

**APPENDIX C - Capital Improvement Projects**

Capital improvement project funding may not be used for any purpose other than as described in this appendix. The total amount appropriated for a project may be used for the work phases provided in the project description. A budget amendment shall be requested if the total amount appropriated will be insufficient to complete all work phases set forth in the project description.

<b>CBS NO.</b>	<b>PROJECT TITLE/DESCRIPTION</b>	<b>APPROPRIATION</b>
	<b>Department of Environmental Management</b>	
	<b>1. Countywide</b>	
CBS-3182	<b>a. Environmental Compliance System Design and Construction</b>	250,000
	Design and construction to address environmental compliance opportunities and operational improvements at all County Solid Waste Management facilities in alignment with state and federal requirements.	
CBS-3565	<b>b. Integrated Solid Waste Management Plan Update</b>	200,000
	Update the existing Integrated Solid Waste Management Plan (ISWMP) completed in 2009 to align with goals obtainable through the Department of Environmental Management to align with regulatory and county goals for solid waste handling.	
CBS-4609	<b>c. Landfill Potable Water Supply</b>	180,000
	Commissioning of a preliminary engineering report to analyze the feasibility of providing domestic water to Central Maui, Hana, Lanai, and Molokai Landfills.	
CBS-1119	<b>d. Countywide Environmental Protection Agency (EPA) Compliance Wastewater Reclamation Facility Renovation Projects</b>	2,000,000
	Design, construction, renovation or upgrade of equipment at the Wastewater Reclamation Facilities as required by the 20-Year Rehabilitation & Replacement Plan developed under the 1999 Consent Decree. Projects for FY2019 include: Wailuku-Kahului Injection Well piping rehabilitation, design of the Kihei Effluent Pump Station, Lahaina Aquadisk filter installation, and construction of Wailuku WWPS electrical upgrade.	
CBS-1128	<b>e. Countywide Wastewater System Modifications</b>	1,000,000
	Funding to be used only as required for projects where construction/design bids exceed the funding appropriation.	
CBS-1132	<b>f. Countywide Environmental Protection Agency (EPA) Compliance Projects</b>	500,000
	Design and construct sewer line improvements based on the current CCTV project in accordance with the 1999 Consent Decree.	
CBS-3571	<b>g. Countywide Wastewater Reclamation Facility Concrete Rehabilitation</b>	500,000
	Design and construction of repairs to concrete structures located at the Kihei and Wailuku-Kahului Wastewater Reclamation Facilities and/or Wastewater Pump Stations.	
CBS-5040	<b>h. Countywide Wastewater RTU upgrades</b>	2,000,000
	Replacement of radio-transmitting units and the associated programming to make the new units function properly.	
CBS-5041	<b>i. Countywide Pump Station Inundation Study</b>	100,000
	Preparation of a planning study to determine the extent to which the County's pump station network is vulnerable to sea level rise and tsunami inundation, as well as prepare high level cost estimates for relocation or other means of reducing risk.	
CBS-5053	<b>j. Countywide Injection Well Alternative Study</b>	50,000
	Conduct a study to detail alternative methods of disposal of treated effluent for the Wailuku-Kahului, Kihei, Lahaina and Kaunakakai Wastewater Reclamation Facilities. Study will include evaluation and analysis of methods, sites, permit requirements, short and long-term costs and recommendations.	
	<b>2. Hana Community Plan Area</b>	
CBS-1908	<b>a. Hana Landfill Makai Berm Waste Removal</b>	1,000,000
	Remediate unpermitted waste dumped outside of the existing permitted waste limits of Hana Landfill.	

	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-2321	<b>a. North Kihei Mauka Transmission System</b>	1,500,000
	Preliminary study for the design and construction of a wastewater collection and transmission system for development mauka of Piilani Highway.	
CBS-3196	<b>b. Kenolio Road/Koki Place Sewer Rehabilitation</b>	800,000
	Design and replacement of existing sewer line in disrepair and responsible for several sewage spills in the last 10 years. Actual replacement will be determined upon completion of a current CCTV investigation.	
CBS-2322	<b>c. Kihei No. 7 Force Main Replacement</b>	150,000
	Design and replacement of a 1,573 foot 20" diameter ductile iron pipe force main within South Kihei Road between Kamaole 1 Beach Park and Kaiiau Road.	
