

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
<u>STATEWIDE - FHWA</u>																					
S1. <span>Enhance</span> Bikeway Improvements at Various Locations, Statewide	DES											300	240	60				300	240	60	STP FLEXIBLE
	ROW											50	40	10				50	40	10	
	CON														2,000	1,600	400				
<i>Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.</i>																					
S2. <span>SysPres</span> Bridge Inspection and Appraisal	PLN		3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM (changed fund cat)
<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. <span>Human</span> Construction Career Days Workforce Development Program	PLN		30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program</i>																					
S4. <span>SysPres</span> Highway Research and Development Program	PLN		500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE (increase from 500)
<i>Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program.</i>																					
S5. <span>Safety</span> Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES		500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	500	400	100	HSIP
<i>Estimated Total Project Cost - \$3,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																					
S6. <span>SysPres</span> Highway Shoreline Protection, Statewide	DES																	500	400	100	STP FLEXIBLE
<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. <span>SysPres</span> Hawaii Statewide ITS Architectural Plan	PLN					1,000	800	200													STP FLEXIBLE
<i>Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architechure Plan for Non-Metro areas of the State (neighbor islands).</i>																					
S8. <span>Enhance</span> Pedestrian Facilities and ADA Compliance at Various Locations	DES					200	160	40				200	160	40				200	160	40	STP FLEXIBLE
	CON								2,000	1,600	400				2,000	1,600	400				
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.</i>																					
S9. <span>Modern</span> Public Lands Highways Discretionary Projects	DES/CON		5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	PUBLIC LANDS DISCRETIONARY
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																					
S10. <span>Safety</span> Safe Routes to School (SR2S) Program	Pln/Des		300	300	0				300	300	0				300	300	0				SAFE ROUTES TO SCHOOL
	Pn/Ds/Co					700	700	0				700	700	0				700	700	0	
<i>Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																					
S11. <span>Enhance</span> SNIPP - Statewide Noxious Invasive Pest Program	OPR					2,180	1,744	436	3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	3,409	2,727	682	STP FLEXIBLE
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																					
S12. <span>Enhance</span> Statewide Countown Pedestrian Signal Head Upgrade, Phase 2	CON					3,500	2,800	700													STP FLEXIBLE
<i>Estimated Total Project Cost - \$4,000,000 -- Implement pedestrian signal head upgrade with countdown head.</i>																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
S13.	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
Safety		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	(add des-con element)
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.																					
S14.	Statewide Bridge and Pavement Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	IM / NHS / STP FLEXIBLE (changed project title)
SysPres		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	(add des-con element)
Oahu	Fort Weaver Road (Route 76), Pavement Preservation	CON	6,750	5,400	1,350																
	Popoi Place to Renton Road, MP 0.00 to 3.99																				
	Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	6,400	5,760	640																
	Kahuapaani St (Route 7241) Resurfacing	CON	6,000	4,800	1,200																
	Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																				
Hawaii	Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																
	Kapaa Quarry to Kalaheo																				
	Kohala Mtn Road (Route 250) PPM	DES/CON	3,200	2,560	640																
	Waiaka Jnc. Toward Hawi MP 2.54 to 6.44																				
	Route 190 Resurfacing	CON	5,100	4,080	1,020																
Maui	Makalei to Palani Jnc., MP 27.63 to 35.3																				
	Mamalahoa Hwy (Route 11) Resurfacing	CON	2,800	2,240	560																
	Hawaii Volcanoes National Park to Vic. of Kapapala Ranch Rd.																				
	Volcano Road (Route11) PPM	CON	3,600	2,880	720																
	Inbound Lanes of Keesau Bypass to Panaewa Bridge																				
Kauai	Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																
	Kula Hwy to Haleakala Crater Road Jnc.																				
	Haleakala Crater Road (Route 378)	CION	1,300	1,040	260																
	MP 0.0 to 2.0																				
	Kula Hwy (Route 37) Resurfacing	CON	5,400	4,320	1,080																
Kauai	Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND																				
	Honoapiilani Hwy (Route 30) Resurfacing,																				
	Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67																				
	Kula Highway (Route 37) PPM	CON	4,600	3,680	920																
	Lower Kula Road to Kekauliki Avenue																				
Kauai	Kapule Hwy (Route 51) Resurfacing (UTW)	CON	9,980	7,984	1,996																
	Ahukini Road to Kuhio Hwy																				
	Kaumualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kauai	Kipu Rd to Huleia Bridge																				
Estimated Total Project Cost - \$130,000,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservator.																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		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	(add des-con element)
S15.	Kaumualii Hwy (Route 50)	CON	1,500	1,200	300																
	Huleia Brige to Mana																				
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE (NEW PROJECT)
SysPres		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	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE (decrease from 500)
Modern																					
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75																STP FLEXIBLE
Modern		CON							3,500	2,800	700										
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
S18.	Van Pool Program	CON	200	190	10	200	190	10	200	190	10	200	190	10	200	190	10	200	190	10	CMAQ
Congest																					
Estimated Total Project Cost - \$1,200,000 -- Van Pool program funding, statewide																					
STATEWIDE - FHWA TOTAL			119,935	65,684	54,251	57,310	15,024	42,286	58,560	15,944	42,616	54,131	12,481	41,650	57,307	14,942	42,365	54,889	13,087	41,802	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FTA																					FTA SECTION 5311 (b)(3)
S19. Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	107	107	0	111	111	0	115	115	0	119	119	0		
Human	Estimated Total Project Cost - \$655,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP).																				
S20. State Administration	PLN	305	305	0	315	315	0	324	324	0	334	334	0	344	344	0	355	355	0		FTA SECTION 5311
Human	Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21. Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	943	754	189	972	777	195	1,000	800	200	1,030	824	206		FTA SECTION 5310
Human																					
Estimated Total Project Cost - \$5,750,000 -- The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate.																					
S22. JARC (non-urban)	EQP/OPR	188	150	38	194	155	39	200	160	40	206	165	41	213	170	43	219	175	44		FTA SECTION 5316 (JARC)
Human																					
Estimated Total Project Cost - \$1,220,000 -- Job Access and Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients and eligible low-income individuals and to transport residents of urbanized areas .																					
& nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low-income individuals to & from jobs and activities related to their employment and to support reverse commute projects.																					
S23. New Freedom (non-urban)	EQP/OPR	104	83	21	108	86	22	111	89	22	115	92	23	119	95	24	123	98	25		FTA SECTION 5317 (New Freedom)
Human																					
Estimated Total Project Cost - \$658,000 -- New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services.																					
S24. Statewide Planning	PLN	131	105	26	135	108	27	139	111	28	143	114	29	147	117	30	152	121	31		FTA SECTION 5304
Transit																					
Estimated Total Project Cost - \$847,000 -- FTA Statwide Planning funds is a broad area that includes formula and discretionary funding under a variety of programs by awarding grants to eligible recipients. These programs provide funding to support cooperative, continuous, and comprehensive planning for making transportation investment decisions statewide.																					
An example of this includes but is not limited to Statewide Planning under Section 5304. Funds may be utilized towards projects that: support economic vitality; increase transportation system safety and; increase security, accessibility and mobility of people and for freight; protect and enhance the environment; promote energy conservation; enhance the integration and connectivity of various modes; promote system efficiencies; and system preservation. To be eligible for funding under these programs, projects and strategies must come from the applicable transportation planning process.																					
STATEWIDE - FTA TOTAL			1,716	1,453	263	1,771	1,499	272	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,998	1,692	306	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			5,760			0			0			0			0			0		
NHS (National Highway System)			9,744			0			0			0			0			0		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
BRIDGE ON/OFF SYSTEM changed fund cat			2,400			2,400			2,400			2,400			2,400			2,400		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			41,890			6,334			7,654			3,791			6,652			4,397		
CMAQ (Congestion Mitigation Air Quality)			190			190			190			190			190			190		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			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		
SECTION 1404 - (Safe Routes to School)			300			700			300			700			300			700		
HSIP- Highway Safety Improvement Program			400			400			400			400			400			400		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			65,684			15,024			15,944			12,481			14,942			13,087		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)			(5,000)			(5,000)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	60,684			10,024			10,944			7,481			9,942			8,087		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OAHU : STATE - FHWA																				
OS1. <span>Castle Hills Access Road Drainage Improvements, Phase II</span> <span>SysPres</span>	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE (incr estimate from 3000)
	Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Piina Way in Kaneohe																			
OS2. <span>Farrington Highway (Route 93), Bridge Rehabilitation</span> <span>SysPres</span> <span>Ulehawa Stream Bridge</span>	ROW				510	408	102													BRIDGE ON/OFF SYSTEM (changed fund cat)
	CON													0		0			0	(defer CON)
	Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings																			
OS3. <span>Farrington Highway (Route 93), Bridge Replacement</span> <span>SysPres</span> <span>Maipalaoa Bridge</span>	CON													0	0	0	14,560	11,648	2,912	BRIDGE ON/OFF SYSTEM (changed fund cat. Defer/inflate. No ADVCON)
	ADVCON																0	0	0	
	Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																			
OS82. <span>Farrington Highway (Route 93), Bridge Replacement</span> <span>SysPres</span> <span>Makaha Bridges #3 &amp; #3A</span>	ROW													1,160	928	232				BRIDGE ON/OFF SYSTEM (NEW PROJECT)
	CON													19,800	15,840	3,960				
	Estimated Total Project Cost - \$23,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																			
OS4. <span>Farrington Highway (Route 93) Intersection Improvements</span> <span>Safety</span> <span>at Haleakala Avenue (Route 8743)</span>	CON	0	0	0	9,000	1,000	8,000													HSIP (defer/new est)
	ADVCON							0	6,200	(6,200)										(use ADVCON)
	CON	0	0	0	1,000	800	200													EARMARK - HIGH PRIORITY
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities																				
OS5. <span>Farrington Highway (Route 93) Intersection Improvements</span> <span>Safety</span> <span>at Nanakuli Avenue (Route 8744)</span>	CON	0	0	0	10,000	8,000	2,000													HSIP (defer/new est)
	Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																			
OS6. <span>Farrington Highway (Route 93) Safety Improvements in the</span> <span>Safety</span> <span>Vicinity of Leihoku Street to Makau Street Kili Drive</span>	CON	1,960	1,764	196																HSIP (revised limits)
	Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																			
OS7. <span>Fort Barrette Road (Route 901) Widening,</span> <span>Modern</span> <span>Farrington Highway (Route 9107) to Barber's Point Gate</span>	CON								0	0	0						23,800	19,040	4,760	STP FLEXIBLE
	ADVCON													0	0	0	0	0	0	(defer/inflate. No ADVCON)
	Estimated Total Project Cost - \$25,300,000 -- Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements																			
OS8. <span>Freeway Management System,</span> <span>Congest</span> <span>Interstate H-1, H-2, and Moanalua Freeway (Route H-201 &amp; 78),</span> <span>Phase 1C</span> <span>Part 1</span> <span>Part 2</span>																				NHS
	CON	7,000	5,600	1,400																
	CON							3,500	2,800	700										
	Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phase:																			
OS9. <span>Freeway Management System,</span> <span>Congest</span> <span>Interstate H-1, H-2, and Moanalua Freeway (Route H-201 &amp; 78),</span> <span>Phase 2A</span> <span>Part 1</span> <span>Part 2</span>																				INTERSTATE MAINTENANCE
	DES				1,900	1,520	380													
	CON										5,000	4,000	1,000							
	CON													5,000	4,000	1,000				
	Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phase:																			
OS10. <span>Freeway Management System,</span> <span>Congest</span> <span>Interstate H-1, H-2, and Moanalua Freeway (Route H-201 &amp; 78),</span> <span>Phase 2B</span>	DES							1,900	1,520	380										INTERSTATE MAINTENANCE
	CON																10,000	8,000	2,000	
Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phase:																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OS11. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A	DES													2,000	1,600	400				INTERSTATE MAINTENANCE
Estimated Total Project Cost - \$61,500,000 -- The project 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 project will be implemented in phase:																				
OS12. Freeway Management System, Congest Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager	DES	4,000	3,200	800																NHS (incr estimate)
Estimated Total Project Cost - \$61,500,000 -- 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																				
OS13. Freeway Service Patrol Congest	CON	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	NHS
Estimated Total Project Cost - \$16,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																				
OS14. Guardrail and Shoulder Improvements, Various Locations																				STP FLEXIBLE (change fund cat)
Safety Phase 1 - Various locations on Interstate Route H-1	CON							2,100	1,890	210										
Phase 2	DES													250	200	50				
	CON																3,000	2,400	600	
Phase 3	DES																250	200	50	
Estimated Total Project Cost - \$5,850,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.																				
