

APPENDIX C - Capital Improvement Projects

Capital improvement project funding may not be used for any purpose other than as described in this appendix.

CBS NO.	PROJECT TITLE/DESCRIPTION	APPROPRIATION
	Department of Environmental Management	
	1. Countywide	
CBS-1132	a. Countywide Environmental Protection Agency (EPA) Compliance Projects	500,000
	Design and construct sewer line improvements based on the current CCTV project in accordance with the 1999 Consent Decree.	
CBS-1119	b. Countywide Environmental Protection Agency (EPA) Compliance Wastewater Reclamation Facility Renovation Projects	2,000,000
	Design, construction, renovation, or upgrade of equipment at the Wastewater Reclamation Facilities (WWRF) as required by the 20-year Rehabilitation & Replacement Plan, developed under the 1999 Consent Decree. FY 2018 projects include: Design for Plant RTU upgrades at the Lahaina and Kahului WWRFs, Wailuku Wastewater Pump Station (WWPS) electrical upgrade, decommissioning the old Lahaina WWPS No. 1 and Hawaiian Homes' WWPS, resurfacing the Kahului WWRF Storage Pond, and construction of access catwalks for the Lahaina WWRF disk filters.	
CBS-1128	c. Countywide Wastewater System Modifications	1,000,000
	Provide contingency funding as required for projects where design and construction bids exceed funding appropriations at all County wastewater system facilities in accordance with state and federal requirements.	
	2. Hana Community Plan Area	
CBS-1908	a. Hana Landfill Makai Berm Waste Removal	2,000,000
	Remove waste dumped outside of the existing permitted waste limits of Hana Landfill (and other related costs) from the makai side of the landfill. Relocate the waste to the current permitted landfill parcel in accordance with Hawaii Department of Health remediation plan requirements.	
	3. Kihei-Makena Community Plan Area	
CBS-3200	a. South Kihei Road Gravity System Capacity Upgrade	500,000
	Design the upgrade/replacement of approximately 3,500 lineal feet of existing major gravity trunk lines in South Kihei Road.	
CBS-1160	b. South Maui Recycled Water System Expansion	6,500,000
	Design and construct distribution system improvements, a new one-million-gallon offsite storage tank, and pump station upgrades for the Kihei Wastewater Reclamation Facility. Tank shall be constructed on the same property where the existing tank is located.	
	4. Makawao-Pukalani-Kula Community Plan Area	
CBS-2726	a. Makani Landfill Site Restoration	1,750,000
	Restore final cover system, improve site drainage, and secure defunct gas collection and control system to minimize required site maintenance and protect human health and the environment. This project will be used by the County to demonstrate that a reduced post-closure period is sufficient to achieve certified closure of the landfill as stated in HAR 11-58.1-17(b)(2)(A).	

