

## 12.0 TIP PROJECTS

### 12.1 PROJECT LISTING

The OahuMPO Policy Committee selected highway and transit projects for inclusion in the FYs 2008 to 2011 TIP. The TIP project listing below is in alphabetical order and is grouped by project sponsor and federal funding. A TIP project identification number is also identified for each project. A project number preceded by an “S” represents a State-sponsored project and a project number preceded by a “C” represents a City-sponsored project.

PROJECT NUMBER	PROJECT NAME	TOTAL AMOUNT PROGRAMMED					ESTIMATED TOTAL PROJECT COST <sup>2</sup>	
		FY 2008 (x \$1000)	FY 2009 (x \$1000)	FY 2010 (x \$1000)	FY 2011 (x \$1000)	(For information only) FY 2012 (x \$1000)	FY 2013 (x \$1000)	(x \$1000)
<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S97	Ala Moana Boulevard and Nimitz Highway, Resurfacing, Fort Street Mall to Holomoana Street	0	17,000	0	0	0	0	18,000
S01	Ala Moana Boulevard, Intersection Improvements, Piikoi Street	0	50	0	500	0	0	550
S02	Castle Hills Access Road Drainage Improvements	5,000	0	0	0	0	0	13,100
S03	Farrington Highway, Bridge Rehabilitation, Kaupuni Stream Bridge	0	0	1,500	0	510	9,700	11,710
S04	Farrington Highway, Bridge Replacement, Maipalaoa Bridge	0	0	350	0	12,500	0	15,215
S05	Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A	100	0	900	12,500	0	0	14,930
S06	Farrington Highway, Intersection Improvements, Haleakala Avenue	3,000	0	0	0	0	0	3,110
S07	Farrington Highway, Intersection Improvements, Lualualei Homestead Road	0	500	0	4,000	0	0	4,550

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S08	Farrington Highway, Intersection Improvements, Nanakuli Avenue	3,000	0	0	0	0	0	3,110
S09	Fort Barrette Road, Widening, Farrington Highway to Barber's Point Gate	200	0	20,000	0	0	0	23,000
S10	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1B	4,000	4,000	0	0	0	0	44,000
S11	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C	0	1,825	10,000	0	0	0	44,000
S12	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2A	0	0	1,825	0	10,000	0	44,000
S13	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2B	0	0	0	1,825	0	10,000	44,000
S14	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager	0	1,500	0	0	0	0	1,500
S15	Freeway Service Patrol	0	2,000	0	0	0	0	2,000
S16	Guardrail and Shoulder Improvements, Various Locations	0	250	0	1,000	0	0	1,250
S17	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	0	4,300	0	0	0	0	4,550
S18	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street	0	4,000	0	0	0	0	4,250
S19	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue, Phase 1	0	0	6,000	0	0	0	13,000

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S20	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue, Phase 2	0	0	0	0	6,000	0	13,000
S21	Interstate Route H-1, Kapolei Interchange, Phase 2	0	0	0	0	25,000	0	27,400
S22	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	0	0	1,000	0	0	0	25,000
S23	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1	0	5,000	0	0	0	0	50,000
S24	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	0	0	0	10,000	0	0	50,000
S25	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 3	0	0	0	0	0	10,000	50,000
S27	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phases 4 & 5	0	0	0	0	1,500	0	50,000
S28	Interstate Route H-1, PM Contraflow, Westbound	0	20,000	0	0	0	0	165,000
S29	Interstate Route H-1, PM Zipper Lane, Westbound	2,000	0	0	0	0	0	165,000
S31	Interstate Route H-1, Seismic Retrofit, Farrington Highway Separation, Makakilo Separation, and Military Road Overpass	80	3,850	0	0	0	0	4,530
S32	Interstate Route H-1, Seismic Retrofit, Pali Highway Overpass and Nuuanu Avenue Separation	0	3,355	0	0	0	0	4,040
S34	Interstate Route H-1, Waiiau Interchange to Halawa Interchange, Widening, Eastbound	0	0	0	4,000	0	0	100,000

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S35	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	0	0	0	3,000	0	0	23,000
S36	Interstate Route H-1, Ward Avenue On-Ramp to University Interchange, Eastbound	0	1,500	0	0	850	0	17,000
S37	Interstate Route H-3, H-3 Finish, Unit VIIC	500	0	0	0	0	0	2,300
S38	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard Interchange	0	0	0	2,780	0	0	3,317
S39	Interstate Routes H-1 and H-2, Destination Sign Upgrade/Replacement	0	2,500	0	2,500	0	0	5,500
S40	Kahekili Highway Improvements in the Vicinity of Hui Iwa Street	4,100	0	0	0	0	0	4,500
S41	Kalaeloa Roadway, Improvements, Vicinity of Barber's Point Naval Air Station	0	900	0	0	0	6,800	13,700
S42	Kalaniana'ole Highway, Bicycle Improvements, Waimanalo Beach Park to Makapuu	0	1,000	0	0	0	0	1,633
S43	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park	250	0	0	0	0	0	40,000
S44	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	0	0	12,000	0	0	0	40,000
S45	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	0	750	0	0	12,000	0	40,000
S46	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III	0	0	0	0	0	750	40,000