CBS-3197	<b>d. Kihei No. 8 Force Main Replacement</b>	200,000
	Design and replacement of a 2,013 foot 18" diameter ductile iron pipe force main within South Kihei Road between Keawekapu Beach Park and Keonekai Road.	
CBS-5026	<b>e. Kihei Wastewater Reclamation Facility Grit System Replacement</b>	6,500,000
	Design and replacement of the existing grit removal system located at the headworks of the Kihei Wastewater Reclamation Facility.	
CBS-5030	<b>f. Liloa Drive Recycled Water Line</b>	500,000
	Design and construction of approximately 2,300 linear feet of 12" recycled water distribution line within the Liloa Drive right of way (South Maui collector road).	
	<b>4. Molokai Community Plan Area</b>	
CBS-4606	<b>a. Molokai Landfill Phase V Expansion</b>	300,000
	Design and related costs for the next lateral expansion (Phase 5) in accordance with RCRA Subtitle D Regulations (HAR 11-58) at the Molokai Integrated Solid Waste Facility.	
	<b>5. Paia-Haiku Community Plan Area</b>	
CBS-1955	<b>a. Kuau No. 1 Force Main Replacement</b>	50,000
	Design and replacement of a 690 foot long, 8" diameter ductile iron pipe force main located along Hana Highway.	
CBS-1964	<b>b. Kuau No. 2 Force Main Replacement</b>	50,000
	Design and replacement of a 588 foot long, 8" diameter ductile iron pipe force main located along Hana Highway.	
	<b>6. Wailuku-Kahului Community Plan Area</b>	
CBS-5020	<b>a. Central Maui Landfill Stormwater Management Improvements</b>	750,000
	Design and construction of required infrastructure to manage stormwater along the southeast perimeter of Central Maui Landfill Phase V-B Extension.	
CBS-1901	<b>b. Central Maui Landfill Phase VI</b>	1,200,000
	Acquisition, subdivision, and necessary land entitlements for the required additional land for Central Maui Landfill, Phase VI. Design and (Hawaii Department of Health, Solid Waste Branch Facility) Permitting for Phase IV will concurrently be effected due to capacity timing constraints.	
CBS-2290	<b>c. Central Maui Landfill Monitoring Well Design/Construction</b>	650,000
	Design, construction and installation of an additional groundwater monitoring well(s) to meet regulatory requirements.	
CBS-3175	<b>d. Leachate Collection &amp; Recovery and Electrical Distribution System Upgrades</b>	500,000
	Upgrade and modernize the leachate collection and recovery system (LCRS) at the Central Maui Landfill, includes upgrading the electrical distribution system to meet current National Electrical Code requirements and enable the LCRS to be powered by an external portable generator.	
CBS-3181	<b>e. Central Maui Landfill System Control and Data Acquisition</b>	300,000
	Purchase and installation of 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-3567	<b>f. Central Maui Landfill Land Purchase</b>	250,000
	Acquisition of 17 acres to complete the Central Maui Landfill subdivision parcel, approved by the County Development Services Agency in 2009.	
CBS-5019	<b>g. Central Maui Landfill Phase III</b>	250,000
	Design and Hawaii Department of Health, Solid Waste Branch permitting for Phase III at the Central Maui Landfill Facility.	
CBS-1131	<b>h. Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation</b>	2,000,000
	Construction, rehabilitation and/or replacement of major gravity sewer lines that have reached the end of their useful life and/or have been found to be damaged or in disrepair via video investigation or other means. Includes construction of Iao Valley Line replacement.	
CBS-5034	<b>i. Wailuku-Kahului Recycled Water Pump Station</b>	600,000
	Design and construction of a recycled water pump station to pump treated effluent to potential agricultural and other users and convey to the County's Soil Aquifer Treatment basins.	
CBS-5035	<b>j. Wailuku-Kahului Wastewater Reclamation Facility (WWRF) Emergency Effluent Force Main</b>	450,000
	Design and replacement of an existing 850 linear feet of force main pipe from the Wastewater facility storage pond to the headworks.	
	<b>7. West Maui Community Plan Area</b>	
CBS-1124	<b>a. West Maui Recycled Water System Expansion</b>	500,000
	Design, permitting and construction of upgrades, modifications and additions to the West Maui recycled water distribution system. This includes a new tank and force main in Kaanapali.	
