

**OAHU TRANSPORTATION IMPROVEMENT PROGRAM
FY 2004 THRU FY 2006**

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)	
<u>OAHU : STATE - FHWA</u>											
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>										
	CON							3,200	2,560	640	National Highway System
S2	Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A <i>Replace timber bridges in the vicinity of Makaha Beach Park.</i>										
	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>										
	ROW				350	280	70				Bridge On-System
	DES	2,000	1,600	400							Bridge On-System
S4	Farrington Highway, Intersection Improvements at Haleakala Avenue <i>Improvements include a left-turn lane into Haleakala Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, underground utilities.</i>										
	CON							1,500	1,200	300	STP Optional Safety
S5	Farrington Highway, Intersection Improvements at Nanakuli Avenue <i>Improvements include a left-turn lane into Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, underground utilities.</i>										
	CON							1,500	1,200	300	STP Optional Safety
S6	Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue <i>Widen the roadway to four lanes. Improvements include right- and left-turning lanes, sidewalks, bikeways, highway lighting, drainage, traffic signals, and landscaping.</i>										
	ROW				170	100	70				Minimum Guarantee
S7	Fort Weaver Road Widening, Vicinity of Laulaunui Street to Geiger Road <i>Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.</i>										
	CON	18,000	14,400	3,600							Congestion Mitigation and Air Quality

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S8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway <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
S9 Freeway Service Patrol <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
S10 Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo to Palailai Interchanges <i>Improve Makakilo and Palailai Interchanges and construct a new interchange (Kapolei Interchange).</i>											
	PLN	2,000	1,600	400							Interstate Maintenance
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>											
	CON	5,000	4,000	1,000							National Highway System
S12 Interstate Route H-1, Concrete Deck Repair, Airport Viaduct, MP 15 to MP 17 <i>Repair existing roadway.</i>											
	CON						2,500	2,000	500		Interstate Maintenance
S14 Interstate Route H-1, Drainage Improvements, Vicinity of Pearl City and Aiea <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	1,600	1,280	320							Interstate Maintenance
S15 Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street <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
S16 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue <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
S17 Interstate Route H-1, Guardrail and Shoulder Improvements, Waialele Bridge to Airport Interchange <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

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S18 Interstate Route H-1, Highway Lighting Improvements, Vicinity of Kaimakani Overpass to Vicinity of Gulick Avenue <i>Upgrade and replace existing highway lighting.</i>	DES	600	540	60							Interstate Maintenance
S19 Interstate Route H-1 Improvements, Eastbound, Middle Street to Vineyard Boulevard <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
S20 Interstate Route H-1, Lunalilo Street On-Off Ramp Improvements <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
S21 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1 <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
S22 Interstate Route H-1, Rehabilitation, Kaahumanu Street to Kaimakani Street <i>Resurface existing roadway.</i>	CON				5,540	4,430	1,110				Interstate Maintenance
S23 Interstate Route H-1, Seismic Retrofit, Farrington Highway & Makakilo Separation & Military Road Overpass <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	600	455	145							Bridge On-System
	CON						3,000	2,400	600		Bridge On-System
S24 Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp <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
S25 Interstate Route H-1, Seismic Retrofit, Pali Highway Overpass, Ramp & Pali Highway & Nuuanu Avenue Separation <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	675	515	160							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 <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	565	430	135							Bridge On-System
	CON						2,700	2,160	540		Bridge On-System