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	5. Molokai Community Plan Area	
CBS-2727	a. Kalamaula Landfill Site Restoration	230,000
	Restore final cover system and improve site drainage to minimize required site maintenance and protect human health and the environment. This project will be used by the County to demonstrate that a reduced post-closure period is sufficient to achieve certified closure of the landfill as stated in HAR 11-58.1-17(b)(2)(A).	
CBS-4590	b. Kaunakakai Wastewater Reclamation Facility (WWRF) Plan	200,000
	Create a report of existing treatment components and investigate alternatives, additions, and retrofits for expansion to accommodate future growth. The report shall include a summary of existing facilities, a future anticipated flow study, alternatives discussions, recommendations, proposed upgrade schedules, and construction cost estimates.	
	6. Paia-Haiku Community Plan Area	
CBS-1183	a. Kuau No. 3 Force Main Replacement	60,000
	Design the replacement of an 830-foot-long, 6" diameter ductile iron pipe force main located along Hana Highway which was constructed in 1986 and, pursuant to the corrosion study, is approaching the end of its useful life.	
CBS-1184	b. Kuau No. 4 Force Main Replacement	60,000
	Design the replacement of a 677-foot-long, 8" diameter ductile iron pipe force main located along Hana Highway which was constructed in 1986 and, pursuant to the corrosion study, is approaching the end of its useful life.	
	7. Wailuku-Kahului Community Plan Area	
CBS-3175	a. Leachate Collection & Recovery and Electrical Distribution System Upgrades	250,000
	Upgrade and modernize the leachate collection and recovery system at the Central Maui Landfill Leachate Storage Tanks. The scope of this project includes upgrading the electrical distribution system to meet current NEC requirements, making necessary mechanical design upgrades, and providing reliable and uninterrupted operation of this mission-critical control system required by the site's solid waste permit.	
CBS-2724	b. Waikapu Landfill Site Restoration	860,000
	Restore final cover system and improve site drainage to minimize required site maintenance and protect human health and the environment. This project will be used by the County to demonstrate that a reduced post-closure period is sufficient to achieve certified closure of the landfill as stated in HAR 11-58.1-17(b)(2)(A).	
CBS-1095	c. Central Maui Landfill (CML) V-B Extension	3,625,000
	Construction of the next Central Maui Landfill lateral expansion (Phase V-B Extension) in accordance with RCRA Subtitle D Regulations (HAR 11-58).	
CBS-1131	d. Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation	1,000,000
	Design and construct the replacement of major gravity sewer lines that have reached the end of their useful life or have been found to be damaged or in disrepair via video investigation or other means.	
CBS-1171	e. Wailuku-Kahului Recycled Water Force Main	500,000
	Design a new water distribution line that connects the Kahului Wastewater Reclamation Facility to an existing line at the old Maui Pineapple processing facility to provide recycled water for landscape or agricultural irrigation purposes.	

	8. West Maui Community Plan Area	
CBS-2725	a. Olowalu Landfill Site Restoration	950,000
	Restore final cover system and improve site drainage to minimize required site maintenance and protect human health and the environment. This project will be used by the County to demonstrate that a reduced post-closure period is sufficient to achieve certified closure of the landfill as stated in HAR 11-58.1-17(b)(2)(A).	
CBS-1181	b. Napili Wastewater Pump Station No. 5 Modifications	2,300,000
	Design and construct upgrades (pumps, motors, generators, etc.) and required modifications (building, piping, electrical) to the existing pump station to meet area capacity requirements and for design and operation standardization with other West Maui pump station facilities.	
CBS-1182	c. Napili Wastewater Pump Station No. 6 Modifications	2,300,000
	Design and construct upgrades (pumps, motors, generators, etc.) and required modifications (building, piping, electrical) to the existing pump station to meet area capacity requirements and for design and operation standardization with other West Maui pump station facilities.	
CBS-1144	d. Lahaina Wastewater Reclamation Facility (WWRF) Modifications, Stage IA	24,000,000
	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.	
	Department of Finance	
	1. Countywide	
CBS-1218	a. Countywide Equipment	2,700,000
	Purchase of equipment for: Department of Environmental Management (Solid Waste Operations Program) in the amount of \$1,350,000 for (3) 28-Cubic-Yard Automated Refuse Trucks (\$450,000 each) and (1) Manual Refuse Truck (\$350,000); and Department of Fire and Public Safety (Fire/Rescue Operations Program) in the amount of \$1,000,000 for (1) Ladder Truck for Wailea Fire Station.	
	Department of Fire and Public Safety	
	1. Countywide	
CBS-1003	a. Countywide Fire Facilities	150,000
	Replace garage bay flooring, non-skid apparatus flooring, and interior flooring and sub-structure, and replace or refurbish kitchen cabinets and countertops at the Paia Fire Station. Renovate/rehabilitate the Hookipa lifeguard tower 2B.	
	2. Lanai Community Plan Area	
CBS-1005	a. Lanai Fire Station Improvements	100,000
	Land acquisition for the Lanai Fire Station apparatus bay addition to store specialized Department equipment currently at the Lanai Fire Station.	
	3. Molokai Community Plan Area	
CBS-4617	a. Pukoo Fire Station Relocation	35,000
	Site selection for the Pukoo Fire Station relocation.	

