) to Kulhelani HWy (Rte 380)	CON		26	0				158	126				, signal ricaus, ex	13,500	5,800	7,700				
Namenamena Ave. (Kite 3940) to Kulhelahi Hwy (Kite 380)			26	0				158	126		0.0.0.000000		o signal ricaus, ex					5,000		
Kamenamena Ave. (Kte 3940) to Kuinelani Hwy (Kte 380)  Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Kaahuri	CON ADVCON	uihelani Hwy. Imp	provement to bis	ike lanes could b	e included where	feasible.		158	126			oro to: an tant	Signal rieaus, ex							
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CON ADVCON	uihelani Hwy. Imp	provement to bi	ike lanes could b	e included where	feasible.		158	126		0.0.00000000000000000000000000000000000		. signar neaus, e							
Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Kaahun	CON ADVCON	uihelani Hwy. Imp	provement to bi	ike lanes could b	e included where	feasible.		158	126				Signar riedus, ez					5,000	(5,000)	
Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Kaahun MOLOKAI	CON ADVCON manu Ave. to Ku	uihelani Hwy. Imj	provement to bi	ike lanes could b	e included where	feasible.		158	126				. signar rieaus, e				0	5,000	(5,000)	STP FLEXIBLE
Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Kaahun MOLOKAI  S15. Kamehameha V Highway (Route 450), Bridge Replacement	CON ADVCON manu Ave. to Ku	uihelani Hwy. Imj	provement to bi	ike lanes could t	e included where	feasible.		158	126				a signal fleaus, e				0	5,000	(5,000)	STP FLEXIBLE
Estimated Total Project Cost - \$14,000,000 Widen Puunene Ave. from Kaahun MOLOKAI  S15. Kamehameha V Highway (Route 450), Bridge Replacement	CON ADVCON manu Ave. to Ku CON						ad and seismic	158		32				13,500	5,800	7,700	0	5,000	(5,000)	STP FLEXIBLE

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

	1	FFY2015 (Oct 1, 1	4 - Sep 30, 15)	FFY20:	16 (Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Sep	30, 17)	FFY201	3 (Oct 1, 17 - Ser	30, 18)	FFY2019	9 (Oct 1, 18 - 9	Sep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
PROJECT	PHASE	TGTAL FEDER (x\$1000) (x\$100	AL LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARK
COUNTY OF MAUI - FHWA																			
COUNTY OF MAUI - FHWA																			
Alaalaua Bridge Replacement,  B Hana Highway (Route 3700), MP 33.80	DES						750	0	750										LOCAL
Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road		new bridge; then removing	the temporary bypas		5.000	4.700													OTD ELEVIDLE
Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Haliimaile Road to Hana Hwy	CON			6,700	5,000	1,700													STP FLEXIBLE
Estimated Total Project Cost - \$9,600,000 - Reconstructing designated section	s of the existing r	roadway payement: resurfa	cing the remaining a	areas of roadway	pavement: providi	ing minor draina	ge improvements:	adiustina existina	manholes, val	lves, and street m	onuments: provid	ling pavement st	riping and mark	ings: and repla	cina existina siar	nage.			
Bridge Inspection and Appraisal	PLN			5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100	80	20		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		300						STP FLEXIBLE
Estimated Total Project Cost - \$1,000,000 Inspection of county-maintained b		d by FHWA. Bridge inspec	tion funding is provid	ded every two yea	rs.														
Central Maui Traffic Signal Upgrades	DES						270	0	270				4.000	1.040	000				STP FLEXIBLE
st. Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75) Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66)	CON												1,300	1,040	260				
Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48)																			
Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0)																			
Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12)				_															
Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)																			
Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																			
Estimated Total Project Cost - \$1,570,000 The project will upgrade eight (8)	existing signalized	d intersections within Kahu	lui. Upgrades includ	de new wiring, sig.	nal displays, signa	al hardware and	software, replacing	g mast arms and	signal poles (w	here needed), rev	rising signal timin	g, and curb ram	p upgrades.						
Guardrail and Shoulder Improvements, Various Locations																			STP FLEXIBLE
Phase 1 - Haliimaile Road (Route 371),	CON												1,592	1,200	392				
Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62																			
Phase 2	CON												1,873	1,440	433				
Estimated Total Project Cost - \$4,500,000 Construction of new metal guardra	ils and guardrail	end treatments, and upgra	des to existing traffic	c signage and ma	rkings. This is a c	continuous impro	vement program.												
Hahalawe Bridge Replacement,	DES			700	0	700													STP FLEXIBLE
Hana Highway (Route 3700), MP 31.05	CON															7,550	5,400	2,150	
Estimated Total Project Cost - \$8,250,000 The scope of work involves consti		lge mauka of the existing b	ridge and providing	limited repairs to	maintain the exist	ing bridge in pla	ce.												
Kahana Nui Bridge Replacement,  Lower Honoapiilani Road (Route 3080), MP 2.40	CON												3,683	2,570	1,113				STP FLEXIBLE
Estimated Total Project Cost - \$4,000,000 The scope of work involves demo.  Kahawaiokapia Bridge Replacement.	DES	g bridge, installing a new b	ridge, relocating exis		rater lines, recons	structing the exis	ting drainage syste	em to outlet into tr	e new briage, i	relocating an exis	ting power pole, o	constructing nev	v roadway with s	snoulaers, siae	waiks, curb and g	gutter, curb ramps	s and striping.		STP FLEXIBLE
Hana Highway (Route 3700), MP 36.61	CON												5,620	3,672	1,948				
Estimated Total Project Cost - \$6,500,000 The scope of work involves consti	ucting a tempora	ry bypass road mauka of ti	ne existing bridge; de	emolishing the ex	isting bridge; cons	structing the new	v bridge; then remo	oving the tempora	y bypass road	f.									
Kanaloa Avenue (Route 3420, MP 0-MP 0.9),	DES						300	0	300										STP FLEXIBLE
Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1,18) Resurfacing.	CON												6,730	5,384	1,346				
Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)																			
Estimated Total Project Cost - \$7,100,000 The proposed scope of work for the	is project consist	ts of pavement resurfacing	reconstructing exist	ting curb ramps a	nd sidewalks to be	e ADA complian	t, replacing existing	a sians, pavemen	markings and	d stripina.									