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S27 Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane <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	2,000	500				National Highway System
S28 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements <i>Widen the Waipahu off-ramp from one to two lanes.</i>	DES				3,000	2,400	600				Interstate Maintenance
S29 Interstate Route H-1, Ward Avenue On-Ramp to University Interchange <i>Improve eastbound traffic flow from the Ward Avenue on-ramp to the University interchange.</i>	PLN				1,500	1,250	250				National Highway System
S30 Interstate Route H-1 & H-2, Destination Sign Upgrade/Replacement <i>Replace and/or upgrade the existing destination signs, sign lighting, and sign support structures.</i>	DES	500	400	100							National Highway System
S31 Interstate Route H-1 & H-2, Seismic Retrofit, Waiawa Interchange Structure #1 & #2, and Waiawa Interchange Structure #5 <i>Retrofit abutment and abutment footing, piers, and pier footing, and any hinges in the superstructure.</i>	CON	2,100	1,600	500							Bridge On-System
S32 Interstate Route H-2 Resurfacing, Waipio Interchange, On/Off Ramps and Ka Uka Blvd. <i>Resurface existing roadway.</i>	CON							830	665	165	National Highway System
S33 Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard Interchange <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES	540	415	125							Bridge On-System
	CON							2,700	2,160	540	Bridge On-System
S34 James Campbell National Wildlife Refuge <i>To be administered by the U.S. Fish and Wildlife Service.</i>	DES				30	30	0				Public Lands Discretionary
	CON							360	360	0	Public Lands Discretionary
S35 Kalaniana'ole Highway Bikeway, Waimanalo Beach Park to Makapuu <i>Provide a shared roadway with paved shoulder, making available a continuous shoulder for bicycle use.</i>	DES	250	200	50							National Highway System
	CON							1,000	800	200	National Highway System

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S36 Kalaniana'ole Highway, Bridge Replacement, Inoaole Stream Bridge <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	625	500	125							National Highway System National Highway System
	CON				4,700	3,760	940				
S37 Kalaniana'ole Highway Drainage Improvements, Vicinity of Keolu Hills <i>Construct concrete gutters, install grated drop inlets and underground culvert system, and concrete line two culvert crossings.</i>	CON	1,600	1,280	320							National Highway System
	DES				625	500	125				National Highway System National Highway System
S38 Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park <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>	ROW							1,150	920	230	
	CON										National Highway System
S39 Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu <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
	CON				2,000	1,600	400				National Highway System
S41 Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial <i>Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.</i>	CON	2,100	1,680	420							National Highway System
	ROW	100	80	20	500	400	100				Bridge On-System
S43 Kamehameha Highway, Bridge Replacement, Out-Bound Cane Haul Road Structure, Vicinity of Waipahu <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

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S44 Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge <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	310	250	60				5,700	4,560	1,140	Bridge On-System Bridge On-System
S45 Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge <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
S46 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge <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	120	30							Bridge On-System Bridge On-System
S47 Kamehameha Highway, Bridge Replacement, Kokololio Stream Bridge <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	100	80	20							Bridge On-System Bridge On-System
S48 Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge <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
S49 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge <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							Bridge On-System
S50 Kamehameha Highway, Bridge Replacement, South Punaluu Bridge <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 CON	500	400	100				16,000	12,000	4,000	Bridge On-System Bridge On-System

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S51 Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge <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	2,400	1,920	480							Bridge On-System Bridge On-System
	ROW				900	720	180				
S52 Kamehameha Highway, Bridge Replacement, Waiahole Bridge <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							Bridge On-System Bridge On-System
	CON	6,055	4,680	1,375							
S53 Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8 <i>Upgrade and replace existing highway lighting.</i>	DES				400	320	80				National Highway System
	ROW										
S54 Kamehameha Highway Improvements, Waipahu Street to Ka Uka Boulevard <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
S55 Kamehameha Highway, Rehabilitation of Kawailoa Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							600	455	145	Bridge On-System
S56 Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge <i>(Laie) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES				725	580	145				Bridge On-System Bridge On-System
	ROW							250	200	50	
S57 Kamehameha Highway, Rehabilitation of Makaua Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System
S58 Kamehameha Highway, Rehabilitation of Waikane Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System

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S59 Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge <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
S60 Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street <i>Resurface existing roadway.</i>	CON							3,800	3,040	760	National Highway System
S61 Kamehameha Highway, Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 <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	800	200							National Highway System
S62 Kamehameha Highway, Traffic Improvements Phase 1 - Hygenic Store to Kaalaea Stream <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
S63 Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond <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
S64 Kamehameha Highway Widening, Lanikuhana Avenue to Ka Uka Boulevard <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
S65 Leeward Bikeway <i>Construct a multi-use path from the vicinity of Waipahu Depot Road to Hakimo Road. Phase I is from the Waipio Point Access Road to the Hawaii Railroad Society Train Station. Phase II is from the Hawaii Railroad Society Train Station to the Lualualei Naval Road.</i>	Phase I CON							2,800	2,240	560	STP Enhancement

