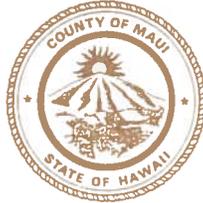


ALAN M. ARAKAWA
MAYOR



RECEIVED

KEITH A. REGAN
MANAGING DIRECTOR

2018 SEP 10 PM 2:09

OFFICE OF THE MAYOR
COUNTY COUNCIL

Ke'ena O Ka Meia
COUNTY OF MAUI – Kalana O Maui

REFERENCE NO. BD-BA 19-24

September 10, 2018

Honorable Alan Arakawa
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

For Transmittal to:

Honorable Riki Hokama, Chair
Budget and Finance Committee
200 South High Street
Wailuku, Hawaii 96793

Dear Chair Hokama:

**SUBJECT: EMERGENCY EVENT: HURRICANE LANE RESPONSE
EFFORTS (BF-165)**

On behalf of the Department of Public Works, I am transmitting the attached proposed bill for the purpose of adding an appropriation from the Emergency Fund for emergency repairs to Pu'u Way in Haiku, Maui which sustained severe damage from flooding related to Hurricane Lane.

The Department of Public Works has provided the attached project summary to aid in the committee's review of this request.

Thank you for your attention in this matter. Should you have any questions, please feel free to contact me at ext. 7212.

Sincerely,


SANANDA K. BAZ
Budget Director

Attachments (2)

cc: Keith Regan, Managing Director
Mark Walker, Director of Finance
David Goode, Director of Public Works

ORDINANCE NO. _____

BILL NO. _____ (2018)

A BILL FOR AN ORDINANCE AMENDING APPENDIX A
OF THE FISCAL YEAR 2019 BUDGET FOR THE COUNTY OF MAUI
AS IT PERTAINS TO PART II, SPECIAL PURPOSE REVENUES -
SCHEDULE OF REVOLVING/SPECIAL FUNDS FOR FISCAL YEAR 2019,
EMERGENCY FUND

BE IT ORDAINED BY THE PEOPLE OF THE COUNTY OF MAUI:

SECTION 1. Ordinance No. 4861 Bill No. 57 (2018), as amended, "Fiscal Year 2019 Budget", Appendix A, Part II, Special Purpose Revenues – Schedule of Revolving/Special Funds for Fiscal Year 2019, is hereby amended by as it pertains to the Emergency Fund, by adding a proviso for emergency repairs to Pu'u Way, Haiku, Maui in the amount of \$3,000,000, to read as follows:

"II. SPECIAL PURPOSE REVENUES - SCHEDULE OF REVOLVING/SPECIAL FUNDS FOR FISCAL YEAR 2019

	<u>ESTIMATED BALANCE AS OF 6/30/18</u>	<u>ANTICIPATED REVENUES FOR FY 2019</u>	<u>TOTAL FOR FY 2019</u>
K. Emergency Fund (Section 9-14, Revised Charter of the County of Maui (1983), as amended; Chapter 3.96, Maui County Code) <u>(1) Provided, that \$3,000,000 shall be for emergency repairs to Pu'u Way in Haiku, Maui damaged by severe flooding related to Hurricane Lane.</u>	28,791,592	6,500,000	35,291,592"

SECTION 2. New material is underscored.

SECTION 3. This Ordinance shall take effect upon its approval.

APPROVED AS TO FORM AND LEGALITY:



JEFFREY UEOKA
Deputy Corporation Counsel

**EMERGENCY REPAIR OF PUU WAY CULVERT
JOB NO. 19-33
PROJECT SUMMARY**

Description of Damages

- On August 24, 2018 a storm event related to Hurricane Lane washed out existing twin corrugated metal (CMP) culverts crossing under the Puu Way cul-de-sac in the Kuloli Subdivision in Haiku.
- Damages include:
 - Approximately 150 ft. long x 30 ft. wide x 13 ft. deep hole in Puu Way
 - Existing twin CMP culverts, CRM headwalls, and asphalt pavement washed downstream
 - Existing 4" waterline in Puu Way broke
 - Existing electric/telephone/cable conduits broke
 - Existing guardrails on both sides of the cul-de-sac were left suspended over the void

