

OAHU TRANSPORTATION IMPROVEMENT PROGRAM  
FY 2004 THRU FY 2006

COMPLETE PROJECT LISTING AS OF AMENDMENT #13

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)	
<b><u>OAHU : STATE - FHWA</u></b>											
<b>S85</b>	<b>Aiea Access Rd. Resurfacing, Moanalua Road to Kamehameha Highway</b> <i>Cold plane, resurface, reconstruct weakened pavement areas, adjust utilities, install pavement markers, sign and stripie, reconstruct sidewalk &amp; curb ramps, upgrade guardrails, end treatments, highway lighting system and drainage improvements. This project covers Aiea Access Rd. from Moanalua Rd. to Kamehameha Hwy, loop ramps, southeast &amp; northwest ramps.</i>							4,300		4,300	LOCAL
	CON										
<b>S1</b>	<b>Ala Moana Boulevard, Resurfacing and Highway Lighting Improvements, Queen Street to Kalia Road</b> <i>Resurface the existing roadway, and upgrade and replace existing highway lighting.</i>							3,200		3,200	National Highway System
	CON										
<b>S2</b>	<b>Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A</b> <i>Replace timber bridges in the vicinity of Makaha Beach Park.</i>				300	240	60	1,000	800	200	Bridge On-System
	ROW										Bridge On-System
	CON							6,700	5,360	1,340	
<b>S82</b>	<b>Farrington Highway, Bridge Replacement, Maipalaoa Bridge</b> <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>										Bridge On-System
	DES	2,365	1,892	473							
<b>S6</b>	<b>Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue</b> <i>Widen the roadway to four lanes. Improvements include right- and left-turning lanes, sidewalks, bikeways, highway lighting, drainage, traffic signals, and landscaping.</i>				170	100	70				Minimum Guarantee
	ROW										

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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)	
<b>S7 Fort Weaver Road Widening, Vicinity of Aawa Street to Geiger Road</b> <i>Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.</i>	CON ROW				45,800 100	36,640 80	9,160 20				Congestion Mitigation and Air Quality Congestion Mitigation and Air Quality
<b>S8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway</b> <i>Construct a freeway management system, including intelligent transportation systems (ITS) technologies and interagency coordination to monitor and manage traffic operations.</i>	Phase 1 CON							2,000	1,600	400	National Highway System
<b>S9 Freeway Service Patrol</b> <i>Deploy freeway service patrols by procuring services to provide minor assistance to motorists (e.g., flat tire repairs, fuel, rides/tows off of the freeway, etc.), and assist emergency response agencies with managing and clearing freeway incidents.</i>	CON							2,000	1,600	400	National Highway System
<b>S10 Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo to Palailai Interchanges</b> <i>Improve Makakilo and Palailai Interchanges and construct a new interchange (Kapolei Interchange).</i>	PLN	2,000		2,000							Interstate Maintenance
<b>S11 Interstate Route H-1, AM Contraflow Lane, Pearl Harbor Interchange to Keehi Interchange, AM Zipper Lane Extension</b> <i>Extend the AM zipper lane from the vicinity of Radford Drive Overpass to Kalihi Stream.</i>	CON CON	5,478 5,482	4,930 4,934	548 548							National Highway System National Highway System
<b>S12 Interstate Route H-1, Concrete Deck Repair, Airport Viaduct, MP 15.73 to MP 18.52</b> <i>Repair existing roadway.</i>	CON							5,300	4,770	530	Interstate Maintenance
<b>S86 Interstate H-1, Concrete Pavement Preservation Dowel Retrofit - MP 2.4 - 3.2 (Palailai) &amp; MP 25 - 26.4 (Kaimuki)</b> <i>Slot saw cut, concrete removal, slot clean and preparation, seal joints and cracks in slot, place dowel assembly in slot, mix and place backfill materials in slot, diamond grind and replace damaged pavement markings. Length of Project: Palailai location - 0.80 mile, Kaimuki location - 1.4 miles.</i>	CON							3,300		3,300	LOCAL
<b>S14 Interstate Route H-1, Drainage Improvements, Vicinity of Pearl City and Aiea</b> <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 Kaluaao Stream Bridge abutments.</i>	CON	1,442	1,298	144							Interstate Maintenance