CBS-1161	<b>b. Napili No. 3 Force Main Replacement</b>	1,800,000
	Design and replacement of a 2,074 foot long, 16 inch diameter ductile iron pipe force main within Lower Honoapiilani Road (between Hui Nui Place to Hoohui Road).	
CBS-1174	<b>c. Napili No. 4 Force Main Replacement</b>	1,800,000
	Design and replacement of a 2,040 foot long, 14" diameter ductile iron pipe force main within Lower Honoapiilani Road (between Hui Road "F" and Napilihau St.).	
CBS-1180	<b>d. Napili Wastewater Pump Station No. 4 Modifications</b>	400,000
	Design and construct upgrades (pumps, motors, generators, etc.) and required modifications (building, piping, electrical) to the existing pump station.	
	<b>Department of Finance</b>	
	<b>1. Countywide</b>	
CBS-1218	<b>a. Countywide Equipment</b>	4,020,000
	Purchase of equipment for: Department of Environmental Management (Solid Waste Operations) in the amount of \$2,120,000 for (4) 28-Cubic-Yard Automated Refuse Trucks (\$460,000 each) and (1) Roll-off Truck for Residential Drop-off at Central Maui Landfill in (\$280,000); and Department of Fire and Public Safety (Fire/Rescue Operations) in the amount of \$1,900,000 for (2) 1500 GPM Pumper Trucks for Napili and Wailuku Fire Stations (\$950,000 each).	
	<b>2. Wailuku-Kahului Community Plan Area</b>	
CBS-2789	<b>a. Wailuku Civic Hub</b>	81,195,000
	Acquisition, design, planning, permitting, construction and construction management of a Multi-Use Facility in the Wailuku redevelopment area.	
CBS-5058	<b>b. Real Property Assessment Office</b>	30,000
	Interior design for the Real Property Assessment Office to be located in the Wailuku Civic Hub.	

	<b>Department of Fire and Public Safety</b>	
	<b>1. Countywide</b>	
CBS-1003	<b>a. Countywide Fire Facilities</b>	308,000
	Design, renovation/rehabilitation of Countywide Fire Facilities for FY 2019 to include: 1) Kaunakakai Fire Station: \$120,000 Finish build out for Molokai island remote Emergency Operations Center/Command Post and classroom in unfinished room of fire station; 2) Lanai, Hana, Hoolehua, Lahaina, Napili and Fire Warehouse: \$130,000 Upgrade electrical supply load; 3) Lahaina Fire Station: \$40,000, Resurface parking lot and repair lifting sidewalk surface; and 4) Wailuku Fire Station: \$18,000, Perimeter security fencing.	
	<b>2. Lanai Community Plan Area</b>	
CBS-1005	<b>a. Lanai Fire Station Improvements</b>	100,000
	Design, construction and related costs for Lanai Fire Station apparatus bay addition.	
	<b>3. Molokai Community Plan Area</b>	
CBS-4617	<b>a. Pukoo Fire Station Relocation</b>	300,000
	Site selection (and other related costs) for the Pukoo Fire Station relocation and construction.	
	<b>Department of Housing and Human Concerns</b>	
	<b>1. Countywide</b>	
	<b>a. Acquisitions for Homeless Sheltering and Affordable Housing</b>	
CBS-5061	Planning and acquisition of land and buildings to support the expansion of homeless facilities and land for affordable housing.	9,000,000
	<b>Department of Management</b>	
	<b>1. Countywide</b>	
CBS-1009	<b>a. Public Safety Radio System Replacement</b>	1,200,000
	Site improvements and construction and required components for replacement of the Public Safety Radio System.	
	<b>Department of Parks and Recreation</b>	
	<b>1. Countywide</b>	
CBS-1117	<b>a. Countywide Parks Americans with Disabilities Act (ADA) Improvements</b>	250,000
	Additional funds to complete the transition plan improvements. Project priority order is based off of that plan.	
CBS-3232	<b>b. Countywide Park Playground Improvements</b>	1,000,000
	Planning, design, and construction of replacement or new playgrounds throughout Maui County.	