	Department of Management	
	1. Countywide	
CBS-1009	a. Public Safety Radio System Replacement	600,000
	Site improvements, construction, and acquisition of required components for replacement of the Public Safety Radio System. FY 2018 scope includes upgrades of the data network equipment requiring the replacement of 3 service routers and 10 service access routers at various locations, as well as the construction of a Pu'ukilea (Lanai) and Kaunakakai (Molokai) microwave link to improve County communications services and reliability.	
	2. Wailuku-Kahului Community Plan Area	
CBS-2324	a. New County Service Center	25,000,000
	Design, construction, and construction management of a new service center at the Maui Business Park Phase II to house the Department of Finance's Motor Vehicle Registration and Licensing and Real Property Assessment Divisions, the Department of Housing and Human Concerns, and other County offices.	
	Office of the Mayor	
	1. Makawao-Pukalani-Kula Community Plan Area	
CBS-4621	a. Kula Agricultural Park Expansion	1,100,000
	To provide matching funds for the State of Hawaii to grant funds to the County of Maui to purchase approximately 869 acres of former sugar cane land from Alexander & Baldwin in the Omaopio/Pulehu vicinity, including a 54-million-gallon reservoir. \$50,000 shall be for a First Phase Engineering Study to deliver a planning level site layout for lots, irrigation pipes, meters, and power infrastructure, in addition to cost estimates for site work, infrastructure and road development, permitting requirements, and a 20-year operational cost analysis and business plan, in addition to other related requirements.	
	Department of Parks and Recreation	
	1. Countywide	
CBS-4613	a. Countywide Light Ordinance Compliance	500,000
	Planning, design, installation, and construction of fully shielded outdoor light fixtures at all park facilities, structures, and fields to replace all non-compliant light fixtures and appurtenances.	
CBS-1117	b. Countywide Parks Americans with Disabilities Act (ADA) Improvements	300,000
	Planning, design, construction, and/or renovations to develop and implement the Department's transition plan to provide accessibility at park facilities. Scope of work shall include accessibility improvements at Kahului School Park, Kepaniwai Park, Kilohana Park, Keokea Park, beach parks, community centers, and swimming pools. Contracting of a consultant to review and update the transition plan to comply with current Accessibility Guidelines.	
	2. Hana Community Plan Area	
CBS-1971	a. Helene Hall Improvements	600,000
	Land acquisition, design, and construction of a pumping system at Helene Hall and a transmission line up to a new absorption field at the Hana Ball Park for the wastewater treatment system serving Helene Hall. Design and renovations to restrooms, including but not limited to the replacement of toilet partitions, patching of holes, installing tiles in plumbing walls, and replacing jalousies at Helene Hall.	
CBS-2350	b. Hana-Keanae-Kailua Parks System	55,000
	Design for the replacement of six wood light poles and fixtures at Hana Ball Park.	

	3. Kihei-Makena Community Plan Area	
CBS-2345	a. South Maui Parks System	638,000
	Design and construction to replace wood ramps with concrete ramps, and replace chain link fence and gates at the Kalama Park skate park. Install additional shower at Mai Poina 'Oe la'u Park.	
	4. Lanai Community Plan Area	
CBS-2347	a. Lanai Parks System	126,000
	Renovation of Lanai Parks cottage, including but not limited to painting, replacement, or repair of wood siding, structure, roofing, stairs, and lanai. Renovations to the Lanai Softball Field, including but not limited to painting, replacement or repair of doors, fixtures, concrete, drinking fountains, and security lights. Renovations to Lanai Little League Field, including but not limited to painting bleachers, dugout, scorekeeper booth, replacement or repair of doors, fixtures, concrete, and drinking fountains.	
CBS-xxxx	b. Lanai Community Center Commercial Kitchen	250,000
	Design and construction of a new commercial kitchen at the Lanai Community Center.	
	5. Makawao-Pukalani-Kula Community Plan Area	
CBS-2349	a. Makawao-Pukalani-Kula-Ulupalakua Parks System	1,560,000
	Structural repair to the deck and pools, and re-plastering of the pools at the Upcountry Pool Complex. Painting, including but not limited to the gym, restrooms, meeting hall, and kitchen at the Eddie Tam Complex. Basketball court resurfacing and volleyball anchors re-set at the Eddie Tam Complex. Resurface basketball court, install new backboards and goosenecks at Mayor Hannibal Tavares Community Center Complex. Replace roof, expand roof area, and increase parking lot area at Upcountry base yard.	
CBS-3208	b. Upcountry Skate Park	200,000
	Construction of a multi-skill-level skate park with lights and ADA accessibility from nearby parking in Pukalani.	
	6. Molokai Community Plan Area	
CBS-2346	a. Molokai Parks System	310,000
	Design and construction of sewer manhole improvements at the Mitchell Pauole Complex. Replace softball and Little League backstops and perimeter fencing at Duke Maliau Park.	
	7. Paia-Haiku Community Plan Area	
CBS-2348	a. Paia-Haiku Parks System	950,000
	Parking lot improvements at the Lower Paia Beach Park, including but not limited to a new base course, asphalt, lighting, and sidewalks. Design and construction for removal and replacement of all roofing and siding, strengthening structural components, painting and installing new roof decking and wall siding at Haiku Field House. Renovation of wood flooring at Paia Gym.	

