

ALAN M. ARAKAWA  
Mayor

DAVID C. GOODE  
Director


ROWENA M. DAGDAG-ANDAYA  
Deputy Director

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COUNTY OF MAUI  
**DEPARTMENT OF PUBLIC WORKS**  
200 SOUTH HIGH STREET, ROOM NO. 434  
WAILUKU, MAUI, HAWAII 96793

April 20, 2016

Mr. Sananda K. Baz   
Budget Director, County of Maui  
200 South High Street  
Wailuku, Maui, Hawaii 96793

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

For Transmittal to:

Honorable G. Riki Hokama  
Chair, Budget and Finance Committee  
Maui County Council  
200 South High Street  
Wailuku, Maui, Hawaii 96793

Dear Chair Hokama:

**SUBJECT: REQUESTS/QUESTIONS FROM APRIL 12, 2016 MEETING**  
(PW-2) (BF-1)

This is in response to your April 14, 2016 letter regarding Public Works' proposed Fiscal Year (FY) 2017 budget. Our Department offers the following responses to your questions:

1. *Explore whether Federal funds qualify and are available for the Safe Routes to School project. (RH)*

Safe Routes to School projects qualify and currently utilize Federal funds.

2. *Provide a list of planned and completed projects for Countywide Facility Building Improvements, using the \$750,000 in funds appropriated for FY 2016. (MW)*

GLEN A. UENO, P.E., P.L.S.  
Development Services Administration

CARY YAMASHITA, P.E.  
Engineering Division

LESLI L. OTANI, P.E., L.S.  
Highways Division

OFFICE OF THE  
COUNTY COUNCIL

APR 21 11 19 16

RECEIVED

Handwritten signature of Alan M. Arakawa.

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The following is a list of projects utilizing the FY 2016 Countywide Facility Building Improvements:

- Kalana O Maui Fire Sprinkler, Phase 2 – Currently at 80% Design and expected to go out to bid in the late summer of 2016.
- Kaohu Street Employee Parking Lot Repair – Construction contract executed. Construction anticipated to begin in May or June, 2016.
- Miscellaneous building projects including a building permit requirement to install sewer service manholes for both Kalana O Maui building and Kalana Pakui building and additional work for the Municipal Campus ADA improvements.

3. *How many bridges were inspected in FY 2016, to date? Identify the criteria used to select and prioritize bridge inspections. (MW)*

Twenty (20) bridges were inspected to date. The Department of Public Works (DPW) follows the Federal Highway Administration (FHWA) National Bridge Inventory Standards (NBIS). According to this standard, all NBIS bridges need to be inspected at least once every two (2) years. However, out of the 42 NBIS bridges owned by the County of Maui, 11 need to be inspected yearly and one (1) needs to be inspected every six (6) months.

4. *How many bridges can be inspected in a year? (RH)*

The DPW will inspect as many as needed to comply with FHWA NBIS. Currently 32 bridges are the most inspected in one (1) year.

5. *Provide a list of roadways your Department anticipates working on in FY 2017. (RH)*

The DPW anticipates resurfacing Laau Street, Kahiki Street, Makalii Street, Kea Street, Lower Kimo Drive, Lower Kula Road, Lower Honoapiilani Road, Kolapa Place, Puali Place, Kalohi Street, Nani Street, Houston Street, Naha Street, Kahana Street and Mahana Place; reconstructing Kuikahi Drive and Baldwin Avenue; and repairing Kahekili Highway and Piilani Highway. There are other traffic-, drainage- or safety-related projects on roadways that are not listed above.

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6. *Provide a list of completed roadway projects for FY 2016, to date. Include a list of roadway projects anticipated to be completed by the end of FY 2016. (MW)*

Completed Projects in FY 2016:

- Wailea Alanui/Wailea Ike Pavement Rehabilitation, STP-0900(084)
- Hansen Road Pavement Reconstruction, STP-3600(001)
- West Maui District Resurfacing (Wainee, Lahainaluna, Leialii), Job No. 14-31
- South Maui District Resurfacing (Kaukahi, Kanani, Kaiola, Kaiolohia), Job No. 14-37
- Wailuku/Kahului District Resurfacing (North High Street, Kaohu Street, Lauone Place, West Hawaii, East Hawaii, East Papa Avenue), Job No. 14-09
- West Maui District Resurfacing (Puukolii), Job No. 15-53

Project Anticipated to be Completed by End of FY 2016:

- Upcountry District Resurfacing (Naalae, Makawao Avenue), Job No. 15-23

7. *The following questions relate to the West Maui Greenway project:*

- a. *Are Federal funds available for the project? If so, is your Department actively pursuing the funds? Please explain. (RH)*

Federal Funds are not currently available for this project since this project has not been identified on the Statewide Transportation Improvement Plan (STIP). However, as the project progresses, it could be eligible for Federal funding as may be allotted by the Maui Metropolitan Planning Organization (MPO).

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- b. *Are private sector funds or land available for the project? If so, provide a list of donors and the value of their donations. (RH)*

Based on recent discussions with related interest groups, a representation was made that private contributions in the form of funds and/or land are available by land owners along the project's proposed route. There are no actual agreements or commitments to contribute at this time.

- c. *Provide a timeline for the project, including the length of time needed for design, permitting, and construction. Further, include tentative start dates for each phase of the project. (RH)*

Design and planning could be initiated by December, 2016, and depending on the scope of needed permits, planning and design could take 12-24 months. Construction would follow the completion of planning and design.

- d. *Explain whether there is a possibility of using County funds to expedite the start of the West Maui Greenway project, then receiving Federal funds to reimburse the County for an appropriate portion of County expenditures. (RH)*

County funds can be used to expedite the project's initial phases such as planning, design, and permitting and utilize Federal funds, as available, for construction of eligible portions of the project. This is the process typically followed by the Department's current Federal-aid program.