CBS-4581	<b>c. Countywide Parks Facilities</b>	500,000
	Planning, permitting, design, construction, renovations, repairs, and facility expansion projects that are anticipated at park facilities countywide to accommodate growth, to improve security of the facility, and to enhance the safety of employees and the public.	
CBS-4613	<b>d. Countywide Light Ordinance Compliance</b>	1,100,000
	Planning, design, installation, and construction of fully shielded outdoor light fixtures at all park facilities, structures, and fields to replace all non-compliant existing light fixtures and appurtenances.	
	<b>2. Hana Community Plan Area</b>	
CBS-3236	<b>a. Hana Civic Center</b>	1,250,000
	Planning, land acquisition, design, and construction of a multi-agency civic center to serve the community.	

CBS-2350	<b>b. Hana-Keanae-Kailua Parks System</b>	675,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the Hana, Keanae, and Kailua areas to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or jogging paths, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-1118	<b>a. South Maui Community Park</b>	500,000
	Design and construction of additional (master-planned) ball fields and soccer fields.	
CBS-1205	<b>b. Kamaole Point Pavilion</b>	350,000
	Planning, design, and construction of a pavilion with a restroom, parking, and landscaping at Kamaole Point.	
CBS-2345	<b>c. South Maui Parks System</b>	837,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the South Maui area to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, swimming pool repairs, improvements, and re-plastering, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
CBS-2742	<b>d. South Maui Building Maintenance Repairer Baseyard</b>	150,000
	Design and construction of a baseyard for the South Maui Parks District maintenance operations at South Maui Community Park.	
CBS-2743	<b>e. Kenolio Recreational Complex Open Building Repair</b>	50,000
	Design and reconstruction and/or renovation of Building "C" at Kenolio Recreational Complex.	
CBS-5059	<b>f. South Maui Community Park Recreation Center</b>	900,000
	Funding for additional design, partial construction management, and required changes to construction.	
	<b>4. Lanai Community Plan Area</b>	
CBS-2347	<b>a. Lanai Parks System</b>	175,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities on the island of Lanai to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing capital improvement projects and planning efforts.	
CBS-4580	<b>b. Lanai Parks Maintenance Building</b>	1,200,000
	Planning, design, and construction of a maintenance and storage building for parks operations.	

CBS-4626	<b>c. Lanai Community Center Commercial Kitchen</b>	500,000
	Design, construction and/or renovation for a fully equipped licensed commercial	
	<b>5. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-1175	<b>a. Kula Park Playground</b>	95,000
	Design and construction of an accessible playground in the Kula community with accessible routes from the parking lot and restroom.	
CBS-2329	<b>b. Waiakoa Gym Improvements</b>	175,000
	Planning, design and 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, and other code or agency required improvements.	
CBS-2349	<b>c. Makawao-Pukalani-Kula-Ulupalakua Parks System</b>	415,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the Makawao, Pukalani, Kula, and Ulupalakua area to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to, design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, swimming pool repairs, improvements, and re-plastering, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
CBS-3208	<b>d. Upcountry Skate Park</b>	250,000
	Construction of a multi-skill-level skate park with lights and ADA accessibility from nearby parking.	
CBS-3228	<b>e. Hannibal Tavares Community Center Improvements</b>	1,000,000
	Design and construction of improvements to the center to include, but not limited to, replacement of deteriorated wood members, structural repairs, asphalt roofing and gutter replacement. Repainting of the interior and exterior (including lead paint abatement). Removal and replacement of the VCT flooring, re-waterproofing of the second-story lanais.	
	<b>6. Molokai Community Plan Area</b>	
CBS-2346	<b>a. Molokai Parks System</b>	500,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities on the island of Molokai to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, swimming pool repairs, improvements, and re-plastering, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	

	<b>7. Paia-Haiku Community Plan Area</b>	
CBS-2348	<b>a. Paia-Haiku Parks System</b>	1,585,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the Haiku-Paia area to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
CBS-5056	<b>b. Alfred "Flako" Boteilho, Sr. Gym Improvements</b>	1,750,000
	Design and construction for replacement of existing metal roofing and other related improvements.	
	<b>8. Wailuku-Kahului Community Plan Area</b>	
CBS-1143	<b>a. Kepaniwai Heritage Gardens Improvements</b>	500,000
	Phase I of the project consists of regrading to provide ADA accessibility, installation of root barriers, and replacement of a majority of the existing asphalt pathways at the facility. Phase II of the project is to continue rehabilitation of the pathways in the portion of the park below the parking lot.	
