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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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IN REPLY REFER TO:

December 24, 2015

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; In accordance with Act 222(95), I am also informing you that the report may be viewed electronically at:

<http://hidot.hawaii.gov/library/reports/reports-to-the-legislature/>

Sincerely,

A handwritten signature in blue ink, appearing to read "Ford N. Fuchigami", with a stylized flourish at the end.

FORD N. FUCHIGAMI
Director of Transportation

CC: Legislative Reference Bureau

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 2015**

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 2014 (October 2013 - September 2014) for projects that had expenditures in Federal Fiscal Year 2015 (October 2014 - September 2015). Table 1 lists two stand alone bikeway projects and four projects that will improve bicycle conditions. These projects include 14.3 miles of new bicycle facilities.

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. Construction of Phase A from Kuamoo Road to Papaloa Road, and Phase B from the Waipouli Drainage Canal to Lihi Park have been completed. 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 2015, 9 miles of the path have been completed. In addition, a resurfacing project that is currently under construction and expected to be completed in March 2016 will provide a bike lane on Olohena Road and a paved shoulder on Mailihuna Road for bicyclist traveling uphill, and sharrows (pavement markings that indicate a shared roadway) and signage will be provided for bicyclists traveling downhill on both roadways. In Lihue, bike lanes will be installed along Hardy Street between Kuhio Highway and Rice Street as part of the Hardy Street Safety Improvements project that is under construction

and expected to be completed in February 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 I 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 II from the Hawaii Railway Society Train Station to Lualualei Naval Access Road are on-going. Construction of a portion of the Leeward Bikeway shared use path within the limits of the Farrington Highway Intersection Improvements at Nanakuli Avenue and Haleakala Avenue is under construction and expected to be completed by May 2016. Widened shoulders on Kamehameha Highway will be provided in some areas between Kipapa Bridge and Lanikuhana Avenue as part of a resurfacing project that is under construction and expected to be completed by July 2016. Additionally, bike lanes or sharrows on portions of Diamond Head Road, Monsarrat Avenue, Makapuu Avenue and 18th Avenue have been installed, and another project that will provide bike lanes or sharrows on Hamakua Drive from Kailua Road to Keolu Drive is in design.

On the island of Maui, the Kahului Airport Access Road, Puunene Avenue to Hana Highway project, which provides shoulders for bicycle use, was opened to traffic in August 2015. The Honoapiilani Highway Realignment Project (Lahaina Bypass) will also provide bicycle facilities. Construction of phase 1A from the future Keawe Street Extension to Lahainaluna Road, and phase 1B-1 from Lahainaluna Road to Hokiokio Place has been completed. Phase 1B-2 from Hokiokio Place to Launiupoko is in the planning stage and Phase 1C from Keawe Street Extension to Kaanapali Connector Road 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 nearing completion of construction and will provide paved shoulders for bicycle use.

On the island of Hawaii, Queen Kaahumanu Widening - Phase 2, from the vicinity of Kealahou Parkway to Keahole Airport Road is under construction and expected to be completed in September 2017. The Keaau Pahoa Shoulder Lane Conversion – Phase 1 from Keaau Bypass Road to the vicinity of Shower Drive was opened to traffic in May 2015. Design for Phase 2, in the vicinity of Shower Drive is on-going. 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 project are under construction and expected to be completed in September 2016. These projects will provide shoulders for bicycle use.

As noted by Table 1: Bikeway Projects and Expenditures, \$3,339,500 of federal funds were allocated to establishing bikeways statewide. This accounts for 2.56% 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
Lydgate to Kapaa Bicycle & Pedestrian Path Phases C&D	Kauai County	Pln, ROW	\$500,000	n/a	1.2
Ahukini Landing to Lydgate Park Bicycle & Pedestrian Path	Kauai County	Pln, ROW	\$281,500	n/a	6.7
Resurface Collector Roads at Various Locations	Kauai County	Con	\$1,248,400	\$312,100	2.2
Lono Avenue Pavement Rehabilitation, Phase 2, Laau Street to Makalii Street	Maui County	Pln, Con	\$135,200	\$33,800	1.0
Hansen Road Pavement Reconstruction, Spanish Road to Vicinity of Hana Highway	Maui County	Con	\$654,400	\$163,600	2.9
Manono Street Roadway Improvements, Lanikaula Street to Kekuanaoa Street	Hawaii County	Pln, ROW, Con	\$520,000	\$130,000	0.3
TOTAL BIKEWAY EXPENDITURES			\$3,339,500	\$639,500	
TOTAL ELIGIBLE FEDERAL FUNDS			\$130,305,600		
PERCENT BIKEWAY EXPENDITURES			2.56%		
COMBINED FEDERAL AND STATE/LOCAL EXPENDITURES			\$3,979,000		

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