OS15. Interstate Routes H-1 and H-2, Destination Sign Upgrade/Replacement, SysPres																				NHS
Phase I	CON				2,808	2,246	562													
Phase II	CON																2,704	2,434	270	
Estimated Total Project Cost - \$6,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1 and H-2.																				
OS16. Interstate Route H-1, Bridge Rehabilitation, SysPres Kapalama Canal	DES	775	620	155																BRIDGE ON/OFF SYSTEM (changed fund cat)
Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																				
OS17. Interstate Route H-1, Eastbound Improvements, Modern	ROW	0	0	0				10,800	8,640	2,160										NHS
Vicinity of Ola Lane to Vineyard Blvd Off-Ramp	DES/CON	0	0	0				101,000	26,800	74,200										(defer/inflate. Redistribute AdvCon)
	ADVCON				0	0	0	0	0	0	0	39,000	(39,000)	0	15,000	(15,000)				
Estimated Total Project Cost - \$111,800,000 -- Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.																				
OS18. Interstate Route H-1, Eastbound Improvements, Modern	DES							0	0	0	920	828	92							(revised total project cost)
Ward Avenue (Route 7511) On-Ramp to University Interchange																				INTERSTATE MAINTENANCE (defer/inflate)
Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.																				
OS19. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety	CON										0	0	0	6,240	4,992	1,248				INTERSTATE MAINTENANCE (defer/inflate)
Kapiolani Interchange to Ainakoa Avenue																				
Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards																				
OS20. Interstate Route H-1, Guardrail and Shoulder Improvements, Safety	CON										0	0	0	5,410	4,328	1,082				INTERSTATE MAINTENANCE (defer/inflate)
Middle Street (Route 7415) to Punchbowl Street (Route 7516)																				
Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards																				
OS21. Interstate Route H-1, Highway Lighting Improvements, SysPres																				INTERSTATE MAINTENANCE
Kaimakani OP to Gulick Avenue																				
Phase 1	CON							0	0	0	6,860	5,488	1,372							(defer/inflate CON for Ph 1)
Phase 2	CON																0	0	0	defer CON ph2)
Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																			
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)	FFY2012 (Oct 1, 11 - Sep 30, 12)	FFY2013 (Oct 1, 12 - Sep 30, 13)	FFY2014 (Oct 1, 13 - Sep 30, 14)	FFY2015 (Oct 1, 14 - Sep 30, 15)	FFY2016 (Oct 1, 15 - Sep 30, 16)	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)		
OS22. Interstate Route H-1, Kapolei Interchange Complex <span>Modern</span> Phase 2	CON	0	0	0			1,000	900	100									INTERSTATE MAINT. DISCR NHS (defer ph2, New Cost Est) NHS (combine phase 2 and 3 in 2013) INTERSTATE MAINT. DISCR NHS NHS	
	CON	0	0	0			5,700	5,130	570										
	Phase 3	CON						21,000	18,900	2,100									
	CON						3,800	3,400	400										
	Phase 4	DES						0	0	0			560	448	112				NHS
	ROW						0	0	0			224	179	45			NHS		
	Phase 5	DES						0	0	0			540	432	108				NHS
	ROW						0	0	0			216	172	44			NHS		
Estimated Total Project Cost - \$60,000,000 -- Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalilai and Makakilo Interchange:																			
OS83 Interstate Route H-1, Installation of Access Control	CON	2,500	2,250	250														STP FLEXIBLE (NEW PROJECT)	
<span>SysPres</span> Makakilo Interchange to Vicinity of H-1/H-2 Interchange																			
Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions																			
OS23. Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp <span>Congest</span>	DES/CON	0	0	0								5,850	5,265	585				INTERSTATE MAINTENANCE (defer/inflate)	
Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.																			
OS24. Interstate Route H-1, Pearl City and Waimalu Viaduct <span>SysPres</span> Improvements, Phase 2	CON								0	0	0				43,250	38,925	4,325	INTERSTATE MAINTENANCE (defer/inflate, No ADVCON) INTERSTATE MAINTENANCE	
	ADVCON											0	0	0					
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.																			
OS25. Interstate Route H-1, PM Contraflow, Westbound <span>Modern</span> Waiawa IC Improvements (four WB through lanes), Phase I	CON				0	0	0					16,850	13,480	3,370				INTERSTATE MAINTENANCE (defer and inflate)	
Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.																			
OS26. Interstate Route H-1, Waiawa Interchange to Halawa Interchange <span>Modern</span> Widening, Eastbound	DES														0	0	0	NHS (defer DES)	
Estimated Total Project Cost - \$100,000,000 -- Widen H-1 Freeway to six lanes from Waiawa Interchange to Halawa Interchange in the eastbound direction, and restore current freeway lane width and shoulder standards. Project may be phased due to high cost.																			
OS27. Interstate Route H-1, Waiawa Interchange, <span>Modern</span> Westbound, Waipahu Off-Ramp Improvements	DES											0	0	0	3,432	2,745	687	NHS (defer/inflate)	
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																			
OS28. Interstate Route H-3, Safety Improvements in the Vicinity of <span>Safety</span> Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	DES	150	135	15														HSIP	
	CON						1,000	900	100										
Estimated Total Project Cost - \$1,150,000 -- Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.																			
OS29. Interstate Route H-3, Seismic Retrofit, <span>SysPres</span> Halekou Interchange	DES								0	0	0				1,080	864	216	BRIDGE ON/OFF SYSTEM (changed fund cat. Defer/inflate)	
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																			
OS30. Interstate Route H-3, Seismic Retrofit, <span>SysPres</span> Kapaa Quarry, Structure Nos. 1 & 2 (Inbound & Outbound)	DES														0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat) (defer DES)	
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																			
OS31. Interstate Route H-3, Seismic Retrofit, <span>SysPres</span> Mokapu Blvd Interchange	CON											0	0	0	3,120	2,496	624	BRIDGE ON/OFF SYSTEM (changed fund cat. Defer/inflate)	
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structure to meet current seismic standards.																			
OS32. Kalaeloa Roadway Improvements, <span>SysPres</span> Vicinity of Barber's Point Naval Air Station	DES														0	0	0	STP FLEXIBLE (defer DES)	
Estimated Total Project Cost - \$55,000,000 -- Bring roadways up to City standards and turn the roadway over to the City and County of Honolulu. Roadways include Roosevelt Avenue, Enterprise Avenue, and Coral Sea Road.																			

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OS84. Kalanianaʻole Highway (Route 72) Bicycle Improvements, <span>Enhance</span> Waimanalo Beach Park to Makai Pier	CON										250	200	50							EARMARK-HIGH PRIORITY STP ENHANCEMENT (NEW PROJECT)
	CON										2,400	1,920	480							
	Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.																			
OS33. Kalanianaʻole Highway (Route 72), Bridge Replacement <span>SysPres</span> Inoaole Stream Bridge, Waimanalo	CON										0	0	0	9,360	7,488	1,872				
	Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.																			
OS34. Kalanianaʻole Highway (Route 72) Improvements, <span>Safety</span> Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON							0	0	0	13,520	10,816	2,704							NHS (defer/inflate. No ADVCON)
	ADVCON										0	0	0							
Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements																				
OS35. Kalanianaʻole Highway (Route 72) Improvements, <span>Safety</span> Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS
	Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements																			
OS36. Kalanianaʻole Highway (Route 72) Improvements, <span>Safety</span> Olomana Golf Course to Waimanalo Beach Park Phase III, Aloiloi Street to Waimanalo Beach Park	DES																0	0	0	
	Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Aloiloi Street to Waimanalo Beach Park. Project includes turning lanes, bus pullouts, and lighting improvements																			
OS37. Kamehameha Highway (Route 83), Bridge <span>Replacement</span> <span>SysPres</span> Kaipapau Stream Bridge	CON	0	0	0										16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate) (changed project title from rehab to replace)
	Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.																			
OS38. Kamehameha Highway (Route 83), Bridge Rehabilitation <span>SysPres</span> Kawaiolo Stream Bridge	DES	0	0	0																
	PREROW							0	0	0				0	0	0				
	ROW																			
	CON																0	0	0	
Estimated Total Project Cost - \$6,000,000 -- Rehabilitate the existing bridge by widening and strengthening to meet current State standards.																				
OS39. Kamehameha Highway (Route 83), Bridge <span>Replacement</span> <span>SysPres</span> Lailoa Stream Bridge	ROW	0	0	0	182	146	36													BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate)
	CON				0	0	0				2,800	2,240	560							
	Estimated Total Project Cost - \$3,700,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie																			
OS40. Kamehameha Highway (Route 83), Bridge Rehabilitation <span>SysPres</span> Makaua Stream Bridge	ROW				250	200	50													
	CON															0	0	0		
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.																			
OS41. Kamehameha Highway (Route 83), Bridge Rehabilitation <span>SysPres</span> Waipilopilo Stream Bridge	PREROW	200	160	40																BRIDGE ON/OFF SYSTEM (changed fund cat, add ROW phases)
	ROW				250	200	50													
	CON																0	0	0	
Estimated Total Project Cost - \$4,000,000 -- Rehabilitate the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																				
OS42. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Hoolapa Stream (Nanahu) Bridge	DES																0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat) (defer DES)
	Estimated Total Project Cost - \$3,000,000 -- Replace the existing bridge.																			



