

A BILL FOR AN ACT

RELATING TO FLOOD MITIGATION.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

SECTION 1. The director of finance is authorized to issue general obligation bonds in the sum of \$ or so much thereof as may be necessary and the same sum or so much thereof as may be necessary is appropriated for fiscal year 2022-2023 for the purpose of the following capital improvement projects, referenced under section 7.1 of volume I of the "Makaha Valley Flood Mitigation Study Final Report", dated December 2014:

1. Eku stream channel and off-line detention basin

Plans, design, and construction for improvements to Eku stream to extend the channel upstream 3,800 feet.

Total funding \$

The sum appropriated for this capital improvement project shall be expended by the city and county of Honolulu.

2. New Eku stream bridge at Farrington
highway



1 Plans, design, and construction for a
2 new reinforced concrete bridge at
3 Farrington highway crossing Eku stream.

4 Total funding \$

5 The sum appropriated for this capital improvement project
6 shall be expended by the department of transportation.

7 3. Breach repair in the Makaha stream berm

8 Plans, design, and construction for
9 repair of the earthen berm at the
10 breach.

11 Total funding \$

12 The sum appropriated for this capital improvement project
13 shall be expended by the city and county of Honolulu.

14 4. Makaha stream levee

15 Plans, design, and construction for a
16 reinforced concrete levee (flood wall)
17 system along the northern and western
18 side of affected properties on Manuku
19 and Nukea streets.

20 Total funding \$



1 The sum appropriated for this capital improvement project
2 shall be expended by the city and County of Honolulu.

3 5. Kili drive channel

4 Plans, design, and construction for a
5 trapezoidal shaped, open concrete-lined
6 ditch.

7 Total funding \$

8 The sum appropriated for this capital improvement project
9 shall be expended by the city and County of Honolulu.

10 6. Mauna Olu Estates drainage improvements

11 Plans, design, and construction for the
12 Mauna Olu Estates drainage improvements
13 project.

14 Total funding \$

15 The sum appropriated for this capital improvement project
16 shall be expended by the city and county of Honolulu.

17 7. In-stream detention basins for Makaha

18 stream

19 Plans, design, and construction for the
20 in-stream detention basins for Makaha
21 stream project.



1 Total funding \$

2 The sum appropriated for this capital improvement project

3 shall be expended by the city and county of Honolulu.

4 8. Restoration of Makaha surfing beach

5 "pond"

6 Plans, design, and construction for
7 restoration of the "pond" at Makaha
8 beach that served as a natural debris
9 basin.

10	Total funding	\$
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11 The sum appropriated for this capital improvement project
12 shall be expended by the city and county of Honolulu.

13 SECTION 2. The appropriation made for the capital
14 improvement projects authorized by section 1 of this Act shall
15 not lapse at the end of the fiscal year for which the
16 appropriation is made; provided that all moneys from the
17 appropriation unencumbered as of June 30, 2024, shall lapse as
18 of that date.

19 SECTION 3. There is appropriated out of the general
20 revenues of the State of Hawaii the sum of \$ or so
21 much thereof as may be necessary for fiscal year 2022-2023 for



1 the following flood mitigation nonstructural measures,
2 referenced under section 7.2 of volume I of the "Makaha Valley
3 Flood Mitigation Study Final Report", dated December 2014, as
4 follows:

- 5 (1) \$ for watershed restoration;
- 6 (2) \$ for stream channel maintenance;
- 7 (3) \$ for storm drain maintenance;
- 8 (4) \$ for enforcement of existing legislation;
- 9 (5) \$ for education on best management practices
10 for watersheds; and
- 11 (6) \$ for drainage improvements required for
12 future development.

13 The sum appropriated shall be expended by the city and
14 county of Honolulu for the purposes of this Act.

15 SECTION 4. There is appropriated out of the general
16 revenues of the State of Hawaii the sum of \$ or so
17 much thereof as may be necessary for fiscal year 2022-2023 for
18 the following short-term flood mitigation projects, referenced
19 under section 5.2 of the "Final Lualualei Flood Mitigation Study
20 for Lualualei, Waianae, Oahu, Hawaii", dated April 7, 2017, as
21 follows:



- 1 (1) \$ for the Mā'ili'ili stream watershed -
2 channel cleaning at Kuwale, Pu'uhulu, and Pūhāwai
3 Roads; and
4 (2) \$ for channel cleaning at Ulehawa stream
5 watershed - Hakimo Road, Pa'akea Road.

6 The sum appropriated shall be expended by the city and
7 county of Honolulu for the purposes of this Act.

8 SECTION 5. This Act shall take effect on July 1, 2050.



Report Title:

Flood Mitigation; Makaha Valley; Lualualei; CIP; City and County of Honolulu; Department of Transportation; Appropriation

Description:

Appropriates funds for flood mitigation measures at Makaha Valley and Lualualei, based on structural and nonstructural measures recommended in studies previously conducted. Takes effect 7/1/50. (SD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