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

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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)	
<b>S16 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue</b> <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	
<b>S17 Interstate Route H-1, Guardrail and Shoulder Improvements, Waikele Bridge to Airport Interchange</b> <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				4,300	3,800	500			Interstate Maintenance	
<b>S18 Interstate Route H-1, Highway Lighting Improvements, Vicinity of Kaimakani Overpass to Vicinity of Gulick Avenue</b> <i>Upgrade and replace existing highway lighting.</i>	DES				600	540	60			Interstate Maintenance	
<b>S19 Interstate Route H-1 Improvements, Eastbound, Middle Street to Vineyard Boulevard</b> <i>Construct an additional lane on the H-1 freeway inbound from Middle Street to Vineyard Boulevard.</i>	CON						6,500	5,200	1,300	Interstate Maintenance	
<b>S20 Interstate Route H-1, Lunalilo Street On-Off Ramp Improvements</b> <i>Modify the weaving movements between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp (westbound).</i>	DES						2,000	1,600	400	National Highway System	
<b>S21 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1</b> <i>Replace, repair, and/or strengthen the Pearl City Viaduct and Waimalu Viaduct concrete decks and other structural components.</i>	DES	1,500	1,350	150						Interstate Maintenance	
<b>S22 Interstate Route H-1, Rehabilitation, Kaahumanu Street to Kaimakani Street</b> <i>Resurface existing roadway.</i>	CON				15,000	13,500	1,500			Interstate Maintenance	
<b>S23 Interstate Route H-1, Seismic Retrofit, Farrington Highway &amp; Makakilo Separation &amp; Military Road Overpass</b> <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	600	480	120						Bridge On-System	
	CON									Bridge On-System	
<b>S24 Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp</b> <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES	200	160	40						Bridge On-System	
	CON						740	565	175	Bridge On-System	

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<b>S25 Interstate Route H-1, Seismic Retrofit, Pali Highway Overpass, Ramp &amp; Pali Highway &amp; Nuuanu Avenue Separation</b> <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES CON	685	548	137							Bridge On-System Bridge On-System
<b>S26 Interstate Route H-1, Seismic Retrofit, Waiawa Interchange Structure #1, #2, &amp; #12</b> <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES CON	565	452	113							Bridge On-System Bridge On-System
<b>S27 Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane</b> <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
<b>S28 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements</b> <i>Widen the Waipahu off-ramp from one to two lanes.</i>	DES				3,000		3,000				Interstate Maintenance
<b>S29 Interstate Route H-1, Ward Avenue On-Ramp to University Interchange</b> <i>Improve eastbound traffic flow from the Ward Avenue on-ramp to the University interchange.</i>	PLN				1,500		1,500				National Highway System
<b>S30 Interstate Route H-1 &amp; H-2, Destination Sign Upgrade/Replacement</b> <i>Replace and/or upgrade the existing destination signs, sign lighting, and sign support structures.</i>	DES	500		500							National Highway System
<b>S31 Interstate Route H-1 &amp; H-2, Seismic Retrofit, Wahiawa Interchange Structure #1 &amp; #2, and Waiawa Interchange Structure #5</b> <i>Retrofit abutment and abutment footing, piers, and pier footing, and any hinges in the superstructure.</i>	CON	648	518	130							Bridge On-System
<b>S32 Interstate Route H-2 Resurfacing, Waipio Interchange, On/Off Ramps and Ka Uka Blvd.</b> <i>Resurface existing roadway.</i>	CON							8,000	6,400	1,600	National Highway System
<b>S87 Interstate Rte. H-3 Pavement Preventative Maintenance, Halekou IC to MCBH</b> <i>Resurface and cold plane the existing pavement, and install pavement markers and striping. This</i>	CON							11,000		11,000	LOCAL
<b>S33 Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard Interchange</b> <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES CON	633	506	127							Bridge On-System Bridge On-System

