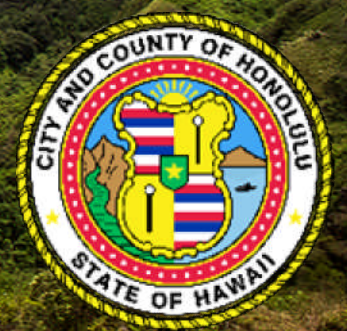
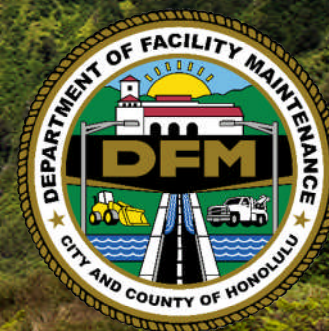


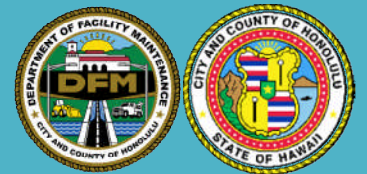
# FISCAL YEAR 2024 Operating & CIP Budget Summary

Department of Facility Maintenance  
March 8, 2023



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Fiscal Year 2024 Budget Summary  
**Operating Budget**



Department of Facility Maintenance  
March 8, 2023



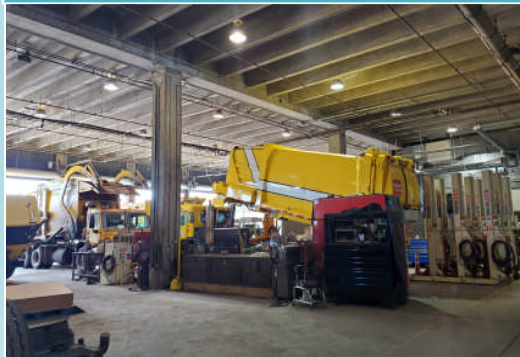
DFM FY24 Budget Summary

# Department of Facility Maintenance Organization

## Administration

(includes Chief Engineer's Office, & Storm Water Quality)