CBS-1202	<b>b. Waiehu Golf Course Start Booth and Restaurant</b>	2,750,000
	Planning, design, permitting, and construction of a new restaurant, pro shop and starter booth for the Waiehu Golf Course, 14th tee restroom improvements, upgraded domestic and fire flow water lines to adequately provide services to the entire facility, dune restoration and erosion control measures along the shoreline, and cart path improvements.	
CBS-1209	<b>c. War Memorial Complex Paving Improvements</b>	500,000
	Completion of design and the reconstruction of the parking lot serving the football and baseball stadiums.	
CBS-2351	<b>d. Central Maui Parks System</b>	475,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the Central Maui area to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to, design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, swimming pool repairs, improvements, and re-plastering, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
CBS-3209	<b>e. Central Maui Regional Sports Complex Maintenance Building and Storage Building</b>	175,000
	Planning, design, and construction of a maintenance building and storage buildings for Central Maui Regional Sports Complex's operations.	
CBS-4583	<b>f. Kanaha Beach Park Master Plan Implementation</b>	150,000
	Improvements to the existing Kanaha Beach Park as determined through the master plan process.	
CBS-4584	<b>g. Wells Park Master Plan Implementation</b>	150,000
	Design and construction of improvements to the existing Wells Park as determined through the master plan process to include: rebuilding/re-configuring of courts, relocation of restroom building, site and landscaping improvements, lighting and fencing improvements, pool modifications and improvements.	

CBS-4616	<b>h. War Memorial Gym Building Improvements</b>	500,000
	Design and renovations for the replacement of jalousies throughout the gym and damaged doors and windows, repair of building structural elements and exterior finish, coating of roof surfaces, upgrading of building electrical and visual fire alarm systems, accessibility improvements at restrooms, locker rooms, and doorways, HVAC improvements to meet current code requirements, repair/replacements of gym wood flooring, and other necessary ancillary improvements.	
	<b>9. West Maui Community Plan Area</b>	
CBS-2344	<b>a. West Maui Parks System</b>	748,000
	Renovations, repairs, improvements, planning, and construction are anticipated at park facilities in the West Maui area to improve the health, safety, and security of the facilities, the public, and department employees. Work to include, but not limited to; design, permitting, and construction of new, expansion, and/or replacement structures with appurtenant amenities at existing parks, existing facility architectural and structural improvements, existing facility infrastructure and utility improvements, play court construction, reconstruction, and/or re-surfacing, parking lot paving and/or reconstruction, roofing replacement, chain-link fencing, shade structures, new and/or replacement jogging paths, swimming pool repairs, improvements, and re-plastering, utility compliance upgrades, district maintenance facility improvements and development, and supplemental funding for ongoing CIP projects and planning efforts.	
CBS-2758	<b>b. West Maui Building Maintenance Repairer Baseyard</b>	150,000
	Design and construction of a baseyard for the maintenance operations of the district.	
CBS-5060	<b>c. Lahaina Aquatic Center Retention Basin Restoration</b>	75,000
	Design and construction for restoring the Lahaina Aquatic Center retention basin to its original design intent.	
	<b>Department of Police</b>	
	<b>1. Countywide</b>	
CBS-1010	<b>a. Countywide Police Facilities</b>	774,000
	Design, construction and renovation of Countywide Police Facilities for FY 2019 to include: 1) Ballistic window upgrade for the receiving desk lobby window and walls; 2) Fuel tank replacement; 3) A/C system in Forensic Facility, Phase 2; 4) Design parking lot photovoltaic project at the Wailuku Police Station; 5) Automated entry/exit gate at the Kihei Police Station; 6) Fence at Ukumehame Firing Range; 7) Automated entry/exit gate to the Forensic Facility; and 8) Improvements to Lanai Police Cottages.	
	<b>Department of Public Works</b>	
	<b>1. Countywide</b>	
CBS-1027	<b>a. Countywide Drainage Improvements</b>	2,000,000
	Design and construction of various drainage improvements and to implement various drainage improvements to conform to regional drainage master plans. In-house/consultant design, construction management and land acquisitions. Funding may supplement Federal Aid and CIP drainage improvement projects.	
