

**AMENDMENT 11
TO THE
OAHU TRANSPORTATION IMPROVEMENT PROGRAM
FY 2004 THROUGH FY 2006**

This amendment consists of administrative actions that the OMPO Policy Committee has pre-approved.

The OMPO Policy committee has pre-approved the following actions: (1) Revising the sources of federal funds if administered by the same U.S. DOT operating agency; (2) Changing federal funding to local funding; (3) Revising the amount programmed to reflect changes in cost estimates; and (4) Deferring projects to a later year if they are not "ready-to-go" as originally programmed. This amendment neither reduced the sum of federal funds programmed in the Federal Highway Administration (FHWA) flexible funding categories nor the Federal Transit Administration (FTA) funding categories for Oahu nor forced the addition or deletion of another project. The affected projects' implementing agencies (State Department of Transportation and City Department of Transportation Services) concur with these actions. (Chapter V - Administration of the TIP, Section A - Pre-approval of Certain Administrative Actions)

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
STATE - FHWA											
S1	Ala Moana Boulevard, Resurfacing and Highway Lighting Improvements, Queen Street to Kalia Road <i>Resurface the existing roadway, and upgrade and replace existing highway lighting.</i>										(Defederalized project)
	CON							3,200		3,200	NHS
S2	Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A <i>Replace timber bridges in the vicinity of Makaha Beach Park.</i>										(Deferred ROW to FY 2005)
	ROW				1,300	1,000	300				Bridge On-System
	CON							6,700	5,360	1,340	Bridge On-System
S82	Farrington Highway, Bridge Replacement, Maipalaoa Bridge <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>										(Increased funding for DES by \$365,000)
	ROW				350	280	70				Bridge On-System
	DES	2,365	1,892	473							Bridge On-System
S7	Fort Weaver Road Widening, Vicinity of Aawa Street to Geiger Road <i>Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.</i>										(Deferred ROW to FY 2005. Added \$15,700,000 to CON)
	CON				33,700	26,960	6,740				Congestion Mitigation and Air Quality
	ROW				100	80	20				Congestion Mitigation and Air Quality
S11	Interstate Route H-1, AM Contraflow Lane, Pearl Harbor Interchange to Keehi Interchange, AM Zipper Lane Extension <i>Extend the AM zipper lane from the vicinity of Radford Drive Overpass to Kalihi Stream.</i>										(Increased funding by \$2,360,000)
	CON	5,478	4,930	548							National Highway System
	CON	5,482	4,934	548							National Highway System

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S12	Interstate Route H-1, Deck Repair, Airport Viaduct, MP 15.73 to MP 18.52										(Changed name & milepost limits)
	<i>Repair existing roadway.</i>										(Increased CON funding by \$2,800,000)
	CON						5,300	4,770	530		Interstate Maintenance
S14	Interstate Route H-1, Drainage Improvements, Vicinity of Pearl City and Aiea										(Decreased funding by \$158,000)
	<i>Concrete line an existing corrugated metal pipe culvert, filling voids at the invert of the culvert with concrete, and constructing a grouted rubble paving structure at Kalauao Stream Bridge abutments.</i>										
	CON	1,442	1,298	144							Interstate Maintenance
S15	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street										(Deferred CON from FY 2005 to FY 2006)
	<i>Install and/or upgrade the existing guardrails, end terminals, transitions, bridge railing, bridge endposts, and crash attenuators. Project will also reconstruct and pave road shoulders.</i>										
	CON						4,000	3,600	400		Interstate Maintenance
S18	Interstate Route H-1, Highway Lighting Improvements, Vicinity of Kaimakani Overpass to Vicinity of Gulick Avenue										(Deferred DES from FY 2004 to FY 2005)
	<i>Upgrade and replace existing highway lighting.</i>										
	DES				600	540	60				Interstate Maintenance
S22	Interstate Route H-1, Rehabilitation, Kaahumanu Street to Kaimakani Street										(Deferred CON from FY 2005 to FY 2006. Increased funding by \$9,460,000)
	<i>Resurface existing roadway.</i>										
	CON						15,000	13,500	1,500		Interstate Maintenance
S23	Interstate Route H-1, Seismic Retrofit, Farrington Highway & Makakilo Separation & Military Road Overpass										(Increased federal percentage to 80%)
	<i>Retrofit existing bridges to meet current State seismic criteria.</i>										
	DES	600	480	120							Bridge On-System
	CON						3,000	2,400	600		Bridge On-System
S25	Interstate Route H-1, Seismic Retrofit, Pali Highway Overpass, Ramp & Pali Highway & Nuuanu Avenue Separation										(Increased funding for DES by \$10,000)
	<i>Retrofit existing bridges to meet current State seismic criteria.</i>										
	DES	685	548	137							Bridge On-System
	CON						3,100	2,480	620		Bridge On-System
S26	Interstate Route H-1, Seismic Retrofit, Waiawa Interchange Structure #1, #2, & #12										(Increased federal percentage to 80%)
	<i>Retrofit existing bridges to meet current State seismic criteria.</i>										
	DES	565	452	113							Bridge On-System
	CON						2,700	2,160	540		Bridge On-System
S27	Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane										(Defederalized project)
	<i>Construct an additional lane through the Waiawa Interchange, beginning in the vicinity of the Pearl City Viaduct and ending at the Paiwa Interchange.</i>										
	DES				2,500		2,500				National Highway System
S28	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements										(Defederalized project)
	<i>Widen the Waipahu off-ramp from one to two lanes.</i>										
	DES				3,000		3,000				Interstate Maintenance