### Automotive Equipment Service



### Public Building & Electrical Maintenance



### Road Maintenance

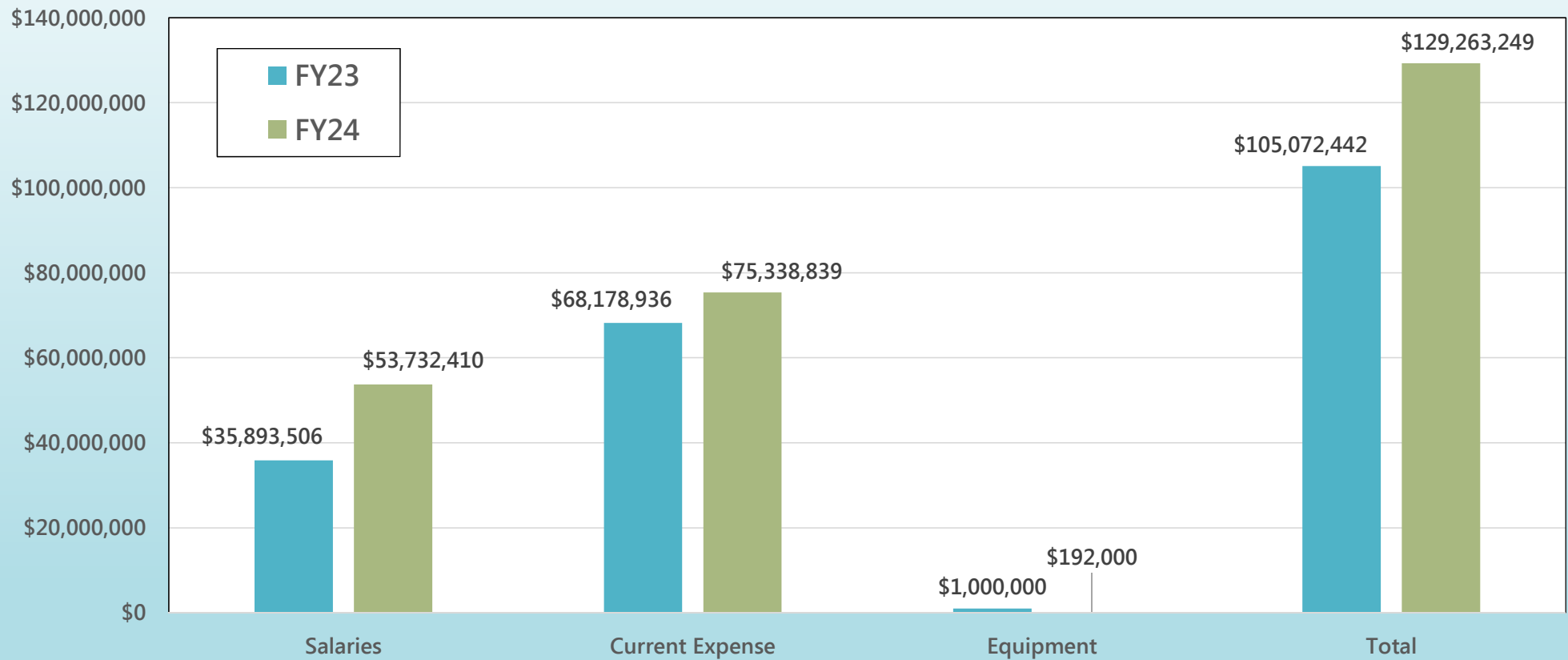






## DFM FY24 Operating Budget Summary

# Department of Facility Maintenance Total Budget

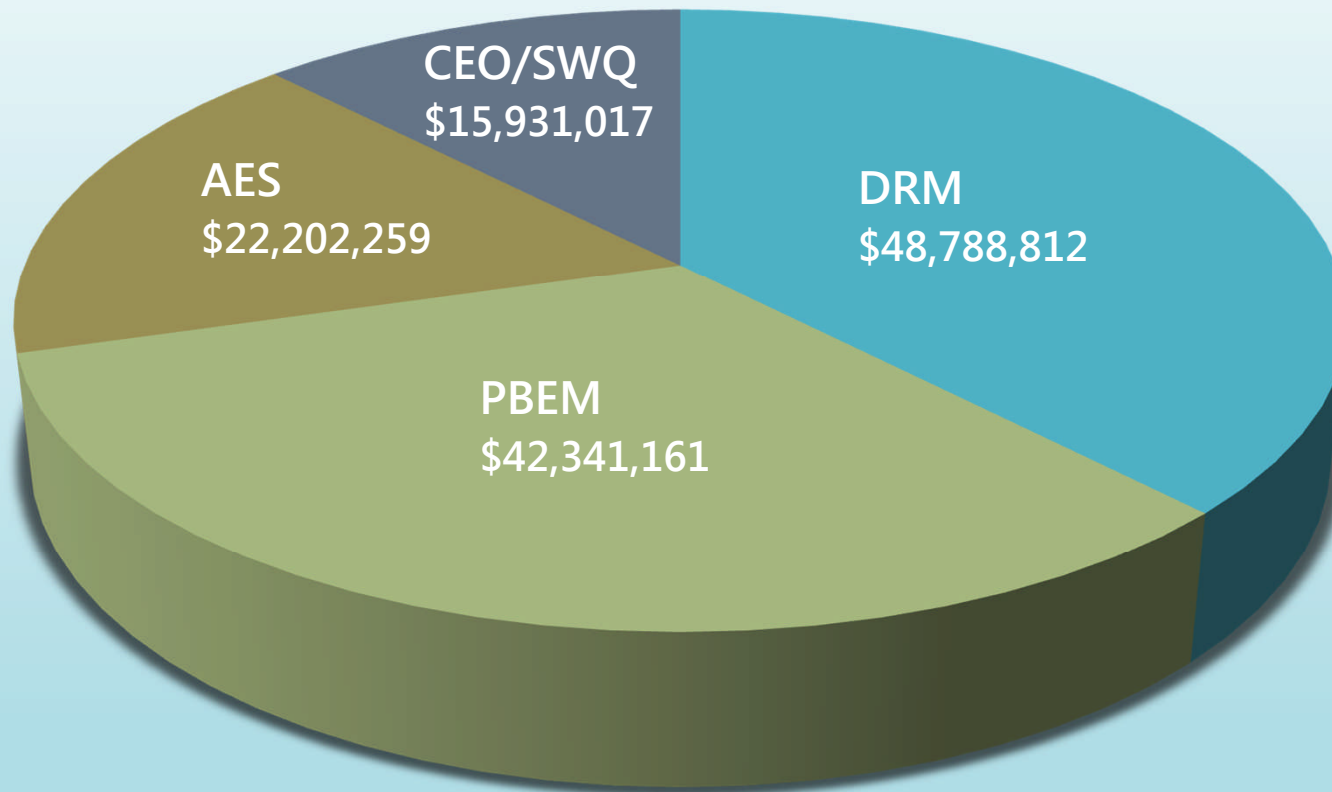


## Total DFM Operating Budget: \$129,263,249



DFM FY24 Operating Budget Summary

## Division Budget Allocation



Total DFM Operating Budget: \$129,263,249