CBS-1032	<b>b. Countywide Facility Building Improvements</b>	650,000
	Improvements to County facilities countywide as required. Improvements may include elevator upgrade, leak repairs, accessibility upgrades, security improvements, structural repairs, renovations to floor plans, painting, railing fix, waterline and sewer line improvements and repair, landscape and irrigation improvements and repairs, lighting upgrades, on-site drainage system, concrete repair, structure repair, building codes compliance, ADA compliance, OSHA compliance, parking lot repair, resurfacing and improvements, air conditioning repairs and improvements, installation of new air conditioning systems, and other miscellaneous building improvements and repairs. FY 2019 Improvements include: 1) County Building Campus Lighting Improvements; 2) Various Parking Lot Improvements within the Kalana O Maui Building complex; 3) Emergency Management and Akaku Room Improvements; 4) Reconfiguration of 3rd Floor Entry; and 5) Emergency or Supplemental funding for projects within the Kalana O Maui Building complex.	



CBS-3177	<b>c. Bridge Inspection and Evaluation of Various County Bridges</b>	300,000
	Bridge inspections will be done in accordance with the requirements of the FHWA 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-1023	<b>d. Countywide Road Resurfacing and Pavement Preservation</b>	5,000,000
	Fund the Countywide road resurfacing and pavement preservation program. Pavement condition assessment, in-house/consultant design and construction management. Funding may supplement Federal Aid road resurfacing projects.	
CBS-1024	<b>e. Countywide Safety Improvements</b>	810,000
	Construction, design of safety-related roadway operation improvements such as striping, guardrails, signs, shoulder widening and improvements, realignment, street lights, and traffic signals.	
CBS-1031	<b>f. Countywide Bridge Improvements</b>	220,000
	Design, construction, construction management and land acquisition of various bridge replacement projects and to implement various drainage improvements to conform to regional drainage master plans.	
CBS-1035	<b>g. Countywide Traffic Calming Program</b>	250,000
	Construction of traffic calming on the Island of Maui, Wailea Alanui Drive, West Kuiaha Rd, and traffic data collection. Also, may include Eha Street, Makani Road, Kulanihaikoi Street, Kaupakalua Road, Front Street, Shaw Street, and Kaniau Street.	
CBS-1036	<b>h. Countywide Bikeway Improvements</b>	140,000
	Funding for bicycle facility improvements in various stages of design and construction, route and network improvements, increase awareness for bike safety. Emphasis in FY2019 include the permitting, design, and implementation of improvements as identified in Bike Plan Hawaii and through collaboration with the Maui Bicycling League.	
CBS-1037	<b>i. Countywide Sidewalk Improvements</b>	490,000
	Design and construction for sidewalk improvements Countywide. FY19 priorities include walking routes to schools, and increase public awareness of safety when walking. Specific project locations include: Ohukai Road, Lipoa Street, Kamehameha Avenue (Wakea Avenue to Hina Avenue), and identification of sidewalk network gaps.	
CBS-2774	<b>j. Guardrail and Shoulder Improvements at Various Locations</b>	200,000
	Installation and upgrade of guardrails and roadway shoulders. Focus areas include Piilani Highway (East Maui), Baldwin Avenue (Rainbow Park), and Iao Valley Road.	
CBS-5022	<b>k. Countywide Federal Aid Program</b>	2,000,000
	Maui County Federal Aid program to construct road improvements at various	
	<b>2. Hana Community Plan Area</b>	
CBS-1891	<b>a. Mahalawa Bridge Replacement</b>	750,000
	Design, construction and construction management for immediate replacement due to insufficient hydraulic capacity and advanced deterioration of concrete bridge structure.	
CBS-1046	<b>b. Koukouai Bridge Rehabilitation</b>	250,000
	Design, construction, and construction management of bridge in need of rehabilitation/reconstruction/replacement or new bridge built adjacent.	
CBS-2779	<b>c. Kalepa Rockfall Repairs</b>	1,000,000
	Permitting & Design for replacement of the deteriorated rockfall netting at Kalepa Point in Kipahulu.	