Kaupakalua Road (Route 365) Pavement Rehabilitation	DES	,	, , , , , , , , , , , , , , , , , , ,			,	550	0	550										STP FLEXILE
ST A KILL D. H. E. AKILL D. H.	CON		_	+						8.800	6.400	2,400							
Phase 1 - Kokomo Road to East Kuiaha Road Phase 2 - East Kuiaha Road to Hana Highway	CON									2,000	0,100	2,100	7,700	5,600	2,100				

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Coic	ır.ey: GR							ESTION MITIGATION PINE FFY2017 (Oct 1, 16 -											
		TOTAL		LOCAL				TOTAL FEDERAL		TOTAL						TOTAL		LOCAL	FUND CATEGORY & REMARKS
PROJECT	PHASE			(x\$1000)				(x\$1000) (x\$1000)											
13. Kihei Bikeway, Phase 2,	CON	3,5				12000)	(X41000)	(201000) (201000)	(2001)	(XQ1000)	(201000)	(801000)	(,41000)	(2007)	(401000)	1201000)	(X41000)	(X41000)	STP ENHANCEMENT
ance Liloa Drive (Route 3115, MP 1.39-MP 1.49),	CON	3,3	2,072	710	<u>'</u>					<u> </u>									STF ENTIANCEMENT
Lipoa Street (Route 3160) to Halekuai Street					<u> </u>					<u> </u>									
Epod offor (Node 0100) to National Offor																			
Estimated Total Project Cost - \$5,700,000 The proposed scope of work for this	project cons	sists of the cons	truction of a new	10 ft. wide multi-u	se path to accon	nmodate pedestrian	s and bicyclis	ts. Striping, signage & markin	as, landscapina, and	d path lighting will	also be part of t	he construction.							
214. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction	CON	biolo or the cone	aradion or a non	TO IL. WIGO IIIGIG G	oo paar to accom	imodato podocinan	o ana bioyono	9.500 6.9			dico so part or t	ilo concudencini							STP FLEXIBLE
Pres Haiku Road (Route 366) to MP 3.1 and								-,,											
Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction																			
Piiholo Road to Kokomo Road (Route 366)																			
Estimated Total Project Cost - \$11,000,000 Proposed scope of work consists of		reconstruction,	installing 4 feet w	ide paved shoulde	ers, reconstructin	ng existing curb ramp	ps and sidewa	lks to be ADA compliant, insta	alling 5 foot wide sid	ewalks to provide	a continuous ac	cessible route, u					nd striping.		
15. Koukouai Bridge Modifications,	CON												6,120	4,488	1,632				STP FLEXIBLE
sPres Piilani Highway (Route 3700), MP 28.59																			
Estimated Total Project Cost - \$6,220,000 The scope of work involves construct						temporary bypass ro	oad.			ļ									OTD ELEVIDLE
16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation,	DES	1	85 8	3 177					+	<u> </u>	+	-							STP FLEXIBLE
SPres Kualau Street to Honoapiilani Highway (Route 30)	CON	_		+	2,150	1,720	430		+	<u> </u>	+	-							
		-		+							+	-							
Fedinated Tetal Project Cost &O 200 000 The assessed			-1		in time a secondar and	- 4- 4- 4- 4- 5		-to-out- out-out-out-out-out-out-out-out-out-out-		in and a tain i	+	-							
Estimated Total Project Cost - \$2,300,000 The proposed scope of work for this C17. Kulanihakoi Bridge Replacement			nt reconstruction,	reconstructing ex	istirig curb ramps	s to be ADA complia	arıt, utility adju	strnents, replacing existing sig	ris, pavement marki	ings and striping. 4.243	3.329	914							STP FLEXIBLE
SPres South Kihei Road (Route 3100), MP 1.40	CON				<u> </u>					4,243	3,329	914							STP FLEXIBLE
Prest South Kinel Road (Route 3100), MP 1.40					<u> </u>					<u> </u>									
Estimated Total Project Cost - \$4,900,000 The scope of work involves construct	tina a tompo	orani hunace ro	ad mauka of the r	project site, demoli	ichina tha avictin	ng 4 call hav culvart	bridge install	ina a now hridao, inetallina nov	u navomont and ror	moving the temper	rany hypaes road	,							
18. Lelekea Bridge Replacement	CON	biary bypass ro	au mauka or trie p	lojeci site, demon	Shiriy ule exisuri	g 4-cell box culvelt	bridge, iristani	ng a new bridge, installing nev	v pavement, and rei	noving the tempor	lary bypass road					3.994	3.195	700	STP FLEXIBLE
Pres Pillani Highway (Route 3700), MP 27.23	0011															0,001	0,100	700	011 122/1022
· ····································																			
Estimated Total Project Cost - \$4,494,000 The scope of work involves construct	tina a tempo	orarv bypass roa	ad: constructing a	new bridge: then	removing the ter	mporary bypass roa	d.												
19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements,	DES				350		350												STP FLEXIBLE
sPres Phase IV, Hoohui Road to Napilihau Road (Route 3090)	CON												6,020	4,500	1,520				
Estimated Total Project Cost - \$16,000,000 The proposed scope of work consist	sts of pavem	nent reconstruct	ion, road widening	g, construct draina	ige systems, rela	ocate waterlines, cor	nstruct grade	adjustment walls, construct sid	lewalks, reconstruct	ing existing curb r	ramps to be ADA	compliant, repla	cing existing sign	is, pavement i	markings and str	iping.			
20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2)	DES							300	0 300	u <mark>.                                    </mark>									STP FLEXIBLE
Pres Pavement Rehabilitation,	CON															5,100	4,000	1,100	
Honoapiilani Highway (Route 30) to Hoohui Road																			
										<u> </u>									
Estimated Total Project Cost - \$5,400,000 The proposed scope of work for this  1. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing,		sists of pavernei	nt rehabilitation, re	econstructing exis	ting curb ramps 175				evement markings a	nd striping.									STP FLEXIBLE
	DES CON				1/5	0	175			<del> </del>			3.641	2.856	705				SIPFLEXIBLE
Pres Kahului Beach Road (Route 3400) to Hala Place	CON												3,041	2,836	785				
Estimated Total Project Cost - \$4,000,000 The proposed scope of work for this	project cons	sists of naveme	nt resurfacing red	constructing evietin	na curh ramps a	nd sidewalks to be 4	ADA complian	t renlacing existing signs, nav	ement markings and	d strining									
22. Makawao Avenue (Route 365, MP 1.5-MP 1.7)	ROW	o.o.o or paverner		Jones de la constitución de la c	750		750		omon mannings and	Jou.ping.									STP FLEXIBLE
nance - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements,	CON				750	0	.00						1,301	1,020	281				
Phase I - Eddie Tam Gymnasium to Kalama Intermediate School													.,	.,520	201				
Estimated Total Project Cost - \$2,100,000 Construct sidewalk improvements to	provide a cl	lear separation	between travel la	nes and pedestria	ns. Project will a	also review traffic op	perations and i	make recommendations to imp	prove traffic flow thro	ough the Makawad	o-Makani interse	ction.							
