

**AMENDMENT #9
TO THE
OAHU TRANSPORTATION IMPROVEMENT PROGRAM
FY 2006 THRU FY 2008**

This amendment consists of administrative actions that require the OahuMPO Policy Committee approval.

The administrative actions below result in reducing the sum of federal funds programmed in the flexible funding categories (i.e., STP Flexible, CMAQ, and Minimum Guarantee) for Oahu. This amendment requires approval by the OahuMPO Policy Committee, but does not require prior review by the OahuMPO Technical Advisory Committee or solicitation of public comment (*TIP Chapter V - Administration of the TIP, Section B - Expedited Approval of Certain Administrative Actions*).

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			FUNDING CATEGORY
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
S74 Castle Hills Access Road Drainage Improvements <i>The project consists of the acquisition of a total of ten (10) private properties located within the Castle Hills and Kahelelani subdivisions and the construction of a reinforced concrete drop structure, maintenance access road, chain link fence and certain drainage improvements, including installation of Best Management Practices (BMPs), erosion control measures and a detention basin, along a portion of Kapunahala Stream in the vicinity of Pookela Street, Kupohu Street and Pilina Place in Kaneohe, Oahu, Hawaii.</i>	ROW	7,900	0	7,900							Deferred CON from FY06 to FY07. Local Local Section 115
	DES	200	0	200							
	CON	0	0	0	4,000	4,000	0				
S8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway <i>Assist the State with managing and guiding the ITS program. Will include software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. The project consists of installation of CCTV cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements.</i>	DES	1,778	1,600	178				0	0	0	Revised FY06 amounts to reflect amounts obligated. Deferred DES from FY08 to after FY08. Deferred Phase 1C DES from FY08 to after FY08. Interstate Maintenance Interstate Maintenance Interstate Maintenance
	CON	1,714	1,543	171				8,000	6,400	1,600	
	Phase 1A										
	Phase 1B										
S9 Freeway Service Patrols <i>This program will operate roving service patrols. Services to include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting HPD, HFD, and EMS at crash scenes and other incidents, assisting sick or injured motorists with basic first aid, and notifying 911 of incidents.</i>	CON				0	0	0	1,000	900	100	Deferred CON from FY07 to FY08. Deferred CON from FY08 to after FY08. National Highway System

