

**Oahu Metropolitan Planning Organization**  
**Transportation Improvement Program**  
**Annual Listing of Projects Obligated in Federal Fiscal Year 2007**  
**September 30, 2007**

**Transportation Improvement Program**

The Transportation Improvement Program (TIP) describes and prioritizes surface transportation programs and projects that the Oahu Metropolitan Planning Organization (OahuMPO) Policy Committee has selected for implementation during the program period. The TIP is the adopted list of public transit, highway, bicycle, and pedestrian projects that will receive federal transportation funds in the near future. Pedestrian walkways and bicycle transportation facilities are often included in larger projects in the TIP, as noted in the individual project descriptions. The TIP needs to be financially constrained; that is, there must be a reasonable expectation that projects that are identified will have the necessary federal and local funding.

This report documents the status of projects in the FYs 2006-2008 TIP that were programmed in federal fiscal year (FY) 2007. The report also contains a list of projects that were programmed prior to FY 2007, but received additional obligations in FY 2007. Details on federal funds programmed for the projects in subsequent years are contained in the FYs 2008-2011 TIP.

The FYs 2008-2011 TIP was approved by the OahuMPO Policy Committee in July 2007. A description of the TIP process is included in the FYs 2006-2008 TIP, as well as the FYs 2008-2011 TIP. Both TIP documents are available on the OahuMPO website.<sup>1</sup>

**Project Obligations**

Federal funds must be obligated (i.e., set aside) in order to begin work on any federally-funded phase of a transportation project. Once the federal funds are obligated for a particular task, the funds can be then used to pay for the task. This does not necessarily mean that the work on the project is underway. It may take awhile, for example, to select and hire a consultant for the job.

This report indicates that more than \$260 million in federal funds were obligated for 27 transportation projects between October 1, 2006 and September 30, 2007. The federal funding consisted of approximately \$155 million in Federal Highway Administration (FHWA) funds for road, bicycle, and pedestrian facilities; and \$106 million in Federal Transit Administration funds for transit projects. Four projects programmed prior to FY 2007 received a total of about \$1.5 million in additional FHWA obligations in FY 2007.

The OahuMPO does not participate in the project obligation process. Information in this report was provided by the City and County of Honolulu Department of Transportation Services and the Hawaii Department of Transportation.

---

<sup>1</sup> [www.OahuMPO.org](http://www.OahuMPO.org)

**PROJECTS PROGRAMMED PRIOR TO FY 2007  
THAT WERE REVISED TO INCREASE OBLIGATIONS IN FY 2007**

PROJECT	PHASE	FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS
			FEDERAL (x\$1000)	
<b><u>PROJECTS PROGRAMMED IN FY 2006 OF THE FYs 2006-2008 TIP</u></b>				
Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1A	CON	NHS	\$154	Obligated
Interstate Route H-1, Deck Repair, Airport Viaduct, MP 15.73 to MP 18.52	CON	Earmark High Priority	\$703	Obligated
<b><u>PROJECTS PROGRAMMED IN THE FYs 2004-2006 TIP</u></b>				
Kamehameha Highway, Bridge Replacement, South Punaluu Bridge	ROW	Bridge On-System	\$152	Obligated
Moanalua Freeway, Seismic Retrofit, Puuloa Interchange	DES	Bridge On-System	\$485	Obligated
<b>Total</b>			<b>\$1,494</b>	