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
S29	Interstate Route H-1, Ward Avenue On-Ramp to University Interchange										(Defederalized project)
	<i>Improve eastbound traffic flow from the Ward Avenue on-ramp to the University interchange.</i>										
	PLN				1,500		1,500				National Highway System
S30	Interstate Route H-1 & H-2, Destination Sign Upgrade/Replacement										(Defederalized project)
	<i>Replace and/or upgrade the existing destination signs, sign lighting, and sign support structures.</i>										
	DES	500		500							National Highway System
S31	Interstate Route H-1 & H-2, Seismic Retrofit Wahiawa Interchange Structure #1 & #2 and Waiawa Interchange Structure #5										(Decreased CON funding by \$1,452,000)
	<i>Retrofit abutment and abutment footing, piers, and pier footing, and any hinges in the superstructure.</i>										
	CON	648	518	130							Bridge On-System
S33	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard Interchange										(Increased DES funding by \$93,000)
	<i>Retrofit existing bridge to meet current State seismic criteria.</i>										
	DES	633	506	127							Bridge On-System
	CON						2,700	2,160	540		Bridge On-System
S36	Kalaniana'ole Highway, Bridge Replacement, Inoaole Stream Bridge										(Decreased ROW funding by \$20,000)
	<i>(Near Bellows Air Force Station, Waimanalo). Replace existing bridge with a larger bridge. Project will include improvements to the roadway approaches, detour road, and utility relocations.</i>										
	ROW	80	64	16	525	420	105				National Highway System
	CON						4,700	3,760	940		National Highway System
S37	Kalaniana'ole Highway Drainage Improvements, Vicinity of Keolu Hills										(Decreased CON funding by \$136,000)
	<i>Construct concrete gutters, install grated drop inlets and underground culvert system, and concrete line two culvert crossings.</i>										
	CON	1,464	1,171	293							National Highway System
S41	Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial										(Increased CON funding by \$445,000)
	<i>Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.</i>										
	CON	2,545	2,036	509							National Highway System
S46	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge										(Deferred ROW to FY 2005)
	<i>(Kawela, near Kawela Camp Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.</i>										
	ROW				150	120	30				Bridge On-System
	CON				2,200	1,760	440				Bridge On-System