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OS43. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Kaluanui Stream Bridge  <i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>	PREROW				50	40	10				600	480	120							BRIDGE ON/OFF SYSTEM (changed fund cat)
	ROW																0	0	0	(defer CON)
	CON																			
OS44. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Kaunala Bridge  <i>Estimated Total Project Cost - \$7,300,000 -- Replace the existing bridge.</i>	DES																0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat)
																				(defer DES)
OS45. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Kawela Stream Bridge  <i>Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.</i>	CON										0	0	0				9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate)
OS46. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Lauhulu Stream Bridge  <i>Estimated Total Project Cost - \$10,000,000 -- Replace the existing bridge.</i>	DES																0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat)
																				(defer DES)
OS47. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Papau Stream (Waipuhi) Bridge  <i>Estimated Total Project Cost - \$7,000,000 -- Replace the existing bridge.</i>	DES																0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat)
																				(defer DES)
OS48. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> South Kahana Stream Bridge  <i>Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.</i>	PreROW				100	80	20													BRIDGE ON/OFF SYSTEM (new phase)
	ROW	0	0	0				946	757	189				0	0	0				(split into preROW and defer/incr)
	CON																			(defer CON)
OS49. Kamehameha Highway (Route 99), Bridge Replacement <span>SysPres</span> Upper Poamoho Stream Bridge  <i>Estimated Total Project Cost - \$24,500,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa</i>	ROW	0	0	0	1,040	800	240													EARMARK-HIGH PRIORITY (defer)
	CON										0	0	0				17,300	13,840	3,460	BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate. No ADVCON)
	ADVCON													0	0	0				
OS50. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Waiahole Bridge  <i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing concrete structure.</i>	CON													0	0	0				BRIDGE ON/OFF SYSTEM (changed fund cat)
																				(defer CON)
OS51. Kamehameha Highway (Route 83), Bridge Replacement <span>SysPres</span> Waikane Stream Bridge  <i>Estimated Total Project Cost - \$4,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards</i>	ROW				250	200	50													BRIDGE ON/OFF SYSTEM (changed fund cat)
	CON																0	0	0	(defer CON)
OS52. Kamehameha Highway (Route 99), Hwy Lighting Improvements, <span>SysPres</span> MP 20.7 to MP 23.8 ( <span>Kalauao Stm Bridge to Pearl Harbor I/C</span> )  <i>Estimated Total Project Cost - \$3,800,000 -- Upgrade/replace roadway lighting from Kawaipuna Street (milepost 20.7) to North Punaluu Bridge (milepost 23.8).</i>	CON							0	0	0										NHS (DELETE project. Will relook at this after transit related improvements are completed)
OS53. Kamehameha Highway (Route 83), Realignment, <span>Congest</span> Vicinity of Kawaioloa Beach  <i>Estimated Total Project Cost - \$38,000,000 -- Plan a new highway which would bypass 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, a total distance of approximately 4.2 miles.</i>	DES																0	0	0	NHS
																				(defer DES)

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OS54.	Kamehameha Highway (Route 99), In-bound Cane Haul Road	CON														0	0	0		BRIDGE ON/OFF SYSTEM (changed fund cat)	
SysPres	Structure Rehabilitation, Vicinity of Waipahu																			(defer CON)	
Estimated Total Project Cost - \$5,000,000 -- Rehabilitate the existing structure.																					
OS55.	Kamehameha Highway (Route 99), Out-bound Cane Haul Road	CON														0	0	0		BRIDGE ON/OFF SYSTEM (changed fund cat)	
SysPres	Structure Rehabilitation, Vicinity of Waipahu																			(defer CON)	
Estimated Total Project Cost - \$5,000,000 -- Rehabilitate the existing structure.																					
OS56.	Kamehameha Highway (Route 83), Rockfall Protection	PREROW				50	40	10												NHS	
Safety	at Waimea Bay, MP 5.4 to MP 5.52	ROW							450	360	90										
			CON												9,500	7,600	1,900				
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																					
OS57.	Kamehameha Highway (Route 83), Rockfall Protection	CON														0	0	0		NHS	
Safety	at Waimea Bay, MP 5.63 to MP 5.9 (Sunset Beach Side)																			(defer CON)	
Estimated Total Project Cost - \$8,000,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.63 to milepost 5.9).																					
OS58.	Kamehameha Highway (Route 83), Safety Improvements, Kahana	CON	0	0	0	1,352	1,217	135												HSIP (defer/inflate)	
Safety	Valley Road to Kaaawa Bridge																				
Estimated Total Project Cost - \$1,450,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																					
OS59.	Kamehameha Highway (Route 83), Safety Improvements	CON				0	0	0												HSIP (delete; work done in another project)	
Safety	Vic. Of Makao Road to Vic. Of Haleaha Road																				
Estimated Total Project Cost - \$1,500,000 -- Extend paved shoulder 2 feet, extend drainage culverts and headwalls, install milled centerline and shoulder line rumble strips, signing and pavement marking.																					
OS60.	Kamehameha Highway (Route 83), Safety Improvements	DES	200	180	20															HSIP	
Safety	Vic. Of Pohuehue Road to Waikane Valley Road	CON										1,000	900	100							
Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.																					
OS61.	Kamehameha Highway (Route 83), Safety Improvements, Vicinity of	CON	0	0	0															HSIP (delete; work done in another project)	
Safety	Pualalea St. - Malaekahana Beach Pk & Vic. of Laie-Maloo Br. to Hauula Br.																				
Estimated Total Project Cost - \$1,600,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																					
OS62.	Kamehameha Highway (Route 83), Safety Improvements	CON	0	0	0	1,637	1,474	163												HSIP (defer/inflate)	
Safety	Vic. Of Waikane Valley Road to Kahekili Highway (Route 83) to Waikane Valley Road																			(reversed project limits)	
Estimated Total Project Cost - \$2,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																					
OS63.	Kamehameha Highway (Route 83), Shoreline Protection	DES	700	560	140															NHS (federalize DES)	
Safety	Vicinity of Hauula (#14)	CON														0	0	0		(defer CON)	
Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action																					
OS64.	Kamehameha Highway (Route 83), Shoreline Protection	DES	700	560	140															NHS (federalize DES)	
Safety	Vicinity of Kaaawa (#10)	CON														0	0	0		(defer CON)	
Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action																					
OS65.	Kamehameha Highway (Route 83) Shoreline Protection,	CON	0	0	0							6,750	5,400	1,350						NHS (defer/inflate)	
Safety	Vicinity of Punaluu (#9)																				
Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action																					
OS66.	Kamehameha Highway (Route 83) Traffic Improvements,	DES														0	0	0		NHS (defer DES)	
Safety	Kahaluu - Waimea Bay (Kahekili Hwy (Route 83) - Kaalaea Stream)																				
Estimated Total Project Cost - \$15,000,000 -- Construct roadway geometric adjustments to improve safety and construct possible intersection improvements along Kamehameha Highway, from Kahekili Highway to Kaalaea Stream. Replace two bridge structures.																					
OS67.	Kamehameha Highway (Route 83) Wetland Enhancement,	CON										0	0	0	6,240	4,992	1,248			NHS (defer/inflate)	
Enhance	Vicinity of Ukoa Pond																				
Estimated Total Project Cost - \$6,750,000 -- 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																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	TOTAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OS68. Kamehameha Highway (Route 99) Widening, Modern Lanikuhana Ave. to Ka Uka Blvd Phase 1		DES																0	0	0	NHS (defer DES)
Estimated Total Project Cost - \$130,000,000 -- Widen Kamehameha Highway to four-lanes with shoulders for bike paths and disabled vehicles.																					
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Hawaiian Railway Society Train Station Enhance		ROW				800	640	160													STP ENHANCEMENT (added ROW) (defer, incr from 4160)
		CON	0	0	0	8,500	6,800	1,700													
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station																					
OS70. Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road Enhance		DES	2,500	2,000	500																STP ENHANCEMENT (defer/inflate ROW) (defer CON)
		PREROW							100	80	20										
		ROW										0	0	0	2,750	2,200	550				
		CON															0	0	0		
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Lualualei Naval Road																					
OS71. Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements Safety		CON										0	0	0	6,000	4,800	1,200				NHS (defer/inflate)
Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders																					
OS72. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 1.12 to MP 4.09 ( Halawa Hts. Off-Ramp to Middle St. Overpass)		CON							0	0	0	5,840	4,672	1,168							NHS (defer/inflate)
Estimated Total Project Cost - \$8,500,000 -- 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)																					
OS73. Moanalua Freeway (Route H-201), Highway Lighting Improvements SysPres MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)		CON							0	0	0	2,340	1,872	468							NHS (defer/inflate)
Estimated Total Project Cost - \$8,500,000 -- 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)																					
OS74. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Interchange, Ramp "A"		CON													0	0	0	3,950	3,160	790	BRIDGE ON/OFF SYSTEM (defer/inflate)
Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.																					
OS75. Moanalua Freeway (Route H-201) Seismic Retrofit, SysPres Puuloa Separation		CON													0	0	0	6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM (changed fund cat. Defer/inflate)
Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.																					
OS76. North-South Road (Route 8930), Kapolei Parkway to Vicinity of H-1 Freeway, Phase II Modern		DES																0	0	0	STP FLEXIBLE (defer DES)
Estimated Total Project Cost - \$200,000,000 -- Phase IB consisted of constructing the interim roadway from Kapolei Parkway to Farrington Hwy. Phase IC involved constructing the roadway from Farrington Hwy. to the H-1 Freeway, including a full-diamond interchange at the H-1 Freeway. Phase II involves continuation of the build out of North-South Road to six (6) lanes.																					
OS77. Pali Highway (Route 61) , Rockfall Protection Between the Two Tunnels Safety		PLN/DES																0	0	0	NHS (defer PLN/DES)
Estimated Total Project Cost - \$12,000,000 -- Reduce possible rockfall and/or landslides along Pali Highway between the two Pali Highway Tunnels.																					
OS78. Pali Highway (Route 61), Rockfall Protection, Kailua Side of Kailua-Bound Tunnels Safety		PLN/DES													0	0	0				NHS (defer PLN/DES)
Estimated Total Project Cost - \$26,800,000 -- Reduce possible rockfall and/or landslides along Pali Highway on the Kailua side of the Kailua Tunnels.																					
OS79. 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)
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.																					
OS80. Vanpool Program, Oahu Congest		OPR	980	980	0	838	838	0	685	685	0	521	521	0	345	345	0	156	156	0	CMAQ FHWA fund Transfer from FTA, Sec. 5307
		OPR	1,920	1,920	0	2,062	2,062	0	2,215	2,215	0	2,379	2,379	0	2,555	2,555	0	2,744	2,744	0	
Estimated Total Project Cost - \$26,100,000 -- Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.																					
OS81. Vineyard Blvd (Route 98) Improvements, Vicinity of Queen's Medical Center Modern		DES	30	0	30																LOCAL LOCAL
		CON	11,000	0	11,000																
Estimated Total Project Cost - \$12,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.																					
OAHU : STATE - FHWA TOTAL			41,274	25,216	16,058	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OAHU : STATE - FTA																				
OS85. JARC (Small Urban)	EQP/OPR	175	140	35																FTA SECTION 5316 (JARC) Small Urban (NEW PROJECT)
Human																				
Estimated Total Project Cost - \$175,000 -- Job Access & Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients& eligible low-income individuals & to transport residents of urbanized areas & nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low-income individuals to & from jobs and activities related to their employment & to support reverse commute projects.																				
OS86. New Freedom (Small Urban)	EQP/OPR	144	115	29																FTA SECTION 5317 (New Freedom) Small Urban (NEW PROJECT)
Human																				
Estimated Total Project Cost - \$144,000 -- New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services.																				
OAHU : STATE - FTA TOTAL		319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Transit	Alapai Transit Center Multi-Use Path	CON	210	0	210																STP FLEXIBLE (decr & defederalize)
			Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																		
OC2. Safety	Alapai Transportation Management Center																				(broken into parts)
		DES				1,000	0	1,000													LOCAL (new estimates)
		DES	4,500	4,400	100																STP FLEXIBLE (new estimates)
		CON							17,000	8,320	8,680	17,000	7,156	9,844	17,000	13,600	3,400				STP FLEXIBLE (new estimates)
		CON	13,375	0	13,375	4,000	0	4,000													LOCAL (new estimates)
		DES							1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	LOCAL (new estimates)
			Estimated Total Project Cost - \$84,346,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies. The City's Emergency Op Center will be relocated to the JTMK.																		
