

**DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
Revision Effective Date: June 15, 2016**

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

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>STATEWIDE - FHWA</b>																				
S1. Bikeway Improvements at Various Locations, Statewide <b>Enhance</b>	DES PE1												100	80	20					STP FLEXIBLE (Split \$300K DES into PE1 and PE2)  (Use Adv CON funding for financial constraint)
	PE2												200	160	40					
	ROW											55	45	10			50	0	50	
	CON											2,100	180	1,920			500	400	100	
	ADVCON													0	1,500	(1,500)				
<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																				
S2. Bridge Inspection and Appraisal <b>SysPres</b>	PLN	3,100	2,480	620	0	0	0	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP (2016 funds not needed. Will use leftover previous funds)
<i>Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																				
S3. Construction Career Days Workforce Development Program <b>Human</b>	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																				
S23. Highway Program Peer Exchange (HDOT-CFL) <b>SysPres</b>	PLN	610	488	122																STP FLEXIBLE
<i>Estimated Total Project Cost - \$500,000 -- To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will developed, in part, in the form of workshops, roundtable discussions and other structured engagements.</i>																				
S4. Highway Research and Development Program <b>SysPres</b>	PLN	850	680	170	1,600	1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																				
S24. Highway Safety Improvement Program (HSIP), Infrastructure Funding Program <b>Safety</b>	DES PE1							50	40	10			50	40	10					HSIP (Split \$200K of DES into PE1 and PE2)
	PE2							150	120	30			150	120	30					
	CON										740	666	74				2,000	1,800	200	
<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																				
S5. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program <b>Safety</b>	PLN/DES	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP (Change phase from PLN/DES to PLN/OPR)
	PLN/OPR																			
<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																				
S6. Highway Shoreline Protection, Statewide <b>SysPres</b>	DES PE1										50	40	10			50	40	10		STP FLEXIBLE (Split \$200K of DES into PE1 and PE2)
	PE2										150	120	30			150	120	30		
	CON													2,000	0	2,000				
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S7. Pedestrian Facilities and ADA Compliance at Various Locations <b>Enhance</b>	DES PE1							135	108	27	130	104	26							STP FLEXIBLE (split \$208K of DES in 2017 and \$200K of DES in 2018 into PE1 and PE2)
	PE2							73	58	15	70	56	14							
	CON													1,040	832	208	1,000	800	200	
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S8. Federal Lands Highway Access Discretionary Program <b>Modern</b>	DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY (Change phase from DES/CON to PE/CON)
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				
S9. Safe Routes to School (SRTS) Program <b>Safety</b>	PLN/DES	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL  (Change phase from PLN/DES to PE; and Pr/Ds/Co to PE/CON)
	Pr/Ds/Co				1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	0				
<i>Estimated Total Project Cost - \$6,450,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																				
S10. SNIPP - Statewide Noxious Invasive Pest Program <b>Enhance</b>	OPR				0	0	0	3,030	2,424	606				3,100	2,480	620	820	656	164	STP FLEXIBLE (Delete 2016 funds since there is still remaining funds from previous years)
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																				
S11. Statewide Highway Lighting and Traffic Signal Upgrade Program <b>Safety</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	6,000	4,800	1,200	5,000	0	5,000	5,000	0	5,000	NHPP (Change phase from DES-CON to PE-CON)
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																				
S12. Statewide Signing, Striping and Pavement Marking Program <b>SysPres</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL (Change phase from DES-CON to PE-CON)
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																				
S13. Statewide Guardrail and Shoulder Improvement Program <b>SysPres</b>	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL (Change phase from DES-CON to PE-CON)
	DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																				
S14. Structural Countermeasures for Scour Critical Bridges <b>SysPres</b>	CON												3,000	0	3,000					LOCAL
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																				
S15. Technology Transfer and Technical Assistance Program <b>Modern</b>	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																				

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S16. Traffic Counting Stations, Various Locations	CON									1,500	1,200	300							STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP</i>																				
<b>STATEWIDE - FHWA TOTAL</b>		<b>37,705</b>	<b>6,693</b>	<b>31,012</b>	<b>36,045</b>	<b>5,625</b>	<b>30,420</b>	<b>42,133</b>	<b>10,475</b>	<b>31,658</b>	<b>44,590</b>	<b>15,036</b>	<b>29,554</b>	<b>47,685</b>	<b>12,287</b>	<b>35,398</b>	<b>41,865</b>	<b>10,141</b>	<b>31,724</b>	

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<b>STATEWIDE - FTA</b>																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Human</i> <i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S18. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Human</i> <i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Human</i> <i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN	234	117	117	242	121	121	250	125	125	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Transit</i> <i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
<b>STATEWIDE - FTA TOTAL</b>		<b>869</b>	<b>697</b>	<b>172</b>	<b>900</b>	<b>721</b>	<b>179</b>	<b>927</b>	<b>743</b>	<b>184</b>	<b>955</b>	<b>765</b>	<b>190</b>	<b>983</b>	<b>787</b>	<b>196</b>	<b>1,013</b>	<b>811</b>	<b>202</b>	

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<b>FUNDING CATEGORY SUMMARY - STATEWIDE</b>																				
NHPP (National Highway Performance Program)			2,480		0		2,800		2,800		2,800		2,800		2,800		2,800			
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0			
STP ENHANCEMENT / TAP			0		0		0		0		0		0		0		0			
STP FLEXIBLE			1,318		1,430		3,420		7,375		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							
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							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
H-3 DISCRETIONARY			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			6,693		5,625		10,475		15,036		12,287		10,141							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY			6,428		5,360		10,210		14,771		12,022		9,876							

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<b>OAHU : STATE - FHWA</b>																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	20,584	0	20,584	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
SysPres Kamehameha Highway (Route 83) Resurfacing, Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66 Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place.	CON	14,551	1,835	12,716																
	ADVCON				0	10,000	(10,000)													
	CON	17,700	14,600	3,100																
<i>Estimated Total Project Cost - \$237,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW							0	0	0	597	478	119							NHPP (defer, inflate; procuring design consultant) A.2
SysPres Ulehawa Stream Bridge	CON													8,405	6,724	1,681				
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
SysPres Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
<i>Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.</i>																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW				1,122	898	224													NHPP
SysPres Makaha Bridges #3 & #3A	CON													22,000	7,600	14,400				
ADVCON																0	10,000	(10,000)		
<i>Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																				
OS5. Freeway Management System,																				NHPP
Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200	(1,200)													
Phase 1C Part 3	CON				5,100	4,080	1,020													
Phase 2A	CON							10,000	4,000	6,000										
ADVCON											0	4,000	(4,000)							
System Manager	DES OPR				2,020	1,616	404													(revised Phase from DES to OPR for better accuracy) A.3
Phase 3	DES							2,080	1,664	416										
CON														0	0	0	10,200	4,000	6,200	(Defer/inflate reflecting new schedule) A.3
ADVCON																0	0	0		
<i>Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																				
OS57. Freeway Management System,	OPR							350	280	70	350	280	70	350	280	70	350	280	70	NHPP
Congest Joint Traffic Management Center Operations (State)																				
<i>Estimated Total Project Cost - \$1,400,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.</i>																				
OS9. Freeway Service Patrol	OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
Congest																				
<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes &amp; other incidents, assisting sick or injured motorists with basic first aid, &amp; notifying 911 of incidents.</i>																				
OS10. Guardrail and Shoulder Improvements, Various Locations	CON				2,228	1,782	446													HSP
Phase 1	DES PE1							170	136	34										(split \$260K of DES into PE1 and PE2) A.3
Phase 2	PE2										90	72	18							
CON											3,121	2,497	624							
Phase 3	DES										250	200	50							
CON																3,000	2,400	600		
<i>Estimated Total Project Cost - \$10,000,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																				
OS64. Honolulu Rail Transit Project - Highway Improvements	CON				3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750							STP FLEXIBLE (increase fed aid from \$24 M to \$33 M split over 3 years) A.11
Transit																				
<i>Estimated Total Project Cost - \$41,250,000 -- Traffic improvements to traffic control devices and intersections affected by rail construction along the West Oahu Farrington Highway (Routes 7110 &amp; 7101 from Old Fort Weaver Road to Waipahu High School) and Kamehameha Highway (Route 99 from Acacia Road to Aloha Stadium) Gideway construction corridors.</i>																				
OS11. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
Congest																				
<i>Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign	CON				2,704	2,434	270													NHPP
SysPres Upgrade/Replacement, Phase II	DES				554	499	55													
Phase III	CON													6,000	5,400	600				
<i>Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.</i>																				

**DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
Revision Effective Date: June 15, 2016**

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS13. Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	ROW CON	25	0	25	6,300	5,040	1,260													NHPP
<i>Estimated Total Project Cost - 7,000,000 -- Rehabilitate existing bridge.</i>																				
OS58. Interstate Route H-1, Corridor Study, Short Term Improvements	PLN							2,000	1,600	400										NHPP
<i>Estimated Total Project Cost - \$15,000,000 -- Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study</i>																				
OS56. Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection	CON				4,080	2,300	1,780													Interstate Maintenance Discretionary
<i>Estimated Total Project Cost - \$5,000,000 -- Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.</i>																				
OS59. Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	DES			900	0	900														LOCAL
<i>Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.</i>																				
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	CON ADVCON							6,497	347	6,150	0	5,500	(5,500)							NHPP (redistribute AdvCON reimbursement) A.3
<i>Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS15. Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON ADVCON CON				5,360	288	5,072				0	4,000	(4,000)							NHPP (Cost estimate increase A.11; use AdvCON) A.3 HSIP (dual fund with HSIP funds) A.8
<i>Estimated Total Project Cost - \$ 7,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																				
OS16. Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	CON										7,446	5,957	1,489							NHPP
<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																				
OS17. Interstate Route H-1, Kapolei Interchange Complex Phase 2	CON CON	4,800	4,300	500																INTERSTATE DISCRETIONARY NHPP
Phase 3	ADVCON	65,500	41,200	24,300																NHPP (Update obligation numbers for 2015 and update AdvCON numbers in 2017) A.3
	DES ROW				0	9,977	(9,977)	0	10,000	(10,000)										
<i>Estimated Total Project Cost - \$139,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalalai and Makakilo Interchanges.</i>																				
OS18. Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	CON ADVCON																25,200	8,000	17,200	NHPP
<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																				
OS20. Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalalai IC) to Waiawa Overpass	CON ADVCON							4,080	1,000	3,080	0	2,264	(2,264)							HSIP (Use AdvCON funding) A.3
<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																				
OS22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3	DES CON				1,080	864	216							6,240	4,992	1,248				NHPP
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS60. Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)	DES PE2										6,000	4,800	1,200							NHPP (rename phase to PE2) A.3
<i>Estimated Total Project Cost - \$68,000,000 -- Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project Cost is based on a potential full build alternative.</i>																				

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS24. Kalaniana'ole Highway (Route 72), Bridge Replacement Inoaole Stream Bridge, Waimanalo <b>SysPres</b>	CON												10,200	2,160	8,040				NHPP	
	ADVCON																0	6,000	(6,000)	
<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																				
OS25. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier Phase I, Olomana Golf Course to Poalima Street <b>Safety</b>	CON	13,500	10,800	2,700																NHPP
<i>Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																				
OS26. Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Vic. of Makai Pier <b>Safety</b>																				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	550	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													
<i>Estimated Total Project Cost - \$50,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to vic. of Makai Pier. Project includes turning lanes, bus pullouts, bicycle facility improvements, lighting improvements and road way resurfacing.</i>																				
OS53. Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge <b>SysPres</b>	DES	1,300	1,040	260																NHPP
	ROW	165	132	33																
	CON							4,900	3,920	980										
<i>Estimated Total Project Cost - \$6,365,000 -- Replace the existing bridge</i>																				
OS27. Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge <b>SysPres</b>	ROW												297	238	59					NHPP
	CON																6,367	1,094	5,273	
	ADVCON																			
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																				
OS28. Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge <b>SysPres</b>	CON												17,600	4,080	13,520					NHPP
	ADVCON																0	10,000	(10,000)	
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29. Kamehameha Highway (Route 83), Bridge Replacement Kaluani Stream Bridge <b>SysPres</b>	ROW									663	530	133								NHPP
	CON												9,200	2,360	6,840					
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS30. Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge <b>SysPres</b>	ROW	75	0	75																NHPP
	DES	1,100	880	220																
	CON									6,300	5,040	1,260								(updated cost estimate increase) A.11
<i>Estimated Total Project Cost - \$7,500,000 -- Replace the existing bridge.</i>																				
OS54. Kamehameha Highway (Route 99), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge <b>SysPres</b>	DES	1,800	1,440	360																NHPP
	ROW	25	0	25																
	CON				14,900	11,920	2,980													
<i>Estimated Total Project Cost - \$17,000,000 -- Rehabilitate and bring the existing bridge up to meet current State standards.</i>																				
OS31. Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge <b>SysPres</b>	ROW				200	160	40													NHPP
	CON							9,360	988	8,372										
	ADVCON										0	6,500	(6,500)							
<i>Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				
OS32. Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge <b>SysPres</b>	ROW							1,020	816	204										NHPP
	CON										26,520	2,216	24,304							
	ADVCON												0	9,000	(9,000)		0	10,000	(10,000)	
<i>Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.</i>																				
OS33. Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge <b>SysPres</b>	PREROW									110	88	22								NHPP
	ROW									1,148	918	230								EARMARK-HIGH PRIORITY
<i>Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.</i>																				
OS34. Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge <b>SysPres</b>	ROW									573	459	114								NHPP
	CON												11,942	4,554	7,388					
	ADVCON																0	5,000	(5,000)	
<i>Estimated Total Project Cost - \$13,300,000 - replace the existing bridge</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OS35. Kamehameha Highway (Route 83), Bridge Replacement Waikane Stream Bridge	ROW CON													281	225	56		9,103	2,282	6,821	NHPP		
<i>Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																							
OS36. Kamehameha Highway (Route 83), Bridge Replacement Waipio Stream Bridge	ROW CON				0	0	0	1,000	800	200				9,260	7,408	1,852					NHPP (defer, increase to reflect current estimate) A.11		
<i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																							
OS61. Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaloa Beach	DES PE2 ROW							2,840	2,272	568				1,000	800	200					NHPP (rename DES phase to PE2) A.3		
<i>Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.</i>																							
OS37. Kamehameha Highway (Route 83), Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 Phase 1: Haleiwa	ROW CON							490	392	98											NHPP		
<i>Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>																							
OS55. Kamehameha Highway (Route 83) Safety Improvements Kahana Valley Road to Kaaawa Bridge	CON				1,632	1,306	326														HSIP		
<i>Estimated Total Project Cost - \$1,850,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																							
OS51. Kamehameha Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON							1,665	1,332	333											HSIP		
<i>Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.</i>																							
OS39. Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)	CON													10,820	8,640	2,180					NHPP		
<i>Estimated Total Project Cost - \$12,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.</i>																							
OS40. Kamehameha Highway (Route 83) Shoreline Protection, Vicinity of Punaluu (#9)	CON																	7,650	6,120	1,530	NHPP		
<i>Estimated Total Project Cost - \$8,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.</i>																							
OS41. Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON ADVCON												6,500	1,200	5,300		0	4,000	(4,000)		NHPP		
<i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																							
OS42. Kualakai Parkway (Route 8930) Extension	CON ADVCON												18,100	2,000	16,100		0	8,000	(8,000)	0	4,480	(4,480)	STP FLEXIBLE
<i>Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.</i>																							
OS43. Leeward Bikeway	CON ADVCON PREROW ROW CON				0	0	0	9,180	344	8,836				0	7,000	(7,000)						STP ENHANCEMENT (defer, inflate, working on environmental clearance) A.2 (use Adv CON funding) A.3	
<i>Estimated Total Project Cost - \$19,000,000 -- Improve/build bikeway/bike path from Waipio Point Access Road to Luualalei Naval Road.</i>																							
OS44. Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON ADVCON							6,242	994	5,248				0	4,000	(4,000)						NHPP (Use AdvCON funding) A.3	
<i>Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																							
OS45. Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON ADVCON							6,242	618	5,624				0	5,000	(5,000)						NHPP (Use AdvCON funding) A.3	
<i>Estimated Total Project Cost - \$6,800,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																							
OS46. Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON												2,533	2,026	507							NHPP	
<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																							



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
OS47. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A" and Puuloa Separation	CON											10,822	288	10,534						NHPP		
	ADVCON															0	8,370	(8,370)				
<i>Estimated Total Project Cost - \$11,700,000 -- Retrofit interchange structures, Puuloa Interchange, Ramp "A" and Puuloa Separation, to meet current seismic standards.</i>																						
OS62. Pali Highway (Route 61) Resurfacing & Lighting Improvements SysPres Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																					NHPP	
	Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waakanaka St. to Kamehameha Hwy.	CON						57,700	14,760	42,940											(Dual fund with NHPP & HSIP) A.8 (incr estimate due to current bids) A.11	
		ADVCON										0	20,400	(20,400)		0	11,000	(11,000)			(reallocate Adv CON reimbursement) A.3	
		CON						4,300	3,440	860												HSIP
	ADVCON														18,000	4,400	13,600				NHPP	
	CON																	0	10,000	(10,000)	NHPP	
<i>Estimated Total Project Cost -- \$85,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.</i>																						
OS49. Recreational Trails Program - Oahu Enhance	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72		NATIONAL RECREATIONAL TRAILS (DLNR)	
	<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																					
OS52. Sand Island Access Road (Route 64), Truck Weigh Station Safety Kapalama Container Terminal	DES				135	0	135														NHPP	
	PREROW				130	0	130															
	ROW								3,000	2,400	600											
	CON											5,100	4,080	1,020								
<i>Estimated Total Project Cost - \$9,000,000 -- design, construct &amp; operate a truck weigh station to perform truck inspections &amp; driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure &amp; computer hardware/software, operator kiosk/office.</i>																						
OS63. Traffic Counting Stations, Various Locations Modern	CON							2,500	2,000	500											STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.</i>																					
<b>OAHU : STATE - FHWA TOTAL</b>		<b>158,769</b>	<b>89,719</b>	<b>69,050</b>	<b>98,526</b>	<b>71,229</b>	<b>27,297</b>	<b>202,318</b>	<b>82,721</b>	<b>119,597</b>	<b>168,795</b>	<b>117,107</b>	<b>51,688</b>	<b>164,939</b>	<b>98,163</b>	<b>66,776</b>	<b>130,614</b>	<b>110,908</b>	<b>19,706</b>			