	8. Wailuku-Kahului Community Plan Area	
CBS-2351	a. Central Maui Parks System	1,000,000
	Rebuild basketball court with modular surfacing and ADA improvements at Waikapu Park. Fencing and railing replacement at Mokuohau Park. Fencing and railing replacement at Leisure Estates park. Backstop and fencing replacement at Kahului School Park. Fencing and railing replacement at Lihikai School Park. Resurface basketball court at Richard "Pablo" Caldito Park. Resurface basketball court at Mokuohau Park. Cold plane overlay paving at Leisure Estates park. Slurry seal with patch repair at Keopuolani Park. Seal coat with patch and crack sealing at Hoaloha Park. Seal coat with patch and crack sealing at Kahului Community Center. Deck restoration to fix cracks and low areas at New Wailuku Pool. Resurface tennis courts at Wells Park. Resurface tennis courts at Kahului Community Center. Design to replace "A" light poles at Ichiro "Iron" Maehara Baseball Stadium. Design and electrical analysis for light repairs at Kahului Community Center. Renovate Coach Soichi Sakamoto Pool restrooms, including repainting interior and exterior. Repaint interior and exterior of Kokua Pool. Repaint exterior of restrooms and concession buildings at Keopuolani Park. Resurface basketball court at Kamalii Park. Design and structural analysis and bid documents for required repairs at War Memorial Football Stadium. Design and construction for the replacement of jalousies at Velma McWayne Santos Community Center.	
CBS-4616	b. War Memorial Gym Building Improvements	1,750,000
	Design and construction of War Memorial Gym Improvements. Replace jalousies throughout the gym. Replace doors and windows. Repair building structural elements and exterior finish. Coat roof surfaces. Upgrade building electrical and visual fire alarm systems. Accessibility improvements at restrooms, locker rooms, and doorways. HVAC improvements to meet current code requirements. Repair/replace gym wood flooring. Install air conditioning system. Other related improvements.	
CBS-xxxx	c. Waikapu Community Center Basketball Court Improvements	500,000
	Rebuild basketball court with modular surfacing and ADA improvements at Waikapu Park.	
CBS-xxxx	d. New Kahului Community Center	250,000
	Planning and design of a new community center in Kahului.	
	9. West Maui Community Plan Area	
CBS-2344	a. West Maui Parks System	950,000
	Design and construction to rebuild parking lots at Laniupoko Beach Park. Design and construction to rebuild parking lot and driveway at Hanakao`o Beach Park. Design and construction for renovations including but not limited to, the pool, deck, locker rooms, fencing, building and site improvements, and new landscaping at Lahaina Aquatic Center.	
	Department of Planning	
	Government Facilities	
	1. Wailuku-Kahului Community Plan Area	
CBS-2789	a. Wailuku Redevelopment Municipal Parking Lot Expansion	4,300,000
	Design and construction for redevelopment and expansion of the Wailuku Municipal Parking Lot. Acquisition of property, design, and construction of surface parking within Wailuku Town; provided, that the Maui Redevelopment Agency shall be the contracting agency for the project and may receive assistance from the Department of Planning or other County departments as needed. To include drainage, sidewalk improvements, road reconstructions, and sewer line upgrades at Vineyard Street and the surrounding areas related to the project.	