OC3. Enhance	Bicycle Projects																				LOCAL
		Kalaheo Avenue	ROW	1	0	1															LOCAL
			PLN	1	0	1															STP FLEXIBLE (delete)
			DES	0	0	0															STP FLEXIBLE
			CON	2106	1556	550															(NEW PROJECT replaced old project)
		University Ave., Varsity Place, Makakilo Loop, Hamakua Drive, Maile to Waianae (valley route) and Young Street, Kealaolu Ave Shoulder Improvements	DES				1	0	1												STP FLEXIBLE
			CON				550	440	110												STP FLEXIBLE
		Thomas Square/Civic Center Bike Path Improvements	CON				550	440	110												STP FLEXIBLE (NEW PROJECT)
		University Avenue and Varsity Place, Dole Street, Pearl City Bike Lane Improvements	ROW						1	0	1										LOCAL (NEW PROJECT replaced old project)
			PLN						1	0	1										LOCAL old project
			DES	58	0	58			0	0	0										STP FLEXIBLE
			CON						300	240	60										STP FLEXIBLE
		Hamakua Drive Bike Improvements	DES	90	0	90															STP FLEXIBLE (NEW PROJECT)
			CON						400	320	80										STP FLEXIBLE
		Hamakua Drive and Young Street, Mokuola St/Awalaui St. Bike Improvements	DES						200	160	40										STP FLEXIBLE (NEW PROJECT)
			CON									600	480	120							STP FLEXIBLE replaced old project
		Maile to Waianae (valley route), Laie Loop, 18th Ave/Makapuu Ave/Diamond Head Rd Bike Improvements	ROW									1	0	1							LOCAL (NEW PROJECT replaced old project)
			PLN									1	0	1							LOCAL old project
			DES									400	320	80							STP FLEXIBLE
			CON												1600	1280	320				STP FLEXIBLE
		Makakilo Loop and Dole Street, Haleiwa/Waialua Bike Improvements	ROW												1	0	1	1	0	1	LOCAL (NEW PROJECT replaced old project)
			PLN												1	0	1	1	0	1	LOCAL old project
			DES												400	320	80	0	0	0	STP FLEXIBLE
			CON															1400	1120	280	STP FLEXIBLE
			Estimated Total Project Cost - \$8,665,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities																		
OC4. SysPres	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
			Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																		
OC5. Congest	Computerized Traffic Control System																				
		Phase 13: Milliani Mauka Area	EQP	1	0	1															LOCAL
			DES	0	0	0															STP FLEXIBLE (DES already oblig)
			CON	0	0	0	3,307	2,527	780												STP FLEXIBLE (defer/inflate)
		Phase 14: Milliani Town - Part 1	EQP				1	0	1												LOCAL
			DES				0	0	0												STP FLEXIBLE (DES already oblig)
			CON				3,220	3,220	0												STP FLEXIBLE (add CON phase)
		Phase 15: Milliani Town & Expand Fiber to Wahiawa - Part 2	EQP						1	0	1										STP FLEXIBLE
			DES	250	200	50			0	0	0										STP FLEXIBLE (decr & advance)
			CON						3,180	2,400	780										STP FLEXIBLE
		Phase 16: Wahiawa Town Area	EQP									1	0	1							LOCAL
			DES				375	300	75			0	0	0							STP FLEXIBLE (decr & advance)
		Phase 17: Makakilo Area & Extend fiber towards Nanakuli	EQP												1	0	1				LOCAL
			DES						375	300	75				0	0	0				STP FLEXIBLE (decr & advance)
			CON												4,050	3,220	830				STP FLEXIBLE (incr)
		Phase 18: Undetermined at this time	EQP															1	0	1	LOCAL
			DES									380	304	76				0	0	0	STP FLEXIBLE (adv, incr fed share)
			CON															4,050	3,220	830	STP FLEXIBLE (incr)
			Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center																		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OC6. Kapolei Parkway (Route 8920) Congest	DES	1	0	1																LOCAL (project has been broken into phases)	
	CON	5,200	0	5,200																STP FLEXIBLE	
	Urban Core 4: Kunehi Street to Kamaaha Ave																			LOCAL	
	CON	3,388	0	3,388																STP FLEXIBLE	
	CON	7,813	7,813	0																LOCAL	
	CON																			STP FLEXIBLE	
	Urban Core 4A: Kamaaha Intersection																			LOCAL	
	CON				773	0	773													STP FLEXIBLE	
	CON				3,164	3,164	0														
	Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																				
OC7. Makakilo Drive (Route 8810) Extension Modern	Phase 1	CON									22,550	0	22,550							LOCAL	
	Phase 2	CON															47,410	37,928	9,482	STP FLEXIBLE	
	Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway																				
OC8. Salt Lake Blvd (7311) Route Widening Modern	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE	
	Maluna Street to Ala Lilikoi Street																				
	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lilikoi Street.																				
OC9. Seismic Bridge Retrofit SysPres	DES				600	480	120										600	480	120	BRIDGE OFF-SYSTEM	
	CON										1,500	1,200	300							BRIDGE OFF-SYSTEM	
	Estimated Total Project Cost - \$2,700,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																				
OC10. Traffic Improvements at Various Locations Safety	Phase-1 Palolo Traffic Calming	ROW	0	0	0				50	0	50									LOCAL (phase title, defer/incr)	
	PLN	0	0	0	0				50	0	50									LOCAL (defer/incr)	
	DES	300	0	300																LOCAL (decr)	
	CON	0	0	0				1,930	960	970										STP FLEXIBLE (defer/incr)	
	EQP	0	0	0																LOCAL (delete)	
	Phase-2 Waiakamilo and Dillingham Intersection	ROW				0	0	0												LOCAL (phase title, delete)	
	PLN				0	0	0													LOCAL (delete)	
	DES				1	0	1													LOCAL (decr)	
	CON				1,821	1,457	364													STP FLEXIBLE (fund cat, incr)	
	Phase-3 TBD	ROW							0	0	0	50	0	50						LOCAL (phase title, defer)	
	PLN								0	0	0	50	0	50						LOCAL (defer)	
	DES							400	0	400										LOCAL	
	CON								0	0	0	1,930	960	970						STP FLEXIBLE (defer)	
	Phase-4 TBD	ROW									0	0	0	50	0	50				LOCAL (phase title, defer)	
	PLN										0	0	0	50	0	50				LOCAL (defer)	
	DES										400	0	400							LOCAL	
	CON										0	0	0	1,930	960	970				STP FLEXIBLE (fund cat, incr)	
	Phase-5 TBD	ROW												0	0	0	50	0	50	LOCAL (phase title, defer)	
	PLN													0	0	0	50	0	50	LOCAL (defer)	
	DES													400	0	400				LOCAL	
	CON													0	0	0	1,930	960	970	STP FLEXIBLE (defer)	
	Phase-6 TBD	ROW															0	0	0	LOCAL (delete)	
	PLN																0	0	0	LOCAL (delete)	
	DES																400	0	400	LOCAL	
	CON																0	0	0	STP FLEXIBLE (delete)	
Estimated Total Project Cost - \$11,842,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanaku																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OC11. Traffic Signals at Various Locations Congest	Phase 13	CON	0	0	0	3,270	2,625	645												STP FLEXIBLE (defer/inflate)	
		EQP	1	0	1															LOCAL	
		PLN	1	0	1															LOCAL	
	Phase 14	DES	350	280	70															STP FLEXIBLE (incr)	
		CON				3,865	3,220	645												STP FLEXIBLE (incr)	
		EQP				1	0	1												LOCAL	
	Phase 15	PLN				1	0	1												LOCAL	
		DES				350	280	70												STP FLEXIBLE (incr)	
		CON							3,846	3,220	626									STP FLEXIBLE (incr)	
	Phase 16	EQP							1	0	1									LOCAL	
		PLN							1	0	1									LOCAL	
		DES							350	280	70									STP FLEXIBLE (incr)	
	Phase 17	CON										3,126	2,500	626						STP FLEXIBLE (incr)	
		EQP										1	0	1						LOCAL	
		PLN										1	0	1						LOCAL	
	Phase 18	DES										350	280	70						STP FLEXIBLE (incr)	
		CON													3,846	3,220	626			STP FLEXIBLE (incr)	
		EQP										1	0	1						LOCAL	
	Phase 19	PLN													1	0	1			LOCAL	
		DES													350	280	70			STP FLEXIBLE (incr)	
																		3,846	3,220	626	
	Estimated Total Project Cost - \$24,506,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordinatio.																				
	OC12. Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas Safety	DES	30	0	30	0	0	0	0	0	0									LOCAL (decr)	
		CON	480	360	120	150	0	150	0	0	0									STP FLEXIBLE (decr)	
	Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pederstrian push buttons to ADA compliant push buttons																				
	OAHU : C&C OF HONOLULU - FHWA TOTAL			39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
CITY & COUNTY OF HONOLULU - FTA																				
OC13. Agency Provided Trips Human																				
	OPR				194	97	97	194	97	97	202	101	101	212	106	106	316	158	158	FTA \$5316 JARC Urb
	OPR	230	115	115	356	178	178	386	193	193	408	204	204	428	214	214	354	177	177	FTA \$5317 NF Urb
Estimated Total Project Cost - \$3,280,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service																				
OC14. Bus and Handi-Van Acquisition Program Transit																				
	EQP	12,740	7,987	4,753																FTA \$5307/\$5340
	EQP	5,713	4,998	715																FTA \$5307/\$5340 TIGGER II
	EQP	1,593	1,157	436																FTA \$5309 BC
	EQP	3,300	2,138	1,162	2,635	2,168	467	2,812	2,183	629	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	FTA \$5309 FGM
	EQP				15,491	0	15,491	15,810	0	15,810	16,326	0	16,326	16,613	0	16,613	17,023	0	17,023	LOCAL
	INSP	20	18	2	50	45	5													FTA \$5307/\$5340 TIGGER II
	INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	120	0	120	LOCAL
	Estimated Total Project Cost - \$119,706,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																			
OC15. Honolulu High Capacity Transit Corridor Project Transit (HHCTCP)																				
		485,000	80,000	405,000	626,970	200,000	426,970	993,800	250,000	743,800	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS
					94,030	30,000	64,030	123,200	31,000	92,200	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5307/\$5340
	Estimated Total Project Cost - \$5,163,495,000 -- 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.																			
	a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																			
	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 \$3,372,675 (YOE\$000).																			
	d. "PROF SVCS" = Professional Services and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work, design, engineering, and architectural services, auditing, legal services, administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.																			
OC16. Local Shuttle Service Human																				
	OPR				172	86	86	160	80	80	168	84	84	176	88	88	184	92	92	FTA \$5316 JARC Urb
	OPR				116	58	58	121	60	61	126	63	63	131	65	66	136	68	68	FTA \$5317 NF Urb
Estimated Total Project Cost - \$1,490,000 -- To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.																				



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
OC17. Middle Street Intermodal Center																					
Transit		PLN							1	0	1	1	0	1						LOCAL	
		DES	300	0	300	2,500	0	2,500	200		200	200		200						LOCAL	
		CON				1,810	1,327	483	29,322	23,458	5,864	29,336	23,469	5,867						FTA \$5309 BC	
		EQP							1	0	1	1	0	1						LOCAL	
		Estimated Total Project Cost - \$63,672,000 -- 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.																			
OC18. Mobility Management																					
Human		OPR	496	397	99	153	122	31	148	118	30	274	219	55	289	231	58	245	196	49	FTA \$5316 JARC Urb
		OPR	100	80	20	8	6	2									62	49	13	FTA \$5317 NF-Urb	
		EQP				100	80	20	124	99	25	12	10	2	13	10	3	14	11	3	FTA \$5316 JARC-Urb
		Estimated Total Project Cost - \$2,038,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
OC19. Preventive Maintenance																					
Transit		OPR	41,423	21,000	20,423	43,080	0	43,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340
		Estimated Total Project Cost - \$274,757,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																			
OC24. Special Needs Transportation																					
Human		OPR	146	73	73															FTA \$5317 NF-Urb	
		Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																			
OC20. Transfer to FHWA for Vanpool																					
Congest		OPR	1,870	1,870	0	1,945	1,945	0	2,023	2,023	0	2,103	2,103	0	2,187	2,187	0	2,275	2,275	0	FTA \$5307/\$5340
		Estimated Total Project Cost - \$12,403,000 -- Transfer FTA funds to FHWA for HDOT's Vanpool program.																			
