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
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 Pahoa 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

<table>
<thead>
<tr>
<th>Project</th>
<th>Island</th>
<th>Phase*</th>
<th>Federal funds obligated</th>
<th>State highway funds</th>
<th>Miles</th>
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<tbody>
<tr>
<td>Kapaa-Kealia Bicycle &amp; Pedestrian Path</td>
<td>Kauai County</td>
<td>Con</td>
<td>$600,000</td>
<td>n/a</td>
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<td>Lydgate-Kapaa Bicycle &amp; Pedestrian Path</td>
<td>Kauai County</td>
<td>Des</td>
<td>$898,973</td>
<td>n/a</td>
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<tr>
<td>Kuhio Highway Short Term Improvements Wailua Cane Haul Bridge Widening</td>
<td>Kauai State</td>
<td>Con</td>
<td>$958,877</td>
<td>$239,719</td>
<td>0.4</td>
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<td>Nawiliwili Road Bikeway Kaumualii Highway - Waapa Road</td>
<td>Kauai State</td>
<td>Con</td>
<td>$474,954</td>
<td>$118,739</td>
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<td>Interstate Route H-1: Addition &amp; Modification of Freeway Access, Palailai Interchange to Makakilo Interchange</td>
<td>Oahu State</td>
<td>Con</td>
<td>$38,879</td>
<td>$9,720</td>
<td>0.8</td>
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<td>Kamehameha Highway Bikeway (Radford Drive - Arizona Memorial)</td>
<td>Oahu State</td>
<td>Con</td>
<td>$1,355,848</td>
<td>338,962</td>
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<td>Leeward Bikeway: Phases 1 and 2 Waipio Pt Access Rd - Lualualei Naval Rd</td>
<td>Oahu State</td>
<td>Des</td>
<td>$264,000</td>
<td>$66,000</td>
<td>13.0</td>
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<td>North-South Road H1 to Farrington Highway</td>
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<td>$2,644,625</td>
<td>$661,156</td>
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<td>Kahului Airport Access Road</td>
<td>Maui State</td>
<td>Pln, ROW</td>
<td>$8,844</td>
<td>$2,211</td>
<td>n/a</td>
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</tbody>
</table>

TOTAL BIKEWAY EXPENDITURES | $7,245,000 | $1,436,507 |
TOTAL ELIGIBLE FEDERAL FUNDS | $97,072,000 |
PERCENT BIKEWAY EXPENDITURES | 7.46% |
COMBINED STATE AND FEDERAL EXPENDITURES | $8,681,507 |

Figure 1: Kauai Coastal Path

Figure 2: Leeward Bikeway
Figure 3: Kamehameha Highway Bikeway

Figure 4: Nawiliwili Road Bikeway