



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 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.*