OC21. Transit Safety and Security Projects																					
Transit		PLN	1	0	1															LOCAL	
		DES	1	0	1															LOCAL	
		EQP	455	365	90															FTA \$5307/\$5340	
		OPR																		FTA	
		Estimated Total Project Cost - \$457,000 -- Capital projects at various transit locations to improve safety and security.																			
OC22. West Oahu Bus and Handi-Van Maintenance Facility																					
Transit		PLN				1		1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
		ROW				500	0	500	1,000	0	1,000	1	0	1	1	0	1				LOCAL
		DES				1,850	0	1,850	4,200	0	4,200	8,000	0	8,000	1		1				LOCAL
		CON										1	0	1	21,500	17,200	4,300	34,500	27,600	6,900	FTA \$5309 BC
		RELOC										1	0	1	1	0	1	1	0	1	LOCAL
		EQP							1,000	0	1,000										
		Estimated Total Project Cost - \$72,562,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			
OC23. Windward Transit Center																					
Transit		PLN				1	0	1	1	0	1	1	0	1						LOCAL	
		ROW				1	0	1	1	0	1	1	0	1						LOCAL	
		DES				300	0	300	200	0	200	200	0	200						LOCAL	
		CON							3,000	0	3,000	0	0	0						LOCAL	
		INSP							150	0	150	1	0	1						LOCAL	
		EQP							1	0	1	1	0	1						LOCAL	
		Estimated Total Project Cost - \$3,859,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																			
OAHU : C&C OF HONOLULU - FTA TOTAL			553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			1,520			3,410			10,316			33,865			49,525		
NHS (National Highway System)			11,720			4,086			64,430			4,086			35,423			6,979		
BRIDGE OFF-SYSTEM			720			1,200			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM changed fund cat			780			1,274			757			2,720			29,748			44,956		
STP ENHANCEMENT			2,000			7,440			80			1,920			2,200			0		
STP FLEXIBLE			19,859			17,673			7,880			4,540			34,368			83,368		
CMAQ (Congestion Mitigation Air Quality)			980			838			685			521			345			156		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			800			0			200			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			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		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			11,691			7,100			900			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			1,920			2,062			2,215			2,379			2,555			2,744		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			4,300			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		40,345			48,871			91,944			90,063			139,591			189,295		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(800)			(4,300)			(200)			0			0		
LESS FTA TRANSFER FUNDS			(1,920)			(2,062)			(2,215)			(2,379)			(2,555)			(2,744)		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		38,425			46,009			85,429			87,484			137,036			186,551		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
HAWAII : STATE - FHWA																					
HS1. Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch <span>Modern</span>	CON											0	0	0	7,570	6,056	1,514				STP FLEXIBLE
	ADVCON														0	0	0				(defer/inflate. No ADVCON)
	Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																				
HS2. Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road <span>Enhance</span>	DES								0	0	0	260	208	52							STP FLEXIBLE (defer/inflate)
	Estimated Total Project Cost - \$2,000,000 -- Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.																				
HS3. Crater Rim Road (NPS) <span>SysPres</span>	CON		7,500	7,500	0																FED. LANDS HWY
	Estimated Total Project Cost - \$8,500,000 -- Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.																				
HS4. Guardrail and Shoulder Improvements, Various Locations <span>Safety</span>	DES											1,000	800	200							STP FLEXIBLE
	CON																	1,400	0	1,400	
	Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																				
HS5. Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge <span>SysPres</span>	CON		0	0	0	35,000	28,000	7,000													BRIDGE ON/OFF SYSTEM (defer to 12. changed fund cat, incr est)
	ADVCON					0	0	0	0	0	0										
	Estimated Total Project Cost - \$36,600,000 -- Rehabilitate existing bridge.																				
HS6. Hawaii Belt Road (Route 19), Bridge Replacement, Pahoeohoe Stream Bridge <span>SysPres</span>	DES					775	620	155				1,090	872	218							BRIDGE ON/OFF SYSTEM (changed fund cat)
	ROW																				
	CON														0	0	0				(defer CON)
	ADVCON																	0	0	0	
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																					
HS40. Hawaii Belt Road (Route 19), Drainage Improvements <span>Safety</span>	CON		4,000	3,200	800																BRIDGE ON/OFF SYSTEM (NEW PROJECT)
	Estimated Total Project Cost - \$4,400,000 -- 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.																				
HS7. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge <span>Safety</span>	CON					1,575	1,260	315													NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.																					
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <span>Safety</span>	CON								1,400	1,120	280										NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge <span>Safety</span>	CON		1,514	1,211	303																NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaumoali Bridge.																					
HS11. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge <span>Safety</span>	CON														0	0	0	1,500	1,200	300	NHS
	ADVCON																	0	0	0	(defer/inflate. No ADVCON)
	Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																				
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge <span>Safety</span>	DES					112	90	22													NHS
	CON											0	0	0	1,660	1,328	332				(defer/inflate. No ADVCON)
	ADVCON														0	0	0				
Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																					
HS13. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoeohoe Gulch) <span>Safety</span>	CON		0	0	0				17,305	13,844	3,461										NHS (defer/inflate)
	ADVCON					0	0	0	0	0	0										(No Adv CON)
Estimated Total Project Cost - \$19,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoeohoe Gulch.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
HS14. <span>Safety</span>	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch)	DES				600	480	120													NHS
	Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.																				
HS38. <span>Safety</span>	Hawaii Belt Road (Route 130) Safety Improvements at Kaawalii Gulch	CON	310	279	31																HSIP
	Estimated Total Project Cost - \$400,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage.																				
HS16. <span>SysPres</span>	Hilo Bayfront Highway (Route 19), Shoreline Protection	CON										0	0	0	3,500	2,800	700				STP FLEXIBLE
		ADVCON													0	0	0				(defer/inflate, no ADVCON)
	Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																				
HS18. <span>Modern</span>	Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles)	DES	3,000	2,400	600																NHS
		PREROW							100	80	20										
	Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.																				
HS19. <span>SysPres</span>	Kawaihae Road (Route 19), Waiakea Stream Bridge Replacement and Realignment of Approaches	DES	0	0	0	1,144	915	229													BRIDGE ON/OFF SYSTEM (changed fund cat)
		PREROW				50	40	10													(defer/inflate)
		ROW							0	0	0	2,080	1,664	416							
		CON										0	0	0	10,400	8,320	2,080				(defer/inflate. No ADVCON)
		ADVCON													0	0	0				
	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																				
HS20. <span>Modern</span>	Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa	DES				3,000	2,400	600													STP FLEXIBLE
		PREROW							100	80	20										
		ROW										1,800	1,440	360							
	Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																				
HS39. <span>Safety</span>	Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road	CON				2,000	1,800	200													HSIP
	Estimated Total Project Cost - \$2,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.																				
HS22. <span>Safety</span>	Keaau-Pahoa Road (Route 130), Intersection Improvements at Paradise Drive, Orchidland Drive, and Ainaloa Blvd	CON	2,500	2,250	250																HSIP
	Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.																				
HS41. <span>Modern</span>	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion	CON	20,700	16,560	4,140																STP FLEXIBLE
	Phase 1: Keaau Bypass to Shower Drive	CON	1,750	1,400	350																HSIP
	Phase 2: Shower Drive Intersection Improvements	CON				2,000	1,600	400													STP FLEXIBLE
	Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.																				
HS24. <span>Modern</span>	Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	DES							0	0	0	790	632	158							STP FLEXIBLE (defer/inflate)
		PREROW										50	40	10							
		ROW													1,080	864	216				
	Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																				
HS25. <span>Enhance</span>	Kuakini Highway (Route 11) Bicycle Improvements, King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										520	416	104							STP FLEXIBLE
	Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
HS26. Kuakini Highway (Route 11) Widening, Modern Henry Street (Rte 1830) to Kamehameha III Road (Rte 185), Phase 1		DES																0	0	0	STP FLEXIBLE (defer DES)
		Estimated Total Project Cost - \$27,000,000 -- Widen Kuakini Highway from two to four lanes with culverts, traffic signals and utilities. Improve shoulders to accommodate pedestrian and bicycle traffic.																			
HS28. Kumau Street Improvements, Hilo (Harbors Division) Modern		CON										0	0	0				2,700	2,160	540	STP FLEXIBLE (defer/inflate. No ADVCON)
		ADVCON													0	0	0				
		Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalanianaʻole Ave																			
HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement SysPres		DES										0	0	0	810	648	162				BRIDGE ON/OFF SYSTEM (changed fund cat)
		ROW																0	0	0	(defer/inflate DES. Defer ROW)
		Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																			
HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa Safety		CON	0	0	0				5,841	4,673	1,168										STP FLEXIBLE (defer/inflate)
		Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway																			
HS31. National Recreational Trails Program - Hawaii (DLNR) Enhance		CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
		Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																			
HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1) Modern Komohana St (Rte 1940), Phase I - Komohana to Kawili (Rte 2770)		PREROW							50	40	10										STP FLEXIBLE (changed project title)
		ROW										1,000	800	200							EARMARK-HIGH PRIORITY (HI025)
		ROW										5,100	4,080	1,020							STP FLEXIBLE
Estimated Total Project Cost - \$28,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1) Modern Komohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kilauea (Rte-1920) Kanoelehua Ave (Rte 11)		DES										1,600	1,280	320							STP FLEXIBLE (changed project title)
		PREROW													50	40	10				(revised project limits)
Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19) Congest		ROW	156	140	16																HSIP
		CON				1,100	990	110													
		Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																			
HS35. Queen Kaahumanu Highway (Route 19) Widening Modern Keahole Airport to Kawaihae Harbor		PLN							0	0	0							4,870	3,896	974	NHS (defer/inflate)
		Estimated Total Project Cost - \$150,000,000 (needs to be phased) -- Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.																			
HS36. Saddle Road Extension Modern		DES										9,000	7,200	1,800							STP FLEXIBLE (defer PreROW)
		PREROW																0	0	0	
		Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignmt and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																			
HS37. SADDLE ROAD (Route 200) IMPROVEMENTS Modern Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11		ROW	4,000	4,000	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE
		CON							50,000	50,000	0										
		Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy																			
Phase 1 Phase 2 Phase 3 Phase 4		ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE (add ROW to West Side)
		CON				20,000	20,000	0													
		CON							20,000	20,000	0										
		CON										20,000	20,000	0							
		CON													15,000	15,000	0				
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HAWAII : STATE - FHWA TOTAL			46,004	39,439	6,565	67,730	58,494	9,236	95,170	90,136	5,034	44,664	39,731	4,933	40,444	35,355	5,089	10,844	7,555	3,289	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)		
COUNTY OF HAWAII - FHWA																						
HC1.	Alii Drive (Route 186) Culvert Replacement	CON				0	0	0	10,400	8,320	2,080										STP FLEXIBLE (defer/inflate)	
SysPres	Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																					
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187) Phase 1	DES	50	40	10																STP ENHANCEMENT	
Enhance		ROW				500	400	100														
		CON													5,600	4,480	1,120					
	Phase 2	DES							50	40	10											
		CON																5,400	4,320	1,080		
		Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																				
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1 - Part 1	PLN	500	400	100																STP FLEXIBLE (defer/inflate CON) (add PLN/DES)	
Modern		DES	500	400	100																	
		CON	0	0	0	2,080	1,664	416														
		Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.																				
HC5.	Bridge Inspection and Appraisal	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM	
SysPres	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																					
HC6.	Kaahakini Bridge Rehabilitation	CON	0	0	0	2,080	1,664	416													BRIDGE OFF-SYSTEM (defer/inflate)	
SysPres	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures																					
HC7.	Kaiminani (Route 198) Roadway Improvements	DES	10	8	2																STP FLEXIBLE (reduce limits) (new/incr estimate)	
SysPres	Mamalahoa Highway (Route 190) to Vicinity of Ahiahi Street	CON	8,500	6,800	1,700																	
		Estimated Total Project Cost - \$9,400,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvement																				
HC8.	Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street	DES	0	0	0				0	0	0	9,620	7,696	1,924							STP FLEXIBLE (del DES prev oblig) (defer/inflate)	
SysPres		CON																				
		Estimated Total Project Cost - \$10,200,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																				
HC9.	Kawailani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements Phase 2	DES	10	8	2							0	0	0	17,470	13,976	3,494				STP FLEXIBLE (defer/inflate)	
Congest		CON																				
		Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawailani/Iwalani and Kawailani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvemen.																				