8. *Explore whether State Department of Land and Natural Resources, Division of Forestry and Wildlife, Na Ala Hele Hawaii Trail and Access System funding qualifies and is available for the Countywide Bikeway Improvement project. Please explain. (MW)*

According to Maui Na Ala Hele staff, the West Maui Greenway project would qualify for the Recreational Trails Program (RTP) Diversified funds. We will explore other bikeways and greenways to see if they may qualify for these RTP funds.

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9. *Explore whether Federal Highway Administration Transportation Alternatives Program funding is available for the Countywide Bikeway Improvement project. Please explain. (DC)*

Current State guidelines indicate that bikeway projects are eligible for Transportation Alternatives Program funding. The State of Hawaii Department of Transportation, which administers the program, has announced a call for projects statewide to utilize Federal Fiscal Year 2016 funds of this program. Unfortunately, based on the requirements for the 2016 funds, no current Department projects qualify. The Department will pursue funding for future program years; however, it should be noted that acceptance of a project into the program is not a commitment of funding.

10. *Provide specific details regarding the scope and justification for the Koukouai Bridge Rehabilitation project. Identify the immediate need to rehabilitate, reconstruct, or replace the bridge. (RH)*

Koukouai Bridge Rehabilitation Project's scope of work is to repair Koukouai Bridge to current bridge standards. However, during the preliminary design phase, our bridge consultant will need to verify the structural strength of the existing bridge by taking samples and having it tested. Depending on the test results, Koukouai Bridge may need to be replaced. Koukouai Bridge is one (1) of the 12 bridges mentioned above that needs reduced interval bridge inspections. Out of the 12 bridges, four (4) are currently in design. Koukouai Bridge is the most structurally deficient bridge of the remaining eight (8).

11. *Provide details on the timing for the different phases of the South Kihei Road Improvements, Phase IV. Include timing for each phase, by fiscal year. (DC)*

We have decided to delete South Kihei Road Improvements, Phase IV project from FY 2017 CIP budget request. We will continue to plan for Phase IV in the STIP.

In the short term, we are planning to resurface South Kihei Road, from Lipoa Street to Kauhaa Street, utilizing Countywide Resurfacing Funds allocated for the South Maui District in FY 2016; the estimated construction cost is \$600,000. The next phase will be from Kauhaa Street to Kulanihakoi Street

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with funding coming from Countywide Resurfacing Funds allocated for the South Maui District in FY 2017; the estimated construction cost is \$500,000. Designs for both projects will be done with in-house forces.

12. *Provide a timeline on the use of Federal funding for the South Kihei Road Improvements, Phase IV project. (RH)*

The South Kihei Road Improvements, Phase IV project will be programmed for design funds in FY 2022. Construction for Phase IV is anticipated in FY 2025. See attached revised CBS form for this project.

Should you have any questions, please feel free to contact me at Ext. 7845.

Sincerely,



DAVID C. GOODE  
Director of Public Works

DCG:jso  
Attachments  
xc: Cary Yamashita, Engineering Division Chief  
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**Capital Improvement Program**

CBS No: CBS-1065

Project Name: South Kihei Road Improvements, Phase IV

Department: Department of Public Works

District: Kihei-Makena

Project Type: Road Improvements

Anticipated Life: 30 years

Prior Years	Appr	Ensuing	Subsequent Years				Total	
Expend/Encb	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6-Year
0	100,000	1,500,000	1,600,000	0	6,000,000	0	0	9,100,000

\$100,000

**PROJECT DESCRIPTION**

To construct and rehabilitate pavement on South Kihei Road from Lipoa Street to Waipuilani Road. Project to include road widening, drainage improvements and pavement striping and signage.

**PROJECT JUSTIFICATION**

Project necessary to alleviate traffic congestion for vehicular travel in the North-South direction in South Maui. Traffic on South Kihei Road is already gridlocked in morning and afternoon peak hours. Future development in the Kihei-Makena areas will add to the congestion South Maui residents are already experiencing.

**STRATEGIC PLAN ALIGNMENT**

**Department's Strategic Plan**

**Countywide Priority Results**

Goal #3: Identify and resolve traffic congestion, circulation and safety issues.

Objective 3.1: Address capacity and circulation issues by installing additional lanes, acceleration/deceleration lanes, install traffic control devices at major intersections and creation of new roadway systems.

- A Suitable Public Infrastructure
- A Strong, Diversified Economy
- A Prepared, Safe, and Livable County
- A Healthy and Sustainable Community

**OPERATING IMPACT NARRATIVE**

No significant impact on staffing or operations anticipated.

**FUNDING DETAILS**

Phase Description	Fund Code	Appr FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Design	HF	100,000	0	800,000	0	0	0	0
New Construction	FD	0	0	0	0	6,000,000	0	0
New Construction	GB	0	1,500,000	0	0	0	0	0
Other	HF	0	0	800,000	0	0	0	0

**Schedule of Activities**

Activity	Start	End	Amount
Design	07/01/2016	07/31/2019	800,000
New Construction	12/01/2017	12/31/2021	7,500,000
Other	12/01/2017	12/31/2021	800,000
<b>Total Capital Project Costs</b>			<b>9,100,000</b>
Total O&M Costs			0
<b>Total Capital &amp; Operating Costs</b>			<b>9,100,000</b>

**Methods of Financing (Ensuing + 5 Years)**

Funding Source	Amount
Federal Fund	6,000,000
General Obligation Fund	1,500,000
Highway Fund	1,600,000
<b>Total Funding Requirements</b>	<b>9,100,000</b>