## DFM FY24 Operating Budget Summary

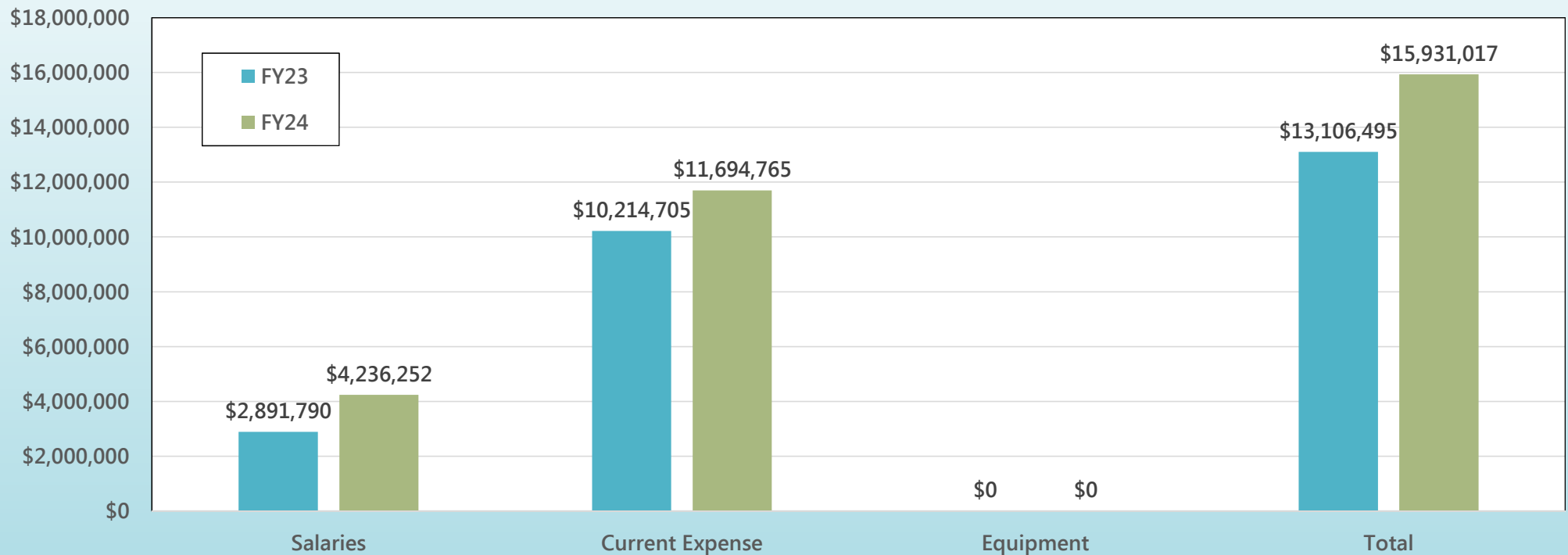
# Fund Sources

Fund Source	FY23	FY24
General Fund	\$44,835,033	\$49,325,687
Highway Fund	\$47,968,293	\$65,984,039
Highway Beautification Fund	\$245,500	\$267,500
Bikeway Fund	\$33,100	\$33,100
Sewer Fund	\$2,193,616	\$2,360,011
Bus Transportation Fund	\$126,744	\$126,744
Refuse General Operating Acct – SWSF	\$4,835,078	\$5,583,084
Recycling Account - SWSF	\$4,835,078	\$5,583,084