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<b>S34 James Campbell National Wildlife Refuge</b> <i>To be administered by the U.S. Fish and Wildlife Service.</i>	DES CON				30	30	0	360	360	0	Public Lands Discretionary Public Lands Discretionary
<b>S35 Kalaniana'ole Highway Bikeway, Waimanalo Beach Park to Makapuu</b> <i>Provide a shared roadway with paved shoulder, making available a continuous shoulder for bicycle use.</i>	DES CON	250	200	50				1,000	800	200	National Highway System National Highway System
<b>S36 Kalaniana'ole Highway, Bridge Replacement, Inoaole Stream Bridge</b> <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 CON	80	64	16	525	420	105	4,700	3,760	940	National Highway System National Highway System
<b>S37 Kalaniana'ole Highway Drainage Improvements, Vicinity of Keolu Hills</b> <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
<b>S38 Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park</b> <i>Improvements include the construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocation, and drainage improvements.</i>	DES ROW				625	500	125	1,150	920	230	National Highway System National Highway System
<b>S39 Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu</b> <i>Construct and/or repair a retaining wall, including slope protection and/or mitigation.</i>	CON							5,500	4,400	1,100	National Highway System
<b>S40 Kalaniana'ole Highway, Intersection Improvements at Hanauma Bay</b> <i>Construction of left-turn lane into Hanauma Bay.</i>	CON				2,000	1,600	400				National Highway System
<b>S41 Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial</b> <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

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<b>S42 Kamehameha Highway, Bridge Replacement, In-Bound Cane Haul Road Structure, Vicinity of Waipahu</b> <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>	ROW	100	80	20				500	400	100	Bridge On-System
<b>S43 Kamehameha Highway, Bridge Replacement, Out-Bound Cane Haul Road Structure, Vicinity of Waipahu</b> <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>	ROW	100	80	20				500	400	100	Bridge On-System
<b>S44 Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge</b> <i>(Hauula, in the vicinity of Pipilani 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 CON							500	400	100	Bridge On-System Bridge On-System
<b>S45 Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge</b> <i>(Hauula, near Sacred Falls State Park) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.</i>	ROW				100	80	20	600	480	120	Bridge On-System
<b>S46 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge</b> <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 CON							150 2,200	120 1,760	30 440	Bridge On-System Bridge On-System
<b>S47 Kamehameha Highway, Bridge Replacement, Kokololio Stream Bridge</b> <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 CON	516 6,899	413 5,519	103 1,380							Bridge On-System Bridge On-System
<b>S48 Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge</b> <i>(Kaaawa, between Kahana Valley State Park and Trout Farm Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.</i>	CON							5,200	4,160	1,040	Bridge On-System

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<b>S49 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge</b> <i>(Kaaawa, near Trout Farm 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	100	80	20				900	720	180	Bridge On-System
<b>S50 Kamehameha Highway, Bridge Replacement, South Punaluu Bridge</b> <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
<b>S51 Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge</b> <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 ROW	2,521	2,017	504				900	720	180	Bridge On-System Bridge On-System
<b>S52 Kamehameha Highway, Bridge Replacement, Waiahole Bridge</b> <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 CON				640	512	128	6,055	4,680	1,375	Bridge On-System Bridge On-System
<b>S53 Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8</b> <i>Upgrade and replace existing highway lighting.</i>	DES				400	320	80				National Highway System
<b>S54 Kamehameha Highway Improvements, Waipahu Street to Ka Uka Boulevard</b> <i>Improve traffic operations and do other improvements, such as sidewalk, bikeway, highway lighting, drainage along this segment of Kamehameha Highway.</i>	ROW				150	120	30				National Highway System
<b>S55 Kamehameha Highway, Rehabilitation of Kawailoa Stream Bridge</b> <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							600	455	145	Bridge On-System
<b>S56 Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge</b> <i>(Laie) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES ROW				725	580	145	250	200	50	Bridge On-System Bridge On-System