CBS-3183	<b>d. Kalepa Revetment and Seawall Repairs</b>	1,000,000
	Design and permitting for reconstruction of revetment, seawall and roadway near Kalepa. Approximately 400' section of roadway damaged and undermined by large waves in 2014 during Isselle. Project involves consultant design, construction, construction management and land acquisitions.	

	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-5048	<b>a. South Maui Drainline Repairs</b>	2,750,000
	Repair and replacement of existing drainlines within South Maui.	
CBS-2309	<b>b. North South Collector Road (Namauu Place to Kulanihako Street)</b>	500,000
	Continued design and processing of environmental documents for the North South Collector Roadway between Namauu Place and Kaonoulu Street. Construction will include continuation of the Kihei Greenway (multi-use path). Phase IA: Waipuilani Road to Kulanihako Street; Phase IB: Kulanihako Street to Kaonoulu Street.	
	<b>4. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-3194	<b>a. Pukalani Terrace Subdivision Pavement Reconstruction</b>	1,000,000
	Reconstruction of roadways in the Pukalani Terrace Subdivision.	
	<b>5. Molokai Community Plan Area</b>	
CBS-2775	<b>a. Kaunakakai Drainage System B</b>	2,300,000
	Design of drainage improvements to complete the last segment of the drainage system located in Kaunakakai, Molokai which will outlet to an existing wetland. Including, preparation of construction documents and environmental permits.	
CBS-1211	<b>b. Molokai Baseyard</b>	400,000
	Construct phases 1 and 2 of the Molokai Baseyard complex. Work to include administration building, maintenance shop and garage, subsurface drainage facilities and material storage bunkers.	
	<b>6. Paia-Haiku Community Plan Area</b>	
CBS-4597	<b>a. Haiku Road Guardrail and Shoulder Improvements</b>	300,000
	Construction of guardrails in two locations on Haiku Road.	
	<b>7. Wailuku-Kahului Community Plan Area</b>	
CBS-3189	<b>a. Central Maui Drainline Repairs</b>	1,500,000
	Repair and/or replacement of existing drainlines in Wailuku and Kahului.	
CBS-4596	<b>b. Central Maui Drainline Assessment</b>	700,000
	Conduct a condition assessment of various drainlines in Central Maui.	
CBS-4619	<b>c. Hauoli Street Drainage Basin &amp; Outlet Repair</b>	1,000,000
	Repairs to drainage basin and drainage channel outlet at Hauoli Street in Maalaea.	
CBS-5050	<b>d. Iao Stream Bank Stabilization at Millyard</b>	500,000
	Design and permitting to provide bank stabilization at Iao Stream in the vicinity of commercial properties at the Millyard.	
CBS-1018	<b>e. Waiale Road Improvements at Waiinu Road</b>	300,000
	Intersection improvements to relieve congestion, roadway and pavement widening, pedestrian and bike improvements.	
CBS-1069	<b>f. Waiale Road Extension</b>	2,000,000
	Design for the construction of a two-lane roadway extension of Waiale Road from Waiko Road to Honoapiilani Highway. Improvements to include construction of bridge spanning Waikapu stream and two lane pavement structure with shoulders and safety improvements.	
CBS-1919	<b>g. Waiale Road Improvements (Kaohu Street to Waiinu Road)</b>	150,000
	Widening of existing pavement, signing and striping improvements	
CBS-2787	<b>h. Kamehameha Avenue at Maui Lani Parkway Intersection Improvements</b>	3,475,000
	Construction of a roundabout at the intersection of Kamehameha Avenue and Maui Lani Parkway.	
CBS-5024	<b>i. Papa Avenue Complete Street Improvements</b>	350,000
	Design and permitting of improvements to accommodate pedestrian and bicycling modes of transportation, accessibility needs, and street parking. Proposed project limits are Papa Avenue from Kaahumanu Avenue to Puunene Avenue	
CBS-5046	<b>j. Pulehu Road Pavement Reconstruction</b>	1,700,000
	Reconstruct approximately 1 mile of Pulehu Road pavement section between Hansen Road and Opalipali Road including striping and marking, signage and safety improvements.	

CBS-5054	<b>k. Lono Avenue Extension</b>	300,000
	Extension of Lono Avenue to Kuihelani Highway, feasibility study and environmental permitting.	
	<b>8. West Maui Community Plan Area</b>	
CBS-1946	<b>a. Front Street Breakwall Repair Fronting Lahaina Center</b>	500,000
	Repair existing breakwall on Front Street fronting Lahaina Center.	
