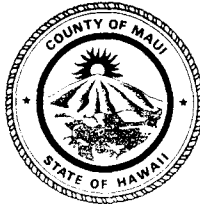


ALAN M. ARAKAWA  
MAYOR



RECEIVED

KEITH A. REGAN  
MANAGING DIRECTOR

2017 FEB -6 PM 3:15

OFFICE OF THE MAYOR

Ke'ena O Ka Meia

COUNTY OF MAUI – Kalana O Maui

February 3, 2017

OFFICE OF THE  
COUNTY COUNCIL

REFERENCE NO. BD-BA 17-79b

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

A handwritten signature in black ink, appearing to read "Alan Arakawa", followed by the date "2/6/17".

For Transmittal to:

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

Dear Chair Hokama:

**SUBJECT: AMENDMENTS TO THE FISCAL YEAR 2017 BUDGET  
(APPENDIX C PROJECT DESCRIPTION REVISIONS) (BF- 22)**

I am transmitting the attached revised proposed bill relating to Appendix C – Capital Improvement Projects, Department of Environmental Management, Department of Parks and Recreation, Department of Public Works and Department of Water Supply.

The revised proposed bill includes revisions to several project descriptions and replaces the bills transmitted on January 13, 2017 and January 24, 2017.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Lynn Araki-Regan".

LYNN ARAKI-REGAN  
Budget Director

Attachment

cc: Keith Regan, Managing Director  
Stewart Stant, Director of Environmental Management  
Ka'ala Buenconsejo, Director of Parks and Recreation  
David Goode, Director of Public Works  
David Taylor, Director of Water Supply

ORDINANCE NO. \_\_\_\_\_

BILL NO. \_\_\_\_\_ (2017)

A BILL FOR AN ORDINANCE AMENDING  
THE FISCAL YEAR 2017 BUDGET FOR THE COUNTY OF MAUI  
AS IT PERTAINS TO APPENDIX C - CAPITAL IMPROVEMENT PROJECTS,  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT,  
DEPARTMENT OF PARKS AND RECREATION,  
DEPARTMENT OF PUBLIC WORKS,  
DEPARTMENT OF WATER SUPPLY

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

SECTION 1. Ordinance No. 4334, Bill No. 62 (2016), Draft 1, as amended, "Fiscal Year 2017 Budget", Appendix C – Capital Improvement Projects, is hereby amended as it pertains to the Department of Environmental Management, by revising select project descriptions, to read as follows:

"APPENDIX C - Capital Improvement Projects"			
CBS NO.	PROJECT TITLE/DESCRIPTION	APPROPRIATION	
	<u>Department of Environmental Management</u>		
	<i>1. Countywide</i>		
CBS-2722	<b>a. Countywide Landfill PV/Wind Turbine Lighting</b>	195,000	C
	Design, equipment, and installation of renewable energy lighting systems for site safety and security at county landfills in areas where no electric power exists.		
CBS-3182	<b>b. Environmental Compliance System Design and Construction</b>	100,000 150,000	D C
	Design and construction services to address environmental compliance opportunities and operational improvements at all county solid waste management facilities in alignment with state and federal requirements.		
CBS-1132	<b>c. Countywide Environmental Protection Agency (EPA) Compliance Projects</b>	500,000	C
	Design, construction, replacement or remediation of damaged or deteriorated [sewer lines] <u>wastewater infrastructure</u> throughout the county as a requirement of the 1999 Consent Decree.		
CBS-1119	<b>d. Countywide Environmental Protection Agency (EPA) Consent Decree Wastewater Reclamation Facility Renovation Projects</b>	1,600,000	C
	Design, construction, remediation, or replacement of equipment at Wastewater Reclamation Facilities (WWRF) as required by the 20-year Rehabilitation and Replacement Plan, developed under the 1999 Consent Decree. FY 2017 projects include: Electrical system upgrades at the Lahaina and Kahului WWRFs, repairs to headworks, repairs to chlorine mixing rooms and replacement of aeration discs at Kahului WWRF.		