## DFM FY24 Operating Budget Summary

# DFM Administration



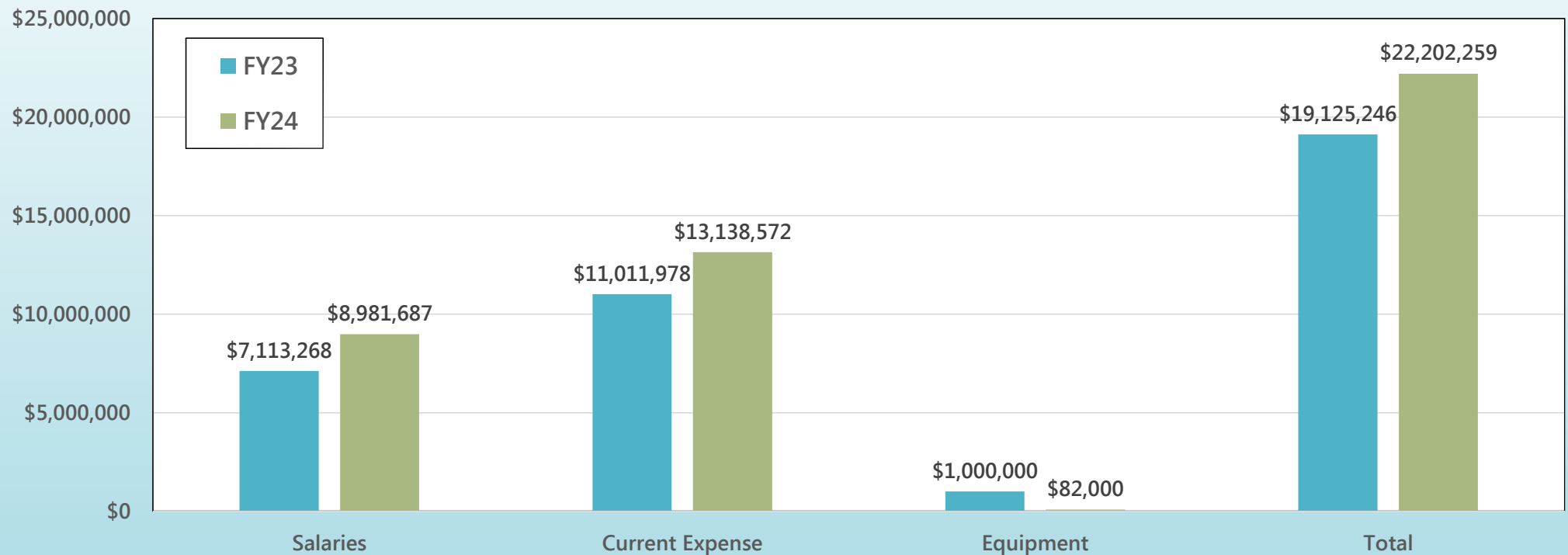
Total DFM Administration Budget: \$15,931,017

- Salary increase of 46.5% primarily due to the funding of all authorized vacant positions.
- Current expenses increase of 14.5%.
- No equipment cost in FY24.