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 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	TOTAL (\$1000)	FEDERAL (\$1000)	LOCAL (\$1000)	
<b>OAHU : STATE - FTA</b>																				
OS50. Human	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
<i>Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.</i>																				
<b>OAHU : STATE - FTA TOTAL</b>		<b>482</b>	<b>385</b>	<b>97</b>	<b>497</b>	<b>397</b>	<b>100</b>	<b>512</b>	<b>409</b>	<b>103</b>	<b>529</b>	<b>422</b>	<b>107</b>	<b>546</b>	<b>435</b>	<b>111</b>	<b>564</b>	<b>449</b>	<b>115</b>	

**DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
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		TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	TOTAL (x\$100)	FEDERAL (x\$100)	LOCAL (x\$100)	
<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>																				
OC1. Alapai Transportation Management Center <b>Safety</b>	DES	1	0	1	6	1	5	10	0	10										STP FLEXIBLE (Request to add funds) A.11
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										
	ADVCON	0	12,674	(12,674)	0	12,115	(12,115)	0	6,471	(6,471)										
	EQP	1	0	1	1,700	0	1,700	200	0	200										
	OPR							300	240	60										
<i>Estimated Total Project Cost - \$97,813,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State &amp; emergency response agencies.</i>																				
OC2. Bikeway Improvements Program <b>Enhance</b>	DES				1	0	1													STP FLEXIBLE
	CON				663	530	133													
	INSP				153	122	31													
	TBD - DES 2017	DES						255	204	51										
	TBD - CON 2019	CON												1,639	1,311	328				
		INSP												156	125	31				
	TBD - DES 2018	ROW												1	0	1				
		PLN												102	0	102				
		DES												306	0	306				
	TBD - CON 2020	CON															2,445	1,956	489	
		EQP															156	125	31	
	TBD - DES 2019	ROW												1	0	1				
		PLN												102	0	102				
	DES												306	0	306					
TBD	ROW															1	0	1		
	PLN															102	0	102		
	DES															306	0	306		
<i>Estimated Total Project Cost - \$6,695,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																				
OC3. Bridge Inspection and Appraisal <b>SysPres</b>	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM
<i>Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System <b>Congest</b>																				STP FLEXIBLE
Phase 14 - Milliani Town	DES							350	280	70										
	CON										3,105	2,305	800							
	EQP										1	0	1							
Phase 15 - Wahiawa	DES										350	280	70							
	CON													4,000	3,200	800				
	EQP													1	0	1				
Phase 16 - Nanakuli/Waianae	DES													350	280	70				
	CON																4,000	3,200	800	
	EQP																1	0	1	
Phase 17 - TBD	DES																350	280	70	
<i>Estimated Total Project Cost - \$12,508,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																				

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OC6. Kapolei Parkway (Route 8920) Extension <b>Congest</b>	DES	50	0	50															STP FLEXIBLE	
	CON	240	0	240																
<i>Estimated Total Project Cost - \$23,789,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.</i>																				
OC7. Makakilo Drive (Route 8810) Extension <b>Modern</b>	DES PE2						3,060	0	3,060										STP FLEXIBLE	
	CON																20,400	4,080	16,320 (Request to rename DES as PE2) A.3	
<i>Estimated Total Project Cost - \$46,400,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.</i>																				
OC23. Salt Lake Boulevard Widening <b>Modern</b>	CON									40,000	11,000	29,000	40,000	11,000	29,000				STP FLEXIBLE	
<i>Estimated Total Project Cost - \$80,000,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liliko'i Streets.</i>																				
OC8. Traffic Improvements at Various Locations <b>Safety</b>	DES	450	360	90															STP FLEXIBLE	
	CON						1,500	1,200	300											
Kalaheo Avenue/Kailua Road	INSP						500	400	100											
	ROW												106	85	21					
TBD - CON 2019 Liliha Street Design - Complete Streets	CON																			
	INSP												1,625	1,300	325					
TBD - CON 2020 University Avenue Design - Complete Streets	CON												130	104	26					
	INSP																			
TBD - DES 2019	DES																			
	INSP																			
TBD - DES 2020	DES																			
	INSP																			
<i>Estimated Total Project Cost - \$9,244,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park &amp; Kupuna Loop area, and Kalaheo Avenue/Kailua Road.</i>																				
OC9. Traffic Signal Optimization <b>Congest</b>	PLN																		STP FLEXIBLE	
	DES																			
Phase 6 - Kapolei, Ewa, Makakilo	DES																			
	CON																			
Phase 7 - TBD	DES																			
	CON																			
Phase 8 - TBD	DES																			
	CON																			
<i>Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Signals at Various Locations																				STP FLEXIBLE
<b>Congest</b>																				
Phase 15 - S. King St/Kealamakai St, Prospect St/Prospect Pl (Flashing beacon with signs), Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa District Park	CON	3,496	2,800	696																
	EQP	4	0	4																
Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikaola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko'i St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	CON				3,405	2,855	550													
	EQP				5	0	5													
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuaia St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	CON							3,758	2,993	765										
	EQP							4	0	4										
Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtaling St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	PLN				5	0	5													
	DES	438	350	88	427	357	70													
	CON										2,825	2,060	765							
	EQP										4	0	4							
Phase 19 - TBD	CON													4,121	3,300	821				
	EQP													4	0	4				
Phase 20 - TBD	DES							447	357	90										
	CON																4,121	3,300	821	
	EQP																4	0	4	
Phase 21 - TBD	DES										447	357	90							
	CON																			
	EQP																			
<i>Estimated Total Project Cost - \$23,515,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.</i>																				
OC25. Transportation Alternatives Program at Various Locations																				TAP-U
<b>Enhance</b>																				
DTS Secure Bike Storage Units	CON				500	400	100													
HART Middle Loch Connector	CON				500	400	100													
Phase 2 - TBD	CON							1,000	800	200										(Request to add phases to grouped listing in the funding amounts subject to lapse) A.5
Phase 3 - TBD	CON										1,000	800	200							
Phase 4 - TBD	CON													3,889	3,111	778				
Phase 5 - TBD	CON																1,000	800	200	
<i>Estimated Total Project Cost - \$7,889,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.</i>																				
OC11. Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62																STP FLEXIBLE
<b>SysPres</b>																				
<i>Estimated Total Project Cost - \$5,000,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.</i>																				
<b>OAHU : C&amp;C OF HONOLULU - FHWA TOTAL</b>		<b>29,508</b>	<b>17,000</b>	<b>12,508</b>	<b>31,638</b>	<b>17,500</b>	<b>14,138</b>	<b>13,034</b>	<b>14,245</b>	<b>(1,211)</b>	<b>50,067</b>	<b>18,142</b>	<b>31,925</b>	<b>59,936</b>	<b>26,500</b>	<b>33,436</b>	<b>35,614</b>	<b>15,883</b>	<b>19,731</b>	