**STATUS OF PROJECTS  
PROGRAMMED IN FY 2007 OF THE FYs 2006-2008 TRANSPORTATION IMPROVEMENT PROGRAM**

PROJECT	PHASE	PROGRAMMED IN FY 2007 AS OF TIP AMENDMENT #12			FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)		
<b>STATE OF HAWAII PROJECTS</b>								
<b>FEDERAL HIGHWAY ADMINISTRATION (FHWA)-FUNDED PROJECTS</b>								
<b>S74</b>	<b>Castle Hills Access Road Drainage Improvements</b> <i>The project consists of the acquisition of a total of ten (10) private properties located within the Castle Hills and Kahelelani subdivisions and the construction of a reinforced concrete drop structure, maintenance access road, chain link fence and certain drainage improvements, including installation of Best Management Practices (BMPs), erosion control measures and a detention basin, along a portion of Kapunahala Stream in the vicinity of Pookela Street, Kupohu Street and Pilina Place in Kaneohe.</i>	CON	4,000	4,000	0	Section 115	\$0	This project is deferred due to relocation issues. Also, categorical exclusion has not been completed. This project is listed in FY 2008 of the FY 2008-2011 TIP.
<b>S63</b>	<b>Interstate Route H-1, Addition and Modification of Freeway Access, Makalilo IC to Palailai IC (Kapolei IC Complex)</b> <i>Improve/modify freeway access to Interstate Route H-1 between Makalilo IC and Palailai IC (Kapolei Interchange Complex)</i> Phase 1	CON	4,000	4,000	0	Earmark Section 117	\$3,936	Obligated
		CON	3,100	3,100	0	FTA Transfer	\$3,200	
		CON	800	800	0	Earmark High Priority	\$800	
		CON	11,600	10,100	1,500	Interstate Maintenance	\$10,923	
<b>S67</b>	<b>Interstate Route H-1, Pavement Preventative Maintenance Waikele Stream Bridge to Waipahu Street</b> <i>Maintenance level improvements to travelway to extend the life of the roadway and prevent the need for full reconstruction in the near future.</i>	CON	4,500	4,050	450	Interstate Maintenance	\$4,937	Obligated
<b>S22</b>	<b>Interstate Route H-2 Rehabilitation, Waipio IC On/Off-Ramps, Ka Uka Blvd &amp; Meheula Pkwy Overpasses and Kipapa Stream Bridge</b> <i>Resurface existing roadway.</i>	CON	15,000	13,500	1,500	Interstate Maintenance	\$15,818	Obligated
<b>S23</b>	<b>Interstate Route H-3, H-3 Finish, Unit VIIB</b> <i>Construct stream channel improvements near the Animal Quarantine Station in Halawa Valley.</i>	CON	1,500	1,350	150	Discretionary	\$808	Obligated
<b>S28</b>	<b>Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park</b> <i>Improvements to Kalaniana'ole, including constructing turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, upgrading traffic signals, utility relocation, drainage improvements, and other miscellaneous improvements. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	DES	800	640	160	NHS	\$660	Obligated
<b>S32</b>	<b>Kamehameha Highway, Bridge Replacement Kawela Stream Bridge</b> <i>Replacement of Kawela Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	150	120	30	Bridge On-System	\$0	This project has been deferred to FY 2008. This project is listed in FY 2008 of the FY 2008-2011 TIP.

PROJECT	PHASE	PROGRAMMED IN FY 2007 AS OF TIP AMENDMENT #12			FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)	
<b>S39</b> Kamehameha Highway, In-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu <i>Replacement of the in-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	500	400	100	Bridge On-System	\$62	Obligated
<b>S41</b> Kamehameha Highway, Out-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu <i>Replacement of the out-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	500	400	100	Bridge On-System	\$60	Obligated
<b>S52</b> Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaiian Railroad Society Train Station  <i>Construct a 10-foot wide shared use facility within the former Oahu Railway and Land Company 40-foot right-of-way.</i>	ROW	800	640	160	STP Enhancement	\$0	The design contract has not yet been executed. Right-of-way is expected to be ready in FY 2008. This project is listed in FY 2008 of the FY 2008-2011 TIP.
<b>S58</b> North/South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase IB <i>Construct North/South Road from Farrington Highway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	CON	20,803	16,642	4,161	CMAQ	\$13,073	Obligated
Phase 1B: Farrington Hwy to Kapolei Parkway	CON	17,178	13,742	3,436	STP Flexible	\$9,249	
	CON	6,250	5,000	1,250	High Priority Trans. Imp.	\$29,750	
Phase 1C: Farrington Hwy to H-1 Freeway	CON	28,250	22,600	5,650	STP Flexible	\$43,467	
	CON	43,750	35,000	8,750	Earmark High Priority	\$9,061	
<b>S61</b> Vanpool Program, Oahu <i>Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.</i>	OPR	800	800	0	CMAQ	\$1,716	Obligated
	OPR	1,164	1,164	0	FHWA Fund x-fer from FTA Sec. 5307	\$1,122	
<b>S75</b> Ways to Work Program <i>The purpose of this program is to assist qualified low-income families with small loans to purchase or repair automobiles that will be used to provide access to jobs, schools, and day care facilities.</i>	OPR	250	250	0	Section 112	\$248	Obligated
<b>STATE - FHWA TOTAL</b>		<b>165,695</b>	<b>138,298</b>	<b>27,397</b>		<b>\$148,890</b>	