HC10.	Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway	DES	0	0	0				0	0	0	7,280	5,824	1,456							STP FLEXIBLE (del DES prev oblig) (defer/inflate)	
Modern		CON																				
		Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																				
HC11.	Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	PLN	10	8	2																STP FLEXIBLE	
Modern		DES				10	8	2														
		ROW													1,080	864	216					
		Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																				
HC15.	Manono Street (Route 2770) Roadway Improvements	DES	50	40	10																STP FLEXIBLE (NEW PROJECT)	
SysPres	Lanikaula Steet to Kekuanaoa Street	ROW	500	400	100																	
		Estimated Total Project Cost - \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																				
HC12.	Reed's Island Bridge Rehabilitation	CON	5,000	4,000	1,000																BRIDGE OFF-SYSTEM	
SysPres	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			15,230	12,184	3,046	4,770	3,816	954	10,550	8,440	2,110	17,000	13,600	3,400	24,250	19,400	4,850	5,500	4,400	1,100		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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>COUNTY OF HAWAII - FTA</b>																				
HC13. <span>Transit</span> Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.</i>																				
HC14. <span>Transit</span> Rural Transportation Program	EQP/OPR	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
<i>Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.</i>																				
HC16. <span>Transit</span> State of Good Repair	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR) (NEW PROJECT)
	EQP/OPR				1,250	1,000	250													
<i>Estimated Total Project Cost - \$6,250,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</i>																				
<b>HAWAII : COUNTY OF HAWAII - FTA TOTAL</b>		<b>1,663</b>	<b>1,330</b>	<b>333</b>	<b>7,963</b>	<b>6,370</b>	<b>1,593</b>	<b>1,763</b>	<b>1,410</b>	<b>353</b>	<b>1,813</b>	<b>1,450</b>	<b>363</b>	<b>1,863</b>	<b>1,490</b>	<b>373</b>	<b>1,913</b>	<b>1,530</b>	<b>383</b>	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :**REVISION #2 D R A F T**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)				0			0			0			0			0			0	
NHS (National Highway System)				3,611			1,830			15,044			0			1,328			5,096	
BRIDGE OFF-SYSTEM				4,080			1,744			80			80			80			80	
BRIDGE ON/OFF SYSTEM changed fund cat				3,200			29,575			0			2,536			8,968			0	
STP ENHANCEMENT				40			400			40			0			4,480			4,320	
STP FLEXIBLE				28,424			4,008			13,113			29,616			24,600			2,160	
CMAQ (Congestion Mitigation Air Quality)				0			0			0			0			0			0	
EQUITY BONUS				0			0			0			0			0			0	
DEFENSE ACCESS ROAD FUNDS				0			0			0			0			0			0	
PUBLIC LANDS DISCRETIONARY				0			0			0			0			0			0	
NATIONAL RECREATIONAL TRAILS				299			299			299			299			299			299	
EARMARK - HIGH PRIORITY				0			20,000			70,000			20,800			15,000			0	
EARMARK - TRANSPORTATION IMPROVEMENT				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				7,500			0			0			0			0			0	
SECTION 1404 - (Safe Routes to School)				0			0			0			0			0			0	
HSIP- Highway Safety Improvement Program				4,069			2,790			0			0			0			0	
NRCS - National Resources Conservation Service				0			0			0			0			0			0	
				0			0			0			0			0			0	
H-3 DISCRETIONARY				0			0			0			0			0			0	
FTA TRANSFER FUNDS				0			0			0			0			0			0	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)				0			0			0			0			0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD				0			0			0			0			0			0	
SUBTOTAL				51,223			60,646			98,576			53,331			54,755			11,955	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS				(7,500)			(20,000)			(70,000)			(20,800)			(15,000)			0	
LESS FTA TRANSFER FUNDS				0			0			0			0			0			0	
				0			0			0			0			0			0	
REGULAR FORMULA AUTHORITY		TOTAL		43,723			40,646			28,576			32,531			39,755			11,955	



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
<u>MAUI : STATE - FHWA</u>																					
MS1.	Guardrail and Shoulder Improvement Program at Various Locations, Maui																				STP FLEXIBLE
<span>Safety</span>	Part 1	CON							1,400	1,120	280										
	Part 2	CON													1,000	800	200				
<i>Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS2.	Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	CON	312	250	62																STP ENHANCEMENT
<span>Enhance</span>	<i>Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.</i>																				
MS3.	Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON				1,066	853	213													STP ENHANCEMENT
<span>Enhance</span>	Dairy Road (Route 380) to Naniloa Overpass																				
<i>Estimated Total Project Cost - \$1,200,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.</i>																					
MS4.	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	ROW	0	0	0	110	88	22													NHS
<span>Modern</span>		CON										0	0	0				6,760	5,408	1,352	(defer/inflate, no ADVCON)
		ADVCON													0	0	0				
<i>Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.</i>																					
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW	0	0	0	777	622	155													BRIDGE ON/OFF SYSTEM (changed fund cat; defer/inflate, no ADVCON)
<span>SysPres</span>		CON										0	0	0				5,400	4,320	1,080	
		ADVCON													0	0	0				
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay</i>																					
MS7.	Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	DES										2,000	1,600	400							NHS
<span>Modern</span>																					
<i>Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.</i>																					
MS30.	Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	CON	0	0	0	218	196	22													HSIP (defer/inflate)
<span>Safety</span>																					
<i>Estimated Total Project Cost - \$250,000 -- Install flashing beacon on Honoapiilani Hwy as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.</i>																					
MS8.	Honoapiilani Highway (Route 30) Safety Improvements, Vicinity of Kapoli Street to Ukumehameha Beach Park Road	CON				2,920	2,628	292													HSIP
<span>Safety</span>																					
<i>Estimated Total Project Cost - \$3,300,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.</i>																					
MS31.	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	CON	0	0	0	2,163	1,730	433													NHS (defer/inflate)
<span>SysPres</span>																					
<i>Estimated Total Project Cost - \$2,600,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point</i>																					
MS34.	Honoapiilani Highway (Route 30), Shoreline Protection at Launiupoko	CON				3,000	2,400	600													NHS (NEW PROJECT)
<span>SysPres</span>																					
<i>Estimated Total Project Cost - \$4,200,000 -- Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders</i>																					
MS9.	Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES	500	400	100																NHS
<span>Modern</span>		PREROW							50	40	10										
<i>Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.</i>																					
MS10.	Honoapiilani Highway (Route 30) Widening, Maalaea to Launiupoko	DES																0	0	0	NHS
<span>Modern</span>		PREROW																0	0	0	(defer DES and PreROW)
<i>Estimated Total Project Cost - \$45,000,000 -- Impvts to Honoapiilani Hwy betwn Maalaea &amp; Launiupoko to address high ocean surges crossing portions of the hwy, traffic accidents &amp; fire hazards. Imprvts may involve widening portions of the existing hwy and/or constructing a new hwy along a different alignment. Pln ph. to determine the scope of the imprvts is underway.</i>																					
MS11.	Kahului Airport Access Road (Route 3800)	ROW	400	320	80																EARMARK - HIGH PRIORITY (HI028)
<span>Modern</span>		CON				25,000	11,000	14,000	0	0	0										NHS
		ADVCON							0	9,000	(9,000)	0	0	0	0	0	0				(new cost est. Advance to 2012)
<i>Estimated Total Project Cost - \$33,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.</i>																					
MS32.	Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420)	CON	0	0	0	541	487	54													HSIP (defer/inflate)
<span>Safety</span>																					
<i>Estimated Total Project Cost - \$750,000 -- Improve lighting along Kahului Beach Road and Kanaloa Avenue.</i>																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
MS12. Kahului Beach Road (Route 3400), Shoreline Protection SysPres Kahului Bay (#1)	CON				4,325	3,460	865													STP FLEXIBLE
Estimated Total Project Cost - \$5,000,000 -- 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.																				
MS14. National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
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																				
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres Vicinity of Kealia Pond (#6)	CON							0	0	0				5,700	4,560	1,140				STP FLEXIBLE
	ADVCON										0	0	0	0	0	0				(defer/inflate). No ADVCON)
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf																				
MS16. Paia Bypass Road (Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES							3,245	2,596	649										STP FLEXIBLE
	PREROW										100	80	20				0	0	0	(defer ROW)
	ROW																			
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																				
MS35. Piilani Highway, Traffic Operational Improvements Modern at Ohukai Road	CON	1,400	1,120	280																NHS (NEW PROJECT)
Estimated Total Project Cost - \$2,000,000 -- Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rearranging the traffic signals.																				
MS17. Puunene Avenue (Route 3500) Bicycle Improvements, Enhance Kaahumanu Avenue (Route 32) to Kuihelani Highway (Route 380)	CON				0	0	0													STP FLEXIBLE
Estimated Total Project Cost - \$2,000,000 -- Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii.																				
MS33. Puunene Avenue (Route 3500) Safety Improvements, Safety Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	CON	0	0	0																HSIP
Estimated Total Project Cost - \$600,000 -- Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.																				
MS18. Puunene Ave. (Rte 3500) Widening, Kamehameha Kaahumanu Modern (Route 32) Ave. to Kuihelani Highway (Route 380)	PREROW	30	24	6																STP FLEXIBLE
	ROW										150	120	30							
	CON										0	0	0	6,300	5,040	1,260				STP FLEXIBLE
	CON													600	480	120				HSIP
	ADVCON													0	0	0				(Defer/inflate. Add scope from MS 17 and MS33. no ADVCON)
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue. Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii																				
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation SysPres Iao Stream Bridge	CON	0	0	0	6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate)
Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
MOLOKAI																					
MS20. Safety	Guardrail and Shoulder Improvements Program at Various Locations, Molokai																			STP FLEXIBLE	
	Part 1	CON	750	600	150																
	Part 2	CON						750	600	150											
	Part 3	CON											750	600	150						
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																					
MS21. SysPres	Kamehameha V Highway (Route 450), Bridge Rehabilitation Kaimiloloa Stream Bridge	DES															0	0	0	BRIDGE ON/OFF SYSTEM (changed fund cat) (defer DES)	
Estimated Total Project Cost - \$6,000,000 -- Rehabilitation of the existing bridge to meet current bridge standards.																					
MS22. SysPres	Kamehameha V Highway (Route 450), Bridge Replacement Makakupaia Stream Bridge	CON				0	0	0					4,293	3,435	858					BRIDGE ON/OFF SYSTEM (changed fund cat, defer/inflate)	
Estimated Total Project Cost - \$5,000,000 -- Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94, Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.																					
MS23. SysPres	Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	CON											1,400	1,120	280					STP FLEXIBLE	
Estimated Total Project Cost - \$2,000,000 -- Construct a revetment for the reconstruction and protection of the highway shoulder.																					
MAUI : STATE - FHWA TOTAL			3,841	3,073	768	47,329	29,231	18,098	5,894	13,715	(7,821)	2,699	2,159	540	20,492	16,394	4,098	12,609	10,087	2,522	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
MAUI : STATE - FTA																					
MS24. Lahaina Small Boat Harbor and Ferry Pier <span>Transit</span>	DES	1,350	1,080	270																	
	CON	0	0	0	9,375	7,500	1,875														
	Estimated Total Project Cost - \$5,000,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.																				