CBS-2732	<b>e. Countywide Satellite Recycled Water Facilities</b>	200,000	P
	Feasibility study to identify possible locations of facilities necessary to recycle wastewater close to the generation source.		
CBS-1128	<b>f. Countywide Wastewater System Modifications</b>	200,000 300,000	D C
	Design and construction services to address environmental compliance opportunities and operational improvements at all county wastewater system facilities in alignment with state and federal requirements.		
CBS-2734	<b>g. Countywide Wastewater Reclamation Facility (WWRF) Chlorination System Upgrade</b>	2,000,000	C
	Upgrade of a chlorination system required for algae control and effluent disinfection to maintain quality water processing.		
	<b>2. Hana Community Plan Area</b>		
CBS-1908	<b>a. Hana Landfill Makai Berm Waste Removal</b>	2,000,000	G
	Design and remediation of unpermitted waste dumped outside of the existing permitted waste limits of Hana Landfill by removing waste from the Makai side of the landfill, and relocating the waste to the current permitted landfill parcel in alignment with Hawaii Department of Health remediation requirements.		
	<b>3. Kihei-Makena Community Plan Area</b>		
CBS-3196	<b>a. Kenolio Road/Koki Place Sewer Rehabilitation</b>	50,000	D
	Design the replacement of existing sewer lines in disrepair on Kenolio Road and Koki Place in Kihei.		
CBS-2730	<b>b. Kihei Wastewater Reclamation Facility (WWRF) RTU Upgrades</b>	1,500,000	C
	<u>Design and [R]</u> replacement of twelve radio transmitting units and the associated programming to make the new units function properly.		
CBS-2321	<b>c. North Kihei Mauka Transmission System</b>	200,000	P
	Preliminary study and planning for the design and construction of a wastewater collection and transmission system for development mauka of Piilani Highway.		
CBS-1917	<b>d. Kulanihako Street Recycled Water Line Extension</b>	1,700,000	C
	Design and construction of an extension to the Kihei recycled water distribution system to deliver recycled water for irrigation use at the planned Kihei High School and other multi-family and commercial customers.		
	<b>4. Molokai Community Plan Area</b>		
CBS-3184	<b>a. Molokai Landfill - Environmental Assessment Amendment</b>	160,000	P
	Complete an Environmental Assessment amendment to include provisions for future phases 5 & 6, which will expand the landfill footprint to approximately 19 acres and extend the life of the landfill by approximately 26 years.		
	<b>5. Wailuku-Kahului Community Plan Area</b>		
CBS-1109	<b>a. Central Maui Landfill (CML) Phase V Gas Collection System Expansion</b>	2,500,000	C
	<u>Design and [C]</u> construction of infrastructure expansion to collect and control landfill gas at Central Maui Landfill Phase V, per state and federal regulations.		

CBS-3181	<b>b. Central Maui Landfill System Control and Data Acquisition</b>	80,000	D
	Design to provide the necessary infrastructure and equipment to monitor and record data in real time critical regulatory monitoring systems such as landfill gas, leachate collection, storm water, and meteorological data on-site and remotely for both operations and engineering sections for compliance requirements at the Central Maui Landfill.		
CBS-3175	<b>c. Leachate Collection and Recovery and Electrical Distribution System Upgrades</b>	80,000	D
	Design of upgrades to modernize the leachate collection and recovery system at the Central Maui Landfill Phase IV-A Wet Well and Leachate Storage Tanks, including upgrading electrical distribution systems, mechanical design upgrades, and providing reliable and uninterrupted operation of the system.		
CBS-1131	<b>d. Environmental Protection Agency (EPA) Sewer Rehabilitation</b>	1,000,000	G
	Design, construct, and remediate or replace major gravity sewer lines that are damaged or in disrepair, identified through video investigation or other means. [Scope of work to include construction of a replacement line at Ku Drive, and design of replacement lines at South and North Mokuhan Roads, and Piihana Road.]		
CBS-3233	<b>e. Wailuku-Kahului Wastewater Reclamation Facility Solids Building Renovation</b>	1,000,000	G
	Design, construction, and/or renovations to the Solids Handling Building located at the Wailuku-Kahului Wastewater Reclamation Facility. Scope of work includes structural, electrical, and cosmetic aspects to the interior and exterior of the structure.		
	<b>6. West Maui Community Plan Area</b>		
CBS-3174	<b>a. Lahaina Refuse Office</b>	250,000	G
	Equipment and installation of a new mobile office for Lahaina Refuse collection employees because the current office trailer is damaged beyond repair.		
CBS-3202	<b>b. Lahaina Wastewater Reclamation Facility Upgrade for Direct Potable</b>	150,000	P
	Completion of a Project Engineering Report to determine the requirements of additional processes required to refine treated wastewater to a quality suitable for introduction to the County's potable water supply.		
CBS-1161	<b>c. Napili No. 3 Force Main Replacement</b>	200,000	D
	Design for the replacement of a 2,074-foot long, 16-inch diameter ductile iron pipe force main, constructed in 1985. This line is located within Lower Honoapiilani Road (between Hui Nui Place and Hoohui Road, Lahaina).		
CBS-1174	<b>d. Napili No. 4 Force Main Replacement</b>	200,000	D
	Design for the replacement of a 2,040-foot long, 14-inch diameter ductile iron pipe force main, constructed in 1985. This line is located within Lower Honoapiilani Road (between Hui Road "F" and Napili Hau St., Lahaina).		
CBS-1162	<b>e. Napili Nos. 5 and 6 Force Main Replacements</b>	3,200,000	C
	<u>Design and [C]</u> construction to replace two interconnected 14-inch diameter ductile iron pipe force mains within Lower Honoapiilani Road, which were constructed in 1985 and nearing the end of their useful life.		