PROJECT	PHASE	PROGRAMMED IN FY 2007 AS OF TIP AMENDMENT #12			FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS	
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)		
<b>CITY AND COUNTY OF HONOLULU PROJECTS</b>								
<b>FHWA-FUNDED PROJECTS</b>								
<b>C1</b>	<b>Alapai Transit Center &amp; Joint Traffic Management Center</b> <i>Plan, design, and construct a transit center and joint traffic management center at existing Alapai Express Bus Terminal. The traffic management center building will also provide space for the Honolulu Police Department, Emergency Management Services' dispatch center, and the Department of Transportation Services.</i>	DES	2,000	1,600	400	CMAQ	\$1,600	Initiated procurement of program manager.
<b>C2</b>	<b>Bridge Inspection and Appraisal</b> <i>Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs.</i>	DES	350	280	70	Bridge Off-System	\$280	FHWA & State approved authorization to go out to bid.
<b>C26</b>	<b>Computerized Traffic Control System Phase 10</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>	CON	2,000	1,600	400	STP Flexible	\$0	Deferred
<b>C27</b>	<b>Computerized Traffic Control System Phase 11</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>	DES	300	240	60	STP Flexible	\$240	Initiated procurement of design consultant.
<b>C5</b>	<b>Honolulu Traffic Control Center Operations</b> <i>Operate and maintain the Traffic Control Center, including labor, utilities, equipment, management, and administrative costs.</i>	OPR	960	768	192	CMAQ	\$0	Deferred
<b>C6</b>	<b>Kamokila Boulevard Extension</b> <i>Design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.</i>	DES	400	0	400	Local	NA	Finalizing construction bid documents.
<b>C10</b>	<b>Seismic Bridge Retrofit</b> <i>Conduct site inspections, conduct seismic evaluations, identify alternative schemes for seismic retrofit, prepare plans and specifications for construction incorporating the retrofit.</i>	DES	450	360	90	Bridge Off-System	\$0	Replaced with local funds. Pursuing the Pale Kane project.
<b>C11</b>	<b>Traffic Signal Maintenance Facility</b> <i>Design, construct, and equip a new traffic signal operating and maintenance facility.</i>	DES	250	200	50	STP Flexible	\$200	Consultant selected and subject to City approval.
<b>C29</b>	<b>Traffic Signal Optimization, Phase 3</b> <i>Analyze, develop, and implement new signal timing plans on various roadways to improve the flow of vehicular traffic.</i>	DES	450	360	90	STP Flexible	\$360	Consultant selected and subject to FHWA approval.
<b>C30</b>	<b>Traffic Signal Optimization, Phase 4</b> <i>Analyze, develop, and implement new signal timing plans on various roadways to improve the flow of vehicular traffic.</i>	DES	450	360	90	STP Flexible	\$360	In the process of procuring a design consultant.