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<b>CITY &amp; COUNTY OF HONOLULU - FTA</b>																				
OC12. Agency-Provided Trips	Human																			
	OPR							354	177	177	366	183	183	376	188	188	388	194	194	
	OPR	334	167	167																
	OPR				209	104	105													
	OPR	512	249	263																
	OPR				722	307	415													
	OPR							528	264	264	544	272	272	560	280	280	576	288	288	
	OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	
<i>Estimated Total Project Cost - \$11,899,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.</i>																				
OC13. Bus and Handi-Van Acquisition Program	Transit																			
	EQP				3,688	2,519	1,169	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	
	EQP	15,086	11,461	3,625																
	EQP				13,018	10,414	2,604													
	EQP	2,403	1,923	480																
	EQP							1,388	1,178	210	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	
	EQP	1,297	1,047	250																
	EQP	1,376	1,111	265																
	EQP	0	0	0	1,410	1,133	277													
	EQP							2,979	2,352	627	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	
	EQP	4,365	3,492	873	0	0	0													
	EQP	4,271	3,417	854																
	EQP	0	0	0	4,453	3,562	891													
	INSP				48	38	10													
<i>Estimated Total Project Cost - \$153,918,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC14. Bus Stop ADA Access and Site Improvements	Transit																			
	PLN	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	
	DES	270	0	270	365	0	365	270	0	270	270	0	270	270	0	270	270	0	270	
	CON	621	300	321	495	145	350	321	0	321	321	0	321	321	0	321	321	0	321	
	ROW	5	0	5	20	0	20	5	0	5	5	0	5	5	0	5	5	0	5	
	EQUIP				5	0	5													
	RELOC	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	
<i>Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).</i>																				
OC15. Bus Stop Site Improvements	Transit																			
	PLN	5	0	5																
	ROW	1	0	1																
	DES	90	0	90																
	CON	1,735	1,330	405																
	EQP	1	0	1																
<i>Estimated Project Cost - \$1,832,000 -- This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.</i>																				
OC24. Capital Training	Transit																			
	OPR	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	
<i>Estimated Project Cost - \$150,000 -- Public Transit Division staff attendance at training workshops offered by the National Transit Institute.</i>																				
OC16. Honolulu Rail Transit Project	Transit																			
	HRTF				3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750	0	0	0	0	0	0	
	HRTF	0	0	0	1,666,667	500,000	1,166,667	813,367	244,010	569,357	0	0	0							
<i>Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
a. Total estimated cost (YOES) = \$5,163,693,000 (including finance charges); PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.																				
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																				
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOES).																				
OC17. Local Shuttle Service	Human																			
	OPR							216	108	108	223	111	112	230	115	115	236	118	118	
	OPR	204	102	102																
	OPR				204	102	102													
<i>Estimated Total Project Cost - \$1,319,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.</i>																				
OC18. Middle Street Intermodal Center	Transit																			
	PLN							1,846	1,348	498			1	0	1					
	DES												200	0	200					
	CON															5,864	0	5,864	0	
	EQP													1	0	1	5,867	0	5,867	
<i>Estimated Total Project Cost - \$13,780,000 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
OC19. Mobility Management																					
Human	OPR	257		197	60															FTA \$5307/\$5340 (2014)	
	OPR							335	268	67	345	276	69	356	285	71	366	293	73	FTA \$5307	
	OPR	92		76	16															FTA \$5310 (2013)	
	OPR					407	325	82												FTA \$5310 (2014)	
	OPR							84	67	17	86	69	17	89	71	18	91	73	18	FTA \$5310 - Urban	
		<i>Estimated Total Project Cost - \$2,553,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.</i>																			
OC22. Pedestrian Transit Connections																					
SysPres	PLN	1		0	1															LOCAL	
	DES	250		0	250															LOCAL	
	CON	1,120		1,100	20															FTA \$5307 (2014)	
	INSP	10		0	10															LOCAL	
	EQP	5		0	5															LOCAL	
		<i>Estimated Total Project Cost - \$1,386,000 -- Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.</i>																			
OC20. Preventive Maintenance						41,638	21,833	19,805	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	FTA \$5307/\$5340
Transit	OPR	32,927		17,265	15,662															FTA \$5307/\$5340 (2015)	
	OPR	4,407		2,311	2,096															FTA \$5307/\$5340 (2014)	
	OPR	4,304		2,257	2,047															FTA \$5307/\$5340 (2013)	
		<i>Estimated Total Project Cost - \$287,082,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.</i>																			
OC21. Transit Safety and Security Projects																					
Transit	PLN	1		0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1		0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON	1		0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP	413		330	83	356	296	60	413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
		<i>Estimated Total Project Cost - \$2,023,000 -- Capital projects at various transit locations to improve safety and security.</i>																			
<b>OAHU : C&amp;C OF HONOLULU - FTA TOTAL</b>		<b>77,125</b>	<b>48,155</b>	<b>28,970</b>	<b>1,738,580</b>	<b>543,798</b>	<b>1,194,782</b>	<b>912,279</b>	<b>267,353</b>	<b>644,926</b>	<b>98,818</b>	<b>22,093</b>	<b>76,725</b>	<b>86,918</b>	<b>7,193</b>	<b>79,725</b>	<b>87,716</b>	<b>6,964</b>	<b>80,752</b>		

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
<b>FUNDING CATEGORY SUMMARY - OAHU</b>																				
NHPP (National Highway Performance Program)		85,132			61,482			59,096			86,869			87,428			98,221			
BRIDGE OFF-SYSTEM					720			720			720			800			800			
STP ENHANCEMENT / TAP					0			800			1,230			7,800			5,559			6,120
STP FLEXIBLE					16,280			18,980			29,725			33,622			30,589			18,763
SECTION 1404 - (Safe Routes to School)					0			0			0			0			0			0
HSIP (Highway Safety Improvement Program)					0			4,160			5,908			5,033			0			2,400
NATIONAL RECREATIONAL TRAILS					287			287			287			287			287			287
CMAQ (Congestion Mitigation Air Quality)					0			0			0			0			0			0
FTA TRANSFER FUNDS					0			0			0			0			0			0
EQUITY BONUS					0			0			0			0			0			0
EARMARK - HIGH PRIORITY					0			0			918			0			200			0
EARMARK - RE-PURPOSED EARMARKS					0			0			0			0			0			0
EARMARK - SECTION 112					0			0			0			0			0			0
EARMARK - SECTION 115					0			0			0			0			0			0
EARMARK - SECTION 117					0			0			0			0			0			0
FLHD (Federal Lands Highway Discretionary)					0			0			0			0			0			0
NRCS (National Resources Conservation Service)					0			0			0			0			0			0
DISCRETIONARY					0			0			0			0			0			0
HIGHWAYS FOR LIFE					0			0			0			0			0			0
IMD (NHPP Discretionary)					4,300			2,300			0			0			0			0
FERRY BOAT DISCRETIONARY / ARRA FBD					0			0			0			0			0			0
	SUBTOTAL	106,719			88,729			96,966			135,249			124,663			126,791			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(4,300)			(2,300)			0			(918)			0			(200)			
LESS FTA TRANSFER FUNDS		0			0			0			0			0			0			
REGULAR FORMULA AUTHORITY	TOTAL	102,419			86,429			96,966			134,331			124,663			126,591			