CBS-1144	<b>f. Lahaina Wastewater Reclamation Facility (WWRF) Modifications, Stage IA</b>	12,500,000	C
	Provide engineering consultant services to design long term operational process changes to the 1975 and 1985 treatment facilities; provide complete design plans and bid documents for required work; and complete construction of basins and other required facilities.		
CBS-1163	<b>g. Sheraton Wastewater Pump Station Modifications</b>	1,000,000	C"
	<u>Design and [C]</u> construction of upgrades (pumps, motors, generators, SCADA, etc.) and required modifications (building, piping, electrical) to the existing pump station located on the Kaanapali Golf Course and originally constructed in 1967.		

SECTION 2. Fiscal Year 2017 Budget is hereby amended as it pertains to Appendix C - Capital Improvement Projects, Department of Parks and Recreation, by revising select project descriptions, to read as follows:

<b><u>"APPENDIX C - Capital Improvement Projects</u></b>			
<b>CBS NO.</b>	<b>PROJECT TITLE/DESCRIPTION</b>	<b>APPROPRIATION</b>	
	<b><u>Department of Parks and Recreation</u></b>		
	<b><i>1. Countywide</i></b>		
CBS-3232	<b>a. Countywide Park Playground Improvements</b>	1,115,000	G
	1) Design, construction, and/or replacement of playground and safety surfacing at Waiale Park and Keopuolani Park; construction of playground shade structures at South Maui Community Park and Kalama Park. 2) From the West Maui Park Assessment Fund, \$115,000: Design and construct shade structure at Napili Park Playground, Honokowai Park, and Lahaina Recreation Center. 3) Provided that, \$30,000 shall be for the Wailuku Heights Park (design, equipment, installation and construction), provided, the Wailuku Heights Association contributes an additional \$5,000 for improvements to the Park.		
CBS-1117	<b>b. Countywide Parks Americans with Disabilities Act (ADA) Improvements</b>	300,000	G
	Design, construction, and/or renovations at county park facilities to meet the county's ADA Transition Plan to provide handicapped accessibility for park facilities. Scope of work will involve the following: Kahului School Park, Kepaniwai Park, Sun Yat-Sen Park, beach parks, community centers, swimming pools, and the Waiehu Golf Course.		
CBS-3215	<b>c. Countywide Toilet Trailers</b>	440,000	A
	Design, acquisition and installation of toilet trailers for county park facilities that do not have restrooms. Trailers can also be moved to facilities for special events or where restrooms are out of order.		
	<b><i>2. Hana Community Plan Area</i></b>		
CBS-3236	<b>a. Hana Civic Center</b>	50,000	P
	Planning for land acquisition, design, and construction of a multi-agency civic center to serve the community in Hana.		

CBS-2350	<b>b. Hana-Keanae-Kailua Parks System</b>	250,000	G
	Planning, construction and/or renovations of Helene Hall to include replacement of flooring, entry doors, ceiling, ceiling fans, and jalousie windows, and to repaint the interior; Design and renovations to Helene Hall restrooms to include replacement of toilet partitions, patch holes, install tiles in plumbing walls and replace jalousies; Hana ball park dugout, painting and re-roofing.		
CBS-1971	<b>c. Helene Hall Improvements</b>	50,000	D
	Planning and design for the construction of pumping system and absorption field, at the Hana Ball Park, for the aerobic treatment system at Helene Hall.		
	<b>3. Kihei-Makena Community Plan Area</b>		
CBS-2345	<b>a. South Maui Parks System</b>	900,000	G
	Design and replace wood ramps with concrete ramps at Kalama Skatepark; Roof replacement and design of Kalama Park Pavilion; Design and fencing of Kalama Park baseball and softball fields; Design and replacement of Kalama Park Bandstand roof; Design and replacement of ambulance station roof at Kenolio Recreation Center; Design, cold plane and 2-inch asphalt overlay on parking lot at Kamaole III Park; Design, permitting and construction of new parking lot entry, grading of parking area, placement of salvaged asphalt millings, and slurry seal coating at Poolenalena Park; Design, cold plane and 2-inch asphalt overlay of parking lots at Kamaole I Park; Design, cold plane and 2-inch asphalt overlay of parking lots at Kilohana Park (Keawakapu); Design, cold plane and 2-inch asphalt, and replacement of curbing on parking lot at Haycraft Park; Design, cold plane and 2-inch asphalt and replacement of curbing on parking lot at Waipuilani Park; Design and repair of perimeter fencing with addition of fencing for designated dog park area at Kenolio Recreation Center.		
CBS-2359	<b>b. Waipuilani Park Irrigation System</b>	100,000	D
	Design and permitting of an automatic irrigation system utilizing R-1 water from the Department of Environmental Management for the second phase of Waipuilani Park across drainage channel; <u>Archeological monitoring and reports, and electrical infrastructure improvements, for both phases of project.</u>		
CBS-2742	<b>c. South Maui Building Maintenance Repairer Baseyard</b>	150,000	D
	Design of a baseyard for the South Maui Parks District maintenance [operations at South Maui Community Park].		
CBS-1118	<b>d. South Maui Community Park</b>	650,000	D
	Update the master plan and design for the continued construction of the South Maui Park.		
	<b>4. Lanai Community Plan Area</b>		
CBS-2347	<b>a. Lanai Parks System</b>	450,000	G
	Design, acquisition, and construction of a replacement maintenance building for large equipment storage; building renovations to the Lanai Community Center, replacement of door/windows and painting.		

