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

April 11, 2018

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

 4/12/18

OFFICE OF THE
COUNTY COUNCIL

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RECEIVED

For Transmittal to:

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

Dear Chair Hokama:

SUBJECT: FISCAL YEAR ("FY") 2019 BUDGET (PW-3) (BF-1)

In response to your letter dated April 6, 2018, the Department of Public Works responds as follows:

1. *As it relates to the Engineering program's MS4 program (index code 916126):*
 - a. *The Department is requesting funding for a Civil Engineer V and an Engineering Support Technician II expansion position (index code 916126A, page 17-9 of the Budget Details). Provide an explanation for these position requests. How is the work for these positions being performed now?*

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 2

Response: Since the inception of the MS4 program in Maui County four years ago, it has been woefully understaffed internally. See the attached permit status update sheet (Attachment "A"). Consultants have conducted most of the effort under the MS4 permit program to date. That approach was appropriate for the initial permit phase, which involved negotiating permit conditions and initiating the permit program, as we needed the expertise of a consultant familiar with the MS4 program.

However, many mandated permit tasks have been deferred over the past few permit years because of inadequate resources. The County has experienced a bit of a "grace period" because it is generally understood that new permittees need some time to implement a program, and because the former permit program did not provide significant avenues for legal challenge. We are now at a point of the program that requires dedicated staff to ensure compliance with the current permit and the new permit anticipated in this next year.

The new permit will include a Storm Water Management Program Plan that is enforceable and litigable, and the new permit will almost certainly contain more onerous permit requirements. The County will need to increase its funding of the program. As a comparison, it is estimated that the City and County of Honolulu has about ten full-time staff dedicated to their storm water program, and a consultant budget exceeding \$5M per year. While Honolulu is subject to a Phase I permit, with more stringent requirements, it is clear that the Department of Health (DOH) intends to increase the requirements for the County of Maui and that our "grace period" is over. Non-compliance comes with a price. The State Department of Transportation (DOT) has received fines of several million dollars for non-compliance with their Phase I (DOT-Highways) and Phase II (DOT-Harbors) MS4 permit programs. The new permit will also be subject to more scrutiny and potential litigation from the public.

Many of the day-to-day MS4 permit tasks could be coordinated by the two County staff requested. One of our Engineering Division staff that was performing many of the coordination tasks is now in the role of Chief of Highways, and he is no longer available to coordinate the

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 3

program in the same way he did initially, and the Civil Engineer V would fulfill that role, as well as assist DPW-Highways with other environmental tasks. As the MS4 permit program matures, the County's obligations will include an increased focus on inspections and data gathering. Much of this inspection and tracking effort would be conducted by the Engineering Support Technician II. In addition to taking the lead on the MS4 program, these two personnel would assist DPW-Highways with other needed environmental compliance matters, as described below:

Civil Engineer V:

An estimated annual breakdown of labor effort for the Civil Engineer V (totaling 1,600 hours) is:

- 400 hours general coordination of the MS4 permit program, including coordinating with regulators, other permittees, other County departments, and consultants to accomplish the permit requirements. Would include general program management, including gathering information for the program's annual report and budgeting for future program years.
- 200 hours of public outreach and communication with Maui stakeholders; responding to public complaints and concerns; attending public events to promote the MS4 program; coordinating the required MS4 outreach and public engagement activities; managing updates to the County storm water webpage, etc.
- 200 hours managing the storm drainage system database; overseeing drainage system inspections, maintenance, repairs and upgrades; and responding to complaints and tracking illicit discharge.
- 200 hours managing MS4 requirements relative to construction and post-construction measures. Tasks would include assisting the Development Services Administration (DSA) with construction inspections, conducting an inventory and developing inspection and tracking mechanisms for post-construction Best

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 4

Management Practices (BMPs), and managing the required annual MS4 construction/post-construction training program.

- 200 hours managing MS4 program requirements relative to pollution prevention, including requirements for inspections and updates to Site Specific Best Management Plan (SSBMP) plans at County facilities, assisting departments in the implementation of appropriate storm water protections and Standard Operating Procedures; overseeing and coordinating street sweeping and trash reduction programs, coordinating with Department of Housing and Human Concerns on the cleanups associated with their compassionate response program, etc.
- 120 hours managing various non-MS4-related environmental compliance tasks for DPW-Highways facilities, including inspections and updates of Spill Prevention Control and Countermeasures (SPCC) Plans (required for facilities storing more than 1,320 gallons of fuel aboveground and must be certified by a licensed engineer); Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA) reporting; solid waste permitting and reporting.
- 120 hours managing various non-MS4 flood-control and other storm water-related programs.
- 160 hours managing the Highways Beautification Fund, including the County's Arboriculturist, who is moving into the DPW Highways Division in FY19.

Engineering Support Technician II:

An estimated annual breakdown of labor effort for the Engineering Support Technician II (totaling 1,600 hours) is:

- 200 hours assisting the Civil Engineer with general coordination of the MS4 permit program.
- 200 hours assisting the Civil Engineer with public outreach and communication with Maui stakeholders; responding to public complaints and concerns; and attending public events to promote the MS4 program. Would manage the logistics, promotion and

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 5

- on-the-ground activities for required public volunteer and education programs related to the MS4 program.
- 480 hours conducting the required annual storm drainage system inspections, including recording data in the asset management system; initiating Work Order Requests as necessary; coordinating with DPW-Highways maintenance staff for maintenance, repair and upgrade activities as necessary; and providing year-end reports for reporting to the DOH. Inspections would include “dry weather surveys” for illicit discharge to the County’s MS4, and may also assist the Civil Engineer with illicit discharge response. Would include working with the Asset Management firm to update the database as needed.
 - 240 hours assisting the Civil Engineer with construction and post-construction inspections and tracking, and coordinating/logistical support for the annual construction industry training program.
 - 240 hours assisting the Civil Engineer with MS4 pollution prevention inspections and documentation, including inspections, training and updates to SSBMP plans at County facilities; gathering data on street-sweeping and trash reduction programs, etc.
 - 240 hours supporting the Civil Engineer V with various non-MS4-related environmental compliance tasks for DPW-Highways facilities, including record-keeping for SPCC inspections and training, HEPCRA reporting, solid waste permit reporting, documenting flood-control maintenance activities, etc.
- b. *Explain the \$550,000 expansion request for professional services (index 916126B, sub-object 6132, page 17-13 of the Budget Details). Provide the amount this request would be reduced should the expansion positions be approved.*

Response: This requested increase is due to the anticipated effort to negotiate the new permit terms within FY19, to complete several deferred one-time tasks, and to transition routine permit activities to the two County staff described above. The proposed consultant fees

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 6

for FY18 was \$780,000. Almost half this effort was deferred as only \$400k in funding was provided.