<ol> <li>Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3</li> </ol>	CON												730	584	146				STP FLEXIBLE
gest																			
Estimated Total Project Cost - \$1,430,000 Construct traffic signal improvement			Street and Imi Kal	a Street.															
4. North Shore Greenway, Phase IV	CON	_			<u> </u>			1,785 1,4	00 385	4									STP ENHANCEMENT
Ance Hana Highway (Route 36, MP 5.28-MP 6.11)		_			<u> </u>					<u> </u>									
from Ulupua Street to Baldwin Park		_			<u> </u>					<u> </u>									
				1						<u> </u>	+	1							
Estimated Total Project Cost - \$3,010,000 An asphalt shared-use path will be of						ulua Stream and par	rallel Hana Hiç	phway.		ļ	1								OTD ELEVIDLE
<ol><li>North-South Collector Road (Route 3115, MP 1.21-MP 1.99),</li></ol>	DES	4	50 (	450															STP FLEXIBLE
K 1 0 11 N DI	e = · · ·																		
Kaonoulu Street to Namauu Place	CON															7,190	5,000	2,190	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria C	Color Key: GRE	EN = SYSTEM F FFY201											T BLUE = HUI				AM TURQUOI	SE = TRANSIT	20 20 1	
		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOGAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)					(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86),	DES				600	0	600													STP FLEXIBLE
em Lokelani School to Auhana Road	ROW										15	0 0	150							
	CON				_												8,670	6,936	1,734	
Estimated Total Project Cost - \$32,000,000 Construct a two lane major colle	ector road includir	na separated mui	lti-use path. Pro	iect will also cor	struct three bride	ne/stream crossir	nas.													
7. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95)	DES	Ĭ			,		Ĭ	130	0	130										STP FLEXIBLE
gest Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	CON													1,250	1,000	250				
Estimated Total Project Cost - \$1,380,000 Upgrade existing traffic signal sy					treet. Other work	will include the	implementation of	of the flashing yel	llow arrow for the	permitted left tui	n movement onto	Pukalani Street	, new wiring, sign	al displays,						
signal hardware and software, replacing mast arms and signal poles (where n				1																OTD ELEVIDLE
Old Haleakala Hwy (Route 367)     Ress Aeloa Rd to Kula Hwy. (Route 37), Reconstruction	CON	4,958	3,527	1,431	<u> </u>						-									STP FLEXIBLE
Aeloa Rd to Kula Hwy. (Route 37), Reconstruction	-																			
Estimated Total Project Cost - \$5,500,000 Reconstruct pavement on Old Ha	aleakala Highway	from Aeloa Roa	d to Kula Hwy. I	ncluding paveme	ent striping and m	arking and utility	adjustments.													
8. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation,	DES	370																		STP FLEXIBLE
Pres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction,	CON													2,290	1,760	530				
Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)																				
Estimated Total Project Cost - \$2,700,000 The proposed scope of work for		sts of pavement r	econstruction, in	nstalling 4 feet w	ide paved should	lers, reconstructii	ng existing curb i	ramps and sidew	alks to be ADA o	ompliant, utility a	djustments, repla	cing existing sig	ns, pavement ma	rkings and strip						
9. Papa Avenue (Route 3910, MP 2.2) Traffic Signals	CON													880	688	192				STP FLEXIBLE
est at Hina Avenue (Route 3930, MP 0.8)																				
		1																		
Estimated Total Project Cost - \$1,060,000 Project will explore and consider						dential area.														OTD ELEVIDLE
30. Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at  Gest Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES	130	0	130	<u> </u>									1,250	1.000	250				STP FLEXIBLE
Jest Wainee Street (Route 3015, MP 0.3-MP 0.34)	CON													1,250	1,000	250				
Estimated Total Project Cost - \$1,380,000 This project will upgrade the exis	ting traffic signal.	at the intersection	n of Panalaua S	treet and Waine	e Street   Ingrade	es include new w	irina sianal disn	lavs signal hardı	ware and softwar	e renlacina mas	t arms and signal	noles (where ne	eded) revisina si	anal timina and	d curb ramp und	ırades				
Pavement Rehabilitation, Various Roads, South Maui	DES	20		20		The state of the s	III ig, oignai diop	iayo, oigilai riarai	Tare and contract	o, ropidoling mad	anno ana oigna	poice (micro ne	odody, rovioling of	griai armig, aric	l carb ramp apg	radoo.				STP FLEXIBLE
Pres Kulanihakoi Street (Route 3175), MP 0-MP 0.5	CON							7,800	5,600	2,200										
Waipuilani Road (Route 3170), MP 0-MP 0.6																				
Lipoa Road (Route 3160), MP 0-MP 0.6																				
and Welakahao Road (Route 3150), MP 0-MP 0.58																				
From South Kihei Road (Route 3100) to Pillani Highway (Route 31)					ļ															
Estimated Total Project Cost - \$7,500,000 The scope of work involves reco		ated sections of t	he existing road	way pavement;	resurfacing the re	maining areas of	f roadway pavem	nent; adjusting ex	risting manholes,	valves, and stree	et monuments; pi	oviding pavemer	nt striping and ma							
33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at	CON	-												843	648	195				STP FLEXIBLE
gest Waiinu Road (Route 3231, MP 1.15 to MP 1.18)																				
Estimated Total Project Cost - \$960,000 This project proposes to install a tr	affic signal at the	intersection of M	laiale Road and	Waiinu Road as	identified in carl	ior warrant studio	s however other	r alternatives will	he evaluated an	d considered alo	ng with TSM alto	matives Other in	mnrovements to b	e included are	roadway widoni	ing on Wajalo Po	and to accommod	late a left turn la	no	
24. Waipuilani Bikepath	CON	THE ISCULLATION OF VI	alaie Noau allu	Trailla Nodu de	rachinea in ean	Warrant Studie	Ja However, Ollie	ancinauves Will	Sevaruated arr	a considered alo	ng with 13w alte	nauves. Outer II	nprovements to L	1.765			au to accommod	alo a loit tuffi la		STP ENHANCEMENT
ance Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170)	0011				1									1,703	1,364	301				O. L. I.
Estimated Total Project Cost - \$2,180,000 The proposed scope of work for	this project consis	sts of the constru	ction of a new 1.	2 ft. wide multi-u	se path to accom	modate pedestri	ans and bicyclist	ts. Striping, signa	age & markings,	and street lighting	g will also be part	of the constructi	on.							
5. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and	CON													1,298	960	338				STP FLEXIBLE
est Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92)																				
Traffic Signal Upgrade																				
Estimated Total Project Cost - \$1,250,000 This project will upgrade the exist	ting traffic signal																			
MAUI: COUNTY OF MAUI - FHWA TOTAL		10,960	6,773	4,187	11,425	6,720	4,705	21,485	14,040	7,445	13,193	9,729	3,464	56,186	42,034	14,152	32,504	24,531	7,973	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED Revision Effective Date: August 16, 2017

			EFY2015	(Oct 1 14 - Son	30 15)	FFY2010	S (Oct 1 15 - Sc	m 30 16)	FFY2017	Oct 1, 16., So	n 30 17)	EEV2018 (C	ct 1 . 17 - Sor	n 30 12)	FFY201	19 (04 1 18 - 8	an 30 10)	FFY2020	/Ort 1 10 - Sc	an 30 20)	<b>€</b>
	₽ROJEÇT-	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
	COUNTY OF MAUI - FTA																				
C36.	Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870		FTA SECTION 5339 (Bus and Bus Fa Prgm)
ansit	Estimated Total Project Cost - \$6,062,000 Program funds will be utilized to	purchase commun	ication, passenge	r counting equipr	ment and buse	s for transit oper	ations														
42. nsit	Metropolitan Transportation Planning Program	PLN	208	166	42	209	167	42	215	172	43	221	177	44	229	183	46	235	188		FTA SECTION 5305(d) Kahului (pop 50,000-199,000)
	Estimated Total Project Cost - \$1,317,256 Planning projects.																			4	4
37. nsit	Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311(b)(3)
	Estimated Total Project Cost - \$6,568,000 Planning, capital, operating, job	access and revers	e commute projec	ts, and the acqui	sition of public	transportation s	ervices.														4
38	Urbanized Area - Kahului	PLN/EQP/OPR										2,082	1,041	1,041							FTA SECTION 5307 - Kahului (pop 199,999)
ansit	Estimated Total Project Cost - \$2,082,000 Provides grants to Urbanized A	Areas for public tran	sportation capital,	planning, job acc	cess and rever	se commute pro	jects, as well as	operating expe	nses in certain circu	mstances.											
39. man	Transportation Assistance for Elderly and Disabled	EQP	419	335	84		346		447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
	Estimated Total Project Cost - \$2,727,000 Enhanced Mobility of Seniors a	and Individuals with	Disabilities (Section	on 5310 - Non-Un	ban) Funds fro	m program will b	e utilized for the	purchase of ve	hicles.												
	MAUI : COUNTY OF MAUI - FTA TOTAL		2,562	1.749	813		1.809			1,864	872	4.900	2,961	1,939	2,907	1,980	927	2,995	2,040	955	<del></del>

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Cole											MAN SERVICES TRANSPOR			= TRANSIT		
		FFY2015	(Oct 1, 14 - Se	p 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sc	p 30, 17) FFY2018 (Oct 1, 17 - \$e	p 30, 18)	FFY2019 (Oct 1, 18 - \$	ep 30, 19)	FFY2020 (Oct	t 1, 19 - Sep 3	0, 20)	3 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL (x\$1000)	TOTAL FI (x\$1000) (:	EDERAL x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - MAUI																
NHPP (National Highway Performance Program)			11,140			31,100		0	520		5,000			4,743		
BRIDGE OFF-SYSTEM			0			0		0	0		0			0		
STP ENHANCEMENT/TAP			2,872			0		1,400	0		1,384			0		
STP FLEXIBLE			3,943			7,520		12,958	12,395		54,158			36,447		
SECTION 1404 - (Safe Routes to School)			0			0		0	0		0			0		
HSIP (Highway Safety Improvement Program)			0			126		3,713	1,365		0			0		
NATIONAL RECREATIONAL TRAILS			359			359		359	359		359			359		
CMAQ (Congestion Mitigation Air Quality)			0			0		0	0		0			0		
EQUITY BONUS			0			0		0	0		0			0		
EARMARK - HIGH PRIORITY			0			0		0	0		0			0		
EARMARK - RE-PURPOSED EARMARKS			0			0		0	0		0			0		
EARMARK - SECTION 112			0			0		0	0		0			0		
EARMARK - SECTION 115			0			0		0	0		0			0		
EARMARK - SECTION 117			0			0		0	0		0			0		
FLHD (Federal Lands Highway Discretionary)			0			0		0	0		0			0		
NRCS (National Resources Conservation Service)			0			0		0	0		0			0		
DISCRETIONARY			0			0		0	0		0			0		
HIGHWAYS FOR LIFE			0			0		0	0		0			0		
FTA TRANSFER FUNDS			0			0		0	0		0			0		
IMD (NHPP Discretionary)			0			0		0	0		0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0	0		0			0		
	SUBTOTAL		18,314			39,105		18,430	14,639		60,901			41,549		
LESS DISCRETIONARY, DEMOETC. PROJECTS			0			0		0	0		0			0		
LESS FTA TRANSFER FUNDS			0			0		0	0		0			0		
REGULAR FORMULA AUTHORITY	TOTAL		18,314			39,105		18,430	14,639		60,901			41,549		

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

*********************		FFY201	15 (Oct 1, 14 - Sep 30, 15)	FFY2016 (O/	t 1, 15 - Sep 30 16)			ON ORANGE =						FFY202	) (Oct 1, 19 - San	30. 20\	
PROJECT:	PHASE	TOTAL	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL F	EDERAL LOCAL	TOTAL FE	EDERAL LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMA
KAUAI : STATE - FHWA		1( 11 - 17 1			K VI COL			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							K 11 - 17 1	K *11**1/	
Bridge and Pavement Improvement Program, Kauai	CON	11,250	0 11,250	12,000	0 12,000	12,000	0 12,000	12,000	0 0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05	CON	3,750				77. 6. 1/											
Estimated Total Project Cost - \$67,200,000System maintenance of highway Yearly lump sum amounts represent total State Special Maintenance Program	(SMP) funding le	ements. Work m evels anticinated	nay include bridge and/or paveme If for Kauai program. The SMP is a	nt reconstruction, resi	urtacing, restoration, rehab Individual renair or mainter	nance projects that do no	tion. of normally occur annually	SMP funds have t	funded resurfacir	ng and navement	and hridae nres	envation projec	ts (System Prese	ervation)			
The current list of prioritized proposed SMP projects has been posted on the S	TIP website at: h	ttp://hidot.hawai	ii.gov/highways/other/other-related	I-links/stip/. Qualified	and priority SMP projects of	could receive federal fun	nds should they become av	ailable.	ariada roda radii	g and paromone	and bridge proc	lorranon projec	To (Oyolom 7 7000	or valion,			
Guardrail and Shoulder Improvements on State Highways, Kauai																	STP FLEXIBLE
Part 3	CON			1,020	816 204												
Part 4	DES CON			100	0 100	2,600	2,080 520	,	_								
Part 5	PE1					2,600	2,000 320	50	0	50							
	PE2										50	0	50				
	CON										1,000	800	200				
Estimated Total Project Cost - \$3,300,000 Improve guardrails and shoulders		ons.															