	<b>5. Makawao-Pukalani-Kula Community Plan Area</b>		
CBS-2349	<b>a. Makawao-Pukalani-Kula-Ulupalakua Parks System</b>	350,000	G
	Design and replace inoperable jalousie windows at Eddie Tam Gym; Design, repair/replace fascia at Eddie Tam gym; Design and repair roof structure, replace metal roofing, and repair floor at Haliimaile gym.		
CBS-3208	<b>b. Upcountry Skate Park</b>	1,200,000	C
	Design and [C]construction of a multi-skill-level skate park with lights and ADA accessibility from nearby parking in Pukalani.		
CBS-2329	<b>c. Waiakoa Gym Improvements</b>	75,000	D
	Design for renovations to existing gym building to include replacement of existing roofing material, repair and repainting of building exterior, and repair and refinishing of the court flooring.		
	<b>6. Molokai Community Plan Area</b>		
CBS-2346	<b>a. Molokai Parks System</b>	900,000	G
	Design and replace finishes, fixtures, add new water storage tanks and a septic system at Halawa Park; Design and upgrade outdoor lights and electrical system at Kilohana Recreation Center; Replace pavilion roofing at One Alii Park I; Asbestos removal, re-roofing and design, and termite repairs at Mitchell Pauole Office Building; Design and repair termite-damaged wood and repainting of Kaunakakai Gym; Design and repair termite-damaged wood and repainting of Kaunakakai Youth Center; Design and repair termite-damaged wood and repainting of Maunaloa Community Center; Design and repair termite-damaged wood and repainting of Kilohana Recreation Center.		
	<b>7. Paia-Haiku Community Plan Area</b>		
CBS-2348	<b>a. Paia-Haiku Parks System</b>	720,000	G
	Design and replace (4) four sliding glass doors at Paia Community Center; Design and modify existing roof drains in concrete for proper drainage and missing wood vents at storage, replace Plexiglass windows near doors, and paint entire building at Paia Community Center; Paia Community Center ADA compliance; Parking lot improvements planning, permitting, design, and construction of Lower Paia Park; Design and replace roof on scorekeeper booth at Haiku Field; Design and resurface existing cracked basketball court with new acrylic at Paia Gym; Design and resurface existing cracked basketball courts with new acrylic at Haiku Field; Design and resurface existing cracked basketball court with new acrylic at Lower Paia Park; Design and replace 6' high perimeter chainlink fencing along property of Paia Gym; Design and construction of roof replacement at Paia Gym.		