PROJECT	PHASE	PROGRAMMED IN FY 2007 AS OF TIP AMENDMENT #12			FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)	
<b>C33 Traffic Signals at Various Intersections Phase 9</b> <i>Install and upgrade traffic signals islandwide, including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.</i> Phase 9	CON	2,000	1,600	400	STP Flexible	\$1,600	Initiated procurement of design consultant.
<b>C34 Traffic Signals at Various Intersections Phase 10</b> <i>Install and upgrade traffic signals islandwide including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.</i> Phase 10	DES	250	200	50	STP Flexible	\$200	Consultant selected and subject to State and FHWA approval.
<b>C&amp;C HONOLULU - FHWA TOTAL</b>		<b>9,860</b>	<b>7,568</b>	<b>2,292</b>		<b>\$4,840</b>	

PROJECT	PHASE	PROGRAMMED IN FY 2007 AS OF TIP AMENDMENT #12			FUNDING CATEGORY	AMOUNT OBLIGATED IN FY 2007	PROJECT STATUS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)	
<b>FEDERAL TRANSIT ADMINISTRATION (FTA)-FUNDED PROJECTS</b>							
<b>C15 Bus &amp; Handi-Van Acquisition Program</b> <i>Purchase replacement buses for fixed route and paratransit services: FY 2006: 9 60' buses &amp; 20 &lt;30' buses; FY 2007: 6 60' buses</i>	EQUIP	1,700	1,360	340	FTA §5309 Fixed Guideway Mod.	HI050201 9/18/2007 \$1,360	Initiated procurement
	EQUIP	3,400	2,720	680	FTA §5309 New Starts	\$0	Awaiting grant award; application for §5309 New Starts was submitted on 8/7/2007.
	EQUIP	1,990	1,592	398	FTA §5309 New Starts	\$0	
<b>C16 Honolulu High Capacity Transit</b> <i>Conduct preliminary engineering and prepare final environmental impact statement on the locally-preferred high capacity transit alternative. The locally-preferred alternative will be identified through the alternatives analysis phase, which includes a draft environmental impact statement.</i>	DES	50,000	4,437	45,563	FTA §5307	\$0	Engineering activities to support NEPA are currently being conducted with local funds.
<b>C17 Middle Street Intermodal Center</b> <i>Develop multi-use facility at Middle Street to include handi-van, regional transit center, parking, and amenities.</i>	DES	1,600	0	1,600	Local		Deferred; reprogrammed in FYs 2008-2011 TIP.
	CON	15,675	6,826	8,849	FTA §5309 Bus Capital	\$0	
	CON	53	42	11	FTA §5307	\$0	
	EQP	300	240	60	FTA §5309 Bus Capital	\$0	
<b>C18 Oahu Intra-Island Ferry</b> <i>Conduct an operational demonstration project from Kalaeloa to Honolulu Harbor. Type and location of landside improvements will be identified during the demonstration; design and construction will commence after environmental clearance is received.</i>	PLN	1,250	1,000	250	FTA §5309 New Starts (Ferry)	HI030043 6/26/2007 \$0	Limited revenue service commenced on 9/17/2007; full service commenced on 9/26/2007.
	OPR	4,375	3,500	875	FTA §5309 New Starts (Ferry)	\$3,000	
<b>C19 Preventive Maintenance</b> <i>Federal capital assistance for TheBus and TheHandi-Van maintenance costs.</i>	OPR	26,250	21,000	5,250	FTA §5307	HI90X025 \$39,310 \$21,160	Drawdown received in August 2007 & reimbursed to the City.
<b>C20 Transfer to FHWA for Vanpool</b> <i>FTA Section 5307 funds to be transferred to FHWA for Hawaii DOT's Vanpool program.</i>	OPR	1,164	1,164	0	FTA §5307	\$1,207	DTS submitted to OahuMPO on July 11 a request for FTA to transfer funds to FHWA .
<b>C22 Transit Related Safety and Security Projects</b> <i>Capital projects at various locations to improve security/safety at bus stops, park-and-ride lots, and bus facilities.</i>	EQP	200	160	40	FTA §5307	HI90X025 \$39,310 \$160	Procuring consultant services.
<b>C&amp;C HONOLULU - FTA TOTAL</b>		<b>107,957</b>	<b>44,041</b>	<b>63,916</b>		<b>\$105,507</b>	