Properties Affected

- Three properties at the end of the cul-de-sac were left without access out of their properties (see attached map).
 - TMK: 2-8-002:181 (372 Puu Way)
 - TMK: 2-8-002:180 (400 Puu Way)
 - TMK: 2-8-002:179 (387 Puu Way)

Temporary Utilities

- A temporary waterline was installed on August 25, 2018 for the 3 properties.
- A temporary electrical overhead line was installed on August 28, 2018 for the 3 properties.

Temporary Access

- The three properties currently do not have access out of their properties except by foot.
- DPW is currently seeking temporary pedestrian and vehicular access through the various private properties on the back side of the three properties to Hoomalolo Place off of Kaupakalua Road.

Project Description

- Replace culverts crossing Puu Way with concrete culverts (either box culvert or Conspan concrete arch structure).
- Replace the inlet and outlet headwalls at the culverts.
- Repair the broken 4" waterline.
- Repair the broken electrical/telephone/cable conduits.
- Replace the guardrails.
- Replace the asphalt pavement section with 2" asphalt concrete pavement over 6" untreated base course material.

**EMERGENCY REPAIR OF PUU WAY CULVERT
JOB NO. 19-33
PROJECT SUMMARY (continued)**

Estimated Cost

- **Total estimated cost: \$3 million**
- Includes design fees, construction cost, and construction management fees.

Estimated Timeline

- Start design in mid-September.
- Start construction by end of October.
- **Estimated construction duration is 6-8 months.**

Alternatives Considered

- Replace culverts with steel reinforced HDPE drainline
 - HDPE culverts at Waha Place sustained minor damage; concrete culverts would be more durable
- Purchase the 3 properties affected
 - Not cost feasible; estimated assessed value of 3 properties per the Real Property Tax website is \$4,396,600.
 - Typically the assessed property value is lower than actual sale value of a property.
- Provide 3 affected properties permanent access through the back from Hoomalolo Place.
 - Not feasible for permanent access. Hoomalolo Place is a private road and roadway access would also have to be defined through several private properties.