Kapule Highway / Rice Street / Waapa (Route 51) Road	ROW					+		850	680	170				4 18	3 348		NHPP
s Improvements and Nawiliwili Bridge Replacement	CON					+								4,185	3,348	837	
Estimated Total Project Cost - \$5,440,000 Strengthen/widen existing Nawiliv	vili Bridge. Impler	ment drainage ii	mprovements and safety improve	ments including new	signing and striping and gu	ardrails. Improve roadv	way approach to the bridge.										
Kaumualii Highway (Route 50), Bridge Rehabilitation	CON	67	0 67	4,440	3,552 888	,———		+									NHPP
s Bridge No. 7E	CON			4,440	3,55∠ 888			+									
Estimated Total Project Cost - \$5,365,000 Repair/rehabilitate bridge 7E on K	Kaumualii Highwa	y update to curr	rent bridge standards.														
Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	105	0 105														STP FLEXIBLE
Hanapepe Bridge	CON	100	80 20														
Phase 1 - Detour Road Phase 2 - Bridge work	CON			5,025	4,020 1,005	27,200	15,000 12,200	)	+					_			
Filase 2 - Blidge Work	CON					21,200	13,000 12,200	,									
Estimated Total Project Cost - \$35,000,000 Repair existing bridge substruct	ure, including the	initiation of sco	our prevention measures to impro	ve bridge footings. 20	15 CON funds to procure a	a Construction Manager	ment General Contractor (C	MGC) to provide o	construction rela	ted input as the de	signer prepare	s the designs.					
Kaumualii Highway (Route 50), Bridge Replacement  S Omao Bridge	CON										7.800	6.240	1,560				STP FLEXIBLE
omao Bridge	CON										7,800	6,240	1,000	+			
Estimated Total Project Cost - \$8,000,000 Rehabilitation of concrete T-girde	r bridge on Kaum	ualii Hwy in the	vicinity of Omao Road.														
Kuhio Highway (Route 56), Bridge Replacement	ROW							840									NHPP
Kapaia Bridge	CON ADVCON							11,150	0	11,150	0	8,920	(8,920)	\			
Estimated Total Project Cost - \$13,000,000 Replacement of a multi-T beam		te airder on Kul	hio Hwy in the vicinity of Kapaia.								0	0,920	(0,320)	,			
Kuhio Highway (Route 560), Bridge Rehabilitation	DES	2,100															STP FLEXIBLE
Wainiha Stream Bridges #1, #2, #3	ROW	100															
Phase 1 - Detour Road	CON	100	80 20		900 200	,			_								
Phase 1 - Detour Road  Phase 2 - Bridge work	CON			1,000	800 200	,					22,750	18,200	4.550				
· ······ = = =g- · · · · · ·											,,,,,,,	10,200	.,,555				
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing bridg		nds to procure a	a Construction Management Gene	eral Contractor (CMG	C) to provide construction	related input as the desi	igner prepares the designs.										
Kuhio Highway (Route 560), Bridge Rehabilitation  Waioli, Waipa, and Waikoko Stream Bridges	PE ROW							900	720	180	630	504	126	-			STP FLEXIBLE
Phase 1 - Detour Road	CON							+			630	504	120	+			
Phase 2 - Bridge work	CON										9,000	2,200	6,800				
	ADVCON													(	5,000	(5,000)	
Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges.	0011	-						40.000		40.000				-			OTD ELEVIDI E
Kuhio Highway (Route 56) Emergency Slope Stabilization,  Kalihiwai Bridge	CON ADVCON							13,000	3,000	10,000	0	7,400	(7,400)	)			STP FLEXIBLE
												7,130	(1,100)	1			
Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clear					orists.												
Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	ROW	120	0 120			+		+									NHPP
and Kapaa Stream Bridge Renabilitation  Phase 1 - Detour Road	CON			2.470	1.976 494	1		+									
Phase 2 - Bridge work	CON			2,	.,5.5						3,425	2,740					
- 	CON							4			9,375	7,500	1,875				RE-PURPOSED EARMARKS
Federal and Testal Project Ocean CAO FOO COO. Confederational Confederation Confederat		in and Kan	Otrono Bridge instrution 1 "	Luciana de la cuitata d	data a fara a da daire.	historia The heid "	1 h = -1			1							
Estimated Total Project Cost - \$16,500,000 Safety improvements at Mailihur Kuhio Highway (Route 56)	na Road intersect	ion and Kapaa (	Stream Bridge including guardrail	upgrades, wider sho	ulders for pedestrians and		be strengtnened to accom	rriodate present da	ay venicular mod	ies.							HSIP
Safety Improvements, MP 21.4 - 27.1	CON			120	90 24	•		1.080	864	216							I IOIF
								.,500									
Estimated Total Project Cost - \$1,200,000 Scope includes but not limited to,																	
National Recreational Trails Program - Kauai (DLNR)	CON	314	251 63	314	251 63	314	251 63	314	1 251	63	314	251	63	314	4 251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$1,900,000 A Federal-aid assistance program	to help the State	provide and m	aintain recreational trails for both	motorized and non-m	otorized recreational use	Anticipated funding for k	Kauai program.	+									IRAILO (DLINK)
KAUAI: STATE - FHWA TOTAL	p are orace	18,006			11,511 14,978		17,331 24,78	3 40,184	6,187	33,997	66,344	54,755	11,589	16,499	8,599	7,900	
			<del>                                     </del>									1	1				

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

		FFY2015 (Oct 1,	14 - \$ep 30, 15) FFY:	016 (Oct 1, 15 - Se	p 30, 16)	FFY2017 (Oct 1, 16 - Sep 30, 17)	FFY201	3 (Oct 1, 17 - Sep 30, 18)	FFY2019 (Oct 1, 18 - \$	Sep 30, 19)	FFY2020 (Oct 1, 19 -	Sep 30, 20)	FUND CATEGORY & REMAR
PROJEÇT:	PHASE	(x\$1000) (x\$16	00) (x\$1000) (x\$1000	(x\$1000)	(x\$1000)	TOTAL FEDERAL LOGAL (x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	TONE ON BOOK I & KUMPA
COUNTY OF KAUAI - FHWA										-			
Bridge Inspection and Appraisal	OPR		1	25 100	25		125	100 25			125 1	00 25	STP FLEXIBLE
Estimated Total Project Cost - \$375,000 Inspection of various bridges throug	hout the County.	FHWA Requirement. Thi	s is a regularly scheduled program.										