	<b>8. Wailuku-Kahului Community Plan Area</b>		
CBS-2351	<b>a. Central Maui Parks System</b>	1,000,000	G
	Design, cold plane and 2-inch overlay of parking lot at Velma McWayne Santos Center; Design and repair Concrete Masonry Unit walls for restrooms at Mokuahau Park; Design consultant to conduct structural analysis, create bid documents for structural steel repair for Maehara Baseball Stadium; Seal coat with patch and crack sealing at Leisure Estates Park; Design and resurface two basketball courts with modular surfacing at Wailuku Elementary School Park; Design and re-build one basketball court and replace sports lighting at Puuohala Park; Design and resurfacing of two basketball courts with modular surfacing at Kahului School Park; Design and replace chain link fence and rails at Mokuahau Park; Design and replace chain link fence and rails at Leisure Estates Park; Design and resurfacing of one basketball court with modular surfacing at Waihee Ball Park; Design and replace two backstops at Kahului School [(Fields I and II)]; <u>Replace chainlink fencing at Papohako Park;</u> <u>Design of improvements at Maehara Baseball Stadium.</u>		
CBS-1202	<b>b. Waiehu Golf Course Starter Booth and Restaurant</b>	500,000	D
	Planning, design, permitting, and construction of a new restaurant, pro shop, and starter booth at the Waiehu Golf Course.		
CBS-3231	<b>c. Waiehu Golf Course Wastewater Improvements</b>	50,000	D
	Design for the construction of a wastewater treatment system at the Waiehu Golf Course clubhouse, including design and construction of an absorption field for the wastewater treatment system at the 14th fairway restroom.		
CBS-2330	<b>d. Waikapu Community Center Basketball Court Improvements</b>	500,000	G
	Design and reconstruction of the existing basketball court at Waikapu Community Center, Wailuku.		
CBS-3214	<b>e. Waikapu Community Center Expansion</b>	500,000	G
	Design and construction of improvements and expansion of the existing Waikapu Community Center building and ADA improvements to the facility.		
CBS-3224	<b>f. Wailuku Pool Improvements</b>	50,000	D
	Planning, investigation, and design of pool improvements along with the construction of a backwash water retention system at the Old Wailuku Pool.		
CBS-1209	<b>g. War Memorial Complex Paving Improvements</b>	100,000	D
	Design for the reconstruction of the parking lot serving the football and baseball stadiums.		
	<b>9. West Maui Community Plan Area</b>		
CBS-2344	<b>a. West Maui Parks System</b>		
	Design and replace existing shower with proper drainage and accessibility at both DT Fleming and Honokowai Parks; A/C unit replacement for social hall at Lahaina Civic Center; Design and replace fixtures and finishes in six restrooms and two locker rooms at Lahaina Civic Center; Design and replace social hall kitchen equipment, fixtures, and casework at Lahaina Civic Center; Design and rebuild parking lot (above courthouse) at Lahaina Civic Center; Replace fixtures and finishes in restroom, design and upgrade accessibility at Lahaina Recreation Center I. From West Maui Park Assessment Fund: \$10,000 for Little League scoreboards (equipment, design, and installation) in West Maui; \$150,000 for canopy covers for bleachers at the Lahaina Aquatic Center; \$125,000 for batting cage (equipment, design and installation) at Lahaina Recreation Center.	2,285,000	G"



SECTION 3. Fiscal Year 2017 Budget is hereby amended as it pertains to Appendix C - Capital Improvement Projects, Department of Public Works, by revising select project descriptions, to read as follows:

<b>"APPENDIX C - Capital Improvement Projects"</b>			
<b>CBS NO.</b>	<b>PROJECT TITLE/DESCRIPTION</b>	<b>APPROPRIATION</b>	
	<u>Department of Public Works</u>		
	<u>1. Countywide</u>		
CBS-1027	<b>a. Countywide Drainage Improvements</b>	200,000 800,000	D C
	Design, construction, <u>construction management</u> and implementation of various drainage improvements to conform to regional drainage master plans.		
CBS-1032	<b>b. Countywide Facility Building Improvements</b>	350,000	G
	<u>Design and construction for [R]retaining wall repairs at the Kalana O Maui [B]building and design services for the 2nd floor Mezzanine level, to include repairs and mechanical rooms water proofing. Design and construction of other miscellaneous building projects as needed.</u>		
CBS-3177	<b>c. Bridge Inspection and Evaluation of Various County Bridges</b>	80,000	P
	Bridge inspections in accordance with the requirements of the Federal Highway Administration National Bridge Inspection Standards and the American Association of State Highway and Transportation Officials (AASHTO) Manual for Condition Evaluation of Bridges. Report for each bridge shall include inspection findings, recommendations for repair, and cost estimates.		
CBS-1031	<b>d. Countywide Bridge Improvements</b>	20,000 350,000	D C
	Design, [and] construction <u>and construction management</u> of various bridge <u>repair and replacement</u> projects [and to implement various drainage improvements to conform to regional drainage master plans]. <u>Also, [P]provide plans and specifications for in-house bridge repair and maintenance forces.</u>		
CBS-1034	<b>e. Countywide Pavement Preservation</b>	500,000	C
	Countywide slurry seal design and construction program, which will extend the life of existing asphalt and delay resurfacing. Application typically utilized for asphalt pavement 7-10 years old.		
CBS-1023	<b>f. Countywide Road Resurfacing and Pavement Preservation</b>	5,634,267	D C
	Fund Countywide road resurfacing program. In-house and consultant design, <u>construction and construction management for road improvement projects.</u>		
CBS-1024	<b>g. Countywide Safety Improvements</b>	50,000 550,000	D C
	In-house and consultant design, <u>planning, construction management</u> and construction of various <u>safety related improvements and projects</u> such as striping, guardrails, signs, shoulder widening, realignment, street lights, traffic signals, [and] sidewalks [reconstruction] <u>and increasing roadway user awareness.</u> FY 2017 priorities include: accessibility improvements via curb ramp construction and reconstruction at various locations.		

