

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 2022

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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 types of bicycle facilities: shared use paths, bicycle lanes, and signed shared roadways. Shared use paths are 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, pavement markings, and/or additional treatments. Signed shared roadways are a street or highway designated as a preferred bicycle route where bicyclists 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 2021 (October 2020 - September 2021) for projects that had expenditures in Federal Fiscal Year 2022 (October 2021 – September 2022). Table 1 lists bikeway projects that include 16.7 miles of new or improved bicycle facilities.

On the island of Kauaʻi, the Lydgate Park to Kapaʻa Bicycle and Pedestrian Path Phase D project is part of a proposed 20-mile Līhuʻe to Anahola coastal shared use path (Ke Ala Hele Makalae). Construction activities continue for these projects. The Lydgate Park to Kapaʻa phase D is from Papaloa Road near the Coconut Marketplace to the bridge crossing Uhelekawawa Canal at Kuhio Highway. An additional section, yet to be developed, is the Keālia to Anahola section. The path includes 8.3 miles that have been completed in previous years. The Kawaihau Road, Hauʻaʻala Road, Mailihuna Road Complete Street & Safety Improvements project is constructing paved shoulders for bicycle use. The Poʻipū Road Multimodal Improvements project is constructing new bicycle lanes and buffered bicycle lanes. The Puhi Road Rehabilitation Phase 2 project is constructing new bicycle lanes. Planning is underway for additional bikeway improvements on Kauaʻi.

On the island of Oʻahu, the planning and design phases continue for the Ala Wai Bridge Project,

which will be a bicycle and pedestrian bridge across the Ala Wai Canal between Waikīkī and McCully-Mō'ili'ili neighborhoods. This bridge will provide an additional crossing for people walking and bicycling over the Ala Wai Canal to connect to schools, shopping, and other daily destinations.

On the island of O'ahu, the Hawai'i DOT started construction on the Ala Moana Boulevard Elevated Pedestrian Walkway project. The safety project involves building a mauka-makai-oriented "land bridge" that will link to paths on either side of Ala Moana Boulevard. The project has been awarded a \$20 million BUILD grant from the Federal Highway Administration and is a partnership between HDOT and Victoria Ward Limited (developer for the 60-acre master planned Ward Village). The Leeward Bikeway continues work on the planning and construction phases. The Leeward Bikeway will be a 10-foot-wide shared use path with a 2-foot buffer on each side of the path. This phase includes two bridges near Waipahu Depot Street. This phase of the Leeward Bikeway includes 3.3 miles of a new shared use path between Waipahu Depot Street to Philippine Sea Road. The Kalaniana'ole Highway Improvements project includes 1.5 miles of a new shared use path and repaving the existing section of the signed shared road bicycle route. The Nimitz Highway and Ala Moana Boulevard resurfacing project includes repaving the existing bike lane on Nimitz Highway. The Kamehameha Highway Rehabilitation project includes repaving, striping, and installing new curb delineators for the section of the shared use path that is next to the highway. The Kahekili Highway pavement preservation project includes repaving and restriping the existing bike lane. The replacement of bridges 3 and 3A in Mākaha on Farrington Highway include widening the shoulder space for bicycle use on this existing signed shared road bicycle facility. The replacement of the Maipalaoa Bridge on Farrington Highway includes improving the shoulder space for bicycle use on the existing signed shared road bicycle facility. Two federally-funded non-infrastructure activities that included bicycles are the State of Hawai'i Advanced Crash Analysis and the National Summer Transportation Institute Program. The replacement of the Kaipapa'u Stream bridge on Kamehameha Highway includes a new wide shoulder space and a separate walkway. This improvement will benefit bicyclists, but this bridge project is not included in the federal expenditures list because this area is not a signed bicycle route.

On the island of Maui, the County's Onehe'e Avenue Roadway Improvements project included separated bicycle lanes, signage, and green bicycle lane crossings at the intersections. The County's S. Kihei Road Rehabilitation project included pavement rehabilitation/reconstruction of bicycle lanes, markings, and signage. For the Hawaii DOT, the Kahekili Highway Resurfacing project included repaving an existing section of shoulder bikeway. Planning is underway for additional bikeway improvements on Maui.

On the island of Hawai'i, the County's Hilo Bayfront Trails Phase II project is in the process of starting construction. The Phase II project is a 12-foot shared use path that includes a path along Waiolama canal, a path section around the parking area, and a path connection from the handicapped parking to the trail. Hilo Bayfront Trails provides safe access as an off-street transportation facility for bicyclists and pedestrians to access the farmer's market, Mo'ohau Bandstand, Hilo Bayfront Beach Park, Banyan Drive hotels, Lili'uokalani Garden, the Port of Hilo, and other destinations along the bayfront area. The County of Hawai'i (in coordination with PATH) are working to expand the Hawai'i Island Bikeshare in the Kona and Hilo Districts. Planning is underway for additional bikeway improvements on Hawai'i island.