Fortunately, the DOH's delay in rolling out the new permit allowed us to easily defer \$100k in permit negotiations, research and preparation of the new Storm Water Management Program (SWMP) Plan. The other permit tasks deferred to FY19 were:

- conducting a branding exercise using a Maui public relations firm, requested by the Environmental Protection Agency (EPA) to develop a "brand" and logo for the MS4 program (\$15k);
- completion of the pilot social marketing campaign and implementation of a full program in the Wailuku Industrial Park (\$45k);
- development and implementation of a larger volunteer activity (\$20k);
- advancing Illicit Discharge Detection and Elimination (IDDE) ordinance revisions (\$25k);
- conducting a further portion of the storm drainage infrastructure digitization effort (\$30k);
- developing/updating a design manual for County projects that incorporate MS4 requirements (\$55k);
- advancing construction/post-construction ordinance revisions (\$25k);
- organizing and conducting the construction/post-construction training program (\$22k);
- consultation with County facilities on needed storm water-related CIP projects (\$31); and
- developing a program for a storm drainage system inspection/maintenance program (\$12k),

for a total of about \$380k of FY18 program elements that were deferred to FY19. The majority of these deferred items are required actions under the County's existing SWMP Plan and, therefore, must be funded and conducted. In addition, additional activities associated

Mr. Sananda K. Baz
 Honorable Alan M. Arakawa
 For Transmittal to:
 Honorable Riki Hokama, Chair
 April 11, 2018
 Page 7

with the new permit were anticipated to add another \$150k to the permit program in FY2019; however, the program would likely stabilize after the expected intense permitting period during FY19, as most day-to-day management of the permit would be conducted by new staff. In summary, the breakdown of the \$950k total request was:

Program Task	Requested FY19 Consultant Budget	Anticipated FY20 Consultant Budget	Notes
1. Program Management, Administration and Support <i>(includes coordination with County, other permittees and regulators on various aspects of the permit program; strategic planning; assisting County staff prepare for stakeholder meetings and briefings; consulting on internal organization and procedures; weekly program meetings; preparing the program's annual report; coordination with County, Corporation Counsel and regulators on the new permit; developing the program's SWMP Plan; training new staff to get them up to speed on the program requirements and measures).</i>	\$350k	\$150k	Reduction in consultant FY20 effort assumes new permit/SWMP will be completed in FY19; some of coordination tasks would pass to staff. Consultant would be utilized in coordination with and responding to regulators, assisting with strategic planning and training new staff.
2. Public Education and Outreach <i>(includes managing the County's storm water webpage; preparing articles, brochures and fact sheets about the MS4 program; conducting a branding exercise using a Maui public relations firm, requested by EPA to develop a "brand" and logo for the MS4 program; conduct a pilot social marketing effort in industrial area to evaluate effective outreach to this population group).</i>	\$100k	\$40k	Some tasks could pass to staff by FY20, but completion of the branding and social marketing efforts may extend into FY20.
3. Public Involvement/Participation <i>(includes coordinating with Maui stakeholders such as Soil and Water Conservation District</i>	\$ 35k	\$10k	Most of this effort would be transitioned to staff by FY20. Allowed

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 8

Program Task	Requested FY19 Consultant Budget	Anticipated FY20 Consultant Budget	Notes
<i>(SWCD) and Maui Nui Marine Resource Council (MNMRC); coordinating with stakeholders or other permittees on two storm water-related volunteer activities; organize and implement one larger County-driven volunteer activity).</i>			consultant time for coordination with critical groups such as MNMRC.
4. Illicit Discharge Detection and Elimination <i>(includes finalizing a draft IDDE ordinance; digitizing storm drainage system information from as-built plans; working with the asset database vendor on data control and updates; conducting annual inspections of outfalls; investigating non-storm water discharges to the MS4 and coordination with other departments and permittees on approaches to non-storm water discharges; developing position papers on issues such as swimming pool discharge).</i>	\$150k	\$40k	Updates to the asset management system by the vendor would be under the consultant. Consultant would assist new staff on ordinances and position papers.
5. Construction Site Runoff Control <i>(includes development, logistics and coordination with other permittees and Maui design and construction industry to hold an annual education forum; coordination with DSA on inspections and tracking of inspection data; revising/redeveloping a design manual that sets expectations relative to MS4 matters for design engineers; working with the County on proposed ordinance revisions).</i>	\$100k	\$50k	Staff can take over most of the inspection and coordination effort; consultant would remain on board to assist new staff on ordinances and construction industry training.
6. Post-Construction Runoff Control <i>(includes incorporating post-construction materials into the annual education forum; coordination with DSA on locating, inspecting and tracking of post-construction BMPs;</i>	\$ 40k	\$20k	Staff can take over most of the inspection and coordination effort; consultant would remain on board to assist new staff and entering newly

Mr. Sananda K. Baz
 Honorable Alan M. Arakawa
 For Transmittal to:
 Honorable Riki Hokama, Chair
 April 11, 2018
 Page 9