CBS-1037	<b>h. Countywide Sidewalk Improvements</b>	25,000 475,000	D C
	Design and construction of sidewalk improvements, countywide. These funds will address numerous requests for sidewalk improvements in various areas. FY 2017 priorities include: accessibility and pedestrian improvements fronting the Kahului Fire Station, and Waiale Road between Kaohu Street and Waiinu Road in Wailuku.		
CBS-1035	<b>i. Countywide Traffic Calming Program</b>	200,000	C
	<u>Design and [C]construction of speed humps, countywide to slow drivers down, making our roads safer as well as to address traffic calming and awareness projects. Includes funding for data collection for traffic calming evaluations, construction of speed tables [or] and other traffic calming devices as determined to be supported by evaluation on Olinda Road, Haiku Road (E. Kuiaha Road to Peahi Road), Apana Road, Kokomo Road[, Kaluanui Road, and at the intersection of Piihana Road, Mokuahau Road, Kahekili Highway, and N. Market Street].</u>		
	<b>2. Hana Community Plan Area</b>		
CBS-3183	<b>a. Kalepa Revetment and Seawall Repairs</b>	500,000	D
	Design and permitting for reconstruction of revetment, seawall, and roadway near Kalepa. Approximately 400-foot section of roadway was damaged and undermined by large waves in 2014 during Hurricane Iselle.		
CBS-1046	<b>b. Koukouai Bridge Rehabilitation</b>	600,000	D
	Assessment and design for the remediation, reconstruction, replacement, or construction of a new bridge built in the Hana Highway Historic District near Kipahulu due to structural deficiencies.		
CBS-3225	<b>c. Piilani Highway Road Improvements at Nuanualoa</b>	1,900,000 250,000	C G
	Design, [and] rebuild <u>and construction management of a portion of Piilani Highway at Nuanualoa, which was damaged due to a landslide. Improvements include installing retaining walls with tie-backs, guardrails, pavement structure, and striping.</u>		
CBS-3176	<b>d. Rockfall and Embankment Assessments Hana District</b>		
	Planning and evaluation for future remediation of several potential rockfall and undermined embankment areas. Includes areas near Kalepa, Waiopai, and Manawainui.	350,000	P
	<b>3. Kihei-Makena Community Plan Area</b>		
CBS-1926	<b>a. North South Collector Road - Lokelani School to Auhana Road</b>	100,000	A
	Acquisition of land for the construction of the Kihei North South Collector Road between Lokelani School and Auhana Road, to resolve traffic congestion and safety issues in this area.		
CBS-2764	<b>b. Pavement Rehabilitation at Various Locations - South Maui</b>	1,360,000 500,000	C M
	<u>Design, [R]rehabilitate and construction management of various roads in South Maui: Kulanihakoi Street, Waipuilani Road, Lipoa Road, and Welakahao Road between Piilani Highway and South Kihei Road. Road improvements to include: pavement resurfacing, striping and marking, signage, and safety improvements.</u>		

CBS-1044	<b>c. Waipuilani Bike Path</b>		
	Planning and [D]esign of a bike and pedestrian friendly path near Waipuilani Road in South Maui.	150,000	D
CBS-3239	<b>4. Lanai Community Plan Area</b>		
	<b>a. Lanai Baseyard Improvements</b>	300,000	G
	Design, construction, and/or renovations to the Public Works baseyard facility in Lanai City. The current facility is deteriorated and requires significant improvements to continue to be usable.		
	<b>5. Makawao-Pukalani-Kula Community Plan Area</b>		
CBS-3187	<b>a. Ditch Improvements at Waipoli Road</b>	800,000	C
	Design and [R]epair existing ditch along Waipoli Road. The current ditch is eroded and in need of stabilization measures to prevent further damage to the roadway and adjacent properties.		
CBS-2774	<b>b. Guardrail and Shoulder Improvements at Various Locations</b>	300,000	C
	Planning, design and [I]nstallation and upgrade of guardrails and roadway shoulders. Improvements to include: upgrade of outdated guardrail hardware, installation of new roadside barriers where warranted, repair of damaged hardware, and expansion of roadway shoulders for safety. <u>Land acquisition</u> may also be required for improvements.		
CBS-2765	<b>c. Kokomo Road and Makawao Avenue Pavement Reconstruction, Phase 2</b>	1,700,000 700,000	C M
	<u>Design, [R]econstruct and construction management of</u> Kokomo Road from Haiku Road to milepost 3.1, and Makawao Avenue from Piihola Road to Kokomo Road. Improvements to include striping and marking, signage, and safety improvements.		
	<b>6. Molokai Community Plan Area</b>		
CBS-2775	<b>a. Kaunakakai Drainage System B</b>	200,000	D
	Design of drainage improvements to complete the last segment of the drainage system located in Kaunakakai, Molokai, which will outlet to an existing wetland. The scope of work includes preparation of construction documents and environmental permits. Permanent drainage infrastructure will address the flooding conditions in this portion of Kaunakakai town.		
CBS-1211	<b>b. Molokai Baseyard</b>	5,000,000	C
	<u>Design, [C]onstruction and construction management of</u> an administration building, maintenance shop, garage, subsurface drainage facilities, and material storage bunkers to meet current and future operational needs.		
	<b>7. Paia-Haiku Community Plan Area</b>		
CBS-1066	<b>a. Kaupakalua Road Pavement Reconstruction</b>	550,000	D
	Design for the resurfacing/reconstruction of Kaupakalua Road with improvements to include pavement rehabilitation, striping and marking, signage, and safety improvements.		
CBS-2310	<b>b. Pauwela Road Sidewalk Repairs</b>	500,000	C
	[Design and] <u>For land acquisition and reconstruction of</u> sidewalks on Pauwela Road to Haiku Elementary School, to address accessibility improvements in this area.		