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S10 Guardrail and Shoulder Improvements, Various Locations <i>Installation and upgrading all guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>	DES				0	0	0	250	200	50	<i>Deferred DES from FY07 to FY08. Deferred CON from FY08 to after FY08.</i> STP Optional Safety STP Optional Safety
	CON							0	0	0	
S63 Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo IC to Palailai IC (Kapolei IC Complex) <i>Improve/modify freeway access to Interstate Route H-1 between Makakilo IC and Palailai IC (Kapolei Interchange Complex)</i>											<i>Increased CON by \$8,500,000.</i> Local Earmark Section 117 FTA Transfer Earmark High Priority Interstate Maintenance
	Phase 1										
	DES	2,400	0	2,400							
	CON				4,000	4,000	0				
	CON				3,100	3,100	0				
S64 Interstate Route H-1, Concrete Pavement Preservation Dowel Retrofit, MP 2.4-3.2 (Palailai) & MP 25-36.4 (Kaimuki) <i>Concrete pavement preservation and dowel retrofit to extend the life of the roadway</i>	CON	3,768	3,391	377							<i>Revised FY06 amounts to reflect amount obligated.</i> Interstate Maintenance
S11 Interstate Route H-1, Deck Repair Airport Viaduct, MP 15.73 to MP 18.52 <i>Repair airport viaduct from Valkenburgh Street to Keehi Interchange.</i>	CON	8,447	7,602	845							<i>Revised FY06 amounts to reflect amount obligated.</i> Interstate Maintenance Earmark High Priority
	CON	1,899	1,519	380							
S66 Interstate Route H-1, Guardrail and Shoulder Improvements, Waikele Bridge to Airport IC <i>Improve guardrail and shoulders from Waikele Bridge to Airport IC</i>	CON	6,802	6,122	680							<i>Revised FY06 amounts to reflect amount obligated.</i> Interstate Maintenance Earmark High Priority
	CON	250	200	50							
S73 Interstate Route H-1, Kinau Off-Ramp Improvements, Near Queens Medical Center <i>The project will construct a right-turn lane from the Kinau Off-Ramp to provide a direct access to Lusitana Street. The design includes the addition of an 11-ft wide, 200-foot long deceleration lane</i>	CON	2,154	1,723	431							<i>Revised FY06 amounts to reflect amount obligated.</i> TCSP local match: Queen's Medical Center
S67 Interstate Route H-1, Pavement Preventative Maintenance Waikele Stream Bridge to Waipahu Street <i>Maintenance level improvements to travelway to extend the life of the roadway and prevent the need for full reconstruction in the near future</i>	CON	0	0	0	4,500	4,050	450				<i>Deferred CON from FY06 to FY07.</i> Interstate Maintenance
S17 Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp <i>Seismic retrofit existing 1,202 feet long bridge to meet current State seismic criteria.</i>	CON	619	495	124							<i>Revised FY06 amounts to reflect amount obligated.</i> Bridge On-System
S22 Interstate Route H-2 Rehabilitation, Waipio IC On/Off-Ramps, Ka Uka Blvd & Meheula Pkwy Overpasses and Kipapa Stream Bridge <i>Resurface existing roadway.</i>	CON				15,000	13,500	1,500				<i>Increase CON by \$4,000,000 in FY07.</i> Interstate Maintenance

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S68 Interstate Route H-3, Pavement Preventative Maintenance Halekou IC to Kaneohe MCBH MP 10.75 to MP 15.31 <i>Maintenance level improvements to travelway to extend the life of the roadway and prevent the need for full reconstruction in the near future.</i>	CON	5,183	4,665	518							Revised FY06 amounts to reflect amount obligated. Interstate Maintenance
S69 Kalaniana'ole Highway Intersection Improvements at Hanauma Bay <i>Construct left-turn lane into Hanauma Bay.</i>	CON	1,305	1,044	261							Revised FY06 amounts to reflect amount obligated. STP Flexible
S29 Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu <i>The scope of work will consist of constructing and/or repairing a retaining wall along Kalaniana'ole Highway in the vicinity of Makapuu Point, including subsurface investigation and slope protection. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	CON	0	0	0				9,900	7,920	1,980	Deferred CON from FY06 to FY08. National Highway System
S30 Kamehameha Highway, Bridge Replacement Kaipapau Stream Bridge <i>Replacement of Kaipapau Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	0	0	0	0	0	0	400	320	80	Preliminary ROW programmed in FY06 not needed. Deferred ROW from FY07 to FY08. Bridge On-System
S31 Kamehameha Highway, Bridge Replacement Kaluanui Stream Bridge <i>Land acquisition for replacement of Kaluanui Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				0	0	0	600	480	120	Deferred ROW from FY07 to FY08. Bridge On-System
S33 Kamehameha Highway, Bridge Replacement North Kahana Stream Bridge <i>Replacement of North Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	CON				0	0	0	8,900	7,120	1,780	Deferred CON from FY07 to FY08. Bridge On-System
S34 Kamehameha Highway, Bridge Replacement South Kahana Stream Bridge <i>Replacement of South Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	0	0	0				900	720	180	Deferred ROW from FY06 to FY08. Bridge On-System
S37 Kamehameha Highway, Bridge Replacement Waiahole Bridge <i>Replacement of the existing concrete structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				0	0	0	640	512	128	Deferred ROW from FY07 to FY08. Bridge On-System
S39 Kamehameha Highway, In-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu <i>Replacement of the in-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW CON	0 0	0 0	0 0	500	400	100	0 0	0 0	0 0	Deferred ROW from FY06 to FY07. Deferred CON from FY08 to after FY08. Bridge On-System Bridge On-System

