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OFFICE OF THE
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
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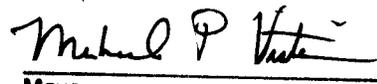
April 3, 2019

Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

For Transmittal to:

Honorable Alice L. Lee, Chair
Maui County Council
Water and Infrastructure Committee
200 South High Street
Wailuku, Hawaii 96793



Mayor
4/4/19
Date

Dear Chair Lee:

**SUBJECT: DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2020 PRE-BUDGET PRESENTATION
(WAI-30(3))**

This letter is in response to your March 21, 2019 letter requesting information on the prioritization of road repair, pavement preservation, and resurfacing projects.

Road repair projects usually target roads that require the pavement section to be reconstructed or require a combination of resurfacing and pavement reconstruction work, which is called "pavement rehabilitation." If these roads are high vehicular volume collector roads, we check if they are classified for federal funds and program them through the Maui Metropolitan Organization (Maui MPO) to be included on the Transportation Improvement Program (TIP) list for federal construction funds. Federal-aid projects are 80% federally funded to the County's 20% share. Resurfacing projects can also be a federal-aid project if the road is classified for federal funds.

To help us prioritize resurfacing projects and create a resurfacing schedule, we use a web-based application called iWorQ. All roads on Maui, Molokai, and Lanai are evaluated every 5 years and have recommended treatments (i.e., resurfacing, slurry, patching, etc.). This application allows us to create lists that sort roads by districts and recommended treatments. From there, further evaluation is conducted to prioritize road projects:

- A road recommended for resurfacing will be evaluated based on traffic volume and road classification. For example, priority is given to high volume collector roads over low volume minor residential streets.

Honorable Alice L. Lee, Chair

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- Upcoming development projects or utility projects are also considered. We try our best to defer resurfacing projects until these projects are completed.
- Our Highways Division also acts as our eyes by monitoring road conditions and will provide recommendations if needed.
- In-house field investigations are done to verify roadway conditions with complaints taken into consideration and evaluated for need.
- Coordination is done with our Highways Division to ensure in-house resurfacing work and CIP resurfacing project efforts are not duplicated. Pavement preservation work, such as crack sealing, seal coating, slurry sealing, and thin asphalt overlays, is handled by our Highways Division.
- Input from the Administration, Council, and Mayor are also considered.

We trust this summary answers your questions. If you have any additional questions, please feel free to call our office at 270-7845.

Sincerely,



ROWENA M. DAGDAG-ANDAYA
Acting Director of Public Works

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