

Baseline Projects Report Oahu Regional Transportation Plan 2035 Project

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ORTP 2035 Baseline Project List

1 *Definition of Baseline Projects for the ORTP 2035*

The analysis of baseline improvements projects provides a foundation against which to evaluate potential improvements for the Oahu Regional Transportation Plan (ORTP) 2035 scenarios. To be considered as a baseline improvement for the ORTP 2035, a project must meet the following conditions:

- Project is performance enhancing at a regional scale; AND
- Project is currently being constructed; OR
- Project is programmed for construction within the first two (2) years of the current Transportation Improvement Program (TIP), as revised.

2 *Baseline Projects*

A review of the current OahuMPO TIP for FFYs 2008 – FY2011¹ and the previous two TIPs (FFYs 2004 – 2006 and FFYs 2006 – 2008) provided the fifteen (15) projects meeting the definition of “baseline” as described above. The baseline projects for the ORTP 2035 are shown in Table 1. Review of the two previous TIPs was included to capture those baseline projects that are currently under construction or were recently constructed (after 2007), and/or those baseline projects which no longer appear in the current TIP because their funds were previously obligated. Projects constructed during or prior to 2007 would be considered part of the existing system and are not included on the baseline project list.

The table includes information from the TIPs on project type, project sponsor (i.e., City or State), project number from the relevant TIP, project title and description, and TIP funds programmed (current TIP only). The table also provides the relevant *ORTP 2030* project number, as appropriate. As described in one of the footnotes to the table, it should be noted that the TIP project(s) listed may comprise only selected portion(s) or phase(s) of a multi-phase *ORTP 2030* project or program.

In addition to the capital projects shown on the table, ongoing operations, maintenance, and preservation work (of regional significance) is also generally considered to be part of the 2035 baseline scenario. For example, the bus network supporting the Honolulu High Capacity Transit Corridor Project is considered to be part of the 2035 baseline scenario.

¹ *FFYs 2008 – 2011 Transportation Improvement Program: Projects as of Revision #13*, OahuMPO, July, 2009.