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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 16 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
<b>HAWAII - STATE - FHWA</b>																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON												8,190	6,552	1,638				STP FLEXIBLE		
<i>Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.</i>																					
HS2. Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE	
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.</i>																					
<i>Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)</i>																					
<i>The current list of prioritized proposed SMP projects has been posted on the STP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
HS23. Daniel K. Inouye Highway (Route 200) Extension	DES PE2				0	0	0	260	208	52										STP FLEXIBLE (change DES to PE2); (defer, inflate since ROD is anticipated to be published Apr 2017)	
Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW				0	0	0	260	208	52											
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																					
HS24. Daniel K. Inouye Highway (Route 200) Improvements	CON	46,000	46,000	0																STP FLEXIBLE (DAR soft match)	
Phase 2D: East Side Grade & Pave, MP 6 to MP 11																					
<i>Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.</i>																					
HS3. Guardrail and Shoulder Improvements, Various Locations	DES PE1																	35	28	7	STP FLEXIBLE (split \$100K of DES into PE1 and PE2)
	PE2																	65	52	13	
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																					
HS4. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW							0	0	0	1,173	938	235							NHPP (defer, inflate; working on contract amendment, then design can begin)	
	CON																10,600	8,480	2,120		
<i>Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.</i>																					
HS5. Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	PREROW	50	40	10																NHPP	
	ROW				1,250	1,000	250														
	CON												8,500	600	7,900					(update cost estimate)	
	ADVCON													0	6,200	(6,200)					
<i>Estimated Total Project Cost - \$9,800,000 -- Install a new culvert system along the mauka shoulder, include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.</i>																					
HS6. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	CON												5,600	480	5,120					NHPP	
	ADVCON													0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.</i>																					
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	CON																1,560	1,248	312	NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge</i>																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	CON																1,560	1,248	312	NHPP	
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																					
HS9. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaui Bridge	CON				1,693	1,355	338													NHPP	
<i>Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaui Bridge.</i>																					
HS10. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW							270	216	54										NHPP	
	CON										38,700	0	38,700								
	ADVCON												0	13,000	(13,000)	0	17,960	(17,960)		(Redistribute AC reimbursements for financial constraint)	
<i>Estimated Total Project Cost - \$39,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.</i>																					
HS12. Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW							100	80	20										STP FLEXIBLE	
	CON												3,640	2,912	728						
<i>Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.</i>																					
HS13. Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches	ROW							2,200	1,760	440										NHPP	
	CON												11,200	8,960	2,240						
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiakea Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS14. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa Phase 1 - Keaau Bypass to Pahoa-Kapoho Road  <i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.</i>	PREROW				104	83	21													STP FLEXIBLE  (Redistribute AC reimbursements for financial constraint)
	ROW							1,938	1,550	388										
	CON										28,560	0	28,560							
	ADVCON													0	7,000	(7,000)	0	15,848	(15,848)	
HS15. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements  <i>Estimated Total Project Cost - \$32,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.</i>	CON				3,692	2,954	738													STP FLEXIBLE HSIP
	CON				520	468	52													
HS17. Kohala Mountain Road (Route 250) Safety Improvements MP 7.2 to MP 9.2  <i>Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.</i>	DES	40	36	4																HSIP
	CON							360	324	36										
HS18. Mamalahoa Highway (Route 11) Hilea Bridge Replacement (MP 57.7)  <i>Estimated Total Project Cost - \$10,000,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (update cost estimate) (increase from 6600-5280-1320)
	ROW	100	0	100										7,500	6,000	1,500				
	CON																			
HS26. Mamalahoa Highway (Route 11) Ninole Stream Bridge Replacement  <i>Estimated Total Project Cost - \$9,454,000 -- Replace existing bridge.</i>	DES	1,400	1,120	280																STP FLEXIBLE (update cost estimate) (reduce from 10000-8000-2000)
	ROW	65	0	65										7,000	5,600	1,400				
	CON																			
HS19. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa  <i>Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.</i>	CON										9,735	788	8,947							STP FLEXIBLE
	ADVCON													0	7,000	(7,000)				
HS27. Mamalahoa Highway (Route 190) Drainage Improvements Vicinity of Puuwaawaa Ranch Road  <i>Estimated Total Project Cost - \$6,500,000 -- Drainage improvements including... installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.</i>	CON				6,120	4,896	1,224													STP FLEXIBLE
HS20. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9  <i>Estimated Project Cost - \$1,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.</i>	CON							1,457	1,311	146										HSIP
HS21. National Recreational Trails Program - Hawaii (DLNR)  <i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
HS22. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)  Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)  <i>Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.</i>	PREROW										54	43	11							STP FLEXIBLE  EARMARK - HIGH PRIORITY (HI025)
	ROW													5,600	4,480	1,120				
	ROW													1,000	800	200				
	PREROW										56	45	11							
HS25. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)  <i>Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.</i>	ROW				180	144	36													HSIP (defer and inflate. DES NTP just given in April 2016)
	CON				0	0	0	1,265	1,140	125										
HS28. Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park  <i>Estimated Total Project Cost - \$5,500,000 -- Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.</i>	DES	307	213	94																NHPP
<b>HAWAII : STATE - FHWA TOTAL</b>		<b>66,236</b>	<b>48,828</b>	<b>17,408</b>	<b>30,433</b>	<b>11,199</b>	<b>19,234</b>	<b>24,984</b>	<b>7,096</b>	<b>17,888</b>	<b>109,252</b>	<b>3,193</b>	<b>106,059</b>	<b>62,564</b>	<b>74,051</b>	<b>(11,487)</b>	<b>35,634</b>	<b>49,115</b>	<b>(13,481)</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)					
<b>COUNTY OF HAWAII - FHWA</b>																					
HC1. Alii Drive (Route 186) Culvert Replacement	CON							12,075	9,660	2,415										STP FLEXIBLE (Incr from 10600-2264-8336 to reflect current estimate) (Delete ADVCON)	
	ADVCON												0	0	0						
<i>Estimated Total Project Cost - \$12,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																					
HC3. Bridge Inspection and Appraisal	PLN				200	160	40						200	160	40			200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																					
HC4. Kawaiilani Street (Rte 2760) Improvements																					STP FLEXIBLE
<i>Vicinity of Kanoelani Street to Vicinity of Kuhilani Street</i>																					
	CON				18,100	11,104	6,996														(Incr from 17850-10904-6946 to reflect current estimate)
	ADVCON							0	3,376	(3,376)											
<i>Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.</i>																					
HC5. Kuakini Highway (Route 1100) Widening, Phase II	DES PE2							0	0	0	1,600	1,280	320								STP FLEXIBLE (Change DES to PE2 for better accuracy) (Defer and inflate estimate from 1530-1200-330 for financial constraint)
	CON													0	0	0	17,700	9,920	7,780		(Defer and inflate estimate from 17310-3928-13382 for financial constraint)
	ADVCON																0	0	0		
<i>Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Alii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.</i>																					
HC6. Mamalahoa Highway (Route 19) Widening (Mud Lane to Mana Road)	CON							0	0	0	11,080	8,864	2,216								NHPP (Defer and incr from 8160-6400-1760 since environmental clearance won't be ready and to reflect current estimate)
<i>Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway, and related roadway improvements, including approach/taper lane widening and adjustments.</i>																					
HC7. Waiuanuenue Avenue (Route 2720) Improvements	DES	900	720	180																	STP FLEXIBLE
	ROW				0	0	0	255	204	51											(Defer, inflate ROW CatEx anticipated in 2017)
	CON										0	0	0	12,903	10,120	2,783					(Defer, inflate CON CatEx anticipated in 2017)
	ADVCON													0	0	0					(Delete ADVCON)
<i>Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waiuanuenue Avenue from Rainbow Drive to Akolea Road.</i>																					
<b>HAWAII : COUNTY OF HAWAII - FHWA TOTAL</b>		<b>900</b>	<b>720</b>	<b>180</b>	<b>18,300</b>	<b>11,264</b>	<b>7,036</b>	<b>12,330</b>	<b>13,240</b>	<b>(910)</b>	<b>12,880</b>	<b>10,304</b>	<b>2,576</b>	<b>12,903</b>	<b>10,120</b>	<b>2,783</b>	<b>17,900</b>	<b>10,080</b>	<b>7,820</b>		

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>COUNTY OF HAWAII - FTA</b>																				
HC8. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC9. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
<b>HAWAII : COUNTY OF HAWAII - FTA TOTAL</b>		<b>2,520</b>	<b>1,415</b>	<b>1,105</b>	<b>2,637</b>	<b>1,478</b>	<b>1,159</b>	<b>2,718</b>	<b>1,523</b>	<b>1,195</b>	<b>2,802</b>	<b>1,570</b>	<b>1,232</b>	<b>2,888</b>	<b>1,618</b>	<b>1,270</b>	<b>2,977</b>	<b>1,668</b>	<b>1,309</b>	

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<b>FUNDING CATEGORY SUMMARY - HAWAII</b>																				
NHPP (National Highway Performance Program)			253		2,355			1,976			10,882			33,408			27,688			
BRIDGE OFF-SYSTEM			0		0			0			0			0			0			
STP ENHANCEMENT/TAP			0		0			0			0			0			0			
STP FLEXIBLE			48,960		19,197			15,286			2,316			49,664			31,208			
SECTION 1404 - (Safe Routes to School)			0		0			0			0			0			0			
HSIP (Highway Safety Improvement Program)			36		612			2,775			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			0			0			0			0			
EARMARK - SECTION 112			0		0			0			0			0			0			
EARMARK - SECTION 115			0		0			0			0			0			0			
EARMARK - SECTION 117			0		0			0			0			0			0			
FLHD (Federal Lands Highway Discretionary)			0		0			0			0			0			0			
NRCS (National Resources Conservation Service)			0		0			0			0			0			0			
DISCRETIONARY			0		0			0			0			0			0			
HIGHWAYS FOR LIFE			0		0			0			0			0			0			
IMD (NHPP Discretionary)			0		0			0			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0			0			0			0			0			
SUBTOTAL			49,548		22,463			20,336			13,497			84,171			59,195			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0			0			0			(800)			0			
LESS FTA TRANSFER FUNDS			0		0			0			0			0			0			
REGULAR FORMULA AUTHORITY			49,548		22,463			20,336			13,497			83,371			59,195			

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<b>MAUI : STATE - FHWA</b>																				
MS1. Bridge and Pavement Improvement Program, Maui	CON	17,700	0	17,700	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
SysPres Kiihelani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available.																				
MS2. Guardrail and Shoulder Improvement Program at Various Locations, Maui																				STP FLEXIBLE
Part 2--Kiihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue	CON				1,000	800	200													
Part 3	CON								1,000	800	200									
Part 4	CON																1,000	800	200	
Estimated Total Project Cost - \$3,000,000 -- Improve guardrails and shoulders at various locations.																				
MS18. Hana Highway Bridge Preservation Program Phase 1	DES PE1							1,075	860	215										STP FLEXIBLE (split \$2.075M of DES into PE1 and PE2)
	PE2										1,000	800	200							
	ROW													1,065	852	213				
Estimated Total Project Cost - \$25,000,000 -- Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded. Phase 1 will include work on 6 bridges. 1. Puchokamaoa, 2. Kopiliua, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali																				
MS19. Hana Highway (Route 36) Safety Improvements, Kaiaea Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	DES				50	45	5													HSIP
	CON										450	405	45							
Estimated Project Cost - \$500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; superelevation assessment (to determine treatment) along entire segment, if necessary; install flashing beacons in both directions near Mama's Fish House; push back embankment; install rumble strips in lane; pavement markings; & signing.																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW							120	95	25										NHPP (Redistribute AC reimbursement for financial constraint)
	CON										6,900	520	6,380							
	ADVCON													0	5,000	(5,000)				
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW							0	0	0	100	80	20							NHPP (Defer--working on environmental clearance); Decr--construction parcel rentals for detour road)
	CON										5,600	480	5,120							(Use AdvCON funding for financial constraint)
	ADVCON													0	4,000	(4,000)				
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																				
MS6. Honoapiilani Highway (Route 3000) Realignment Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40	10																NHPP
	ROW				100	0	100	0	0	0										(advance to 2016 as the top capacity priority) (fully fund. Delete AC)
	PE2/CON				38,875	31,100	7,775							0	0	0				
	ADVCON													0	0	0				
Estimated Total Project Cost - \$98,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements Ukumehame to Olowalu	CON							1,352	1,217	135										HSIP
Estimated Project Cost - \$1,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																				
MS17. Honoapiilani Highway (Route 30), Safety Improvements Vicinity of Kapoli Street to Papalaua Beach Park	CON							3,120	2,496	624										HSIP
Estimated Project Cost - \$3,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection Vicinity of Olowalu	CON	3,250	2,600	650																NHPP
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hehiki Point.																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection Kahului Bay	PREROW	20	16	4																STP FLEXIBLE
	ROW							240	192	48										
	CON							0	0	0	5,233	186	5,047							(defer, inflate; environmental won't be cleared in time for 2017 obligation) (Use AdvCON funding)
	ADVCON													0	4,000	(4,000)				
Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																				