MS25. Improvements at Maalaea Small Boat Harbor, Ferry System Improvements <span>Transit</span>	CON	500	400	100																	
	Estimated Total Project Cost - \$12,000,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.																				
	DES	0	0	0																	
MS26. Maalaea Small Boat Harbor Improvements <span>Transit</span>	CON				0	0	0														
	Estimated Total Project Cost - \$12,000,000 -- Planning for improvements to the South Mole to accommodate the increased need to facilitate ferry passenger drop off and loading due to limited existing parking.																				
	MOLOKAI																				
MS27. Kaunakakai Harbor Ferry System Improvements <span>Transit</span>	CON	500	400	100																	
	Estimated Total Project Cost - \$2,000,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.																				
	LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier <span>Transit</span>	DES	1,000	800	200																	
	CON	5,000	4,000	1,000	0	0	0														
	Estimated Total Project Cost - \$15,000,000 -- New ferry pier, loading dock and related improvements.																				
MAUI : STATE - FTA TOTAL			8,350	6,680	1,670	9,375	7,500	1,875	0	0	0	0	0	0	0	0	0	0	0		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
COUNTY OF MAUI - FHWA																					
MC3.	Bridge Inspection and Appraisal	PLN	300	240	60				300	240	60				300	240	60				BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA.																				
MC4.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420																STP FLEXIBLE
SysPres	Haleakala Highway to Baldwin Avenue	CON	500	450	50																HSIP-HRRR (add safety scope)
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Maliimaile Road. Safety improvements could include milled centerline and rumble strips																					
MC5.	Hansen Road Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres	Hana Highway to Puunene Avenue	ROW				200	0	200							3,536	2,496	1,040				LOCAL
		CON																			STP FLEXIBLE
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																					
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction,	DES				200	0	200													LOCAL
SysPres	Wakea Avenue to Ani Street	CON													1,040	832	208				STP FLEXIBLE
Estimated Total Project Cost - \$1,300,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles.																					
MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON				4,100	2,800	1,300													BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8.	Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800																STP FLEXIBLE
SysPres	Mokuhau Road North Market Street to Waiehu Beach Road																				(revised project limits)
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																					
MC38.	Kaholopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840																BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC9.	Kamehameha Avenue (Route 3940) Pavement Reconstruction,	DES				500	0	500													LOCAL
SysPres	Vicinity of Puunene Avenue to Hina Avenue	CON													3,120	2,496	624				STP FLEXIBLE
Estimated Total Project Cost - \$3,700,000 -- Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																					
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250													LOCAL
Congest		CON							1,250	1,000	250										STP FLEXIBLE
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																					
MC11.	Kaupakalua Road (Route 365) Resurfacing,	CON				3,950	3,160	790													STP FLEXIBLE
SysPres	Hana Highway to Makawao Avenue																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.																					
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	DES				100	0	100													LOCAL
SysPres		CON							5,720	4,160	1,560										BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,000,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC14.	Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100)	DES	500	0	500																LOCAL
SysPres		ROW	200	0	200																LOCAL
		CON										4,160	2,912	1,248							BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 TOTAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) FEDERAL (x\$1000)	FFY2011 (Oct 1, 10 - Sep 30, 11) LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) FEDERAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) FEDERAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) FEDERAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) FEDERAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) FEDERAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) LOCAL (x\$1000)	FUND CATEGORY & REMARKS
MC39. Lahaina Watershed Flood Control Project, Phase 2 SysPres	CON	3,968	3,968	0																EARMARK (Section 117)
	CON	2,032	2,032	0																NRCS
	Estimated Total Project Cost - \$6,600,000 -- Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean.																			
MC15. Lelekea Bridge Replacement (Hana Highway - Route 360) SysPres	DES				500	0	500							3,744	2,496	1,248				LOCAL BRIDGE OFF-SYSTEM
	CON																			
	Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																			
MC17. Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910) Congest	CON				2,400	1,920	480													STP FLEXIBLE
	Estimated Total Project Cost - \$2,700,000 -- Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.																			
MC18. Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road SysPres	ROW				1,000	0	1,000													LOCAL STP FLEXIBLE
	CON							9,900	6,900	3,000										
	Estimated Total Project Cost - \$12,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																			
MC21. Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School SysPres	CON	2,000	1,600	400																STP FLEXIBLE
	Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																			
MC22. Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School SysPres	ROW	1,000	0	1,000																LOCAL STP FLEXIBLE
	CON										11,960	8,320	3,640							
	Estimated Total Project Cost - \$15,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																			
MC25. Mill Street (Route 3840) Traffic Signal at Imi Kala Street Congest	DES							200	0	200										LOCAL LOCAL STP FLEXIBLE
	ROW										500	0	500				730	584	146	
	CON																			
MC27. Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930) Congest																				
	DES				200	0	200													LOCAL STP FLEXIBLE
	CON													860	688	172				
MC28. Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street SysPres																				
	DES				200	0	200													LOCAL STP FLEXIBLE
	CON				500	400	100													
MC31. Waiale Road (Route 3180) Traffic Signals at Waiinu Road Congest																				
	DES				150	0	150													LOCAL STP FLEXIBLE
	CON													780	624	156				
MC32. Waiko Road Improvements, Kuihelani Highway to Waiale Road SysPres																				
	DES				500	0	500													LOCAL STP FLEXIBLE
	CON										3,640	2,500	1,140							
MC33. Waiohonu Bridge Replacement (Hana Highway - Route 360) SysPres																				
	DES	50	0	50																LOCAL BRIDGE OFF-SYSTEM
	CON	4,100	2,800	1,300																
MC34. Waipuilani Bikepath Enhance																				
	DES	300	0	300																STP ENHANCEMENT STP ENHANCEMENT
	CON													1,600	1,280	320				
MC35. Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930) Congest																				
	DES				200	0	200													LOCAL STP FLEXIBLE
	CON										728	582	146							
Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL		25,250	19,330	5,920	15,450	8,280	7,170	17,370	12,300	5,070	20,988	14,314	6,674	14,980	11,152	3,828	730	584	146	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
COUNTY OF MAUI - FTA																				
MC36. Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
Transit																				
Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
MC37. Rural Transportation Program	OPR	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	969	775	194	FTA SECTION 5311
Transit																				
Estimated Total Project Cost - \$5,440,000 -- Operate public transit system.																				
MC40. Bus and Bus Facility	EQP	1,842	1,473	369																FTA SECTION 5309 (Rural Bus Prgm)
Transit	CON	375	300	75																(NEW project)
Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.																				
MAUI : COUNTY OF MAUI - FTA TOTAL		3,880	3,103	777	1,713	1,370	343	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - MAUI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			1,520			15,218			9,040			1,600			0			5,408		
BRIDGE OFF-SYSTEM			6,400			2,800			4,400			2,912			2,736			0		
BRIDGE ON/OFF SYSTEM changed fund cat			0			6,030			0			0			3,435			4,320		
STP ENHANCEMENT			250			853			0			0			1,280			0		
STP FLEXIBLE			7,104			8,940			12,216			11,602			19,256			584		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
EARMARK - HIGH PRIORITY			320			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			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			3,968			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			450			3,311			0			0			0			0		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		22,403			37,511			26,015			16,473			27,066			10,671		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,320)			0			0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		16,083			37,511			26,015			16,473			27,066			10,671		



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
KAUAI : STATE - FHWA																					
KS1. Safety	Guardrail and Shoulder Improvements on State Highways, Kauai Part 1	DES	100	80	20																STP FLEXIBLE
		CON				1,000	800	200													
	Part 2	DES							100	80	20										
		CON										1,000	800	200							
	Part 3	DES													100	80	20				
		CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																					
KS2. SysPres	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	DES				757	606	151													BRIDGE ON/OFF SYSTEM (changed fund cat)
		PREROW							110	88	22										
		ROW										787	630	157							
		CON													0	0	0				
		ADVCON																0	0	0	
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.																					
KS4. SysPres	Kaumualii Highway (Route 50), Bridge Rehabilitation Bridge No. 7E	DES										530	424	106							BRIDGE ON/OFF SYSTEM (changed fund cat)
		ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																					
KS5. SysPres	Kaumualii Highway (Route 50), Bridge Rehabilitation Omao Bridge	ROW				100	80	20													BRIDGE ON/OFF SYSTEM (changed fund cat) (defer/inflate. No ADVCON)
		CON										0	0	0	7,350	5,880	1,470				
		ADVCON													0	0	0				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																					
KS6. Modern	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Phase IB	CON										0	0	0				18,400	14,720	3,680	STP FLEXIBLE (defer/inflate. No ADVCON)
		ADVCON													0	0	0				
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																					
KS9. Safety	Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout	CON				3,600	3,240	360													HSIP
Estimated Total Project Cost - \$4,000,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																					
KS11. SysPres	Kuhio Highway (Route 56), Bridge Replacement Kapaia Bridge	ROW				730	584	146													BRIDGE ON/OFF SYSTEM (changed fund cat) (No ADVCON, adjust federal portion)
		CON				9,360	7,488	1,872													
		ADVCON							0	0	0										
Estimated Total Project Cost - \$11,100,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
KS13. Kuhio Highway (Route 560), Bridge Replacements SysPresWaioli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM (changed fund cat)
	PREROW				112	90	22													
	ROW							562	450	112										
	CON										0	0	0	8,500	6,800	1,700				
	ADVCON													0	0	0	0	0	0	
Estimated Total Project Cost - \$11,000,000 -- Replace existing bridges.																				
KS16. Kuhio Highway (Route 56) Improvements, ModernHanamaulu to Kapaa, Phase I	DES							0	0	0	2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) (defer all phases one year)
	DES							0	0	0	5,000	4,000	1,000							
	PREROW										0	0	0	100	80	20				
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																				
KS17. Kuhio Highway (Route 560) Safety Improvements SafetyHanalei Bridge to Waikoko Bridge	CON	0	0	0	1,500	1,350	150													HSIP - HRRR (defer/inflate)
Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement arklings and signing.																				
KS19. Kuhio Highway (Route 56) Intersection Improvements at Leho Drive (N) Congest	DES	0	0	0																HSIP (DES already obligated in FY10)
	CON				400	360	40													
Estimated Total Project Cost - \$450,000 -- Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational effecency.																				
KS20. Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements Safetyand Kapaa Stream Bridge Rehabilitation	DES							1,040	832	208										BRIDGE-ON SYSTEM
	ROW										0	0	0	520	416	104				
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna 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.																				
KS21. Kuhio Highway (Route 560), Shoreline Protection, SysPresVicinity of Hanalei Bay	CON													0	0	0				STP FLEXIBLE (defer CON)
	ADVCON																0	0	0	
Estimated Total Project Cost - \$3,000,000 -- Construct revetment to protect about 1,600 feet of highway on the extreme west side of Hanalei Bay that is subject to seasonal wave attack.																				
KS22. Maalo Road (RTE 583), Guardrail and Shoulder Improvements SafetyMP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																				
KS23. National Recreational Trails Program - Kauai (DLNR) Enhance	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.																				
KS24. Puhi-Hanamaulu, Alternate Route Modern	PLN										0	0	0				4,325	3,460	865	STP FLEXIBLE (defer/inflate)
Estimated Total Project Cost - \$90,000,000 -- Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu.																				
KAUAI : STATE - FHWA TOTAL		1,496	1,197	299	19,842	16,424	3,418	2,126	1,701	425	9,631	7,705	1,926	16,949	13,559	3,390	24,039	19,231	4,808	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
COUNTY OF KAUAI - FHWA																					
KC1. Enhance	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES	0	0	0	1,040	1,040	0													STP ENHANCEMENT (defer/inflate) (changed from ROW to CON)
		CON										7,280	7,280	0							
	Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																				
KC2. SysPres	Bridge Inspection and Appraisal	PLN/DES	125	100	25				125	100	25										BRIDGE OFF-SYSTEM
		Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.																			
