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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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IN REPLY REFER TO:

December 12, 2016

The Honorable Ronald D. Kouchi,
President and Members of the Senate
Twenty-Eighth State Legislature
State Capitol, Room 409
Honolulu, Hawaii 96813

The Honorable Joseph M. Souki,
Speaker and Members of the House of
Representatives
Twenty-Eighth State Legislature
State Capitol, Room 431
Honolulu, Hawaii 96813

Dear President Kouchi, Speaker Souki and Members of the Legislature:

For your information and consideration, I am transmitting a copy of the
Bikeway Projects and Expenditures Report from Act 222 of 1995.

In accordance with Act 317(12), I am also informing you that the report may
be viewed electronically at: [http://hidot.hawaii.gov/library/reports/reports-to-the-
legislature/](http://hidot.hawaii.gov/library/reports/reports-to-the-legislature/)

Sincerely,

FORD N. FUCHIGAMI
Director of Transportation

CC: Legislative Reference Bureau

DEPARTMENT OF TRANSPORTATION'S
REPORT TO THE 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 2016**

DEPARTMENT OF TRANSPORTATION'S
REPORT TO THE LEGISLATURE
OF THE STATE OF HAWAII

REQUIRED UNDER

SECTION 264-18 HAWAII REVISED STATUTES

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 2015 (October 2014 - September 2015) for projects that had expenditures in Federal Fiscal Year 2016 (October 2015 – September 2016). Table 1 lists one new standalone bikeway project and one project improving bicycle conditions. These projects include 0.9 miles of new bicycle facilities or improvements.

On the island of Kauai, the Lydgate Park to Kapaa Bicycle and Pedestrian Path is part of a proposed 20 mile Lihue to Anahola coastal shared use path on the island of Kauai. Phase A-1, the Kawaihau Elevated Boardwalk was recently obligated and will be included in next year's report calculations. Planning, right of way and design activities continue for phases C and D from Papaloa Road near the Coconut Marketplace to the bridge crossing Uhelekawawa Canal at Kuhio Highway, as well as for the Nawiliwili to Ahukini, Ahukini to Lydgate Park, and Kealia to Anahola sections. As of November 2016, 9 miles of the path have been completed. In addition, a resurfacing project that was recently completed will provide a bike lane on Olohena Road and paved shoulder on Mailihuna Road for bicyclists traveling uphill, and sharrows (pavement markings that indicate a shared roadway) and signage are provided for bicyclists traveling downhill on both roadways. In Lihue, bike lanes have been installed along Hardy Street between Kuhio Highway and Rice Street as part of the Hardy Street Safety Improvements project, completed earlier in 2016.

On the island of Oahu, the Leeward Bikeway will feature a 13 mile shared use path for bicyclists and pedestrians from the vicinity of Waipio Point Access Road to Lualualei Naval Road. It will be a key component in the development of an east – west bicycle commuter network. Phase 1 of the path from the Hawaii Railway Society Train Station to Waipio Point Access Road is in the final stages of design and is working towards obtaining environmental clearance (i.e. Section 106 – National Historic Preservation Act). Design activities for Phase 2 from the Hawaii Railway Society Train Station to Lualualei Naval Access Road are on-going. Construction of portion of the Leeward Bikeway within the limits of the Farrington Highway Intersection Improvements at Nanakuli Avenue and Haleakala Avenue will be completed by June 2017. Widened shoulders on Kamehameha Highway have been provided in some areas between Ka Uka Boulevard and Waihau Street as part of a resurfacing projects that was recently completed in October 2016. Another project that will provide bike lanes or sharrows on Hamakua Drive from Kailua road to Keolu Drive is in design. The Kalaniana'ole Highway Improvements, Phase 1, Olomana Golf Course to Vicinity of Poalima Street project will provide improved shoulders and bike route signage and is scheduled to be completed by June 2017.

On the island on Maui, the Honoapiilani Highway Realignment project (Lahaina Bypass) will also provide bicycle facilities. Phase 1B-2 from Hokiokio Place to Launiupoko was obligated for construction in 2016 and will be included on next year's report calculations. Phase 1C of the Lahaina Bypass, from the Keawe Street Extension to the Kaanapali Connector, is in design. In addition, both the Lono Avenue Pavement Rehabilitation, Phase 2, Laau Street to Makalii Street project and the Hansen Road Pavement Reconstruction, Spanish Road to Vicinity of Hana Highway project are complete and provide paved shoulders for bicycle use. The Kihei Bikeway, Phase 2, Lipoa Street to Halekuai Street project will create a multi-use path with landscaping and path lighting for bicyclists and pedestrians. It is scheduled to be complete by February 2017.

On the Island of Hawaii, the Queen Kaahumanu Widening - Phase 2, from the vicinity of Kealakehe Parkway to Keahole Airport Road is under construction and is expected to be complete by September 2017. The Keaau Pahoa Shoulder Lane Conversion, Phase 2, in the vicinity of Shower Drive was obligated for construction in 2016 and will be included on next year's report calculations. Both the Kaiminani Drive Roadway Improvements, Ahiahi Street to Vicinity of Ane Keohokalole Highway, and the Manono Street Roadway Improvements, Lanikaula Street to Kekuanaoa Street projects were completed in September 2016. These projects will provide shoulders for bicycle use.

As noted by Table 1: Bikeway Projects and Expenditures, \$2,681,254 of federal funds were allocated to establishing bikeways statewide. This accounts for 2.18% 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/local funds | Miles |
|---|-------------|--------|-------------------------|-------------------|-------|
| Kihei Bikeway, Phase 2, Lipoa Street to Halekuai Street | Maui County | Con | \$2,129,474 | \$532,368 | 0.1 |
| Kalaniana'ole Highway Improvements, Phase 1, Olomana Golf Course to Vic of Poalima Street | Oahu State | Con | \$551,780 | \$137,945 | 0.8 |
| TOTAL BIKEWAY EXPENDITURES | | | \$2,681,254 | \$670,313 | |
| TOTAL ELIGIBLE FEDERAL FUNDS | | | \$123,220,244 | | |
| PERCENT BIKEWAY EXPENDITURES | | | 2.18% | | |
| COMBINED STATE/LOCAL AND FEDERAL EXPENDITURES | | | \$3,351,567 | | |

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