Program Task	Requested FY19 Consultant Budget	Anticipated FY20 Consultant Budget	Notes
<i>working with the County on proposed ordinance revisions).</i>			identified BMPs into the asset database.
7. Pollution Prevention/Good Housekeeping <i>(includes evaluating County facilities and activities for storm water concerns; evaluating street sweeping and litter programs; conducting SSBMP and SPCC Plan inspections, and updating plans as necessitated by changed conditions; consulting with facilities on potential CIP projects for storm water BMPs; developing/implementing a storm drainage system inspection program; developing and distributing Standard Operating Procedures for use by County employees in controlling storm water pollution in day-to-day-operations.</i>	\$175k	\$30k	Staff can take over most of the inspection and reporting requirements; Consultant would assist with higher level development of trash reduction plans or similar, if required by regulators.
TOTAL	\$950k	\$340k	

- c. *Explain the \$25,500 expansion request for registration and training fees (index 919126C, sub-object 6230, page 17-14 of the Budget Details), including, the “training and public outreach events” that would be conducted with the funds.*

Response: Funds will be used for training, continuing education and exams for DPW employees to be certified in sediment and erosion-control plan reviews and inspections. There are a few nationally recognized certification programs to choose from. We are specifically considering certifications offered by Certified Inspector of Sediment and Erosion Control (CISEC). For more information, see <https://www.cisecinc.org>. Funds will also be used to supplement a County-hosted Construction BMP Training Workshop and other Public Outreach events such as storm drain stenciling.

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 10

2. *Explain the expansion requests for veterans cemeteries Maui (index code 916130) including, the Clerk III expansion position (page 17-19 of the Budget Details), \$1,500 increase in premium pay (sub-object 5215, page 17-21), and equipment requests totaling \$33,500 (page 17-29).*
 - i. Clerk III expansion position (\$26,493) (page 17-19): The Maui Veterans Cemetery has an average of about 45 full casket burials, 18 cremains burials, and 23 columbaria burials annually. The coordination with family, Veterans Administration, and mortuary falls on our Makawao Highways District Clerk, taking about 50% of her working time. A clerk dedicated to the cemetery will be able to assist with coordination at the County's three Veterans Cemeteries; Maui, Molokai and Lanai.
 - ii. Premium Pay (add \$1,500, total \$3,000) to allow for special after-hour events, such as Memorial Day and Veterans' Day functions at the cemetery Committal Shelter, and additional funding for staff to meet the increased maintenance requirements associated with Shrine Status.
 - iii. Equipment:
 - 1) Riding Mower: current zero-turn riding mower purchased in 2004 is 14 years old with nearly 3,000 hours on it. With the Phase I expansion of the cemetery, approximately five additional acres is added to the current seven-acre cemetery site for a total of 12 acres. In addition, to maintain Shrine Status, both mowers will be used to keep up with the cemetery mowing.
 - 2) Utility Terrain Vehicle: an all-terrain utility vehicle will allow transport of caskets, materials and tools throughout the cemetery with limited damage to the grassed surfaces. Currently, street vehicles, hearses, and trucks travel over the grass to access burial sites, often leaving deep ruts in the manicured grassed surfaces.
- a. *Explain the status of the Memorandum of Agreement between the U.S. Department of Veterans Affairs, the Hawaii State Historic Preservation Officer, the Advisory Council on Historic Preservation,*

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 11

and the State of Hawaii Department of Defense, relating to the Maui Veterans Cemetery, located in Makawao, Maui, Hawaii.

Response: The Memorandum of Agreement is still being commented on by the County and other parties. We hope to send it back to the Council for final consideration after the Budget Session as it appears most sides are agreeing to most issues at this point.

- b. *Have the State and County developed a Memorandum of Understanding ("MOU") and Cemetery Grounds Management Plan?*

Response: Corporation Counsel has received more feedback from the Highways Division and relayed those concerns to the State. Final drafts should be received soon and once agreed upon, we will submit to the Council.

3. *Explain the \$120,000 request for a new one-ton extended cab utility boom crane with compressor for the County garages, listed as the Special Maintenance Program's top equipment priority (index code 916114C, sub-object 7040, page 17-28 of the Budget Details).*

Response: This truck is to be used as a shop repair and trouble call truck for field work. Wailuku District historically makes significantly more trouble calls than all other districts, however, is not equipped with a service truck. Mechanics currently go on trouble calls with a regular pickup with their tools in the back of the truck and without a boom crane.

On February 3, 2017, a mechanic and a welder went on a trouble call to Waikapu to replace a broken hydraulic cylinder on a backhoe. With no lifting tools available, the mechanic was removing the hydraulic cylinder and the cylinder moved and cut off the mechanic's finger. He was rushed to ER, but his finger could not be saved. The mechanic was out on workers compensation for two months.

This truck is well needed and way overdue. Having the right tools for the job will help prevent back injuries, lost limbs, even loss of life and save time.

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 12

4. *Explain the request for five Laborer II expansion positions in the Road, Bridge and Drainage Maintenance program, for road maintenance Wailuku (index code 916528, page 17-47 of the Budget Details).*

Response: The additional five Laborer positions will allow us to get ahead (or catch up) on basic maintenance activities such as storm drain cleaning, vegetation control, and sidewalk/curb repairs. Due to an increase of responsibilities, aging infrastructure, and an increase of traffic in work zones in/alongside roadways, we need more workers.

The Highways Division's Wailuku District covers significantly more roads and people than any other district in the Highways Division. Wailuku District is responsible for Kihei, from Makena to Maalaea; Wailuku; Kahului; Waiehu; Waihee; and Kahekili Highway to Kahakuloa. The Wailuku District has undergone more significant urbanization than other districts over the past several years and continues to grow. Wailuku District is responsible for over 95% of the MS4 boundary, which includes approximately 4,000 individual drainage structures. Wailuku District unfortunately has the highest incidents of homelessness and are actively supporting the Homeless Task Force efforts by the County. The volume of maintenance work required by our Wailuku District is causing us to seriously consider splitting up the Wailuku District and creating a new South Maui District. We are actively working with our Land Surveyors and other departments such as Planning, to identify County-owned land in Kihei that would be suitable to house a new baseyard. Our Makawao District has also undergone significant changes in the past several years. The population is on the rise, new developments are popping up all over the district and new roads are being dedicated each year. Makawao is responsible for a portion of the MS4 (Paia Town) and they support operations at the Makawao Cemetery, especially during busy times such as Memorial Day. Makawao District also manages a very wet area with many tree issues and never ending vegetation cutting. Lahaina District is currently managing its workload well. We will likely seek minor changes to management and additional support in their Garage Services in the future, but this year we do not see a need to add more labor.