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S47	Kalaniana'ole Highway, Improvements, Retaining Wall at Makapuu	11,400	0	0	0	0	0	12,600
S48	Kalaniana'ole Highway, Improvements, Vicinity of Hawaii Kai Drive to Keahole Street	2,800	0	0	0	0	0	3,700
S49	Kalaniana'ole Highway, Inoaole Stream Bridge Replacement	100	0	500	6,600	0	0	8,000
S50	Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge	500	0	8,800	0	0	0	10,000
S51	Kamehameha Highway, Bridge Rehabilitation, Kawailoa Stream Bridge	0	0	600	0	470	2,375	3,445
S52	Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge	0	250	0	2,500	0	0	3,475
S53	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	600	0	0	225	0	2,750	3,575
S54	Kamehameha Highway, Bridge Rehabilitation, Waikane Stream Bridge	600	0	0	240	0	2,850	3,690
S55	Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge	0	0	380	0	3,000	0	3,970
S56	Kamehameha Highway, Bridge Replacement, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu	0	0	3,500	0	0	0	4,200
S57	Kamehameha Highway, Bridge Replacement, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu	0	0	3,500	0	0	0	4,200
S58	Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	0	0	0	0	750	400	1,150

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S59	Kamehameha Highway, Bridge Replacement, Kalauao Springs Bridge, Eastbound	0	0	0	0	750	500	9,250
S60	Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge	700	0	0	8,500	0	0	10,065
S61	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	150	0	8,000	0	0	0	9,200
S62	Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge	9,000	0	0	0	0	0	10,265
S63	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	900	0	0	9,500	0	0	11,620
S64	Kamehameha Highway, Bridge Replacement, South Punaluu Stream Bridge	0	16,200	0	0	0	0	17,500
S65	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge	0	0	970	0	15,000	0	18,491
S66	Kamehameha Highway, Bridge Replacement, Waiahole Bridge	640	9,365	0	0	0	0	10,500
S68	Kamehameha Highway, Intersection Improvements, Kuilima Drive	300	6,000	0	0	0	0	7,500
S69	Kamehameha Highway, Lighting Improvements, Kawaipuna Street to North Punaluu Bridge	0	0	3,100	0	0	0	3,500
S71	Kamehameha Highway, Rockfall Protection, Vicinity of Kahuku	1,000	0	0	4,000	0	0	5,000
S72	Kamehameha Highway, Rockfall Protection, Vicinity of Wahiawa Town	0	0	0	500	0	0	3,000

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S73	Kamehameha Highway, Rockfall Protection, Waimea Bay	1,500	0	8,500	0	0	0	10,000
S75	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	0	0	0	500	0	5,200	5,700
S76	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	0	0	0	840	0	10,000	10,840
S77	Kamehameha Highway, Shoreline Protection, Vicinity of Kawaiiloa Beach	0	0	0	400	0	0	2,000
S74	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	0	0	5,300	0	0	0	6,000
S78	Kamehameha Highway, Traffic Improvements, Kahuluu to Waimea Bay	0	0	0	1,000	0	12,500	14,500
S79	Kamehameha Highway, Wetland Enhancement, Vicinity of Ukoa Pond	0	0	0	5,500	0	0	6,000
S80	Kamehameha Highway, Widening, Lanikuhana Avenue to Ka Uka Boulevard	0	0	0	0	4,000	3,000	130,000
S81	Leeward Bikeway, Phase 1, Waipio Point Access Road to Hawaii Railroad Society Train Station	800	0	4,000	0	0	0	15,675
S82	Leeward Bikeway, Phase 2, Hawaii Railroad Society Train Station to Lualualei Naval Road	0	0	2,500	0	3,575	0	15,675
S83	Likelike Highway, Intersection Improvements, Kahekili Highway	0	50	0	300	0	0	350
S84	Moanalua Freeway and Interstate Route H-2, Guardrail and Shoulder Improvements	0	4,600	0	0	0	0	4,850