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S66 Leeward Community College (LCC) Second Access Improvements <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
S68 Moanalua Freeway and Interstate H-2 Freeway, Guardrail and Shoulder Improvements <i>Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>	DES				250	200	50				Interstate Maintenance
S69 Moanalua Freeway, Highway Lighting Improvements MP 0 to MP 0.73 and MP 1.12 to MP 4.09 <i>Upgrade and replace existing highway lighting.</i>	DES	100	80	20							Interstate Maintenance
	CON							4,000	3,600	400	Interstate Maintenance
S70 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Puuloa Separation <i>Retrofit current bridge to meet current State seismic criteria.</i>	DES				1,230	985	245				Bridge On-System
S71 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Ramp "A" <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES							875	700	175	Bridge On-System
S73 Nimitz Highway Resurfacing, Waiakamilo Road to Sumner Street <i>Resurface existing roadway.</i>	CON							12,000	9,600	2,400	National Highway System
S74 North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1 <i>Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.</i>	ROW	500	400	100							STP Flexible
	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 <i>Develop a mature pedestrian safety program to reduce the number of pedestrian injuries and fatalities of Oahu's senior population.</i>	PLN	120	95	25							STP Enhancement

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S76 Sand Island Tunnel - Kalihi Channel <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
S78 Traffic Signal Modernization at Various Locations <i>Replace existing traffic signal systems along Waialae Avenue, Nimitz Highway, Farrington Highway, Pali Highway, and Likelike Highway. Provide interconnection of signalized intersections, upgrade existing traffic signal systems, and install closed circuit television for the Freeway Management System.</i>	CON	4,500	3,600	900							Congestion Mitigation and Air Quality
S79 Traffic Signal Retrofit with LED Signal Heads <i>Replace existing incandescent signal heads with LED signal heads.</i>	CON	2,400	1,920	480							Congestion Mitigation and Air Quality
S80 Vanpool Program <i>Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.</i>	OPER	800	800	0	800	800	0	800	800	0	Congestion Mitigation and Air Quality FHWA funds transferred from FTA Sec. 5307 (C17 below)
	OPER	1,040	1,040	0	1,040	1,040	0	1,040	1,040	0	
OAHU : STATE - FHWA TOTAL		86,070	69,062	17,008	93,400	73,845	19,555	111,360	87,825	23,535	

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CITY & COUNTY OF HONOLULU - FHWA												
C1	Bridge Inspection and Appraisal Program <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
C2	Computerized Traffic Control System <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>	DES	200	160	40	200	160	40	200	160	40	STP Flexible
		CON	2,000	1,600	400	1,400	1,000	400	1,400	1,000	400	STP Flexible
C3	Honolulu Traffic Control Center Operations <i>Operate and maintain the Traffic Control Center. Includes labor, utilities, equipment, management, and administrative costs.</i>	OPER	300	240	60	300	240	60	300	240	60	Congestion Mitigation and Air Quality
C4	Kamehameha Highway Bridge Over Anahulu Stream (Anahulu Bridge) <i>(Haleiwa) Construct and inspect bridge/culvert improvements at the Anahulu Bridge.</i>	CON	2,400	0	2,400							Local
C18	Kamokila Boulevard Extension <i>Plan, design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.</i>	PLN	50	40	10							STP Flexible
		DES	200	160	40							STP Flexible
		CON	1,000	0	1,000	1,000	500	500				STP Flexible
C19	Kapolei Parkway, Unit 1 <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
C21	Kapolei Parkway, Unit 2 <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road.</i>	PLN				500	0	500				Local