	<b>8. Wailuku-Kahului Community Plan Area</b>		
CBS-1951	<b>a. Papa Avenue Drainage Improvements</b>	400,000	C
	Design and install sub-surface drainage system on Papa Avenue to address ponding issues after major storm events.		
CBS-3189	<b>b. Central Maui Drainline Repairs</b>	850,000	C
	Design, construct, remediate and/or replace existing drainlines whose interiors have corroded and formed sinkholes at various locations in Kahului and Wailuku.		
CBS-3193	<b>c. Testing and Inspection of Existing Wailuku/Kahului Injection Wells</b>	300,000	C
	Perform injection well testing and analysis at existing drywells in the Wailuku and Kahului areas. Develop maintenance and rehabilitation plan for existing drywells in accordance with Department of Health requirements.		
CBS-3192	<b>d. Wakea Avenue and Niihau Street Drainage Improvements</b>	450,000	C
	Design and installation of drainage improvements at the intersection of Wakea Avenue and Niihau Street, to address ponding issues in this area.		
CBS-3190	<b>e. Kalana O Maui Building Leak Repairs</b>	500,000	C
	Design[,] and construction[,] to upgrade[s], repair, and re-caulk[ing of] exterior panel due to [spilling] <u>spalling</u> and leaking. Install backer rod at panel joints as needed. Repair and waterproof existing flooring at 2nd floor deck. Repair and waterproof mechanical rooms. Complete building envelope assessment for Kalana O Maui Building.		
CBS-1060	<b>f. Kahakuloa Stream Bridge</b>	550,000 100,000	C M
	<u>Design</u> , [C]construction and construction management to either remediate or replace the bridge located on Kahekili Highway, which is structurally deficient.		
CBS-2768	<b>g. Onehee Avenue and Kea Street Pavement Rehabilitation</b>	200,000	D
	Design for the rehabilitation of Onehee Avenue and Kea Street between Wakea Avenue and Papa Avenue, including pavement resurfacing, striping, marking, signage, and safety improvements.		
CBS-1945	<b>h. Central Maui Signal Upgrades</b>	270,000	D
	Design, <u>purchase of equipment and materials, and installation [for] of signal system <u>safety</u>, [upgrades (communication[, visibility,] and [programming])] <u>program upgrades at various intersections, including but not limited to [on] Wakea Avenue at Kea Street, Onehee Avenue, and Lono Avenue[, which must be coordinated with the repavement of these streets].</u></u>		
CBS-3178	<b>i. Kamehameha Avenue Sidewalk Improvements (Lono Avenue to Puunene Avenue)</b>	330,000	C
	Design and construction of sidewalk and accessibility improvements on Kamehameha Avenue between Lono Avenue and Puunene Avenue.		
CBS-1916	<b>j. Wakea Avenue and Kamehameha Avenue Intersection Improvements</b>	240,000	C
	Design and construction of intersection improvements to consider upgrade of the existing traffic signal. Includes a re-evaluation of the intersection's operation, timing and lane requirements, providing communication connections, or a roundabout.		