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S41 Kamehameha Highway, Out-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu <i>Replacement of the out-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	0	0	0	500	400	100				Deferred ROW from FY06 to FY07. Deferred CON from FY08 to after FY08. Bridge On-System Bridge On-System
	CON							0	0	0	
S43 Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge <i>Rehabilitation of concrete slab bridge on Kamehameha Highway in the vicinity of Laie. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				0	0	0	250	200	50	Deferred ROW from FY07 to FY08. Bridge On-System
	CON										
S46 Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge <i>Rehabilitation of a concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				0	0	0	380	305	75	Deferred ROW from FY07 to FY08. Bridge On-System
	CON										
S47 Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihu Street <i>Resurface existing roadway.</i>	CON	11,775	9,420	2,355							Revised FY06 amounts to reflect amount obligated. National Highway System
	DES				0	0	0	1,000	800	200	
S48 Kamehameha Highway, Rockfall Protection Vicinity of Kahuku <i>Rockfall mitigation measures along Kamehameha Highway in the vicinity of Kahuku.</i>	DES				0	0	0				Deferred DES from FY07 to FY08. STP Flexible
	CON										
S58 North/South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase IB <i>Construct North/South Road from Farrington Highway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	7,585	6,068	1,517							Revised FY06 amounts to reflect amount obligated. Added STP Flexible funds for Phase 1B. Decreased Phase 1B CON by \$1,769,000 in FY2007. CMAQ CMAQ STP Flexible High Priority Trans. Imp.
	Phase 1B: Farrington Hwy to Kapolei Parkway	CON				20,803	16,642	4,161			
	CON				17,178	13,742	3,436				
	CON				6,250	5,000	1,250				
	CON				28,250	22,600	5,650				STP Flexible
	CON				43,750	35,000	8,750				Earmark High Priority
S60 Traffic Signal Modernization at Various Locations on Oahu (Waialae, Nimitz, Farrington, Pali & Likelike Hwys) <i>Improve traffic signals at various locations; Waialae Avenue from 21st Ave. to Kilauea Avenue, Nimitz Highway from Valkenburgh Street to Halekauwila Street, Pali Highway at School Street, Likelike Highway at Anoi Road, Farrington Highway from Waipio Access Road to Fort Weaver Road Ramp, Farrington Highway from Lualualei Homestead Road to Makaha Valley Road.</i>	CON				0	0	0	4,500	3,600	900	Deferred CON from FY07 to FY08. CMAQ
	CON										
S61 Vanpool Program, Oahu <i>Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.</i>	OPR	1,753	1,753	0	800	800	0	800	800	0	Revised FY06 amounts to reflect amount obligated. CMAQ FHWA Fund x-fer from FTA Sec. 5307
	OPR	1,087	1,087	0	1,164	1,164	0	1,164	1,164	0	
	OPR										