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
S47	Kamehameha Highway, Bridge Replacement, Kokololio Stream Bridge										(Decreased ROW funding by \$84,000 and CON by \$301,000)
	<i>(Hauula, in the vicinity of Kaupau Place) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.</i>										
	ROW	516	413	103							
	CON	6,899	5,519	1,380							Bridge On-System
S50	Kamehameha Highway, Bridge Replacement, South Punaluu Bridge										(Decreased funding for ROW by \$350,000 and dropped CON)
	<i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.</i>										
	ROW	150	120	30							Bridge On-System
S51	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge										(Increased funding for DES by \$121,000)
	<i>(Vicinity of Helemano Plantation, near Kaukonahua Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate a pedestrian walkway and bridge railings.</i>										
	DES	2,521	2,017	504							
	ROW						900	720	180		Bridge On-System
S52	Kamehameha Highway, Bridge Replacement, Waiahole Bridge										(Deferred ROW to FY 2005)
	<i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate two 12-foot wide lanes, shoulders, sidewalks, and bridge railings.</i>										
	ROW				640	512	128				
	CON				6,055	4,680	1,375				Bridge On-System
S53	Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8										(Deferred DES to FY 2005)
	<i>Upgrade and replace existing highway lighting.</i>										
	DES				400	320	80				National Highway System
S61	Kamehameha Highway, Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52										(Deferred DES to FY 2005)
	<i>(Kahaluu) Construct various rockfall/slope protection and slope stabilization measures at various locations. Such measures include rock bolts, rock catchment fences, recutting, and/or revegetation of slopes.</i>										
	DES				1,000		1,000				National Highway System
S64	Kamehameha Highway Widening, Lanikuhana Avenue to Ka Uka Boulevard										(Deferred PLN to FY 2005)
	<i>Widen Kamehameha Highway to a four-lane divided facility with shoulders for bicycles and disabled vehicles.</i>										
	PLN				1,500	1,200	300				National Highway System

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S69	Moanalua Freeway, Highway Lighting Improvements MP 0 to MP 0.73 and MP 1.12 to MP 4.09										(Deferred DES to FY 2005)
	<i>Upgrade and replace existing highway lighting.</i>										
	DES				100	80	20				
	CON						4,000	3,600	400		Interstate Maintenance
S74	North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1										(Increased CON funding by \$13,250,000)
	<i>Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.</i>										
	ROW				500	400	100				STP Flexible
	CON				13,250	10,600	2,650				High Priority
	CON				34,000	27,200	6,800				STP Flexible
	CON							10,000	8,000	2,000	STP Flexible
	CON							13,000	10,400	2,600	Interstate Maintenance
	CON						3,000	2,400	600	High Priority	
S75	Oahu Mature Pedestrian Safety Program										(Defederalized project)
	<i>Develop a mature pedestrian safety program to reduce the number of pedestrian injuries and fatalities of Oahu's senior population.</i>										
	PLN	120		120							STP Enhancement
S79	Traffic Signal Retrofit with LED Signal Heads										(Decreased CON funding by \$1,086,000)
	<i>Replace existing incandescent signal heads with LED signal heads.</i>										
	CON	1,314	1,051	263							Congestion Mitigation and Air Quality
S80	Vanpool Program										(Increased OPER funding by \$367,000)
	<i>Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.</i>										
	OPER	1,100	1,100	0	800	800	0	800	800	0	Congestion Mitigation and Air Quality
	OPER	1,107	1,107	0	1,040	1,040	0	1,040	1,040	0	FHWA funds transferred from FTA Sec. 5307 (C17 below)
CITY & COUNTY OF HONOLULU - FHWA											
C2	Computerized Traffic Control System										(Decreased federal funding for Phase 6 CON by \$55,000 & deferred to Fy 2005; Deferred DES Phase 9 to Fy 2005)
	<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 6	CON			1,945	1,945	0				STP Flexible
	Phase 9	DES			200	200	0				STP Flexible
		CON			1,400	1,400	0				STP Flexible
	Phase 10	DES			200	200	0				STP Flexible
		CON						1,400	1,400	0	STP Flexible
Phase 11	DES						200	200	0	STP Flexible	