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MS10. National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)	
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																					
MS12. Paia Bypass Road - Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park	DES PE2 PREROW													3,570	2,856	714				STP FLEXIBLE (rename DES to PE2)	
<i>Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.</i>																					
MS20. Piilani Highway Safety Improvements N. Kihei Rd to the Vicinity of Alanui Ke Aili Dr., MP 3.7 to MP 8.5	DES CON				90	81	9						810	729	81					HSIP	
<i>Estimated Project Cost - \$500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; shoulder widening where possible; traffic signal interconnectivity if possible; installation of backplates with retroreflective borders for all traffic signal heads; extend right turn acceleration lane from Welakahao Rd; install rumble strips in turning lanes; pavement markings; &amp; signing.</i>																					
MS13. Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	PREROW ROW CON ADVCON	34	26	8				158	126	32				13,500	5,800	7,700			0	5,000	(5,000)
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																					
<b>MOLOKAI</b>																					
MS14. Guardrail and Shoulder Improvements Program at Various Locations, Molokai Part 2	CON				750	600	150													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS15. Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON																7,535	6,028	1,507	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.</i>																					
<b>MAUI : STATE - FHWA TOTAL</b>		<b>32,803</b>	<b>11,541</b>	<b>21,262</b>	<b>61,814</b>	<b>32,985</b>	<b>28,829</b>	<b>27,014</b>	<b>5,345</b>	<b>21,669</b>	<b>42,042</b>	<b>4,359</b>	<b>37,683</b>	<b>39,084</b>	<b>22,867</b>	<b>16,217</b>	<b>29,594</b>	<b>12,275</b>	<b>17,319</b>		

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<b>COUNTY OF MAUI - FHWA</b>																				
MC1. Alaialua Bridge Replacement, SysPres Hana Highway (Route 3700), MP 33.80	DES						750	0	750										LOCAL	
<i>Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass road, constructing a new bridge, then removing the temporary bypass road.</i>																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, SysPres Phase 2 - Halimalle Road to Hana Hwy	CON				6,700	5,000	1,700												STP FLEXIBLE	
<i>Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC3. Bridge Inspection and Appraisal SysPres	PLN	427	342	85			400	320	80			300	240	60					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,000,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding is provided every two years.</i>																				
MC4. Central Maui Traffic Signal Upgrades Congest	DES						270	0	270										STP FLEXIBLE	
	CON											1,300	1,040	260						
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) Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85) Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																				
<i>Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC5. Guardrail and Shoulder Improvements, Various Locations Safety Phase 1 - Halimalle Road (Route 371). Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 Phase 2	CON						1,530	1,200	330										STP FLEXIBLE	
	CON											1,873	1,440	433						
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																				
MC6. Hahalawe Bridge Replacement, SysPres Hana Highway (Route 3700), MP 31.05	DES				700	0	700												STP FLEXIBLE	
	CON																7,550	5,400	2,150	
<i>Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.</i>																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2 SysPres	CON						1,530	1,200	330										STP FLEXIBLE	
<i>Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.</i>																				
MC10. Kahana Nui Bridge Replacement, SysPres Lower Honoapiilani Road (Route 3080), MP 2.40	CON											3,683	2,570	1,113					STP FLEXIBLE	
<i>Estimated Total Project Cost - \$4,000,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																				
MC11. Kahawaikapia Bridge Replacement, SysPres Hana Highway (Route 3700), MP 36.61	DES	830	24	806															STP FLEXIBLE	
	CON											5,620	3,672	1,948						
<i>Estimated Total Project Cost - \$6,500,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.</i>																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), SysPres Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)	DES						300	0	300										STP FLEXIBLE	
	CON											6,730	5,384	1,346						
<i>Estimated Total Project Cost - \$7,100,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC41. Kaupakalua Road (Route 365) Pavement Rehabilitation SysPres	DES						550	0	550										STP FLEXIBLE	
	CON											5,600	4,000	1,600						
	CON											7,700	5,600	2,100						
<i>Estimated Total Project Cost - \$13,850,000 -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.</i>																				



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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)					
MC13. Kihai Bikeway, Phase 2, Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekua Street	CON	3,590	2,872	718															STP ENHANCEMENT		
<i>Estimated Total Project Cost - \$5,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage &amp; markings, landscaping, and path lighting will also be part of the construction.</i>																					
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction	CON						9,200	6,800	2,400										STP FLEXIBLE		
MC14. Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Pihiolo Road to Kokomo Road (Route 366)																					
<i>Estimated Total Project Cost - \$11,000,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.</i>																					
MC15. Koukouai Bridge Modifications, Piilani Highway (Route 3700), MP 28.59	CON											6,120	4,488	1,632					STP FLEXIBLE		
<i>Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.</i>																					
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, Kualau Street to Honoapiilani Highway (Route 30)	DES CON	185	8	177															STP FLEXIBLE		
<i>Estimated Total Project Cost - \$2,300,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																					
MC17. Kulanihakai Bridge Replacement South Kihai Road (Route 3100), MP 1.40	CON									4,243	3,329	914							STP FLEXIBLE		
<i>Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.</i>																					
MC18. Lelekea Bridge Replacement Piilani Highway (Route 3700), MP 27.23	CON																3,994	3,195	799		
<i>Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.</i>																					
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	DES CON				350	0	350												STP FLEXIBLE		
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES CON						300	0	300									5,100	4,000	1,100	
<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	DES CON				175	0	175												STP FLEXIBLE		
<i>Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW CON				750	0	750											1,301	1,020	281	
<i>Estimated Total Project Cost - \$2,100,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																					
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3	CON																	730	584	146	
<i>Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.</i>																					
MC24. North Shore Greenway, Phase IV Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON				1,750	1,400	350													STP ENHANCEMENT	
<i>Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.</i>																					
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Kaonolu Street to Namaau Place	DES CON	450	0	450															7,190	5,000	2,190
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road <b>Modern</b>	DES				600	0	600													STP FLEXIBLE	
	ROW																				
	CON																				
<i>Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.</i>																					
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05) <b>Congest</b>	DES							130	0	130										STP FLEXIBLE	
	CON													1,250	1,000	250					
	<i>Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC40. Old Haleakala Hwy (Route 367) Aeloa Rd to Kula Hwy. (Route 37), Reconstruction <b>SysPres</b>	CON	4,958	3,527	1,431																STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$5,500,000 -- Reconstruct pavement on Old Haleakala Highway from Aeloa Road to Kula Hwy. Including pavement striping and marking and utility adjustments.</i>																				
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920) <b>SysPres</b>	DES	370	0	370																STP FLEXIBLE	
	CON												2,245	1,760	485						
	<i>Estimated Total Project Cost - \$2,700,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals at Hina Avenue (Route 3930, MP 0.8) <b>Congest</b>	CON													880	688	192				STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.</i>																				
MC30. Papalua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34) <b>Congest</b>	DES	130	0	130																STP FLEXIBLE	
	CON														1,250	1,000	250				
	<i>Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC31. Pavement Rehabilitation, Various Roads, South Maui Kulanihako Street (Route 3175), MP 0-MP 0.5 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 Pili Highway (Route 31) <b>SysPres</b>	DES	20	0	20																STP FLEXIBLE	
	CON							7,300	5,440	1,860											
	<i>Estimated Total Project Cost - \$7,500,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.</i>																				
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Waiinu Road (Route 3231, MP 1.15 to MP 1.18) <b>Congest</b>	CON												826	648	178					STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																				
MC34. Waipuilani Bikepath Kulanihako Street (Route 3175) to W. Waipuilani Road (Route 3170) <b>Enhance</b>	CON													1,765	1,384	381				STP ENHANCEMENT	
	<i>Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage &amp; markings, and street lighting will also be part of the construction.</i>																				
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade <b>Congest</b>	CON							1,248	960	288										STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
<b>MAUI : COUNTY OF MAUI - FHWA TOTAL</b>		<b>10,960</b>	<b>6,773</b>	<b>4,187</b>	<b>13,175</b>	<b>8,120</b>	<b>5,055</b>	<b>23,508</b>	<b>15,920</b>	<b>7,588</b>	<b>13,064</b>	<b>9,737</b>	<b>3,327</b>	<b>50,163</b>	<b>37,466</b>	<b>12,697</b>	<b>32,504</b>	<b>24,531</b>	<b>7,973</b>		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
<b>COUNTY OF MAUI - FTA</b>																				
MC36. Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural-Bus Prgrm) (Bus and Bus Facilities prgm) (Update project description and funding category)
<i>Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities. Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																				
MC37. Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311
<i>Estimated Total Project Cost - \$6,568,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC38. Urbanized Area - Kahului	PLN/OPR	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999)
<i>Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC39. Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
<b>MAUI : COUNTY OF MAUI - FTA TOTAL</b>		<b>4,394</b>	<b>2,603</b>	<b>1,791</b>	<b>4,549</b>	<b>2,693</b>	<b>1,856</b>	<b>4,687</b>	<b>2,775</b>	<b>1,912</b>	<b>4,829</b>	<b>2,859</b>	<b>1,970</b>	<b>4,978</b>	<b>2,947</b>	<b>2,031</b>	<b>5,130</b>	<b>3,037</b>	<b>2,093</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FUNDING CATEGORY SUMMARY - MAUI</b>																				
NHPP (National Highway Performance Program)			11,140		31,100		95		1,080		9,000		0							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT/TAP			2,872		1,400		0		0		1,384		0							
STP FLEXIBLE			3,943		8,120		17,098		11,523		49,590		36,447							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			0		126		3,713		1,134		0		0							
NATIONAL RECREATIONAL TRAILS			359		359		359		359		359		359							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - 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		41,105		21,265		14,096		60,333		36,806							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY			18,314		41,105		21,265		14,096		60,333		36,806							