Hanapepe Road (Rte 545) Resurfacing	CON						3,000	2,400 600					STP FLEXIBLE
Estimated Total Project Cost - \$3,200,000 Resurface the entire length (5400	feet) of Hanapep	e Road. Full depth reclan	nation (FDR) technology will be used	on this project whe	never necessary	to match existing adjacent facilities.							
Improvements to Maluhia Rd. (RTE 520) and Kōloa Rd. (RTE 530)	PE CON					500 0 500	4.500	4,000 500		-			STP FLEXIBLE (PE as soft match)
_							,,,,	,,,,,,					
Estimated Total Project Cost - \$5,000,000 Part of an ongoing roadway and s shoulder widening these roads, to better serve all users and provide support fo.							it cracked and dela	minated pavement as well as ba	se failure. The work also includ	les			-
Improvements to Various Collector Roads	PE		,				500	0 500					STP FLEXIBLE (PE as soft match
Kukui St. (RTE 581), Olohena Rd. (RTE 581), Ulu St. (RTE 5805), Haleilio Rd. (RTE 5840), Kawaihau Rd. (RTE 5860), Kaapuni Rd. (RTE 586	CON								4,500 4,000	500			-
Estimated Total Project Cost - \$5,000,000 part of an ongoing roadway and st	treet maintenance							ment as well as base failure The	work also includes				
shoulder widening on some project roads (Olohena Rd. and Kaapuni Rd.) when Kapahi Bridge Replacement	re feasible, to bet CON		1,600 400	work also includes of	drainage improve	ements in areas that exhibit erosion and inadequa	ite drainage.			+			STP FLEXIBLE
				aroto plopi'	narata d==!::	tallation of a new bridge "It "	vioting at = 1 t= :	namhara					
Estimated Total Project Cost - \$2,500,000 Repair or rehabilitate and strength.  Kawaihau Road (Route 5860), Hauaala Road (Route 5865)	PLN	apani Bridge by construc 100	80 20	лете ріапкѕ, апа со	ncrete deck; ins	ualiauori oi a new briage rails; and restoration of e	xisung steel truss l	nembers.					STP FLEXIBLE
Mailihuna Road (Route 5870), Complete Street & Safety Improvements	DES	275	220 55						3 183 2 546	637			
	00.1								0,100 2,010	50.			
Estimated Total Project Cost - \$3,435,000 Construction of roundabouts at He Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk cor					alk and pedestri	ian crossing improvements on Kawaihau Rd (Rou	te 5860); Sidewalk	construction on Hauaala Rd (Ro	ute 5865) in the vicinity of Sair	nt Catherine School;			
Lihue-Anahola Coastal Bike Path	istruction on iviali	Inuria Ru (Roule 3670), E	ius stop srieiters on Kawainau Ku (K	oute 5660).									STP ENHANCEMENT
Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Kawaihau Road to Gore													_
Park	CON		2,2	50 2,250	0								
Phase C & D	PE2 ROW					.00	)						-
	CON						1,591	1,591 0					
A shared-use path for pedestrians, bicyclists, and other users from Papaloa Ro Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path	ad to Uhelekawa	wa Canal, a distance of a	pproximately 1.2 miles . The bike/pe	destrian path will be	10 to 12 feet w	ide and allow movement in both directions.							
Phase A - Ahukini Landing to Hanamaulu Beach Park	PE2								1,167 1,167	0			
Phase B - Hanamaulu Beach Park to Wailua Golf Course	CON PE1								831 831	0	7,727 7,7	27 0	-
	ROW										4,162 4,1	62 0	
The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting	with an existing p	path at Lydgate Park. A f	uture phase C will go from Wailua G	 olf Course to Lydgat	e Park and cost	\$9.5 million.							
Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini	PE2								1,907 1,907	0			
Friase A - Millin Polin to Anukin	ROW								1,907	0	420 4	20 0	
Phase B - Ninini Point to Nawiliwili Beach Park	CON PE2								1.020 1.020	0			_
Path development will consist of a 10 to 12-foot wide concrete shared-use coast		ted of various low-mainte	nance materials. Bike lane and side	valk improvements	to existing and p	lanned street corridors will provide additional con	nectivity through u	ban areas.	1,020	U			
Estimated Total Project Cost - \$50,500,000 Complete Lihue - Anahola Coast	tal Bike Path. a st	hared use path.											-
Lihue Town Core Mobility and Revitalization	PE1		1,0	91 953	138								TIGER (2015)
l	PE2/CON					14,724 12,862 1,862	2						-
Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to		Rice Street road diet and	streetscape improvements; 3) Sidew	alks on Hoala and h	alena Streets; 4			ter to Convention Hall shared us	e path; 6) Civic Center Transit	Services; and 7) Pu	aole and Malae Streets bid		OTD ELEVIDLE
Opaekaa Bridge Rehabilitation	CON					3,500 2,800 700	J						STP FLEXIBLE
Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and strength Poipu Road (Route 520) Multimodal Improvements	nen the existing O PLN	paekaa Stream Bridge by 100		ents, concrete plan	ks, and concrete	deck; installation of a new bridge rails; and resto	ration of existing s	eel truss members.					STP FLEXIBLE
roipu roau (roule 520) Multimodal Improvements	DES	400	80 20 320 80										SIF FLEXIBLE
Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road	CON								5,100 4,080	1,020	4,080 3,2	64 816	
Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and bike		ion and pedestrian crossi	ng improvements; Construction of a	roundabout at Kiahu	ına Plantation D	I	ous stop shelters; C	Construction of medians and land	scaping		4,080 3,2		
Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaumualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35)	CON		2,640 660										STP FLEXIBLE
Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	DES	3,300 250	2,640 660 200 50										
	CON						3,570	2,856 714					-
Estimated Total Project Cost - \$7,100,000 Rehabilitate Puhi Road. Phase 1 v		alii Hwy (MP 0.00) to Kan	eka Street. Phase 2 will rehabilitate	Puhi Road from Kan	eka Street to So			widening, incorporating Complete	Streets principles, and replace	ing pavement marke	ers, striping, and traffic sign	IS.	
Puuopae Bridge Rehabilitation	CON					3,249 2,599 650							STP FLEXIBLE
Estimated Total Project Cost - \$3,600,000 Repair or rehabilitate and strength	nen the existing P	uuopae Bridge by perforr	ning the replacement of steel girders										
KAUAI: COUNTY OF KAUAI - FHWA TOTAL	_	6.425	5.140 1.285 3.4					10.947 2.339	17.708 15.551	2.157	16.514 15.6	73 841	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Co																				
		FFY201	5 (Oct 1, 14 - Se	өр 30, 15)	FFY2016	6 (Oct 1, 15 - Se)	p 30, 16)	FFY2017	' (Oct 1, 16 - Se	p 30, 17)	FFY2018 (0	Oct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - S	ep 30, 19)	FFY2020	Oct 1, 19 - Se	ep 30, 20)	
PROJECT:	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	(x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
			.,, .																	
