

DEPARTMENT OF TRANSPORTATION'S  
REPORT TO LEGISLATURE  
OF  
THE STATE OF HAWAII  
REQUIRED UNDER  
SECTION 264-18 HAWAII REVISED STATUTES

**ANNUAL REPORT: "BIKEWAY PROJECTS AND  
EXPENDITURES"  
FROM  
ACT 222  
SESSION LAWS OF HAWAII 1995**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
DECEMBER 2008

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**Annual report to the Hawaii Legislature on bikeway projects and expenditures**

Introduction:

Section 264-18 Hawaii Revised Statutes requires the Department of Transportation to report annually on their bikeway projects and expenditures. In addition, at least two percent of eligible federal funds shall be expended for bikeway projects.

There are three basic forms of bicycle facilities: shared use paths, bicycle lanes, and signed shared roadways. Shared use paths create facilities for bicyclists and pedestrians that are separated from the motor vehicle roadway. They are intended for use by non-motorized vehicles with the exception of emergency vehicles, maintenance vehicles, and motorized wheelchairs. Bicycle lanes designate a section of roadway for use by bicyclists through signage, striping, and/or pavement markings. On signed shared roadways, a street or highway designated as a preferred bicycle route, bicyclists either share the motor vehicle lane or travel on the shoulder.

Bikeway Projects and Expenditures:

A summary of bikeway projects and expenditures is illustrated below in Table 1: Bikeway Projects and Expenditures. The amounts shown are federal and state funds obligated in Federal Fiscal Year 2007 (October 2006 - September 2007) for projects that had expenditures in Federal Fiscal Year 2008 (October 2007 – September 2008). Table 1 lists five stand alone bikeway projects and three additional projects that included bicycle improvements as part of the project scope. These projects include 25.1 miles of new bicycle facilities.

The Kapaa-Kealia and Lydgate-Kapaa Bicycle and Pedestrian Paths are part of a proposed 16 mile coastal shared use path on the island of Kauai. As of September 2008, 6 miles of the project have been completed (Figure 1: Kauai Coastal Path).

In addition to the shared use paths being developed on Kauai, the Leeward Bikeway and North South Road projects on Oahu will feature similar accommodations for bicyclists and pedestrians. The 13 mile Leeward Bikeway will begin at Waipio Point Access Road and end at Lualualei Naval Road. It will be a key component in the development of an east – west bicycle commuter network (Figure 2: Leeward Bikeway). Shared use paths and shoulders will also be developed along the new North South Road in Kapolei.

Two roadway bicycle projects were recently completed. Bicycle lanes were installed during the Kamehameha Highway Bikeway project near the Pearl Harbor Naval Base on Oahu (Figure 3: Kamehameha Highway Bikeway). In another project, shoulders were widening in order to designate a signed shared roadway during the Nawiliwili Road Bikeway project in Lihue, Kauai (Figure 4: Nawiliwili Road Bikeway).

Bicycle facilities are planned for two projects that will begin construction soon. The upcoming Interstate Route H-1: Phase 1 Project will add bicycle lanes to Wakea Street near the Kapolei Interchange Complex on Oahu. The Kuhio Highway Short Term Improvements Project will construct a shared bicycle and pedestrian lane for the Wailua Cane Haul Bridge.

The upcoming Kahului Airport Access Road Project in Kahului, Maui is in the early planning stages. Although bicycle facilities are planned, the exact scope of improvements is yet to be determined.

Although no construction projects with bicycle related scope have begun for Hawaii Island, there are several projects in the planning stages: Queen Kaahumanu Widening—Phase 2, Kealakehe Parkway Extension, and the Keaau Paho Shoulder Lane Conversion. Although these projects may provide bicycle facilities, it is too soon to determine the exact scope of the projects.

As noted by Table 1: Bikeway Projects and Expenditures, \$7,245,000 of federal funds were allocated to establishing bikeways statewide. This accounts for 7.46% of federal money eligible for bikeway expenditures. The Hawaii Department of Transportation exceeds the requirement of spending two percent of federal eligible funds on bikeway projects.

Table 1: Bikeway Projects and Expenditures

Project	Island	Phase*	Federal funds obligated	State highway funds	Miles
Kapaa-Kealia Bicycle & Pedestrian Path	Kauai County	Con	\$600,000	n/a	3.4
Lydgate-Kapaa Bicycle & Pedestrian Path	Kauai County	Des	\$898,973	n/a	2.0
Kuhio Highway Short Term Improvements Wailua Cane Haul Bridge Widening	Kauai State	Con	\$958,877	\$239,719	0.4
Nawiliwili Road Bikeway Kaunualii Highway - Waapa Road	Kauai State	Con	\$474,954	\$118,739	2.0
Interstate Route H-1: Phase 1 Addition & Modification of Freeway Access, Palailai Interchange to Makakilo Interchange	Oahu State	Con	\$38,879	\$9,720	0.8
Kamehameha Highway Bikeway (Radford Drive - Arizona Memorial)	Oahu State	Con	\$1,355,848	338,962	1.0
Leeward Bikeway: Phases 1 and 2 Waipio Pt Access Rd - Lualualei Naval Rd	Oahu State	Des	\$264,000	\$66,000	13.0
North-South Road H1 to Farrington Highway	Oahu State	Con	\$2,644,625	\$661,156	2.5
Kahului Airport Access Road	Maui State	Pln, ROW	\$8,844	\$2,211	n/a
<b>TOTAL BIKEWAY EXPENDITURES</b>			\$7,245,000	\$1,436,507	
<b>TOTAL ELIGIBLE FEDERAL FUNDS</b>			\$97,072,000		
<b>PERCENT BIKEWAY EXPENDITURES</b>			7.46%		
<b>COMBINED STATE AND FEDERAL EXPENDITURES</b>			\$8,681,507		

\*Pln – Planning, ROW– Rights of Way, Des – Design, Con – Construction





**Figure 3: Kamehameha Highway Bikeway**



**Figure 4: Nawiliwili Road Bikeway**