CBS-1949	<b>b. Front Street Deck and Rail Repair Near Lahainaluna Road</b>	700,000
	Repair existing rail and sidewalk deck on Front Street near Lahainaluna Road and Breakwall fronting Lahaina Center.	
	<b>Department of Transportation</b>	
	<b>1. Wailuku-Kahului Community Plan Area</b>	
CBS-5021	<b>a. Central Maui Transit Hub</b>	650,000
	Planning, design and related costs for a Central Maui Transit Hub located on land near Kane & Vevau Streets in Kahului, across the street from the Queen Ka'ahumanu Shopping Center.	
	<b>Department of Water Supply</b>	
	<b>1. Countywide</b>	
CBS-1075	<b>a. Countywide Facility Improvements</b>	4,350,000
	The Countywide Facilities Improvements project supports emergency or critical repairs to existing water supply facilities. Anticipated jobs in FY 2019 include: 1) Well and booster pump station improvements. Anticipated jobs include conversion of the disinfection systems at the Kanoa 2, Waihee, and Mokuhou Wells from chlorine gas to on-site hypochlorite generation; 2) Water treatment facility and water tank improvements. Anticipated jobs include refurbishing water tanks at Napili Well C; demolition of the existing Iao Water Treatment Plant; conversion of the disinfection systems at the Olinda, Piihola, Kamole, Lahainaluna, and Mahinahina WTPs from chlorine gas to on-site hypochlorite generation; 3) Tree clearing along the raw water line serving the Piihola Water Treatment Plant to establish access for maintenance work; 4) Re-roofing of the clearwell at the Olinda Water Treatment Plant; 5) Conduct facility assessments of all West Maui water treatment plants; and 6) Funding may also be used for unforeseen circumstances for other projects under design and/or construction that support emergency or critical repairs to existing water infrastructure.	
CBS-2299	<b>b. Countywide Upgrades and Replacements</b>	1,100,000
	The Countywide Upgrades and Replacements project supports improvements that will sustain the reliable operation of existing water infrastructure or mitigate inadequacies of the water system. Anticipated jobs in FY 2019 include: 1) Water treatment facility, water tank and waterline improvements. Anticipated jobs include replacement of the existing 30,000 gallon Honokohau Tank; 2) Well and booster pump improvements: Anticipated jobs include replacement of pump and motor assemblies, electrical control systems, and installation of emergency generators at Kalae Booster Pump and the Waipuka Wells; and 3) Funding may also be used for unforeseen circumstances for prior funded fiscal year projects under design and/or construction that supports improvements that will sustain the reliable operation of existing water infrastructure or mitigate inadequacies of existing water infrastructure.	
CBS-4615	<b>c. Countywide Water System Modification</b>	500,000
	The Countywide Water System Modification supports all CIP projects, including prior fiscal year, ensuing fiscal year, and emergency projects to efficiently provide clean and safe drinking water to customers. An effective CIP program demands an ability to respond to unanticipated planning, design, and construction issues in a timely manner.	

	<b>2. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-1106	<b>a. Upcountry Reliable Capacity</b>	12,500,000
	The Upcountry Reliable Capacity project will support source, transmission, and storage expansion for the Upcountry system. Anticipated jobs in FY 2019 include: 1) Development of Pookela Well B; 2) New raw water reservoirs at the Kamole Water Treatment Plant; and 3) Phase 10 booster pump improvements (Pookela Tank, Maluhia Tank, West Olinda Tank sites).	
	<b>3. Wailuku-Kahului Community Plan Area</b>	
CBS-1102	<b>a. Central Maui Reliable Capacity</b>	2,600,000
	The Central Maui Reliable Capacity project will support source, transmission, and storage expansion for the Central Maui system. Anticipated jobs in FY 2019 include: 1) New water tank for North Kihei and 2) Replacement well for Waiehu Heights Well 1.	
CBS-1092	<b>4. West Maui Community Plan Area</b>	
	<b>a. West Maui Reliable Capacity</b>	10,350,000
	The West Maui Reliable Capacity project will support source, transmission, and storage expansion for the West Maui system. Anticipated projects in FY 2019 include: 1) West Maui Source Development.	