	<b>k. 2154 Kaohu Street Building Improvements</b>	50,000	C D E G P
	Planning, design, construction and/or renovation of building located at 2154 Kaohu Street in Wailuku to include installation of [an air conditioner] <u>air conditioning system</u> and electrical upgrades.		
	<b>9. West Maui Community Plan Area</b>		
CBS-1026	<b>a. Lahaina Watershed Flood Control</b>	500,000	A
	Acquisition of land for drainage improvements in the Lahaina Watershed Flood Control Project.		
CBS-3240	<b>b. West Maui Greenway Pilot Project</b>	300,000	D"
	Planning, [D]design, and land acquisition [of] for West Maui Greenway Pilot Project, consisting of a bike and pedestrian- friendly path from [Olowalu to Hokiokio Place along old cane haul roads] <u>Keawe Street, north towards Flemming Road.</u>		

SECTION 4. Fiscal Year 2017 Budget is hereby amended as it pertains to Appendix C - Capital Improvement Projects, Department of Water Supply, by revising select project descriptions, to read as follows:

<b><u>"APPENDIX C - Capital Improvement Projects</u></b>			
<b>CBS NO.</b>	<b>PROJECT TITLE/DESCRIPTION</b>	<b>APPROPRIATION</b>	
	<b><u>Department of Water Supply</u></b>		
	<b><u>1. Countywide</u></b>		
CBS-2299	<b>a. Countywide Upgrades and Replacements</b>	100,000 1,100,000 3,300,000	A D C
	1) Replace an existing booster pump and related electrical components as part of the Omaopio Tank replacement project; 2) Construct a water tank to replace the existing 50,000 gallon Keanae Water Tank to address corrosion and deficiencies identified by the Department of Health; 3) Construct a chlorine scrubber and enclose the chlorine storage room at Kamaole Water Treatment Plant to protect against chlorine gas leaks; 4) Design a water line to upsize existing 6-inch and 8-inch water lines along Baldwin Avenue in Paia to be at least a 12-inch line to address substandard water pressure for fire protection; 5) Design a water line to upsize an existing 4 inch water line along Hobron Avenue in Kahului to address leakage and insufficient flow for fire protection; 6) Design improvements to the spillways at the six raw water reservoirs serving the Mahinahina, Olinda, and Piipholo Water Treatment Plants to address compliance with Department of Land and Natural Resources dam safety regulations; 7) Design improvements to the water system served by the Opaepilau Water Tank in Haiku to address low pressures and inadequate storage capacity for fire protection; 8) Acquire easements on property adjacent to the Maluhia Tank site in Makawao for booster pump station upgrades; 8) Upsize existing 6-inch water line to an 8-inch water line on Mokuahau Road in Happy Valley by December 31, 2016.		

CBS-1076	<b>b. Countywide Conservation Program</b>		
	Locating and replacing of leaking waterlines (transmission, distribution, and service laterals) identified by Leak Detection, repair of leaking tanks, design of projects to provide supply side conservation, including a water audit.	1,000,000	C
CBS-1075	<b>c. Countywide Facility Improvements</b>		
	1) Well and booster pump replacements, including <u>refurbishing GAC</u> granular activated carbon filters <u>and valves</u> at Napili and Hamakuapoko; and <u>well and booster pump[s] replacements</u> at North Waihee, [Wakiu Well B,] Kula Agricultural Park Station B and Napili Well B. 2) Replace the roof of the NASKA Baseyard mechanic shop; 3) Replace the roof of the clearwell at the Olinda Water Treatment Plant; 4) Reinforce the embankment of the sludge dewatering reservoir at the Olinda Water Treatment Plant; 5) Repair and recoat the interior and exterior of the clearwell at the Lahainaluna and Mahinahina Water Treatment Plants; and 5) Repair and recoat the interior and exterior of the Maunaolu Tank in Haliimaile.	2,150,000	C
	<b>2. Makawao-Pukalani-Kula Community Plan Area</b>		
CBS-1106	<b>a. Upcountry Reliable Capacity</b>	200,000 4,500,000	D C
	1) Construction of an exploratory well for the Pookela Well 2; 2) Design of the Pookela Well 2 facility, contingent upon the results of the exploratory well; 3) Construction of a chloramine addition system at the Upper Kimo Booster Pump Station to streamline the disinfection process for supplementing the Upper Kula System with water from the Lower Kula System.		
	<b>3. Central Maui Community Plan Area</b>		
CBS-1102	<b>a. Central Maui Reliable Capacity</b>	200,000 225,000	A D
	Land acquisition and design for a new water tank near the existing Makai Heights water tank in North Kihei.		
	<b>4. West Maui Community Plan Area</b>		
CBS-1092	<b>a. West Maui Reliable Capacity</b>	10,000,000	C"
	Construction of the Mahinahina Well 1 facility and related transmission improvements.		

SECTION 5. Material to be repealed is bracketed. New material is underscored. .

SECTION 6. This Ordinance shall take effect upon its approval.

APPROVED AS TO FORM AND LEGALITY:

  
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 JEFFREY UEOKA  
 Deputy Corporation Counsel