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 13

After reviewing the data below and discussing internally with our staff, the Wailuku District will be home to four of the five new Laborers and Makawao District will gain one additional Laborer.

Lane miles of roads the County is responsible for by District:

Wailuku: 300 Miles
Makawao: 261 Miles
Lahaina: 45 Miles
Hana: 174 Miles
Molokai: 143 Miles
Lanai: 40 Miles

Our Lanai, Molokai and Hana Districts are much more rural and our Molokai and Hana crews are partially dedicated to assisting the Department of Environmental Management (DEM) with residential trash-pick up each week. Because of these differences, we did not attempt to compare them directly to Wailuku District. Makawao and Lahaina also have significant differences and challenges, but are more comparable to Wailuku District.

Number of Employees:

Wailuku Road Bridge and Drainage Program: **28**

- Dedicated Pavement Preservation employees housed in Wailuku District: 5

Makawao Road Bridge Drainage Program: **27**

- Dedicated Cemetery Employees (housed in Makawao District): 2

Lahaina Road Bridge Drainage Program: **18**

For additional details, please see the attached (Attachment "B") breakdown of all current Highways Division employees. The districts where we are adding employees are highlighted.

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 14

Work Orders Completed (October, 2017 through March, 2018):

Wailuku District: 322
Makawao District: 207
Lahaina District: 89

External Requests for Service including SeeClickFix and complaints through the DPW Director's Office (October, 2017 through March, 2018):

Wailuku District: 148 (137 closed, 11 open)
Makawao: 17 (12 closed, 5 open)
Lahaina: 18 closed

**Please note this data only represents Road Bridge and Drainage Program requests that come in through official channels that result in Work Orders generated by the district. There are other minor requests that come in from the field or go directly to our District Baseyards that may be not included in these numbers.

In addition to the Requests for Service from the Public, our crews regularly respond to emergencies such as repairing sinkholes, unclogging storm drains, pumping flooded streets, cutting and removing fallen trees, cutting fire breaks with bulldozers, and hauling water to support the Department of Fire and Public Safety.

Emergency response incidents (October, 2017 through March, 2018):

Wailuku District: 36
Makawao District: 25
Lahaina District: 14

5. *Provide an itemized breakdown of additional funding requested for construction materials (index code 916528B, sub-object 6012, page 17-60 of the Budget Details) and repairs & maintenance (index code 916528B, sub-object 6139, page 17-61), for the Wailuku baseyard facility.*

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 15

There are seven small, in-house projects planned for the Wailuku Baseyard. See attached pictures with labels (Attachment "C"):

- i. Renovations to an existing dilapidated office and working space inside a portion (approximately 400 square feet) of the old Parks Building. The building is partially occupied by Pavement Preservation Section's equipment and used for material storage to support baseyard operations. The purpose of the renovation is to properly accommodate the Arboriculturist position which is transferring from the Department of Parks and Recreation on July 1, 2018 (\$5,000).
 - ii. Repairs to return the restroom facility at the Tire Shop to a functioning restroom (currently toilet and window are broken). This work requires the repair/replacement of sections of on-site sewerline, as well as minor building renovations and new fixtures (\$10,000).
 - iii. Repairs to failing sections of corrugated metal roofing and siding at the Tire Shop, the old Parks Building and the Traffic Management Building (\$10,000).
 - iv. Replace and relocate existing, outdated electrical breaker boxes for Traffic Signs and Markings Section. This is an outstanding safety issue. (\$7,500).
 - v. Replace roll-up doors at the Tire Shop (\$15,000).
 - vi. Termite inspection, treatment and minor repairs in old Parks building (\$10,000).
 - vii. Mold inspection services and repairs at the old Parks building (\$2,500).
6. *Provide a status update on the LED streetlight conversion project (index 916809B, sub-object 6060, page 17-69 of the Budget Details).*

Response: We have finalized the rule changes required to allow the use of lights other than the High Pressure Sodium (HPS). We have chosen the light (GE 2700K) and staff has been working with Maui Electric Company (MECO) on the technical specifications of the light for specific locations. We

Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 16

have received a proposal from MECO to install the first phase of the project, and we are currently completing the sole source solicitation with the Department of Finance. We are on track to encumber the \$1.9M by the end of FY18 and start installation after MECO has selected their subcontractor, sometime this summer.

7. *Provide a copy of the Department's equipment replacement policy. Do specific policies exist for large equipment, such as the equipment requests for the Road, Bridge and Drainage Maintenance program (pages 70-72 of the Budget Details)?*

Response: A copy of the Department's equipment replacement policy is attached (Attachment "D"). Yes, the policy includes equipment shown in 17-72 and the equipment requested to replace our aging equipment is well beyond the years of service indicated in the replacement policy. For example, the existing dump truck in Makawao is 26 years old and its expected service life is 12 years according to the policy. The backhoe with attachments for Hana District is 23 years old. This would fall under Item 2e in the replacement policy with an expected service life of 15 years. Our garage mechanics have dutifully serviced our equipment and replaced many parts to keep the equipment running. Typical issues we are having with our aging heavy equipment is an increased difficulty in finding parts and increased number of failures due to corrosion, engine failures and hydraulic system failures, which are very costly to repair and can be dangerous to the operators and laborers in the field.