	<u>Department of Police</u>	
	1. Countywide	
CBS-1010	a. Countywide Police Facilities	425,000
	Design, renovation, or replacement of air conditioning system at the Department's Forensic Facility. Design and renovation of the Lahaina Police Station locker room/bathroom area to include replacement of lockers. Replacement of the fuel tank and system at Wailuku Police Station.	
	<u>Department of the Prosecuting Attorney</u>	
	1. Countywide	
CBS-4623	a. Acquisition of 2103 Wells Street Building	1,600,000
	Acquisition and related costs of 2103 Wells Street Building.	
	<u>Department of Public Works</u>	
	1. Countywide	
CBS-1027	a. Countywide Drainage Improvements	1,000,000
	Design and construction of various drainage improvements to conform to regional drainage master plans. In-house/consultant design, construction management, and land acquisitions. Funding may also supplement Federal Aid and CIP drainage improvement projects.	
CBS-1032	b. Countywide Facility Building Improvements	500,000
	Design and construction for Kalana Pakui Building Air Conditioning Improvements. Construction for Clean Agent System for the 7 th Floor of the County Building. Design for improvements to the A/C Chiller Piping in the Kalana O Maui complex. Emergency or supplemental funding for repairs at the Kalana O Maui complex.	
CBS-1036	c. Countywide Bikeway Improvements	97,276
	Bicycle facility improvements in various stages of design and construction. Route and network improvements to increase awareness for bike safety. Permitting, design, and implementation of improvements as identified in Bike Plan Hawaii and through collaboration with the Maui Bicycling League.	
CBS-1023	d. Countywide Road Resurfacing and Pavement Preservation	5,238,541
	In-house/consultant design, construction management, and construction to implement the Countywide road resurfacing program; provided, that no less than \$150,000 each shall be used for road resurfacing and pavement preservation on Molokai and Lanai, and \$100,000 for root damage repair and resurfacing on Upper Olinda Road on Maui. Funding may supplement Federal Aid road resurfacing projects.	
CBS-1024	e. Countywide Safety Improvements	500,000
	Construction of Kahului Fire Station Sidewalk. Guardrail and shoulder improvements at various locations throughout the County. Construction of speed tables at Kaluanui Road and Kanani Road. Four (4) Lane Roadway Safety Analysis on Lower Main Street and Kanaloa Avenue. Data collection at various locations.	
	2. Hana Community Plan Area	
CBS-4624	a. Hana Highway Landslide Repairs Near Mile Post 42	1,150,000
	Design, construction, and construction management to stabilize a severely eroded downslope adjacent to Hana Highway near Mile Post 42 caused by recent flooding and landslides.	
CBS-4598	b. Waiopai Bridge Repairs	1,500,000
	Design, construction and construction management for the rehabilitation of the existing single-span concrete bridge to include repairs to the concrete deck, guardrail, beams, and abutments on Piilani Highway near Kaupo.	