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<b>FHWA- FUNDED PROJECTS</b>								
<b><u>State of Hawaii - Sponsored Projects</u></b>								
S86	Moanalua Freeway, Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	0	0	0	0	5,400	0	7,500
S85	Moanalua Freeway, Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	0	0	2,000	0	0	0	7,500
S87	Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Ramp "A"	0	0	0	0	3,550	0	4,425
S88	Moanalua Freeway, Seismic Retrofit, Puuloa Separation, Ramps "B" and "C"	0	0	0	0	5,700	0	6,930
S89	Nimitz Highway, Intersection Improvements, Valkenburgh Street	0	1,500	0	0	0	0	2,000
S90	North-South Road, Kapolei Parkway to Vicinity of H-1 Freeway, Phase II	0	0	0	0	0	2,000	200,000
S91	Pali Highway, Castle Junction, Rockfall Protection, Kailua Bound	0	1,000	0	0	4,500	0	5,500
S92	Pali Highway, Intersection Improvements at School Street	0	50	0	200	0	0	250
S93	Traffic Signal Modernization, Various Locations, Waiialae Avenue and Nimitz, Farrington, Pali, and Likelike Highways	4,500	0	0	0	0	0	5,000
S95	Vanpool Program, Oahu	2,000	2,000	2,000	2,000	2,000	2,000	12,000
S96	Vineyard Boulevard, Improvements, Vicinity of Queen's Medical Center	10,000	0	0	0	0	0	10,000
<b>State of Hawaii - FHWA Total</b>		<b>69,720</b>	<b>115,295</b>	<b>107,225</b>	<b>84,910</b>	<b>117,055</b>	<b>80,825</b>	<b>1,905,336</b>

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<b>FHWA- FUNDED PROJECTS</b>									
<b><u>City and County of Honolulu - Sponsored Projects</u></b>									
C01	Alapai Transportation Management Center	73,390	0	0	0	0	0	73,390	
C02	Bridge Inspection and Appraisal	350	420	450	450	450	450	2,570	
C03	Computerized Traffic Control System	3,471	3,481	3,481	3,481	3,555	3,555	20,249	
C04	Kapiolani Boulevard Reconstruction, Phases 1 and 2	0	22,000	0	30,000	0	0	52,000	
C05	Kapunahala Stream Flood Control Project	100	10,000	0	0	0	0	10,100	
C06	Makakilo Drive Extension	3,000	0	34,499	0	0	0	37,500	
C08	Seismic Bridge Retrofit	450	0	1,500	0	600	0	2,550	
C10	Traffic Improvements at Various Locations	2,290	1,200	1,200	1,200	1,200	1,200	8,290	
C11	Traffic Signal Maintenance Facility	3,860	21	0	0	0	0	3,881	
C12	Traffic Signal Optimization	1,500	1,250	1,250	1,250	563	375	6,188	
C13	Traffic Signals at Various Locations	3,032	3,397	3,397	3,397	3,397	3,397	19,392	
C14	Waipio Point Access Road Improvements	4,950	0	0	0	0	0	4,950	
<b>City and County of Honolulu - FHWA Total</b>		<b>96,393</b>	<b>41,769</b>	<b>45,777</b>	<b>39,778</b>	<b>9,765</b>	<b>8,977</b>	<b>241,060</b>	
<b>FHWA TOTAL</b>		<b>166,113</b>	<b>157,064</b>	<b>153,002</b>	<b>124,688</b>	<b>126,820</b>	<b>89,802</b>	<b>2,146,396</b>	

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<b>FTA- FUNDED PROJECTS</b>								
<b><u>City and County of Honolulu - Sponsored Projects</u></b>								
C15	Alapai Transit & Joint Traffic Management Center	5,503	0	0	0	0	0	5,503
C16	Bus and Handi-Van Acquisition Program	25,170	21,250	21,250	21,250	34,000	34,000	156,920
C17	Honolulu High Capacity Transit Corridor Project	85,000	265,000	255,000	305,000	305,000	305,000	3,600,000
C18	Intra-Island Ferry	5,400	3,500	0	0	0	0	8,900
C19	Middle Street Intermodal Center	17,500	36,000	0	0	0	0	53,500
C20	Preventive Maintenance	37,092	38,483	39,926	41,423	42,976	44,588	244,488
C21	Transfer to FHWA for Vanpool	1,230	1,265	1,300	1,337	1,374	1,413	7,919
C22	Transit Security Projects	452	452	452	452	452	452	2,712
C23	West Oahu Bus and Handi-Van Maintenance Facility	0	1,251	21,003	0	0	0	22,254
C24	Windward Transit Center	0	101	222	2,314	0	0	2,637
<b>City and County of Honolulu - FTA Total</b>		<b>177,347</b>	<b>367,302</b>	<b>339,153</b>	<b>371,776</b>	<b>383,802</b>	<b>385,453</b>	<b>4,104,833</b>
<b>FTA TOTAL</b>		<b>177,347</b>	<b>367,302</b>	<b>339,153</b>	<b>371,776</b>	<b>383,802</b>	<b>385,453</b>	<b>4,104,833</b>

<sup>2</sup> Estimated total project cost may extend beyond the four years of the TIP.