8. *Provide cost breakdowns of the specific equipment needed relating to MAPPS for the Development Services Administration program and explain how the equipment will facilitate the MAPPS implementation (index code 101303C, priorities three through six, page 17-100 of the Budget Details).*

Response: At this point in the project, it is difficult to know exactly what new equipment will be necessary to implement the MAPPS project and what equipment will be provided to DSA out of the MAPPS' budget. The requested budget items are estimates only and will be used for things such as electronic plan review, mobile inspections, public kiosks, and archiving of electronic files. An estimated breakdown is attached. (Attachment "E").

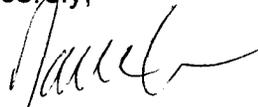
Mr. Sananda K. Baz
Honorable Alan M. Arakawa
For Transmittal to:
Honorable Riki Hokama, Chair
April 11, 2018
Page 17

9. *Various salaries throughout the Department's budget, including salaries in the Engineering program (beginning on page 17-7 of the Budget Details), Development Services Administration program, General Fund (beginning on page 17-31), and Development Services Administration program, Building Permit Revolving Fund (beginning on page 17-95), show increases or decreases in addition to collective bargaining changes, with no further explanation. Please be prepared to offer explanations at the April 13 meeting.*

Response: See attached Explanation of Changes to Regular Wages and Position Detail spreadsheet (Attachment "F").

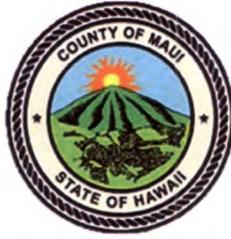
Thank you for the opportunity to comment. We look forward to discussing our proposed Fiscal Year 2019 Budget with the Committee on April 13, 2018.

Sincerely,



DAVID C. GOODE
Director of Public Works

DCG:jso
Attachments
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DRAFT for INTERNAL USE ONLY

MS4 Storm Water Management Program Update April 2018

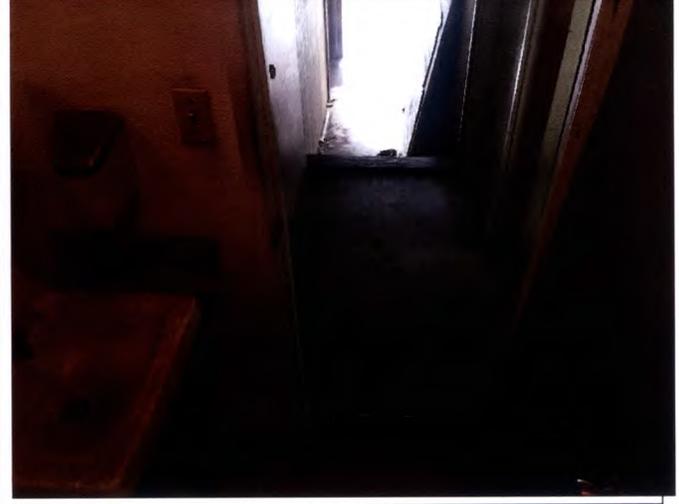
BACKGROUND	<p>April 2014 – County became regulated by a Phase 2 National Pollutant Discharge Elimination System (NPDES) General Permit for discharge from the County’s storm water system in the Kahului-Paia Urbanized Area (designated in 2010 census). Phase 2 permittees are referred to as “Small MS4 Permittees” and have less onerous requirements than the Large MS4 permittees, such as the City & County of Honolulu and State DOT.</p>
	<p>Permit requires the County to take specific actions to control pollutants from their MS4 to the “maximum extent practicable.”</p>
	<p>County has tried to keep up with requirements, in part by leveraging existing relationships and sharing resources with other permittees. Some deferment in the schedule of activities has occurred due to funding constraints.</p>
PERMIT STATUS	<p>Initial permit expired December 2016. County is currently conducting their permit activities under an administrative extension, guided by their existing Storm Water Management Program (SWMP) Plan.</p>
	<p>May 2016 – DOH proposed new permit conditions, partly in response to a court ruling in a claim against the EPA that the public was not given adequate opportunities to have input to NPDES permit programs. Onerous proposed conditions, plus proposal to extend the permit to Kihei and West Maui, estimated to increase County MS4 compliance costs by an order of magnitude.</p>
	<p>County penned a letter of objection with more than 50 substantial comments, describing how many of the proposed measures were not practical, beyond the capacity of the County, and beyond the reach of the Phase 2 Small MS4 Permit program.</p>
	<p>DOH withdrew the permit, and will be following a 2-step Permit process. The first step will be issuance of a General Permit similar to the recently expired permit. Step 2 will require the County to submit their SWMP plan to DOH and public review.</p>
CONCERNS	<p>SWMP will become enforceable and litigable, and subject to DOH approval before Phase 2 of the permit is granted. We expect significant effort in negotiating permit terms.</p>
	<p>DOH’s proposed permit conditions signaled an increase in permit requirements with each permit iteration – similar to what has been seen for the City & County of Honolulu.</p>
	<p>County’s permit will become more onerous, as new permit requires increased activities and programs, and more tracking.</p>
	<p>Developing the County’s new SWMP and fulfilling its requirements will take significantly more resources than have been allocated in the past.</p>