CBS-2769	c. Keanae Road Safety Improvements	1,000,000
	Design, construction, and construction management to realign Keanae Road near Hana Highway below the State DOT base yard and install safety improvements which include road widening/realignment, guardrails/concrete barriers, and rockfall mitigation measures.	
CBS-1049	d. Lelekea Bridge Replacement	250,000
	Design and construction for the existing bridge located on Hana Highway to include immediate replacement or possible reconstruction because of advanced deterioration of corrugated metal pipe structure.	
	3. Kihei-Makena Community Plan Area	
CBS-1045	a. Kulanihakoi Bridge Replacement	1,250,000
	Design and construct a replacement concrete box culvert system on South Kihei Road with concrete bridge structure. Pavement structure at both transitions will be reconstructed and signage and striping will be installed.	
	4. Makawao-Pukalani-Kula Community Plan Area	
CBS-3188	a. Hiolani Street Drainage Improvements	900,000
	Design and construction to replace existing ditch off Hiolani Street with a drainline.	
CBS-3187	b. Ditch Improvements at Waipoli Road	800,000
	Repair eroding conditions to existing ditch along Waipoli Road requiring stabilization measures to prevent further damage to the roadway and adjacent properties.	
	5. Paia-Haiku Community Plan Area	
CBS-1066	a. Kaupakalua Road Pavement Reconstruction	2,400,000
	Design, construction, construction management, and land acquisition to reconstruct Kaupakalua Road with improvements to include pavement rehabilitation, striping and marking, signage, and safety improvements.	
CBS-1942	b. North Shore Greenway Project	350,000
	Design and construction of the final portion of a multi-use path and route between Sprecklesville and Baldwin Beach Park.	
	6. Wailuku-Kahului Community Plan Area	
CBS-3189	a. Central Maui Drainline Repairs	700,000
	Design, construct, remediate, or replace existing drain lines at various locations in Kahului and Wailuku.	
	Department of Water Supply	
	1. Countywide	
CBS-1075	a. Countywide Facility Improvements	3,649,000
	Replacement of well and booster pump station components, including installation of emergency booster pump connections at tanks serving the Lahainaluna Road service area. Replacement of water treatment facility and water tank components, including replacement of the roof at Piihola WTP due to leakage, replacement of the Mahinahina WTP control system, and refurbishing the Napili A and Honokowai Tanks. Conduct a Countywide facility assessment of all water treatment facilities to evaluate each facility's operational reliability and develop a twenty-year water treatment facility capital improvement plan	

CBS-2299	b. Countywide Upgrades and Replacements	6,110,000
	Improvements that will sustain the reliable operation of existing water infrastructure or mitigate inadequacies of the water system include: 1) Design and construction to replace the traveling screens at the Kamole WTP; 2) Design and construction to replace the 60,000-gallon Lower Kula 200 Water Tank; 3) Construction to upgrade electrical control systems at well and booster pump sites including Mokuahau Wells 1 and 2, Kula Ag Park Booster Pumps, Kepaniwai Well, Keanae Wells 1 and 2, and Kawela Well; 4) Construction to replace water lines and control valves including the 4-inch water line along Hobron Avenue to address leakage and substandard fire flow; 5) Construction to replace intake piping serving the Waikamoi Reservoirs to address leakage; 6) Design and construction to install a bypass system for the Waihee Tank for repair and maintenance purposes; 7) Design replacement of the 6-inch water line along Lunalilo Street and Liholiho Street, Wailuku; 8) Construction to replace/relocate 24" Raw Water Line to Iao Water Treatment Plant; and 9) Inspections of Mokuahau Wells 1 and 2, Kepaniwai Well, Keanae Wells 1 and 2, and Kawela Well.	
CBS-1076	c. Countywide Conservation Program	1,000,000
	Locate, replace, or repair leaking water lines (transmission, distribution, and service laterals) and repair leaking tanks. Design projects to provide supply side conservation, including a water audit.	
	2. Makawao-Pukalani-Kula Community Plan Area	
CBS-1106	a. Upcountry Reliable Capacity	3,300,000
	Design and construction to replace and expand booster pump stations at three sites along the Phase 10 booster pump system (Pookela Tank, Maluhia Tank, West Olinda Tank sites). Design of a new water tank to improve storage capacity for the Opaepilau water system (Haiku).	
	3. Molokai Community Plan Area	
CBS-1098	a. Molokai Reliable Capacity	500,000
	Land acquisition for a backup well site at Kualapu'u and a replacement well site at Kawela. Design an exploratory well for replacement of the existing Kawela Well upon acquisition of the replacement well site.	
	4. Wailuku-Kahului Community Plan Area	
CBS-1102	a. Central Maui Reliable Capacity	500,000
	Land acquisition for a new tank site to improve storage for the Waihee Wells. Design an exploratory well for replacement of the existing Waiehu Heights Well 1 upon acquisition of the replacement well site.	
CBS-4622	b. Kahului Tank II	2,450,000
	Participate in construction of a new 2 million-gallon tank with Maui Lani.	
	5. West Maui Community Plan Area	
CBS-1092	a. West Maui Reliable Capacity	10,000,000
	Construction of the Mahinahina Well 1 Development.	