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C9	Traffic Signals at Various Intersections				(Decreased funding for Phase 5 CON by \$260,000)							
	<i>Install and upgrade traffic signals islandwide, including ADA improvements, signs, and markings.</i>											
	<i>Upgrade existing intersections to include left-turn phases and signal coordination.</i>											
	Phase 5	CON	740	740	0							STP Flexible
	Phase 7	DES	200	200	0							STP Flexible
		CON				2,000	2,000	0				STP Flexible
	Phase 8	DES				200	200	0				STP Flexible
		CON							2,000	2,000	0	STP Flexible
	Phase 9	DES						200	200	0	STP Flexible	
	REVISED TIP TOTALS											
FEDERAL HIGHWAY ADMINISTRATION (FHWA)												
State - FHWA												
As of Amendment #10*		50,080	38,852	11,228	103,740	82,755	20,985	144,960	113,905	31,055		
<i>Revisions made in this amendment</i>		-5,616	-3,546	-2,070	25,200	13,332	11,868	5,800	5,310	490		
		44,464	35,306	9,158	128,940	96,087	32,853	150,760	119,215	31,545		
C&C of Honolulu - FHWA												
As of Amendment #10*		8,250	3,890	4,360	33,070	22,636	10,434	24,200	18,840	5,360		
<i>Revisions made in this amendment</i>		-2,460	-2,470	10	2,145	2,145	0	0	0	0		
		5,790	1,420	4,370	35,215	24,781	10,434	24,200	18,840	5,360		
CITY & COUNTY OF HONOLULU - FEDERAL TRANSIT ADMINISTRATION												
C11	Bus and Handi-Van Acquisition Program				(Revised Federal funding in FY 2005 from \$5307 to \$5309 Bus Capital)							
	<i>Purchase replacement buses and paratransit buses.</i>											
	<i>FY 2004 = 0 buses</i>											
	<i>FY 2005 = 40 buses (40-foot) + 32 paratransit buses (<30-foot).</i>											
	<i>FY 2006 = 33 buses (40-foot) + 20 paratransit buses (<30-foot).</i>											
		EQP	0	0	0	1,800	1,440	360	4,400	3,520	880	Section 5307
	EQP	0	0	0	23,000	18,400	4,600	14,400	11,520	2,880	Section 5309 Bus Capital	
	EQP	0	0	0	2,400	1,920	480	3,000	2,400	600	Sec 5309 Fixed Guideway Modernization	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
C13 Middle Street Intermodal Center <i>Develop a multi-use facility at Middle Street to include Handi-Van, regional transit center, parking, and amenities. Site to include building structures to house various Handi-Van systems administration, operations functions, and dispatch.</i>										(Revised cost estimate in FY 2005 to reflect bid referral)	
	DES	20	0	20							Local
	DES				600	480	120				Section 5309 Bus Capital
	CON				9,816	7,387	2,429	5,449	4,359	1,090	Section 5309 Bus Capital
	RELOC	1	0	1				651	521	130	Sec. 5307 (TE) Local
C16 Preventive Maintenance <i>Capital assistance for bus maintenance costs.</i>										(Revised cost estimate in FY 2005 and revised Federal funding to include \$5309 Bus Capital)	
	OPER	26,625	21,300	5,325	26,625	21,300	5,325	26,625	21,300	5,325	Section 5307
	OPER				9,000	7,200	1,800				Section 5309 Bus Capital
C17 Transfer to FHWA for Vanpool <i>FTA section 5307 funds to be transferred to FHWA for Hawaii DOT's vanpool program. These transfer amounts represent the estimated incremental increase in Section 5307 funds apportioned to the City and County of Honolulu attributed to vanpool operating information submitted to the FTA's National Transit Database.</i>										(Deferred FY 2004 transfer amt. to FY 2005 to reflect actual timing; revised transfer amounts based on actual FY 2004 & FY 2005 apportionment data)	
	OPER	0	0	0	2,210	2,210		1,123	1,123		Section 5307
C14 Wahiawa Transit Center <i>Construct a transit center in Wahiawa on the corner of California Avenue and North Cane Street.</i>										(Deferred CON from FY 2005 to FY 2006)	
	ROW				727	0	727				Local
	CON							1,740	1,392	348	Section 5309 Bus Capital
	CON							260	208	52	Sec. 5307 (TE)
REVISED TIP TOTALS											
FEDERAL TRANSIT ADMINISTRATION (FTA)											
STATE - FTA											
As of Amendment #10*		6,442	5,154	1,288	0	0	0	0	0	0	
<i>(No revisions to State FTA-funded projects were made in this amendment)</i>											
C&C OF HONOLULU - FTA TOTAL											
As of Amendment #10*		45,451	34,221	11,230	76,945	59,857	17,088	55,565	44,660	10,905	
<i>Revisions made in this amendment</i>		-1,040	-1,040	0	11,986	10,336	1,650	2,083	1,683	400	
		44,411	33,181	11,230	88,931	70,193	18,738	57,648	46,343	11,305	

* Includes TIP Amendment #7, which was approved by the OMPO Policy Committee on October 22, 2004.