PUBLIC WORKS HIGHWAYS POSITIONS

date: 03/13/2018

		Admin	Wailuku	EXP	Wku PP	Wku Grg	Makawao	EXP	Mak Grg	Hana	Hana Grg	Lahaina	Lah Grg	Molokai	Mol Grg	Lanai	Lanai Grg	TS&M	TS
Chief of Highways	EM-07	1																	
Hwys Superintendent	EM-05	1																	
Engr Support Tech	SR-15	1																	
Auto Svcs Coord	SR-24	1																	
Equip Op Instructor	SR-17	1																	
Secretary II	SR-16	1																	
Admin Svcs Asst II	SR-13	1																	
Dist Supervisor II	F3-11		1				1												
Dist Supervisor I	F2-11									1		1		1		1			
HCM Supervisor II	F1-10		1		1		1												
HCM Supervisor I	WS-10		2		1		1			2		1		1		1			
EO IV	BC-10		7		1		5			4		4		2		1			
EO III	BC-09		3				5			4		2		3		2			
St Sweeper Op	BC-09		1				1					1		1					
Trac Mower Op	BC-04		2				4			2		1							
PW Utility	BC-10		2				1			1									
PW O&M Wkr I	BC-06													1					
Laborer II	BC-03		8	4	2		7	1		6		7		6		2			
Admin Svcs Asst I	SR-12		1				1			1		1		1		1			
Vet Cem Supervisor	WS-03						1												
Vet Cem Caretaker	BC-03						1							1					
Auto Rpr Supv II	F2-11					1													
Auto Rpr Supv I	F1-11								1		1				1				
Const Eq Mech II	WS-11					1													
Const Eq Mech I	BC-11					6			2		2		1		2		1		
Auto Mech I	BC-10					2			2		1				1				
Tire Repairer	BC-05					2													
Body/Fender Repr	BC-10					1													
Hev Eq Cons Welder	BC-11					1													
Auto Svcs Attendant	BC-06					1													
Clerk III	SR-10					1			1						1				
TSM Supv II	F2-09																		1
TSM Painter II	WS-09																		2
TSM Painter I	BC-09																		3
TSM Painter Help	BC-05																		5
Clerk III	SR-10																		1
Elec Tech II	WS-15																		1
Elec Tech I	BC-15																		2
Subtotal:		7	28		5	16	29		6	21	4	18	1	17	5	8	1	12	3
TOTAL:		181																	

1. Renovations to Old Parks Building (working space and office)



2. Tire Shop Restroom (replace toilet, window and toilet)

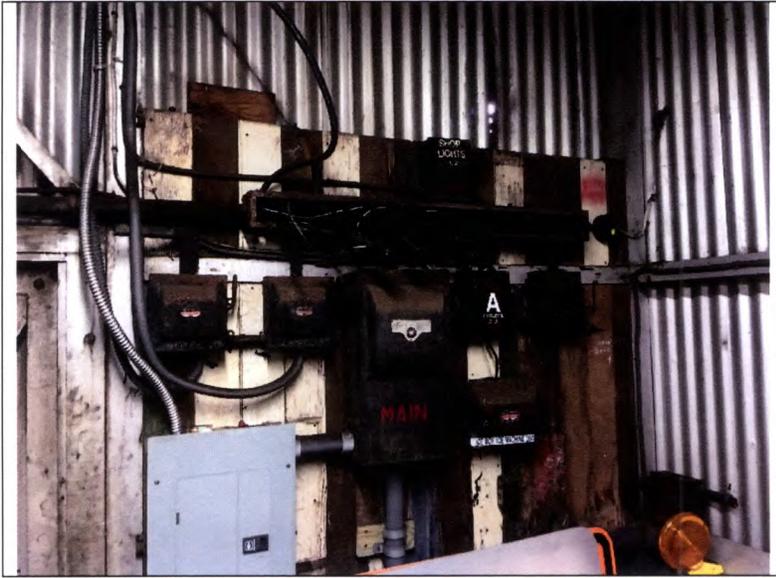


3. Roofing/Siding Repairs to Old Parks Bldg, Tire Shop, Traffic Section Bldg (holes in siding and roof)





4. Replace outdated breaker box for Traffic Signs and Markings



5. Replace 2 Roll up doors at Tire Shop



Department of Public Works and Environmental Management

Motor Vehicle and Equipment Replacement Policy

Criteria for Vehicle or Equipment Replacement

1. The vehicle is considered essential to providing effective services to the public;
2. The vehicle has reached its effective service life. The vehicle has generally exceeded the following life expectancies:
 - a. Sedan, Station wagon, pickup truck 7 years or 70,000 miles
 - b. Stake truck, 1 ton or larger 10 years or 100,000 miles
 - c. Special truck (ladder bitumuls, etc.) 10 years or 100,000 miles
 - d. Dump truck
 - Gas 10 years
 - Diesel 12 years
 - e. Construction equipment (Grader, loader, roller, dozer, etc.) 15 years
 - f. Landfill equipment
 - Equipment used in landfills (Unless buy-back clause is used) 7 years
 - g. Grass cutting equipment
 - Tractor, mounted 8 years
 - Self-propelled 5 years
 - Hand-pushed 3 years
 - h. Compressor 15 years or 12,000 hours
 - i. Generator 15 years or 12,000 hours
 - j. Welding Machine 8 years or 8,000 hours
 - k. Paint Striping Machine 5 years
 - l. Road Sweeper 10 years
 - m. Battery and Gas-driven Utility Carts 5 years
3. When operated, the vehicle endangers the safety of the operator, passengers and/or people in close proximity of the vehicle and the repair cost to make the vehicle exceeds the replacement acquisition cost;
4. The unit cannot be repaired due to unavailability of parts;
5. The repair cost of a unit damaged by accident or other causes, exceeds the actual cash value of the unit prior to the damage;
6. The accumulated major repair costs plus the anticipated additional repair cost to recondition the unit exceeds 50% of the replacement acquisition cost;

Motor Vehicle and Equipment Replacement Policy
Page 2

7. The history of annual cost of renting a substitute for a unit that is sidelined for an extended period due to difficulty in obtaining parts exceeds the annual cost of a new unit; or
8. The unit is obsolete and is no longer suitable for the mode of operations.

Criteria for Vehicle or Equipment Purchase

1. The unit should be capable of providing services at least on a par with the vehicle it is replacing, or if it is an additional vehicle purchase, the unit should clearly serve an identified public need;
2. The decision as to mode of purchase (new, used, government surplus, lease) should be based on the optimum cost per year over the life of the vehicle consistent with effective service to the public;
3. The selection of vehicle and equipment make and model shall take into consideration its utility, practicality, ease of maintenance, and value, and shall not be generally considered a luxury make and model; and
4. Accessory luxury items on the vehicle or equipment unrelated to the functioning of the unit such as compact disc systems, leather upholstery, moonroof or sunroof, and power seats, shall not be included.