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		TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)	TOTAL (K\$1000)	FEDERAL (K\$1000)	LOCAL (K\$1000)		
<b>KAUAI : STATE - FHWA</b>																					
KS1.	Bridge and Pavement Improvement Program, Kauai	CON	11,250	0	11,250	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
	Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05	CON	3,750	3,000	750																
	<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a>. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
	Part 3	CON			1,020	816	204														
	Part 4	DES			100	0	100														(de-federalize all DES funds for KS2.)
		CON						1,000	800	200											
	Part 5	DES PE1									50	0	50								(de-federalize and split \$100K of DES into PE1 and PE2)
		PE2											50	0	50						
		CON											1,000	800	200						
	<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																				
KS3.	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	ROW							850	680	170										NHPP
		CON																			
	<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																				
KS4.	Kaunualii Highway (Route 50), Bridge Rehabilitation	ROW	67	0	67																NHPP
	Bridge No. 7E	CON				4,440	3,552	888													(incr; update to show current estimate)
	<i>Estimated Total Project Cost - \$ 5,365,000 -- Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.</i>																				
KS5.	Kaunualii Highway (Route 50), Bridge Rehabilitation	ROW	105	0	105																STP FLEXIBLE
	Hanaepe Bridge	CON	100	80	20																
	Phase 1 - Detour Road	CON				5,025	4,020	1,005													(incr; update to show current estimate)
	Phase 2 - Bridge work	CON											20,500	6,400	14,100						(decr bridge work estimate)
		ADVCON														0	10,000	(10,000)			
	<i>Estimated Total Project Cost - \$ 28,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS6.	Kaunualii Highway (Route 50), Bridge Replacement	ROW			110	88	22														STP FLEXIBLE
	Omao Bridge	CON											7,800	6,240	1,560						
	<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																				
KS7.	Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON											20,000	6,000	14,000						NHPP
	Phase IB	ADVCON														0	10,000	(10,000)			
	<i>Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaunualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.</i>																				
KS8.	Kuhio Highway (Route 56), Bridge Replacement	ROW			0	0	0	825	660	165											NHPP (defer, inflate; ROW acquisition anticipated in FFY 2017)
	Kapaia Bridge	CON									11,150	0	11,150								
		ADVCON												0	8,920	(8,920)					(use Adv CON funding for financial constraint)
	<i>Estimated Total Project Cost - \$ 13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																				
KS15.	Kuhio Highway (Route 560), Bridge Rehabilitation	DES	2,100	1,680	420																STP FLEXIBLE
	Waiiua Stream Bridges #1, #2, #3	ROW	100	0	100																
		CON	100	80	20																
	Phase 1 - Detour Road	CON				1,000	800	200													
	Phase 2 - Bridge work	CON											22,750	18,200	4,550						(incr; update to show current estimate)
	<i>Estimated Total Project Cost - \$ 25,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																				
KS9.	Kuhio Highway (Route 560), Bridge Rehabilitation	ROW						0	0	0	620	496	124								STP FLEXIBLE
	Waioli, Waipa, and Waikoko Stream Bridges																				(defer /inflate ROW, DES not started)
	Phase 1 - Detour Road	CON			0	0	0														(delete; detour road work to be included as part of KS15)
	Phase 2 - Bridge work	CON											9,000	2,200	6,800						
		ADVCON														0	5,000	(5,000)			
	<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																				
KS14.	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kaihiwai Bridge	CON							13,000	3,000	10,000										STP FLEXIBLE
		ADVCON											0	7,400	(7,400)						
	<i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS11.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	ROW	120	0	120																NHPP
	Phase 1 - Detour Road	CON				2,470	1,976	494													
	Phase 2 - Bridge work	CON											12,800	10,240	2,560						(incr; update to show current estimate)
	<i>Estimated Total Project Cost - \$ 16,500,000 -- Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.</i>																				

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 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
 FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND. CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS12. Kuhio Highway (Route 56)	DES				120	96	24													HSP
Safety Safety Improvements, MP 21.4 - 27.1	CON											1,080	864	216						
<i>Estimated Total Project Cost - \$1,200,000 -- Scope includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.</i>																				
KS13. National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
<b>KAUAI - STATE - FHWA TOTAL</b>		<b>18,006</b>	<b>5,091</b>	<b>12,915</b>	<b>26,599</b>	<b>11,599</b>	<b>15,000</b>	<b>14,139</b>	<b>1,711</b>	<b>12,428</b>	<b>39,064</b>	<b>5,291</b>	<b>33,773</b>	<b>106,214</b>	<b>66,651</b>	<b>39,563</b>	<b>16,499</b>	<b>28,599</b>	<b>(12,100)</b>	

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed  
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
<b>COUNTY OF KAUAI - FHWA</b>																				
KC1. Bridge Inspection and Appraisal	PLN/DES OPR				125	100	25				125	100	25				125	100	25	STP FLEXIBLE (Revised Phase from PLN/DES to OPR for better accuracy)
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																				
KC2. Hanapepe Road (Rte 545) Resurfacing	CON ADVCON							3,120	1,400	1,720				0	1,000	(1,000)				STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																				
KC13. Kapahi Bridge Replacement	CON	2,000	1,600	400																STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,500,000 -- Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																				
KC3. Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Maalihuna Road (Route 5870), Complete Street & Safety Improvements	PLN DES CON	100 275	80 220	20 55							3,060	2,450	610							STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maalihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd Intersection; Sidewalk construction on Maalihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																				
KC4. Lihue-Anahola Coastal Bike Path	CON CON				2,250	2,250	0				1,560	1,560	0							STP ENHANCEMENT  (Decr from 2295-2295-0)
<i>Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase A-1, Kawaihau Elevated Boardwalk, Papaloa Road to Uhelekawawa Canal, Kawaihau Road to Gore Park Phase C &amp; D A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i>																				
<i>Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park</i>																				
<i>Phase B - Hanamaulu Beach Park to Wailua Golf Course</i>																				
<i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i>																				
<i>Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini</i>																				
<i>Phase B - Ninini Point to Nawiliwili Beach Park</i>																				
<i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i>																				
<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																				
KC14. Lihue Town Core Mobility and Revitalization	PLN DES/CON PE2/CON				1,091	953	138				14,724	12,862	1,862							TIGER (2015) (Revise phase from PLN to PE1); (Decr from 1234-1049-185) (Revise and decr \$15.019M of DES/CON into PE2/CON)
<i>Estimated Total Project Cost - \$16,253,059 -- 1) Conversion of Eiwa Street to a transit hub; 2) Rice Street road diet and streetscape improvements; 3) Sidewalks on Hoala and Kalena Streets; 4) Hoolook Street bicycle and pedestrian improvements; 5) Civic Center to Convention Hall shared use path; 6) Civic Center Transit Services; and 7) Puaoe and Malae Streets bicycle boulevard.</i>																				
KC5. Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	DES PE2													2,000	1,600	400				STP FLEXIBLE (Revise phase from DES into PE2)
<i>Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.</i>																				
KC6. Opaekaa Bridge Rehabilitation	CON										3,500	2,800	700							STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.</i>																				
KC7. Poipu Road (Route 520) Multimodal Improvements	PLN DES CON	100 400	80 320	20 80										7,588	6,070	1,518				STP FLEXIBLE
<i>Estimated Total Project Cost - \$8,100,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoike; Construction of bus stop shelters; Construction of medians and landscaping</i>																				
KC8. Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaunualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	CON DES CON	3,300 250	2,640 200	660 50				3,500	2,800	700										STP FLEXIBLE
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																				
KC9. Puuopae Bridge Rehabilitation	CON				3,185	2,500	685													STP FLEXIBLE
<i>Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.</i>																				
<b>KAUAI : COUNTY OF KAUAI - FHWA TOTAL</b>		<b>6,425</b>	<b>5,140</b>	<b>1,285</b>	<b>6,651</b>	<b>5,803</b>	<b>848</b>	<b>27,086</b>	<b>22,194</b>	<b>4,892</b>	<b>12,028</b>	<b>10,785</b>	<b>1,243</b>	<b>16,582</b>	<b>16,182</b>	<b>400</b>	<b>7,410</b>	<b>7,385</b>	<b>25</b>	