COUNTY OF KAUAI - FTA																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit											9.1-	100								
Estimated Total Project Cost - \$3,400,000 Capital projects to replace, rehabili	tate and purch	ase buses, vans,	and related equ	ipment, and to co	nstruct bus-relat	ed facilities.														
KC15. Bus and Bus Facility (discretionary)	EQP							725	580	145										FTA SECTION 5339 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$725,000 Capital projects to replace buses.																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
Transit																				
Estimated Total Project Cost - \$13,160,000 Planning, capital, operating, job a	access and rev	erse commute pro	jects, and the a	acquisition of pub	lic transportation	services.														
KAUAI: COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

	olor Key: GREEN = SYSTE									JMAN SERVICES TRANSPOR				
	FFY	2015 (Oct 1, 14 - S	Sep 30, 15)	FFY2016	6 (Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sc	ep 30, 17) FFY2018 (Oct 1, 17 - \$6	ep 30, 18)	FFY2019 (Oct 1, 18 - \$	Sep 30, 19)	FFY2020 (Oct 1, 19	- Sep 30, 20)	
PROJECT	TOTAL PHASE (x\$1000	FEDERAL ) (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000)	LOGAL TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	LOGAL (x\$1000)	TOTAL FEDER. (x\$1000) (x\$100	AL LOCAL )) (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - KAUAI														
NHPP (National Highway Performance Program)		0	)		5,528		0	1,352		11,660		3,	348	
BRIDGE OFF-SYSTEM		0	)		0		0	0		0			0	
STP ENHANCEMENT/TAP		0	)		2,250		900	1,591		4,925		12,	309	
STP FLEXIBLE		9,980	)		5,736		22,479	13,076		45,970		8,	364	
SECTION 1404 - (Safe Routes to School)		0	)		0		0	0		0			0	
HSIP (Highway Safety Improvement Program)		0	)		96		0	864		0			0	
NATIONAL RECREATIONAL TRAILS		251			251		251	251		251			251	
CMAQ (Congestion Mitigation Air Quality)		0	)		0		0	0		0			0	
FTA TRANSFER FUNDS		0	)		0		0	0		0			0	
EQUITY BONUS		0	)		0		0	0		0			0	
EARMARK - HIGH PRIORITY		0	)		0		0	0		0			0	
EARMARK - RE-PURPOSED EARMARKS		0	)		0		0	0		7,500			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	)		953		12,862	0		0			0	
HIGHWAYS FOR LIFE		0	)		0		0	0		0			0	
IMD (NHPP Discretionary)		0	)		0		0	0		0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD		0	)		0		0	0		0			0	
	SUBTOTAL	10,231			14,814		36,492	17,134		70,306		24,	272	
LESS DISCRETIONARY, DEMOETC. PROJECTS		0	)		(953)		(12,862)	0		(7,500)	)		0	
LESS FTA TRANSFER FUNDS		0	)		0		0	0		0			0	
REGULAR FORMULA AUTHORITY	TOTAL	10,231			13,861		23,630	17,134		62,806		24,	272	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Colo		EN = SYSTEM F	PRESERVATION	N PURPLE = S	SAFETY IMPRO	VEMENTS BE	ROWN = CONG	ESTION MITIGATIO	N PINK =	MODERNIZATION	ORANGE = EN	HANCEMEN	T BLUE = HUI	MAN SERVICE	S TRANSPORT	TATION PROGR	AM TURQUOI	SE = TRANSI	Г	
		FFY201	5 (Oct 1, 14 - Se	эр 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017 (0	Oct 1, 16 - Se	p 30, 17)	FFY2018 (O	ct 1, 17 - Se	p 30, 18)	FFY201	9 (Oct 1, 18 - Se	ep 30, 19)	FFY2020 (	Oct 1, 19 - Se	p 30, 20)	+ 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0
- PROJEÇT-			FEDERAL			FEDERAL		TOTAL	FEDERAL	LOGAL				TOTAL	FEDERAL	LOCAL				FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	
<u>FTA SUMMARY</u>																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		482	385	97	497	397	100	1,387	1,109	278	754	602	152	771	615	156	789	629	160	
C&C OF HONOLULU		77.125	48.155	28,970	68.163	40.798	27.365	2.563.681	808,414	1.755.267	80.252	46.158	34,094	67.861	31,236	36.625	68.127	31,317	36.810	
C&C OF HONOLULU		77,125	48,155	28,970	68,163	40,798	21,365	2,563,681	808,414	1,755,267	80,252	46,158	34,094	67,861	31,236	30,025	68,127	31,317	36,810	
COUNTY OF HAWAII		2,520	1,415	1.105	2,637	1.478	1.159	3.193	1,903	1.290	2,802	1.570	1,232	2,888	1,618	1,270	2.977	1,668	1.309	
COUNTY OF HAWAII		2,520	1,415	1,105	2,037	1,470	1,159	3,193	1,903	1,290	2,002	1,570	1,232	2,000	1,010	1,270	2,911	1,000	1,309	
MAUI, STATE		32,803	11.541	21,262	61,064	32,385	28.679	25,819	4.390	21.429	37.832	4.910	32,922	39,084	18,867	20,217	35,523	17,018	18,505	
WAOI, STATE		32,003	11,541	21,202	01,004	32,303	20,079	25,019	4,330	21,423	37,032	4,510	32,322	39,004	10,007	20,217	33,323	17,010	10,303	
COUNTY OF MAUI		2,562	1.749	813	2,656	1.809	847	2.736	1.864	872	4.900	2.961	1.939	2.907	1.980	927	2.995	2,040	955	
333111 31 111131		2,002	1,7 10	0.0	2,000	1,000	0	2,700	1,001	0.2	1,000	2,001	1,000	2,007	1,000	02.	2,000	2,010	000	
COUNTY OF KAUAI		2,520	1.415	1.105	2.637	1,478	1.159	3,443	2.103	1.340	2.802	1.570	1,232	2.888	1.618	1,270	2.977	1.668	1.309	
		_,,,_,	.,	.,	_,,,,,	,,,,,	,,,,,,	9,	_,	.,,	-,	.,,	.,	_,,	.,,,,,	.,,	_,_,	.,,,,,,	.,,,,,	
FTA TOTAL		118,647	65,240	53,407	138,312	78,945	59,367	2,601,499	820,851	1,780,648	130,297	58,536	71,761	117,382	56,721	60,661	114,401	55,151	59,250	
											·									

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