## DFM FY24 Operating Budget Summary

# Automotive Equipment Services Division



Total Automotive Equipment Services Budget: \$22,202,259

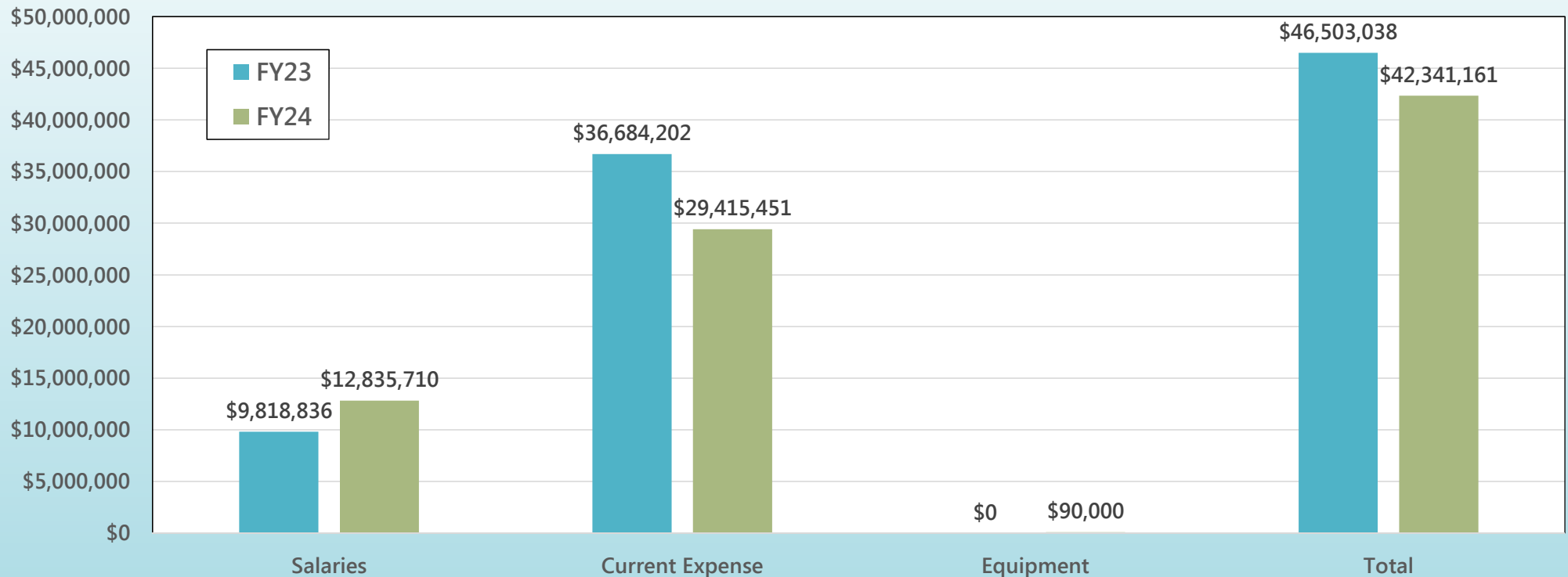
- Salary increase of 26.3% primarily due to the funding of all authorized vacant positions.
- Current expenses increase of 19.3%.
- Equipment cost of \$82,000 in FY24 for the replacement of four (4) tire mounting equipment for heavy and light duty trucks..