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<b>COUNTY OF KAUAI - FTA</b>																				
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311
<i>Transit</i>																				
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
<b>KAUAI : COUNTY OF KAUAI - FTA TOTAL</b>		<b>2,520</b>	<b>1,415</b>	<b>1,105</b>	<b>2,637</b>	<b>1,478</b>	<b>1,159</b>	<b>2,718</b>	<b>1,523</b>	<b>1,195</b>	<b>2,802</b>	<b>1,570</b>	<b>1,232</b>	<b>2,888</b>	<b>1,618</b>	<b>1,270</b>	<b>2,977</b>	<b>1,668</b>	<b>1,309</b>	



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<b>FUNDING CATEGORY SUMMARY - KAUAI</b>																				
NHPP (National Highway Performance Program)			0		5,528		660		680		25,160		13,348							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT/TAP			0		2,250		2,682		815		14,582		7,285							
STP FLEXIBLE			9,980		8,324		7,450		13,466		42,840		15,100							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			0		96		0		864		0		0							
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY (TIGER 2015)			0		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		17,402		23,905		16,076		82,833		35,984							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		(953)		(12,862)		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		10,231		16,449		11,043		16,076		82,833		35,984							

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<b>FTA SUMMARY</b>																				
STATEWIDE		869	697	172	900	721	179	927	743	184	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	
C&C OF HONOLULU		77,125	48,155	28,970	1,738,580	543,798	1,194,782	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752	
COUNTY OF HAWAII		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
MAUI, STATE		32,803	11,541	21,262	61,814	32,985	28,829	27,014	5,345	21,669	42,042	4,359	37,683	39,084	22,867	16,217	29,594	12,275	17,319	
COUNTY OF MAUI		4,394	2,603	1,791	4,549	2,693	1,856	4,687	2,775	1,912	4,829	2,859	1,970	4,978	2,947	2,031	5,130	3,037	2,093	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	2,718	1,523	1,195	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
<b>FTA TOTAL</b>		<b>120,713</b>	<b>66,211</b>	<b>54,502</b>	<b>1,811,614</b>	<b>583,550</b>	<b>1,228,064</b>	<b>950,855</b>	<b>279,671</b>	<b>671,184</b>	<b>152,777</b>	<b>33,638</b>	<b>119,139</b>	<b>138,285</b>	<b>37,465</b>	<b>100,820</b>	<b>129,971</b>	<b>26,872</b>	<b>103,099</b>	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
<b>FHWA SUMMARY</b>																				
<b>STATEWIDE</b>		37,705	6,693	31,012	36,045	5,625	30,420	42,133	10,475	31,658	44,590	15,036	29,554	47,685	12,287	35,398	41,865	10,141	31,724	
Oahu - State		158,769	89,719	69,050	98,526	71,229	27,297	202,318	82,721	119,597	168,795	117,107	51,688	164,939	98,163	66,776	130,614	110,908	19,706	
City and County of Honolulu		29,508	17,000	12,508	31,638	17,500	14,138	13,034	14,245	(1,211)	50,067	18,142	31,925	59,936	26,500	33,436	35,614	15,883	19,731	
<b>ISLAND OF OAHU</b>		<b>188,277</b>	<b>106,719</b>	<b>81,558</b>	<b>130,164</b>	<b>88,729</b>	<b>41,435</b>	<b>215,352</b>	<b>96,966</b>	<b>118,386</b>	<b>218,862</b>	<b>135,249</b>	<b>83,613</b>	<b>224,875</b>	<b>124,663</b>	<b>100,212</b>	<b>166,228</b>	<b>126,791</b>	<b>39,437</b>	
Hawaii - State		66,236	48,828	17,408	30,433	11,199	19,234	24,984	7,096	17,888	109,252	3,193	106,059	62,564	74,051	(11,487)	35,634	49,115	(13,481)	
County of Hawaii		900	720	180	18,300	11,264	7,036	12,330	13,240	(910)	12,880	10,304	2,576	12,903	10,120	2,783	17,900	10,080	7,820	
<b>ISLAND OF HAWAII</b>		<b>67,136</b>	<b>49,548</b>	<b>17,588</b>	<b>48,733</b>	<b>22,463</b>	<b>26,270</b>	<b>37,314</b>	<b>20,336</b>	<b>16,978</b>	<b>122,132</b>	<b>13,497</b>	<b>108,635</b>	<b>75,467</b>	<b>84,171</b>	<b>(8,704)</b>	<b>53,534</b>	<b>59,195</b>	<b>(5,661)</b>	
Maui - State		32,803	11,541	21,262	61,814	32,985	28,829	27,014	5,345	21,669	42,042	4,359	37,683	39,084	22,867	16,217	29,594	12,275	17,319	
County of Maui		10,960	6,773	4,187	13,175	8,120	5,055	23,508	15,920	7,588	13,064	9,737	3,327	50,163	37,466	12,697	32,504	24,531	7,973	
<b>ISLAND OF MAUI</b>		<b>43,763</b>	<b>18,314</b>	<b>25,449</b>	<b>74,989</b>	<b>41,105</b>	<b>33,884</b>	<b>50,522</b>	<b>21,265</b>	<b>29,257</b>	<b>55,106</b>	<b>14,096</b>	<b>41,010</b>	<b>89,247</b>	<b>60,333</b>	<b>28,914</b>	<b>62,098</b>	<b>36,806</b>	<b>25,292</b>	
Kauai - State		18,006	5,091	12,915	26,599	11,599	15,000	14,139	1,711	12,428	39,064	5,291	33,773	106,214	66,651	39,563	16,499	28,599	(12,100)	
County of Kauai		6,425	5,140	1,285	6,651	5,803	848	27,086	22,194	4,892	12,028	10,785	1,243	16,582	16,182	400	7,410	7,385	25	
<b>ISLAND OF KAUAI</b>		<b>24,431</b>	<b>10,231</b>	<b>14,200</b>	<b>33,250</b>	<b>17,402</b>	<b>15,848</b>	<b>41,225</b>	<b>23,905</b>	<b>17,320</b>	<b>51,092</b>	<b>16,076</b>	<b>35,016</b>	<b>122,796</b>	<b>82,833</b>	<b>39,963</b>	<b>23,909</b>	<b>35,984</b>	<b>(12,075)</b>	
<b>FHWA TOTAL</b>		<b>361,312</b>	<b>191,505</b>	<b>169,807</b>	<b>323,181</b>	<b>175,324</b>	<b>147,857</b>	<b>386,546</b>	<b>172,947</b>	<b>213,599</b>	<b>491,782</b>	<b>193,954</b>	<b>297,828</b>	<b>560,070</b>	<b>364,287</b>	<b>195,783</b>	<b>347,634</b>	<b>268,917</b>	<b>78,717</b>	

**DEPARTMENT OF TRANSPORTATION**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #6 (Pre-Approved Administrative Modification) Processed**  
**Revision Effective Date: June 15, 2016**

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

PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
<b>FUNDING CATEGORY SUMMARY - ENTIRE STIP</b>																				
NHPP (National Highway Performance Program)			99,005		100,465		64,627		102,311		157,796		142,057							
BRIDGE OFF-SYSTEM			720		720		720		720		800		800							
STP ENHANCEMENT/TAP			2,872		4,450		3,912		8,615		21,525		13,405							
STP FLEXIBLE			80,481		56,051		72,979		68,302		178,565		104,364							
SECTION 1404 - (Safe Routes to School)			200		1,500		1,400		1,500		750		0							
HSIP (Highway Safety Improvement Program)			2,466		7,424		14,986		10,127		2,590		6,630							
NATIONAL RECREATIONAL TRAILS			1,196		1,196		1,196		1,196		1,196		1,196							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
EQUITY BONUS			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		918		800		200							
EARMARK - 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)			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		2,300		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		191,505		175,324		172,947		193,954		364,287		268,917							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,565)		(3,518)		(13,127)		(1,183)		(1,065)		(465)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY	TOTAL		186,940		171,806		159,820		192,771		363,222		268,452							