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<b>S57 Kamehameha Highway, Rehabilitation of Makaua Stream Bridge</b> <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System
<b>S58 Kamehameha Highway, Rehabilitation of Waikane Stream Bridge</b> <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System
<b>S59 Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge</b> <i>(Hauula) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES ROW				590	450	140	265	210	55	Bridge On-System Bridge On-System
<b>S60 Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street</b> <i>Resurface existing roadway.</i>	CON							3,800	3,040	760	National Highway System
<b>S61 Kamehameha Highway, Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52</b> <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
<b>S62 Kamehameha Highway, Traffic Improvements Phase 1 - Hygenic Store to Kaalaea Stream</b> <i>Construct traffic flow improvements including passing and turning lanes, modification of signals, installation of signs, flashers, and other warning devices. Replace Kaalaea Stream Bridge and Haiamoa Stream Bridge with structures that meet current design standards.</i>	DES	4,000	3,200	800							National Highway System
<b>S63 Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond</b> <i>(Helemano-Wailua Junction to Haleiwa Beach Park) Enhance wetlands near Ukoa Pond as mitigation for previous construction impacts and wetland banking for future use.</i>	CON							5,500	4,400	1,100	National Highway System
<b>S64 Kamehameha Highway Widening, Lanikuhana Avenue to Ka Uka Boulevard</b> <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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<b>S66 Leeward Community College (LCC) Second Access Improvements</b> <i>Construct a second access to LCC between the West side of the LCC campus to the Waipio Point Access Road.</i>											
	DES				1,000	0	1,000				Local
	ROW				500	0	500				Local
	CON							3,000	0	3,000	Local
<b>S68 Moanalua Freeway and Interstate H-2 Freeway, Guardrail and Shoulder Improvements</b> <i>Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>											
	DES				250	200	50				Interstate Maintenance
<b>S69 Moanalua Freeway, Highway Lighting Improvements MP 0 to MP 0.73 and MP 1.12 to MP 4.09</b> <i>Upgrade and replace existing highway lighting.</i>											
	DES				100	80	20				Interstate Maintenance
	CON							4,000	3,600	400	Interstate Maintenance
<b>S70 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Puuloa Separation</b> <i>Retrofit current bridge to meet current State seismic criteria.</i>											
	DES				1,230	985	245				Bridge On-System
<b>S71 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Ramp "A"</b> <i>Retrofit existing bridge to meet current State seismic criteria.</i>											
	DES				875	700	175				Bridge On-System
<b>S74 North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1</b> <i>Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.</i>											
	ROW				500	400	100				STP Flexible
	CON				6,750	5,400	1,350				STP Flexible
	CON				13,250	10,600	2,650				High Priority
	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

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<b>S75 Oahu Mature Pedestrian Safety Program</b> <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
<b>S83 Oahu Railway and Land (OR&amp;L), Repair Tracks, Fort Weaver Road to Kahe Point</b> <i>Purchase cross-ties, spikes and other track hardware to restore the historic OR&amp;L right-of-way from Fort Weaver Road in Ewa to Tracks Beach at Kahe Point.</i>	EQP				50	40	10				STP Enhancement
<b>S76 Sand Island Tunnel - Kalihi Channel</b> <i>Demolish the existing Sand Island Bridge and construct a new four-lane Sand Island Tunnel beneath the Kalihi Channel.</i>	PLN				2,000	1,600	400				National Highway System
<b>S79 Traffic Signal Retrofit with LED Signal Heads</b> <i>Replace existing incandescent signal heads with LED signal heads.</i>	CON	1,314	1,051	263							Congestion Mitigation and Air Quality
<b>S80 Vanpool Program</b> <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)
<b>OAHU : STATE - FHWA TOTAL</b>		<b>44,464</b>	<b>35,306</b>	<b>9,158</b>	<b>109,900</b>	<b>82,557</b>	<b>27,343</b>	<b>136,760</b>	<b>91,070</b>	<b>45,690</b>	