***************************************	1: -: -: -:	FFY2015	5 (Oct 1, 14 - Se	ep 30, 15)	FFY2016	6 (Oct 1, 15 - Sej	p 30, 16)	FFY2017 (C	Oct 1, 16 - Sc	p 30, 17)	FFY2018 (0	Oct 1, 17 - Se	p 30, 18)	FFY201	19 (Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
₽ROJEÇT-	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)		TOTAL (x\$1000)			TOTAL (x\$1000)			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA SUMMARY																				
STATEWIDE		37,705	6,693	31,012	36,045	5,625	30,420	53,436	17,116	36,320	59,980	27,348	32,632	49,985	14,127	35,858	44,165	11,981	32,184	
Oahu - State		158,769	89,719	69,050	100,095	68,760	31,335	277,376	95,684	181,692	141,009	77,970	63,039	220,006	185,242	34,764	120,158	123,468	(3,310)	
City and County of Honolulu		29,508	17,000	12,508	29,553	19,551	10,002	9,168	4,744	4,424	50,936	17,698	33,238	56,436	20,725	35,711	13,768	9,984	3,784	
ISLAND OF OAHU		188,277	106,719	81,558	129,648	88,311	41,337	286,544	100,428	186,116	191,945	95,668	96,277	276,442	205,967	70,475	133,926	133,452	474	
Hawaii - State		66,236	48,828	17,408	28,740	9,844	18,896	38,886	18,182	20,704	104,692	3,993	100,699	41,174	60,939	(19,765)	35,634	40,667	(5,033)	
County of Hawaii		900	720	180	18,300	11,264	7,036	14,680	11,640	3,040	12,820	10,016	2,804	14,800	14,637	163	22,900	14,080	8,820	
ISLAND OF HAWAII		67,136	49,548	17,588	47,040	21,108	25,932	53,566	29,822	23,744	117,512	14,009	103,503	55,974	75,576	(19,602)	58,534	54,747	3,787	
Maui - State		32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	37,832	4,910	32,922	39,084	18,867	20,217	35,523	17,018	18,505	
County of Maui		10,960	6,773	4,187	11,425	6,720	4,705	21,485	14,040	7,445	13,193	9,729	3,464	56,186	42,034	14,152	32,504	24,531	7,973	
ISLAND OF MAUI		43,763	18,314	25,449	72,489	39,105	33,384	47,304	18,430	28,874	51,025	14,639	36,386	95,270	60,901	34,369	68,027	41,549	26,478	
Kauai - State		18,006	5,091	12,915	26,489	11,511	14,978	42,114	17,331	24,783	40,184	6,187	33,997	66,344	54,755	11,589	16,499	8,599	7,900	
County of Kauai		6,425	5,140	1,285	3,466	3,303	163	22,873	19,161	3,712	13,286	10,947	2,339	17,708	15,551	2,157	16,514	15,673	841	
ISLAND OF KAUAI		24,431	10,231	14,200	29,955	14,814	15,141	64,987	36,492	28,495	53,470	17,134	36,336	84,052	70,306	13,746	33,013	24,272	8,741	
FHWA TOTAL	1	361.312	191.505	169.807	315.177	168.963	146.214	505.837	202,288	303.549	473.932	168.798	305,134	561,723	426.877	134.846	337.665	266,001	71.664	

# STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #11 APPROVED

Project Criteria Colo	or Key: GRE	EN = SYSTEM F	PRESERVATIO	N PURPLE = S	SAFETY IMPRO	VEMENTS BR	OWN = CONG	ESTION MITIGATION PINK =	MODERNIZATION ORANGE = ENHANCEMEN	T BLUE = HU	JMAN SERVICES TRANSPOR	TATION PROGE	RAM TURQUOISE =	TRANSIT	
<ul> <li>(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)</li></ul>	1:::::::	FFY201	5 (Oct 1, 14 - Se	p 30, 15)	FFY2016	6 (Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sc	p 30, 17) FFY2018 (Oct 1, 17 - \$e	p 30, 18)	FFY2019 (Oct 1, 18 - \$	ep 30, 19)	FFY2020 (Oct	, 19 - Sep 30, 20)	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
		TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL FEDERAL	LOGAL TOTAL FEDERAL	LOCAL	TOTAL FEDERAL	LOCAL	TOTAL FE	ERAL LOCAL	FUND CATEGORY & REMARKS
PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL FEDERAL (x\$1000) (x\$1000)	(x\$1000) (x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000) (x	1000) (x\$1000)	FUND CATEGORY & REMARKS
FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP															
NHPP (National Highway Performance Program)			99,005			98,941		72,537	74,661		226,207			157,648	
BRIDGE OFF-SYSTEM			720			720		0	720		800			800	
STP ENHANCEMENT/TAP			2,872			4,861		5,340	4,319		18,348			19,645	
STP FLEXIBLE			80,481			53,103		82,634	76,388		168,421			81,881	
SECTION 1404 - (Safe Routes to School)			200			1,500		1,400	1,500		750			0	
HSIP (Highway Safety Improvement Program)			2,466			7,424		16,394	8,949		2,590			4,366	
NATIONAL RECREATIONAL TRAILS			1,196			1,196		1,196	1,196		1,196			1,196	
CMAQ (Congestion Mitigation Air Quality)			0			0		0	0		0			0	
FTA TRANSFER FUNDS			0			0		0	0		0			0	
EQUITY BONUS			0			0		0	0		0			0	
EARMARK - HIGH PRIORITY			0			0		0	0		800			200	
EARMARK - RE-PURPOSED EARMARKS			0			0		3,360	800		7,500			0	
STSFA GRANTS			0			0		4,000	0		0			0	
EARMARK - SECTION 115			0			0		0	0		0			0	
EARMARK - SECTION 117			0			0		0	0		0			0	
FLHD (Federal Lands Highway Discretionary)			265			265		265	265		265			265	
NRCS (National Resources Conservation Service)			0			0		0	0		0			0	
DISCRETIONARY (TIGER 2015)			0			953		12,862	0		0			0	
HIGHWAYS FOR LIFE			0			0		0	0		0			0	
IMD (NHPP Discretionary)			4,300			0		2,300	0		0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0		0	0		0			0	
	SUBTOTAL		191,505			168,963		202,288	168,798		426,877			266,001	
LESS DISCRETIONARY, DEMOETC. PROJECTS			(4,565)			(1,218)		(22,787)	(1,065)		(8,565)			(465)	
LESS FTA TRANSFER FUNDS			0			0		0	0		0			0	
REGULAR FORMULA AUTHORITY	TOTAL	=	186,940			167,745		179,501	167,733		418,312			265,536	