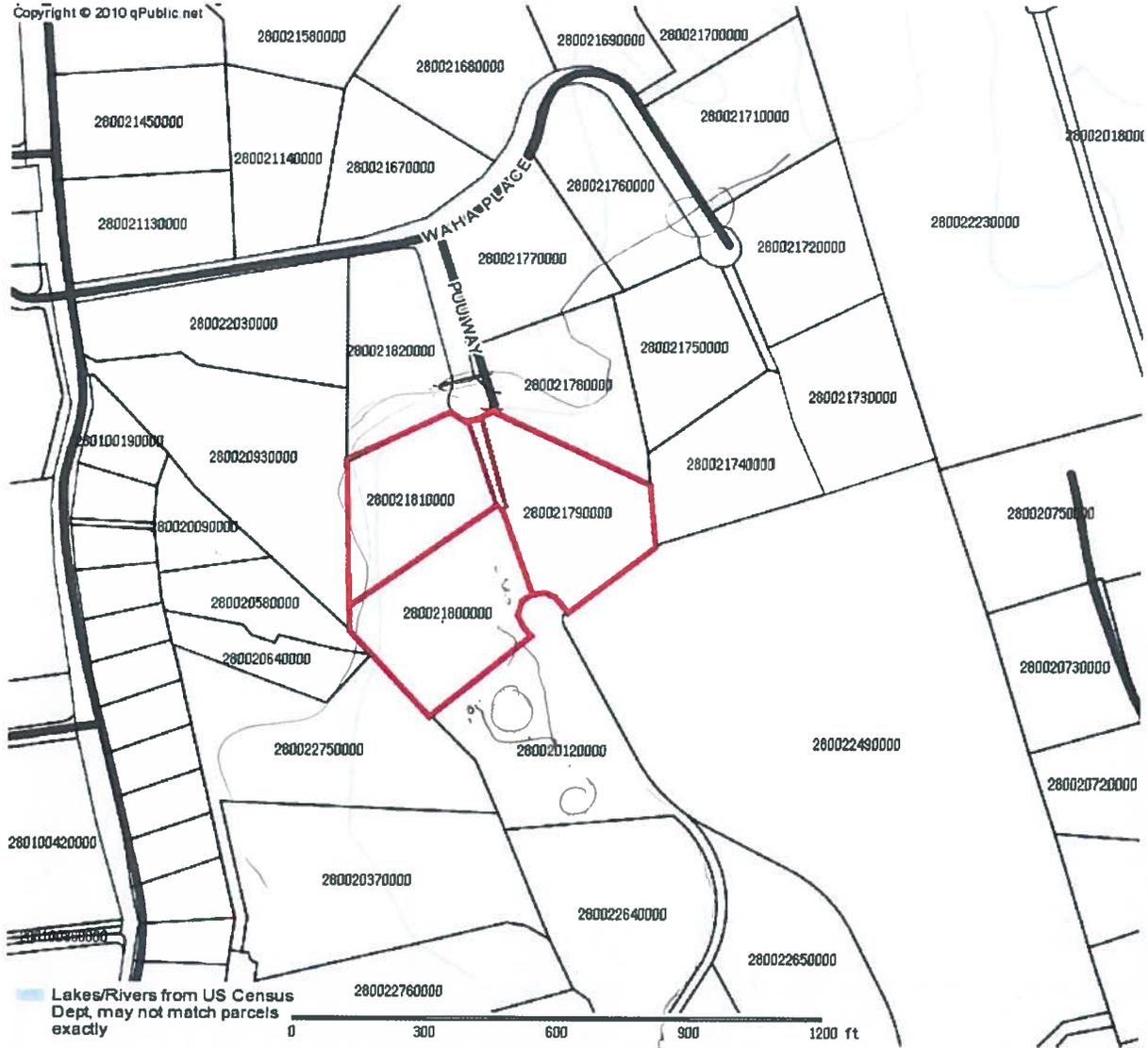
Government Proclamations

- Governor's proclamation dated August 21, 2018
- Governor's supplemental proclamation dated August 28, 2018
- Mayor's proclamation dated August 21, 2018

FEMA Reimbursement

- FEMA representative conducted a site visit on August 28, 2018.
- Undetermined at this time if this project will qualify for FEMA funds.

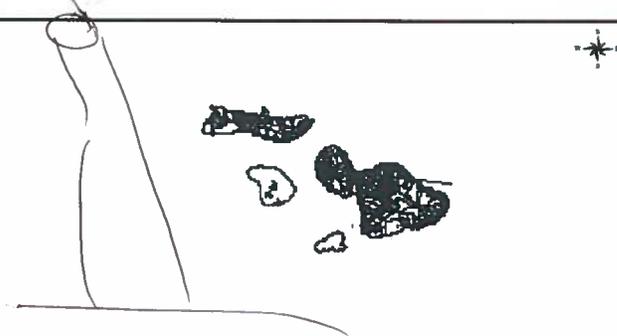
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Maui County Assessor

Parcel: 280021830000 Acres: 0.11

Name	TMK 2802-179	Land Value	\$100.00
Site	PUU WAY	Building Value	\$0.00
Sale		Misc Value	\$0.00
Maui		Just Value	\$0.00
		Assessed Value	\$100.00
		Exempt Value	\$100.00
		Taxable Value	\$0.00



The Maui County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. PLEASE NOTE THAT THE PROPERTY APPRAISER MAPS ARE FOR ASSESSMENT PURPOSES ONLY NEITHER MAUI COUNTY NOR ITS EMPLOYEES ASSUME RESPONSIBILITY FOR ERRORS OR OMISSIONS — THIS IS NOT A SURVEY —
 Date printed: 09/07/18 : 22:19:51