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<b>CITY &amp; COUNTY OF HONOLULU - FHWA</b>											
<b>C1</b>	<b>Bridge Inspection and Appraisal Program</b> <i>Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs.</i>										
	PLN	300	240	60	350	280	70	350	280	70	Bridge Off-System
<b>C2</b>	<b>Computerized Traffic Control System</b> <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				1,945	1,945	0				STP Flexible
	Phase 9				200	200	0				STP Flexible
								1,400	1,400	0	STP Flexible
	Phase 10				200	200	0				STP Flexible
								1,400	1,400	0	STP Flexible
	Phase 11							200	200	0	STP Flexible
<b>C24</b>	<b>Dillingham Boulevard Transit Improvements</b> <i>Construct 7 new bus pullouts on Dillingham Blvd. between Puuhale Road and North King Street, including ADA compliance, utility adjustments, driveway adjustments and landscaping. Project will enhance the transit service and improve traffic flow in the major and highly used corridor.</i>										
	ROW							200	160	40	STP Flexible
	CON							3,740	2,992	748	STP Flexible
	INSP							380	304	76	STP Flexible
<b>C3</b>	<b>Honolulu Traffic Control Center Operations</b> <i>Operate and maintain the Traffic Control Center. Includes labor, utilities, equipment, management, and administrative costs.</i>										
	OPER				300	240	60	600	480	120	Congestion Mitigation and Air Quality
<b>C4</b>	<b>Kamehameha Highway Bridge Over Anahulu Stream (Anahulu Bridge)</b> <i>(Haleiwa) Construct and inspect bridge/culvert improvements at the Anahulu Bridge.</i>										
	CON	2,400	0	2,400							Local
<b>C18</b>	<b>Kamokila Boulevard Extension</b> <i>Plan, design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.</i>										
	PLN	300	240	60							STP Flexible
	DES				400	0	400				STP Flexible
	CON				3,900	0	3,900				STP Flexible

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

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)	
<b>C19 Kapolei Parkway, Unit 1</b> <i>Plan, design and construct Kapolei Parkway between Renton Road and the City/State property line at the western boundary of Ewa Villages.</i>	PLN				350	250	100				STP Flexible
	DES				450	250	200				STP Flexible
	CON							3,600	2,000	1,600	STP Flexible
<b>C21 Kapolei Parkway, Unit 2</b> <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road.</i>	PLN				500	0	500				Local
<b>C22 Kapolei Parkway, Unit 3</b> <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Aliinui Drive to Kalaehoa Boulevard.</i>	PLN							500	0	500	Local
<b>C5 Preventive Maintenance of Various City Streets</b> <i>Preventive maintenance / pavement preservation (cold planing and resurfacing) of various City streets.</i>	CON							3,000	2,000	1,000	STP Flexible
<b>C10 Rehabilitation of Streets, Unit 9, Phase I</b> <i>Rehabilitate Kapiolani Boulevard (Kalakaua Avenue to Ward Avenue) and Atkinson Drive.</i>	CON							12,000	10,000	2,000	STP Flexible
<b>C6 Salt Lake Boulevard, Halawa Stream Bridge Rehabilitation</b> <i>Improve the shear capacity of the existing bridge girders to carry legal highway loads. Seal cracks and correct other bridge deficiencies.</i>	CON				750	600	150				Bridge Off-System
<b>C7 Salt Lake Boulevard Widening, Phase 2B</b> <i>Complete Salt Lake Boulevard Widening project, from Maluna Street to Ala Liliko Street.</i>	DES	1,500	0	1,500							Local
	CON										STP Flexible

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)		
<b>C8 Seismic Bridge Retrofit, Various County Bridges</b> <i>Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, and prepare plans and specifications for construction incorporating the retrofit measures.</i>	DES	350	0	350	350	280	70	350	280	70	Bridge Off-System Bridge Off-System	
	CON							600	480	120		
<b>C9 Traffic Signals at Various Intersections</b> <i>Install and upgrade traffic signals islandwide, including ADA improvements, signs, and markings. Upgrades 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
	<b>C&amp;C OF HONOLULU - FHWA TOTAL</b>			<b>5,790</b>	<b>1,420</b>	<b>4,370</b>	<b>11,895</b>	<b>6,445</b>	<b>5,450</b>	<b>30,520</b>	<b>24,176</b>	<b>6,344</b>