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

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C22 Kapolei Parkway, Unit 3 <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Aliinui Drive to Kalaeloa Boulevard.</i>	PLN							500	0	500	Local
C5 Preventive Maintenance of Various City Streets <i>Preventive maintenance / pavement preservation (cold planing and resurfacing) of various City streets.</i>	CON				3,000	2,000	1,000	3,000	2,000	1,000	STP Flexible
C20 Rehabilitation of Streets, Unit 5A <i>Construct concrete bus lanes and rehabilitate Beretania Street, between King and Alapai Streets.</i>	CON	6,500	5,200	1,300							STP Flexible
C10 Rehabilitation of Streets, Unit 9, Phase I <i>Rehabilitate Kapiolani Boulevard (Kalakaua Avenue to Ward Avenue) and Atkinson Drive.</i>	CON				11,000	9,000	2,000	12,000	10,000	2,000	STP Flexible
C6 Salt Lake Boulevard, Halawa Stream Bridge Rehabilitation <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
C7 Salt Lake Boulevard Widening, Phase 2B <i>Complete Salt Lake Boulevard Widening project, from Maluna Street to Ala Liliko Street.</i>	DES	1,500	0	1,500							Local
	CON				3,000	2,000	1,000				STP Flexible
C8 Seismic Bridge Retrofit, Various County Bridges <i>Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, prepare plans and specifications for construction incorporating the retrofit measures.</i>	DES	350	0	350	350	280	70	350	280	70	Bridge Off-System
	CON				600	480	120				Bridge Off-System
C9 Traffic Signals at Various Intersections <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>	DES	200	160	40	200	160	40	200	160	40	STP Flexible
	CON	800	640	160	2,000	1,600	400	2,000	1,600	400	STP Flexible
C&C OF HONOLULU - FHWA TOTAL		15,800	8,440	7,360	25,450	18,800	6,650	23,900	17,720	6,180	

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)	
S81 Ferry Boat Acquisition <i>Design and engineering for acquisition of four 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/EQP	6,250	5,000	1,250							Section 5309 New Starts
OAHU : STATE - FTA TOTAL		6,250	5,000	1,250	0	0	0	0	0	0	

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)	
CITY & COUNTY OF HONOLULU - FTA											
C11	Bus and Handi-Van Acquisition Program <i>Purchase replacement buses and paratransit buses. FY 2004 = 45 buses (40-foot) + 18 paratransit buses (<30-foot). FY 2005 = 44 buses (40-foot) + 12 paratransit buses (<30-foot). FY 2006 = 70 buses (40-foot) + 6 paratransit buses (<30-foot).</i>										
	EQP	7,886	6,309	1,577	6,175	4,940	1,235	7,150	5,702	1,448	Section 5307 Section 5309 Bus Capital Sec 5309 Fixed Guideway Modernization Local
	EQP				7,749	6,199	1,550	5,337	4,270	1,067	
	EQP	2,925	2,340	585	1,300	1,040	260				
	EQP	5,264	0	5,264				10,725	0	10,725	
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>										
	DES	20	0	20							Local Section 5309 Bus Capital Section 5309 Bus Capital Sec. 5307 (TE) Local
	DES				600	480	120				
	CON	13,549	4,670	8,879				5,449	4,359	1,090	
	CON							651	521	130	
	RELOC	1	0	1							
C16	Preventive Maintenance <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
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 Federal Transit Administration's National Transit Database.</i>										
	OPER	1,040	1,040	0	1,040	1,040	0	1,040	1,040	0	Section 5307 Urbanized Area Formula
C14	Wahiawa Transit Center <i>Construct a transit center in Wahiawa on the corner of California Avenue and North Cane Street.</i>										
	ROW	727	0	727							Local Section 5309 Bus Capital Sec. 5307 (TE)
	CON	1,740	1,392	348							
	CON	260	208	52							

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)	
C15 Waianae Transit Center <i>Construct a transit center in Waianae on Leihoku Street, mauka of Farrington Highway.</i>											Local Section 5309 Bus Capital Sec. 5307 (TE)
	ROW	775	0	775							
	CON	1,750	1,347	403							
	CON	250	200	50							
C&C OF HONOLULU - FTA TOTAL		62,812	38,806	24,006	43,489	34,999	8,490	56,977	37,192	19,785	