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CITY AND COUNTY OF HONOLULU - FHWA												
C2	Bridge Inspection and Appraisal <i>Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs.</i>											
	DES	300	240	60	350	280	70	350	280	70	Bridge Off-System	
C25	Computerized Traffic Control System Phase 9 <i>Upgrade and expand fiberoptic lines, CCTV cameras, data collection, and signal control in urban center and outlying areas for connectivity to the Traffic Control Center.</i>											
	Phase 9	CON	1,946	1,946	0						STP Flexible	
C26	Computerized Traffic Control System Phase 10 <i>Upgrade and expand fiberoptic lines, CCTV cameras, data collection, and signal control in urban center and outlying areas for connectivity to the Traffic Control Center.</i>											
	Phase 10	DES	240	240	0						STP Flexible	
		CON				2,000	1,600	400			STP Flexible	
C5	Honolulu Traffic Control Center Operations <i>Operate and maintain the Traffic Control Center, including labor, utilities, equipment, management, and administrative costs.</i>											
		OPR	0	0	0	960	768	192	1,120	896	224	CMAQ
C7	Kapolei Parkway <i>Design and construct Kapolei Parkway in two phases between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles). Design funds for Hawaii's DOT review services.</i>											
		DES	30	24	6				30	24	6	STP Flexible
		CON	20,039	16,031	4,008							STP Flexible
C9	Makakilo Drive Extension <i>Plan roadway extension alternatives, recommend preferred alternative, prepare State/Federally compliant environmental assessment based on preferred alternative.</i>											
		PLN	800	400	400							STP Flexible
C32	Traffic Signals at Various Intersections Phase 8 <i>Install and upgrade traffic signals islandwide, including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.</i>											
	Phase 8	CON	956	956	0							STP Flexible
C33	Traffic Signals at Various Intersections Phase 9 <i>Install and upgrade traffic signals islandwide, including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.</i>											
	Phase 9	DES	200	200	0							STP Flexible
		CON				2,000	1,600	400				STP Flexible

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C15 CITY AND COUNTY OF HONOLULU - FTA Bus & Handi-Van Acquisition Program <i>Purchase replacement buses for fixed route and paratransit services: FY 2006: 9 60' buses & 20 <30' buses; FY 2007: 19 60' buses & 20 < 30' buses; FY 2008: 25 40' buses & 12 <30' buses</i>											
	EQUIP	641	513	128	4,275	3,420	855	9,200	4,520	4,680	FTA §5309 Bus Capital
	EQUIP	3,000	2,400	600	1,800	1,440	360	2,000	1,600	400	FTA §5309 Fixed Gdwy Mod.
	EQUIP	3,800	3,040	760	7,325	5,860	1,465	0	0	0	FTA §5309 New Starts
C19 Preventive Maintenance <i>Federal capital assistance for TheBus and TheHandi-Van maintenance costs.</i>											
	OPR	22,646	18,117	4,529	26,250	21,000	5,250	27,250	21,800	5,450	FTA §5307
	OPR	3,925	3,140	785							FTA §5309 Bus Capital
C20 Transfer to FHWA for Vanpool <i>FTA Section 5307 funds to be transferred to FHWA for Hawaii DOT's Vanpool program.</i>											
	OPER	1,164	1,164	0	1,164	1,164	0	1,164	1,164	0	FTA §5307
REVISED TIP TOTALS											
FEDERAL HIGHWAY ADMINISTRATION FUNDS											
<u>State - FHWA</u>											
As of Amendment #8		86,652	63,492	23,160	161,634	131,601	30,033	105,084	86,389	18,695	
Revisions made in this amendment		(19,243)	(14,510)	(4,733)	2,311	5,097	(2,786)	16,395	13,117	3,278	
State - FHWA Totals as of Am. #9		67,409	48,982	18,427	163,945	136,698	27,247	121,479	99,506	21,973	
<u>C&C of Honolulu - FHWA</u>											
As of Amendment #8		41,083	24,268	16,815	9,860	7,568	2,292	12,450	9,960	2,490	
Revisions made in this amendment		(14,799)	(2,891)	(11,908)	0	0	0	0	0	0	
City - FHWA Totals as of Am. #9		26,284	21,377	4,907	9,860	7,568	2,292	12,450	9,960	2,490	
FEDERAL TRANSIT ADMINISTRATION FUNDS											
<u>State - FTA</u>											
As of Amendment #8		220	176	44	0	0	0	0	0	0	
<i>(No revisions made in this amendment)</i>											
<u>C&C of Honolulu - FTA</u>											
As of Amendment #8		44,428	32,351	12,077	114,267	49,089	65,178	49,675	37,880	11,795	
Revisions made in this amendment		(596)	(468)	(128)	0	0	0	0	0	0	
City - FTA Totals as of Am. #9		43,832	31,883	11,949	114,267	49,089	65,178	49,675	37,880	11,795	