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)	
<b><u>OAHU : STATE - FTA</u></b>											
<b>S84</b>	<b>Elderly &amp; Persons w/ Disabilities Program Vehicle Acquisition for Urban Areas</b> <i>The FTA Section 5310 program provides assistance for the purpose of providing transportation services to meet the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient, or inappropriate.</i>										
	EQP				415	332	83	220	176	44	FTA §5310
<b>S81</b>	<b>Ferry Boat Acquisition</b> <i>Design and engineering for acquisition of two replacement ferry vessels. Develop design specifications, and acquire and test ferry boats to provide passenger ferry transportation services for the USS Arizona Memorial. This effort will investigate fuel cell and related "clean" transportation technologies.</i>										
	DES	625	500	125							49USC Section 5309 New Starts allocation Ferry Boats Discretionary 49USC Section 5309 New Starts allocation Ferry Boats Discretionary
	(2 replacement ferry vessels) CON	5,817	4,654	1,163							
<b>OAHU : STATE - FTA TOTAL</b>		<b>6,442</b>	<b>5,154</b>	<b>1,288</b>	<b>415</b>	<b>332</b>	<b>83</b>	<b>220</b>	<b>176</b>	<b>44</b>	
<b><u>CITY &amp; COUNTY OF HONOLULU - FTA</u></b>											
<b>C11</b>	<b>Bus and Handi-Van Acquisition Program</b> <i>Purchase replacement buses and paratransit buses. FY 2004 = 0 buses FY 2005 = 40buses (40-foot) + 32 paratransit buses (&lt;30-foot). FY 2006 = 33 buses (40-foot) + 20 paratransit buses (&lt;30-foot).</i>										
	EQP	0	0	0	1,800	1,440	360	4,400	3,520	880	Section 5307 Section 5309 Bus Capital ec 5309 Fixed Guideway Modernization
	EQP	0	0	0	23,000	18,400	4,600	14,400	11,520	2,880	
	EQP	0	0	0	2,400	1,920	480	3,000	2,400	600	

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)	
<b>C13 Middle Street Intermodal Center</b> <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>											
	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
	CON							651	521	130	Sec. 5307 (TE)
	RELOC	1	0	1							Local
<b>C16 Preventive Maintenance</b> <i>Capital assistance for bus maintenance costs.</i>											
	OPER	26,625	21,300	5,325	26,625	21,300	5,325	26,625	21,300	5,325	Section 5307 Urbanized Area Formula
	OPER				9,000	7,200	1,800				section 5309 Bus Capital
<b>C17 Transfer to FHWA for Vanpool</b> <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 Federal Transit Administration's National Transit Database.</i>											
	OPER				2,210	2,210	0	1,123	1,123	0	Section 5307 Urbanized Area Formula
<b>C14 Wahiawa Transit Center</b> <i>Construct a transit center in Wahiawa on the corner of California Avenue and North Cane Street.</i>											
	ROW				727	0	727				Local
	CON							1,740	1,392	348	Section 5309 Bus Capital
	CON							260	208	52	Sec. 5307 (TE)
<b>C15 Waianae Transit Center</b> <i>Construct a transit center in Waianae on Leihoku Street, mauka of Farrington Highway.</i>											
	ROW	284		284							Local
	CON				2,044	1,635	409				Section 5309 Bus Capital
	CON				440	352	88				Sec. 5307 (TE)
<b>C&amp;C OF HONOLULU - FTA TOTAL</b>		<b>26,930</b>	<b>21,300</b>	<b>5,630</b>	<b>78,662</b>	<b>62,324</b>	<b>16,338</b>	<b>57,648</b>	<b>46,343</b>	<b>11,305</b>	