COMPUTER EQUIPMENT (7031)

Description	Units	Cost/Unit	Total
Large Monitor (minimum 32")	20	1000	20000
Ipad w/ accessories	20	1000	20000
New PC (Public Kiosk)	5	2000	10000
			50000

OFFICE EQUIPMENT (7042)

Scanner	6	1000	6000
Printer	2	2000	4000
			10000

OFFICE FURNITURE (7043)

Workstations	10	2000	20000
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OTHER EQUIPMENT (7044)

Large Formate Scanner	2	30000	60000
Automobile Workstations w/ accessories	20	400	8000
Miscellaneous Items			11000
			79000

COUNTY OF MAUI
FY 2019 MAYOR'S PROPOSED BUDGET
EXPLANATION OF CHANGES TO REGULAR WAGES AND POSITION DETAIL

FY 2018 COUNCIL ADOPTED						FY 2019 MAYOR'S PROPOSED							FY 2019 DEPARTMENT UPDATES					
Position No.	Position Title	SR/Step	BU	FY 2018 Amount	FY 2018 E/P	Position Title	SR/Step	BU	(+/-) OVER FY 2018 Adopted Amount	FY 2019 Amount	(+/-) OVER FY 2018 Adopted E/P	FY 2019 E/P	EXPLANATION OF CHANGES	Position Title	SR/Step	(+/-) OVER FY 2018 Adopted Amount	FY 2019 Amount	EXPLANATION OF CHANGES
916015A DPW ADMINISTRATION																		
PW-0439	Personnel Assistant II	SR-17K	3	\$57,072	1.0	Personnel Assistant II	SR-17G	3	-\$4,776	\$52,296	0.0	1.0	Position filled at a lower pay scale.	Personnel Assistant I	SR-15J	-\$2,640	\$54,432	Position reallocated.
PW-0652	Clerk III	SR-10F	3	\$35,676	1.0	Clerk III	SR-10L	3	\$12,672	\$48,348	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Clerk III	SR-10L	\$12,672	\$48,348	Proposed reallocation from Clerk II to Clerk III. Anticipate incumbant qualifying and retaining step L
PW-0665	Departmental Contracts Coordinator	SR-22C	13	\$50,772	1.0	Departmental Contracts Coordinator	SR-22H	13	\$13,704	\$64,476	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Departmental Contracts Coordinator	SR-22D	\$4,320	\$55,092	Encumbant returned to position. Anticipated step movement
916023A ENGINEERING DIVISION																		
PW-0018	Engineering Aid I	SR-07B	3	\$27,132	1.0	Engineering Aid III	SR-15C	3	\$14,232	\$41,364	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Engineering Aid III	SR-15C	\$14,232	\$41,364	Incumbent meets MQs for reallocation; anticipate processing.
PW-0398	Civil Engineer IV	SR-24L	3	\$0	1.0	Civil Engineer IV	SR-24L	13	\$84,876	\$84,876	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Civil Engineer IV	SR-24L	\$84,876	\$84,876	Restore funding for position defunded in FY 2018
PW-0538	Engineering Drafting Aid III	SR-17L	3	\$59,352	1.0	Engineering Drafting Aid III	SR-17B	3	-\$16,344	\$43,008	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Engineering Drafting Aid III	SR-17B	-\$16,344	\$43,008	Position filled at a lower step
PW-0574	Land Surveyor II	SR-24F	13	\$64,284	1.0	Land Surveyor II	SR-24L	13	\$20,592	\$84,876	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Land Surveyor II	SR-24L	\$20,592	\$84,876	Unable to fill at lower step. Recruiting above the minimum
PW-0590	Construction Inspector II	SR-19K	3	\$61,752	1.0	Construction Inspector II	SR-19J	3	\$1,860	\$63,612	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Construction Inspector II	SR-19J	\$1,860	\$63,612	Correction to step - Due to new CBA agreement; EE no longer eligible for anticipated step movement.
916114A COUNTY GARAGES MAUI																		
PW-0082	Automotive Repair Supervisor II	F2-11B1	2	\$68,364	1.0	Automotive Repair Supervisor II	F2-11A1	2	\$3,192	\$71,556	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Automotive Repair Supervisor II	F2-11A1	\$3,192	\$71,556	Vacant (resignation), interviews pending.
916031A DEVELOPMENT SVCS ADMIN SAL																		
PW-0020	Development Services Operations Clerk	SR-17H	3	\$50,772	1.0	Development Services Operations Clerk	SR-17I	3	\$5,760	\$56,532	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Development Services Operations Clerk	SR-17I	\$5,760	\$56,532	Currently SR-17I. EE#13063. Step movement on 6/5/17
PW-0101	Plumbing Inspector II	SR-19A	3	\$41,724	1.0	Plumbing Inspector II	SR-19H	3	\$17,100	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Plumbing Inspector II	SR-19H	\$17,100	\$58,824	Unable to fill at lower step. Recruiting above the minimum
PW-0315	Construction Inspector II	SR-19M	3	\$66,792	1.0	Construction Inspector II	SR-19J	3	-\$3,180	\$63,612	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Construction Inspector II	SR-19J	-\$3,180	\$63,612	Position filled at lower step
PW-0355	Electrical Inspector Trainee	SR-14F	3	\$41,724	1.0	Electrical Inspector II	SR-19H	3	\$17,100	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Electrical Inspector II	SR-19H	\$17,100	\$58,824	Position reallocated. Recruiting above the minimum.
PW-0391	Land Use & Codes Building Permit Clerk	SR-13M	3	\$52,752	1.0	Land Use & Codes Building Permit Clerk	SR-13F	3	-\$9,744	\$43,008	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Land Use & Codes Building Permit Clerk	SR-13F	-\$9,744	\$43,008	Position filled at lower step
PW-0393	Electrical Inspector II	SR-19C	3	\$45,096	1.0	Electrical Inspector II	SR-19H	3	\$13,728	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Electrical Inspector II	SR-19H	\$13,728	\$58,824	Unable to fill at lower step. Recruited and filled above the minimum