Table 1: Baseline Projects for ORTP 2035

Project Type*	City or State	TIP ID#	ORTP 2030 Project No.**	TIP Facility/Project Title	TIP Project Description	Current TIP Funds FFY 2008 (\$Millions)	Current TIP Funds FFY 2009 (\$Millions)	Total Current TIP Funds FFY2008-FFY2009	Est. Total Cost per Current TIP (\$Millions)
Projects from FFYs 2008-2011 TIP (Revision #13, July 2009)									
Highway Project(s)									
A	S	S10	4	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1B	Manage and guide the Intelligent Transportation System (ITS) program. The project includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. Phase 1 involves the development of the CCTV system.	\$4.2	\$4.0	\$8.2	\$55.0
C	S	S29	20	Interstate Route H-1, PM Zipper Lane, Westbound	Develop a PM zipper lane alternative from Radford Drive to the Waialeale Interchange.	\$0.0	\$45.0	\$45.0	\$165.0
C	S	S48	N/A	Kalaniana'ole Highway (Route 72) Improvements, Vicinity of Hawaii Kai Drive to Keahole Street (Add Lane)	Add an additional townbound lane from Hawaii Kai Drive to Keahole Street. Includes utility relocation, asphalt concrete pavement, sidewalk, highway lighting, landscaping, irrigation, guardrail, signing and pavement markings.	\$3.0	\$0.0	\$3.0	\$4.7
A	C	C03	4	Computerized Traffic Control System	This is an ARRA backup project. Should ARRA funds become available, the funds will be used for the project in the Kapolei, Makakilo, and/or Kailua areas. Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connectivity to the Traffic Control Center. Project locations vary.	\$0.4	\$3.5	\$3.9	\$17.9***
C	C	C34	N/A	Kalaehoa Boulevard (Route 95), Widening and Reconstruction, Phase 1, Oahu Railway and Land Company (O.R. & L.) Right-of-Way to Lauwiliwili Street	This is an ARRA funded project. Improve and widen Kalaehoa Boulevard, between the old O.R. & L. right-of-way and Lauwiliwili Street, to a six-lane divided roadway, meeting the City and County of Honolulu standards for dedication. Kalaehoa Boulevard is a major regional arterial roadway that serves as an access between the H-1 Freeway and the major industrial areas on Oahu. Stimulus funding will allow the project to move forward in a timely manner to better address the regional traffic and safety issues of the area.	\$0.0	\$7.0	\$7.0	\$7.0
Transit Project(s)									
E	C	C17	31	Honolulu High Capacity Transit Corridor Project [Airport Alternative will be included]	This is an ARRA-funded project. Plan, design, construct, inspect, relocate, and acquire land and equipment for a fixed guideway system between East Kapolei and Ala Moana Center.	\$85.0	\$229.3	\$314.3	\$4420.9***
E	C	C18	30	Intra-Island Ferry****	Continue ferry demonstration project operations and plan, design, and construct facilities for a ferry operation which will serve as an extension of the bus service and provide West Oahu residents with another transportation option to downtown Honolulu. The project will include, but not be limited to, parking lots, passenger terminals, and improved docking facilities.	\$4.4	\$0.0	\$4.4	\$7.5
Bicycle Project(s)									
F	S	S42	2	Kalaniana'ole Highway (Route 72), Bicycle Improvements, Waimanalo Beach Park to Makapuu	Improve bike route on Kalaniana'ole Highway, from Huli Street to Makapuu Beach Park	\$0.0	\$2.2	\$2.2	\$2.8
Projects from FFYs 2006-2008 TIP not already included above (i.e., recently constructed/currently under construction)									
Highway Project(s)									
C	S	S63	14	Interstate Route H-1, Addition and Modification of Freeway Access, Makalilo IC to Palailai IC (Kapolei IC Complex) [soon to be or currently under construction]	Improve/modify freeway access to Interstate Route H-1 between Makakilo IC and Palailai IC (Kapolei Interchange Complex) (Phase 1)	N/A	N/A	N/A	N/A
C	S	S73	N/A	Interstate Route H-1, Kinau Off-Ramp Improvements, Near Queens Medical Center [soon to be or currently under construction]	The project will construct a right-turn lane from the Kinau Off-Ramp to provide a direct access to Lusitana Street. The design includes the addition of an 11-ft wide, 200-foot long deceleration lane.	N/A	N/A	N/A	N/A
C	S	S58	N/A	North/South Road, Vicinity of Kapolei Parkway to Interstate Route H-1 [under construction]	Construct North/South Road from Kapolei Parkway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. (Phases 1B and 1C)	N/A	N/A	N/A	N/A
C	C	C6	N/A	Kamokila Boulevard Extension [construction is complete]	Construct an approximately 200-foot extension of Kamokila Boulevard from the old Oahu Railway and Land Company (O.R. & L.) right-of-way to F.D. Roosevelt Avenue.	N/A	N/A	N/A	N/A
C	C	C7	26	Kapolei Parkway [construction is substantially complete]	Design and construct Kapolei Parkway in two phases between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles).	N/A	N/A	N/A	N/A
Projects from FFYs 2004-2006 TIP not already included above (i.e., recently constructed/currently under construction)									
Highway Project(s)									
C	S	S7	N/A	Fort Weaver Road Widening, Vicinity of Aawa Street to Geiger Road [under construction]	Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.	N/A	N/A	N/A	N/A
Bicycle Project(s)									
F	S	S41	2	Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial [construction is complete]	Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.	N/A	N/A	N/A	N/A
*Key									
A = Islandwide Projects									
B = Safety and Operational Improvement Projects									
C = Congestion Relief Projects									
D = Second Access Projects									
E = Transit Projects									
F = Bicycle Projects									
**ORTP 2030 project number provided for information only. TIP project(s) listed above may comprise only selected portion(s) or phase(s) of a multi-phase ORTP 2030 project or program.									
***Amount is for FFYs 2008-2013 only									
****Operation of the intra-island ferry was terminated on June 30, 2009, and cannot be "guaranteed" to be in place in 2035.									
N/A = Not Applicable (i.e., project not listed in current TIP)									