KC3. SysPres	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement	DES	75	60	15																BRIDGE OFF-SYSTEM (Project no longer proceeding as DES/Build)
		CON	500	400	100																
	Estimated Total Project Cost - \$575,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavemen																				
KC4. Safety	Hardy Street (Route 572) Improvements	DES/CON	0	0	0	4,680	3,744	936													STP FLEXIBLE (defer/inflate)
		Estimated Total Project Cost - \$4,680,000 -- Safety imprvmts including reconstr. of widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 m																			
KC5. SysPres	Kamalu Bridge (Route 581) Erosion Protection Repairs	CON	300	240	60																BRIDGE OFF-SYSTEM
		Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																			
KC6. SysPres	Kamalu Road (Route 581) Bridge Replacement	PLN										200	160	40							BRIDGE OFF-SYSTEM
		DES													400	320	80				
	Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																				
KC7. SysPres	Kapahi Bridge Replacement	CON				5,000	4,000	1,000													BRIDGE OFF-SYSTEM
		Estimated Total Project Cost - \$5,500,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																			
KC19. Modern	Kauai County Multi-Modal Transportation Plan	PLN	0	0	0																EARMARK (SECTION 117) (DELETE. already oblig in 2009)
		Estimated Total Project Cost - \$400,000 -- A multi-modal land transportation plan for Kauai that considers the communities land transportation needs & priorities in a comprehensive approach that includes transit, bicycle, pedestrian, vehicle & freight modes of transportation. The regional land transportation network to be considered includes the County & State systems.																			
KC20. Safety	Koloea Road Safety Guardrail and Safety Improvements	DES	150	135	15																HRRR (High Risk Rural Road) (NEW PROJECT)
		Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloea Road (9,000 linear feet).																			
KC8. Enhance	Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	DES										300	300	0							STP ENHANCEMENT
	Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.																				
KC9. Enhance	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				STP ENHANCEMENT
	Phase B	CON	6,700	6,700	0	0	0	0													(Advance CON, Project is ready)
	Phase C	PLN	20	20	0																
		DES	100	100	0																
		ROW	250	250	0																
		CON							1,560	1,560	0										
		Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihl Rds. Ph C - starts at the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the N side of Waipouli Canal at Kuhio Hwy.																			
KC18. Modern	Maluhia Road (Route 520) Improvements	PLN	0	0	0																STP FLEXIBLE
		DES							0	0	0										(Delete PLN & DES funds already oblig)
		ROW													80	64	16				
		CON																7,650	6,120	1,530	
	Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaumuali Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: <span>GREEN</span> = SYSTEM PRESERVATION <span>PURPLE</span> = SAFETY IMPROVEMENTS <span>BROWN</span> = CONGESTION MITIGATION <span>PINK</span> = MODERNIZATION <span>ORANGE</span> = ENHANCEMENT <span>BLUE</span> = HUMAN SERVICES TRANSPORTATION PROGRAM <span>TURQUOISE</span> = TRANSIT																					
PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
KC10. <span>Enhance</span> Nawiiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A																					STP ENHANCEMENT
		DES	0	0	0	780	780	0													(defer and inflate) (Add ROW)
		ROW				200	200	0													
		Phase B							1,000	1,000	0										
		DES																			
Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																					
KC11. <span>Modern</span> Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))		DES	2,000	1,600	400																STP FLEXIBLE
Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. 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 Kinoiki																					
KC13. <span>SysPres</span> Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)		CON				1,170	936	234													STP FLEXIBLE
Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.																					
KC14. <span>SysPres</span> Puuopae Bridge Replacement		DES							600	480	120										BRIDGE OFF-SYSTEM
		CON										5,000	4,000	1,000							
Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																					
KC15. <span>SysPres</span> Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary		DES	160	128	32																STP FLEXIBLE
Estimated Total Project Cost - \$1,200,000 -- 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.																					
KAUAI : COUNTY OF KAUAI - FHWA TOTAL			10,380	9,733	647	12,870	10,700	2,170	3,285	3,140	145	12,780	11,740	1,040	480	384	96	7,650	6,120	1,530	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
COUNTY OF KAUAI - FTA																					
KC16.	Bus and Bus Facility	EQP/OPR	819	655	164	844	675	169	869	695	174	894	715	179	919	735	184	944	755	189	FTA SECTION 5309 (Rural Bus Prgm)
Transit	Estimated Total Project Cost - \$5,300,000 -- Purchase buses and operate bus transit facilities.																				
KC17.	Rural Transportation Program	OPR	717	574	143	739	591	148	760	608	152	781	625	156	803	642	161	824	659	165	FTA SECTION 5311
Transit		EQP	127	101	26	130	104	26	134	107	27	138	110	28	141	113	28	145	116	29	FTA SECTION 5311
	Estimated Total Project Cost - \$5,400,000 -- Operate public transit system.																				
KC21.	State of Good Repair	EQP/OPR				1,157	925	232													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit	Estimated Total Project Cost - \$1,157,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				(NEW PROJECT)
KAUAI : COUNTY OF KAUAI - FTA TOTAL			1,663	1,330	333	2,870	2,295	575	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			0			0			0			0			80			0		
BRIDGE OFF-SYSTEM			800			4,000			580			4,160			320			0		
BRIDGE ON/OFF SYSTEM changed fund cat			0			10,423			1,370			1,054			13,148			0		
STP ENHANCEMENT			7,070			2,020			2,560			7,580			0			0		
STP FLEXIBLE			2,674			5,480			80			800			144			25,100		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			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		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			4,950			0			0			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			10,930			27,124			4,841			19,445			13,943			25,351		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	10,930			27,124			4,841			13,845			13,943			25,351		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FTA SUMMARY																				
STATEWIDE		1,716	1,453	263	1,771	1,499	272	1,824	1,545	279	1,881	1,593	288	1,938	1,641	297	1,998	1,692	306	
OAHU, STATE		319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C&C OF HONOLULU		553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867	
COUNTY OF HAWAII		1,663	1,330	333	7,963	6,370	1,593	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
MAUI, STATE		8,350	6,680	1,670	9,375	7,500	1,875	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTY OF MAUI		3,880	3,103	777	1,713	1,370	343	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
COUNTY OF KAUAI		1,663	1,330	333	2,870	2,295	575	1,763	1,410	353	1,813	1,450	363	1,863	1,490	373	1,913	1,530	383	
FTA TOTAL		571,083	134,349	436,734	816,066	255,146	560,920	1,229,888	315,086	914,801	1,113,192	315,394	797,798	847,663	260,426	587,237	562,459	272,136	290,322	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

Project Criteria Color Key: GREEN = SYSTEM PRESERVATIONPURPLE = SAFETY IMPROVEMENTSBROWN = CONGESTION MITIGATIONPINK = MODERNIZATIONORANGE = ENHANCEMENTBLUE = HUMAN SERVICES TRANSPORTATION PROGRAMTURQUOISE = TRANSIT																				
PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FHWA SUMMARY																				
STATEWIDE		119,935	65,684	54,251	57,310	15,024	42,286	58,560	15,944	42,616	54,131	12,481	41,650	57,307	14,942	42,365	54,889	13,087	41,802	
Oahu - State		41,274	25,216	16,058	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203	
City and County of Honolulu		39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532	
ISLAND OF OAHU		80,330	40,545	39,785	72,838	49,671	23,167	188,641	100,264	88,377	126,780	97,523	29,257	177,807	153,191	24,616	233,030	189,295	43,735	
Hawaii - State		46,004	39,439	6,565	67,730	58,494	9,236	95,170	90,136	5,034	44,664	39,731	4,933	40,444	35,355	5,089	10,844	7,555	3,289	
County of Hawaii		15,230	12,184	3,046	4,770	3,816	954	10,550	8,440	2,110	17,000	13,600	3,400	24,250	19,400	4,850	5,500	4,400	1,100	
ISLAND OF HAWAII		61,234	51,623	9,611	72,500	62,310	10,190	105,720	98,576	7,144	61,664	53,331	8,333	64,694	54,755	9,939	16,344	11,955	4,389	
Maui - State		3,841	3,073	768	47,329	29,231	18,098	5,894	13,715	(7,821)	2,699	2,159	540	20,492	16,394	4,098	12,609	10,087	2,522	
County of Maui		25,250	19,330	5,920	15,450	8,280	7,170	17,370	12,300	5,070	20,988	14,314	6,674	14,980	11,152	3,828	730	584	146	
ISLAND OF MAUI		29,091	22,403	6,688	62,779	37,511	25,268	23,264	26,015	(2,751)	23,687	16,473	7,214	35,472	27,546	7,926	13,339	10,671	2,668	
Kauai - State		1,496	1,197	299	19,842	16,424	3,418	2,126	1,701	425	9,631	7,705	1,926	16,949	13,559	3,390	24,039	19,231	4,808	
County of Kauai		10,380	9,733	647	12,870	10,700	2,170	3,285	3,140	145	12,780	11,740	1,040	480	384	96	7,650	6,120	1,530	
ISLAND OF KAUAI		11,876	10,930	946	32,712	27,124	5,588	5,411	4,841	570	22,411	19,445	2,966	17,429	13,943	3,486	31,689	25,351	6,338	
FHWA TOTAL		302,466	191,185	111,281	298,139	191,640	106,499	381,596	245,640	135,956	288,673	199,253	89,420	352,709	264,377	88,332	349,291	250,359	98,932	



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM :REVISION #2 D R A F T  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: May 31, 2011

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	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			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)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)				5,760			1,520			3,410			10,316			33,865			49,525	
NHS (National Highway System)				26,595			21,134			88,514			65,880			36,831			17,483	
BRIDGE OFF-SYSTEM				12,000			9,744			5,860			9,152			3,936			1,360	
BRIDGE ON/OFF SYSTEM changed fund cat				6,380			49,702			4,527			8,710			57,699			51,676	
STP ENHANCEMENT				9,360			10,713			2,680			9,500			7,960			4,320	
STP FLEXIBLE				100,351			44,099			40,943			50,349			85,020			115,609	
CMAQ (Congestion Mitigation Air Quality)				1,170			1,028			875			711			535			346	
EQUITY BONUS				0			0			0			0			0			0	
DEFENSE ACCESS ROAD FUNDS				0			0			0			0			0			0	
PUBLIC LANDS DISCRETIONARY				5,000			5,000			5,000			5,000			5,000			5,000	
NATIONAL RECREATIONAL TRAILS				1,196			1,196			1,196			1,196			1,196			1,196	
EARMARK - HIGH PRIORITY				320			21,600			70,000			26,600			15,000			0	
EARMARK - TRANSPORTATION IMPROVEMENT				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				3,968			0			0			0			0			0	
FLHD - Federal Lands Highway Discretionary				7,500			0			0			0			0			0	
SECTION 1404 - (Safe Routes to School)				300			700			300			700			300			700	
HSIP- Highway Safety Improvement Program				7,133			23,142			7,500			1,300			880			400	
NRCS - National Resources Conservation Service				2,032			0			0			0			0			0	
				0			0			0			0			0			0	
H-3 DISCRETIONARY				0			0			0			0			0			0	
FTA TRANSFER FUNDS				1,920			2,062			2,215			2,379			2,555			2,744	
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)				0			0			4,300			0			0			0	
FERRY BOAT DISCRETIONARY / ARRA FBD				0			0			0			0			0			0	
SUBTOTAL				190,985			191,640			237,320			191,793			250,777			250,359	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS				(18,820)			(26,600)			(79,300)			(31,600)			(20,000)			(5,000)	
LESS FTA TRANSFER FUNDS				(1,920)			(2,062)			(2,215)			(2,379)			(2,555)			(2,744)	
				0			0			0			0			0			0	
REGULAR FORMULA AUTHORITY				170,245			162,978			155,805			157,814			228,222			242,615	