COUNTY OF MAUI
FY 2019 MAYOR'S PROPOSED BUDGET
EXPLANATION OF CHANGES TO REGULAR WAGES AND POSITION DETAIL

FY 2018 COUNCIL ADOPTED						FY 2019 MAYOR'S PROPOSED								FY 2019 DEPARTMENT UPDATES				
Position No.	Position Title	SR/Step	BU	FY 2018 Amount	FY 2018 E/P	Position Title	SR/Step	BU	(+/-) OVER FY 2018 Adopted Amount	FY 2019 Amount	(+/-) OVER FY 2018 Adopted E/P	FY 2019 E/P	EXPLANATION OF CHANGES	Position Title	SR/Step	(+/-) OVER FY 2018 Adopted Amount	FY 2019 Amount	EXPLANATION OF CHANGES
PW-0394	Plumbing Inspector II	SR-19K	3	\$61,752	1.0	Plumbing Inspector II	SR-19H	3	-\$2,928	\$58,824	0.0	1.0	Position filled at a lower pay scale.	Plumbing Inspector II	SR-19H	-\$2,928	\$58,824	Position filled at lower step
PW-0488	Land Use & Codes Building Permit Clerk	SR-13J	3	\$46,932	1.0	Land Use & Codes Building Permit Clerk	SR-13B	3	-\$10,200	\$36,732	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Land Use & Codes Building Permit Clerk	SR-13B	-\$10,200	\$36,732	Position filled at lower step
PW-0553	Land Use & Codes Building Permit Clerk	SR-13C	3	\$35,676	1.0	Land Use & Codes Building Permit Clerk	SR-13B	3	\$1,056	\$36,732	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Land Use & Codes Building Permit Clerk	SR-13B	\$1,056	\$36,732	Position filled at lower step
PW-0633	Electrical Inspector II	SR-19C	3	\$45,096	1.0	Electrical Inspector II	SR-19H	3	\$13,728	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Electrical Inspector II	SR-19H	\$13,728	\$58,824	Realignment of position's step to match other Electrical Inspector IIs
PW-0634	Electrical Engineer III	SR-22H	13	\$61,824	1.0	Electrical Engineer III	SR-22H	13	\$2,652	\$64,476	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Electrical Engineer IV	SR-24H	\$10,704	\$72,528	Position was reallocated to Electrical Engineer IV on 12/1/17
101303A PLAN REVIEW REVOLVING SAL																		
PW-0022	Supervising Plumbing Inspector	SR-23E	3	\$57,072	1.0	Supervising Plumbing Inspector	SR-23E	4	\$4,104	\$61,176	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Supervising Plumbing Inspector	SR-23G	\$9,120	\$66,192	Position filled at higher step.
PW-0024	Supervising Building Inspector	SR-23H	4	\$64,176	1.0	Supervising Building Inspector	SR-23D	4	-\$5,352	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Supervising Building Inspector	SR-23D	-\$5,352	\$58,824	Position filled at lower step
PW-0354	Electrical Inspector II	SR-19M	3	\$66,792	1.0	Electrical Inspector II	SR-19H	3	-\$7,968	\$58,824	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Electrical Inspector II	SR-19H	-\$7,968	\$58,824	Position filled at lower step
PW-0622	Computer Applications Support Technician III	SR-17K	3	\$57,072	1.0	Computer Applications Support Technician III	SR-17B	3	-\$14,064	\$43,008	0.0	1.0	Position filled at a lower pay scale.	Computer Applications Support Technician III	SR-17B	-\$14,064	\$43,008	Position filled at lower step
PW-0623	Land Use & Codes Building Permit Clerk	SR-13B	3	\$34,260	1.0	Land Use & Codes Building Permit Clerk	SR-13C	3	\$3,960	\$38,220	0.0	1.0	Position filled at a higher pay scale.	Land Use & Codes Building Permit Clerk	SR-13C	\$3,960	\$38,220	Position filled at lower step
PW-0110	Engineering Support Technician I	SR-15F	3	\$43,428	1.0	Engineering Support Technician II	SR-17B	3	-\$420	\$43,008	0.0	1.0	Position filled at a lower pay scale.	Engineering Support Technician II	SR-17B	-\$420	\$43,008	Position filled at lower step and subsequently reallocated.
916502A HIGHWAY ADMINISTRATION																		
PW-0662	Engineering Support Technician I	SR-15F	3	\$43,368	1.0	Engineering Support Technician II	SR-17F	3	\$6,936	\$50,304	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Engineering Support Technician II	SR-17F	\$6,936	\$50,304	Proposed reallocation
916551A ROAD MAINTENANCE HANA																		
PW-0363	Administrative Services Assistant I	SR-12D	3	\$35,676	1.0	Administrative Services Assistant I	SR-12B	3	-\$336	\$35,340	0.0	1.0	Position filled at a lower pay scale.	Administrative Services Assistant I	SR-12B	-\$336	\$35,340	Position filled at a lower step.
916569A ROAD MAINTENANCE MOLOKAI																		
PW-0276	Clerk III	SR-10D	3	\$32,976	1.0	Administrative Services Assistant I	SR-12C	3	\$3,756	\$36,732	0.0	1.0	Position reallocation.	Administrative Services Assistant I	SR-12C	\$3,756	\$36,732	Position reallocation.
916577A ROAD MAINTENANCE LANAI																		
PW-0631	Clerk III	SR-10F	3	\$35,676	1.0	Administrative Services Assistant I	SR-12F	3	\$5,688	\$41,364	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Administrative Services Assistant I	SR-12F	\$5,688	\$41,364	Position reallocation (match org. structure of other districts).
916601A TRAFFIC SIGNS & MARKINGS																		
PW-0382	Traffic Signs & Markings Helper	BC-05	1	\$43,308	1.0	Traffic Signs & Markings Helper	BC-05	1	\$2,916	\$46,224	0.0	1.0	Increase pursuant to Collective Bargaining Agreement.	Traffic Signs & Markings Installer	BC-07	\$6,708	\$50,016	Position reallocated