As noted in Table 1: Bikeway Projects and Expenditures, \$36,642,634 of federal funds were allocated to establishing bikeways statewide. This accounts for 20.2% of federal money eligible for bikeway expenditures. The Hawai‘i Department of Transportation exceeds the requirement of spending two percent of federal eligible funds on bikeway projects.

Please visit the Act 100 report (<https://highways.hidot.hawaii.gov/stories/s/cn5s-zh7q>) to review all bicycle and pedestrian improvements (federal and state funds) for the Hawai‘i Department of Transportation.

Table 1: Bikeway Projects and Expenditures

Project	Island	Phase*	Federal funds obligated	Match funds	Miles
Lydgate Park to Kapa‘a, Phase D, Bike/Pedestrian Path	Kaua‘i County	C	\$2,943,537	N/A	0.65
Kawaihau Road, Hau‘a‘ala Road, Mailihuna Road Complete Street & Safety Improvements	Kaua‘i County	P, C	\$500,000	\$125,000	0.8
Po‘ipū Road Multimodal Improvements	Kaua‘i County	P	\$85,880	\$104,964	3
Puhi Road Rehabilitation, Phase II	Kaua‘i County	P	\$4,980	\$2,682	0.9
Ala Wai Bridge Project	C&C Honolulu	P	\$2,018,000	\$504,500	0.05
Ala Moana Boulevard Elevated Pedestrian Walkway	O‘ahu State	C	\$20,780,481	\$5,195,120	0.20
Leeward Bikeway, Waipahu Depot Road to Philippine Sea Road	O‘ahu State	P, R, C	\$3,480,000	\$870,000	3.3
Kalaniana‘ole Highway Improvements, Phase 2, Poalima Street to Vicinity of Makai Pier	O‘ahu State	P, C	\$476,152	\$119,038	2.66
Nimitz Highway and Ala Moana Boulevard Resurfacing, Sand Island Access Road to Vicinity of Pi‘ikoi Street	O‘ahu State	C	\$445,183	\$111,296	1.8
Kamehameha Highway Rehabilitation, Kapuhi Street to Dairy Road	O‘ahu State	C	\$200,000	\$50,000	0.6
Installation of Pavement Preservation Strategies and Surface Treatments at Various Locations, Oahu (Kahekili Highway, work order 7)	O‘ahu State	C	\$160,000	\$40,000	0.5
Farrington Highway, Replacement of Mākaha Bridges No. 3 and No. 3A	O‘ahu State	P, R	\$2,279,160	\$569,790	0.20

Farrington Highway, Replacement of Maipalaoa Bridge	O'ahu State	P, C	\$216,000	\$54,000	0.15
Onehe'e Avenue Roadway Improvements, S. Papa Avenue to S. Wakea Avenue	Maui County	C	\$111,500	\$27,875	0.66
S. Kihei Road Pavement Rehabilitation, Auhana Road to Lipoa Street and Keonekai Road to Kilohana Drive	Maui County	C	\$1,500,000	\$375,000	1.42
Kahekili Highway Resurfacing, Waiehu Beach Road to Camp Maluhia	Maui State	C	\$116,631	\$29,158	0.3
Expansion of Hawai'i Island Bikeshare Project	Hawai'i County	C	\$176,000	\$44,000	N/A
Hilo Bayfront Trails, Phase II	Hawai'i County	C	\$1,087,393	\$271,848	0.20
State of Hawai'i Advanced Crash Analysis (SHACA) (Planning)	Statewide	P	\$35,000	\$8,750	N/A
National Summer Transportation Institute (NSTI) Program, FFY 2021	Statewide	N/A	\$26,737	N/A	N/A
TOTAL BIKEWAY EXPENDITURES			\$36,642,634	\$8,503,021	
TOTAL ELIGIBLE FEDERAL FUNDS			\$181,260,180**		
PERCENT BIKEWAY EXPENDITURES			20.2%		
COMBINED FEDERAL AND MATCH EXPENDITURES			\$45,145,655		

*P = Planning; R = Rights-of-Way; D = Design; C = Construction; PE = Preliminary Engineering

**This year's total eligible funds include \$20 million more than the regular federal apportionment because HDOT was awarded the BUILD discretionary grant program. This \$20 million is above what the state of Hawai'i regularly receives.