## DFM FY24 Operating Budget Summary

# Public Building & Electrical Maintenance Division



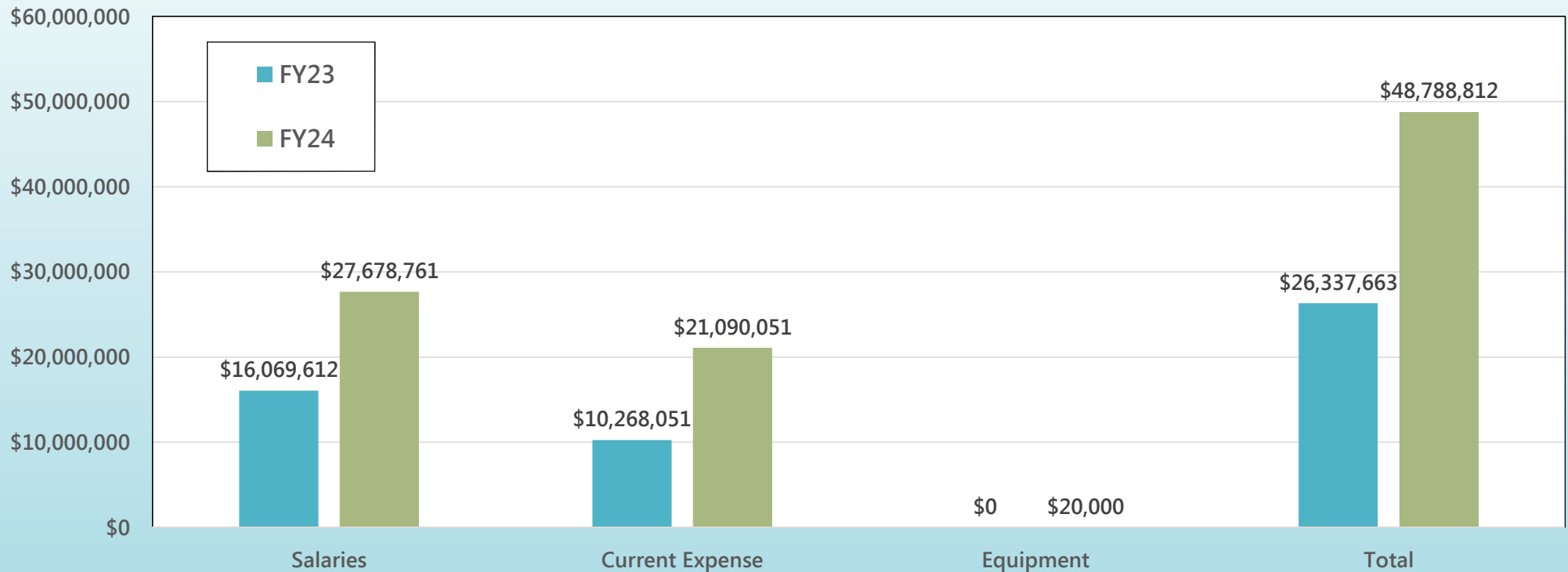
Total Public Building & Electrical Maintenance Budget: \$42,341,161

- Salary increase of 30.7% primarily due to the funding of all authorized vacant positions.
- Current expenses decrease of 19.8%.
- Equipment cost of \$90,000 in FY24 for six (6) replacement 48" ride-on-mowers.



## DFM FY24 Operating Budget Summary

# Roads Maintenance Division



Total Roads Maintenance Budget: \$48,788,812

- Salary increase of 72.2% primarily due to the funding of all authorized vacant positions.
- Current expenses increase of 105.4%.
- Equipment cost of \$20,000 in FY24 for 1 ice machine with bin at Laie Yard and 1 paint shaker equipment at Signs & Markings.

March 8, 2023

C&CH DEPARTMENT OF FACILITY MAINTENANCE

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## DFM FY24 Operating Budget Summary

# General/Highway/Subsidized-Funded Vacancies Budgeted in Provisional for Vacant Positions



March 8, 2023  
C&H DEPARTMENT OF FACILITY MAINTENANCE

	No. of Positions
<b>Vacant Positions as of 2/1/2023*</b>	<b>365</b>
<i>*Reflects the delegation of 91 deactivated positions</i>	
Disposition of funded vacancies:	
To be filled before July 1, 2023	139
To be filled in FY 2024	174
No. of vacant positions that may be abolished	0





## DFM FY24 Operating Budget Summary

# Department Revenue

Fund	Actual FY22	Estimated FY23	Estimated FY24
General – GN (110)	\$1,135,685	\$1,041,830	\$1,193,778
Highway – HW (120)	\$851,994	\$609,000	\$480,000
Sewer (170)	\$196	\$0	\$0
Transportation (180)	\$0	\$200,000	\$246,000
Refuse General Operating Acct – SWSF (250)	\$549	\$0	\$0
Recycling Account - SWSF (259)	\$549	\$0	\$0
Special Projects (380)	\$43,549	\$0	\$0
Total	\$2,032,522	\$1,850,830	\$1,919,778

# Fiscal Year 2024 Budget Summary

# **CIP Budget**

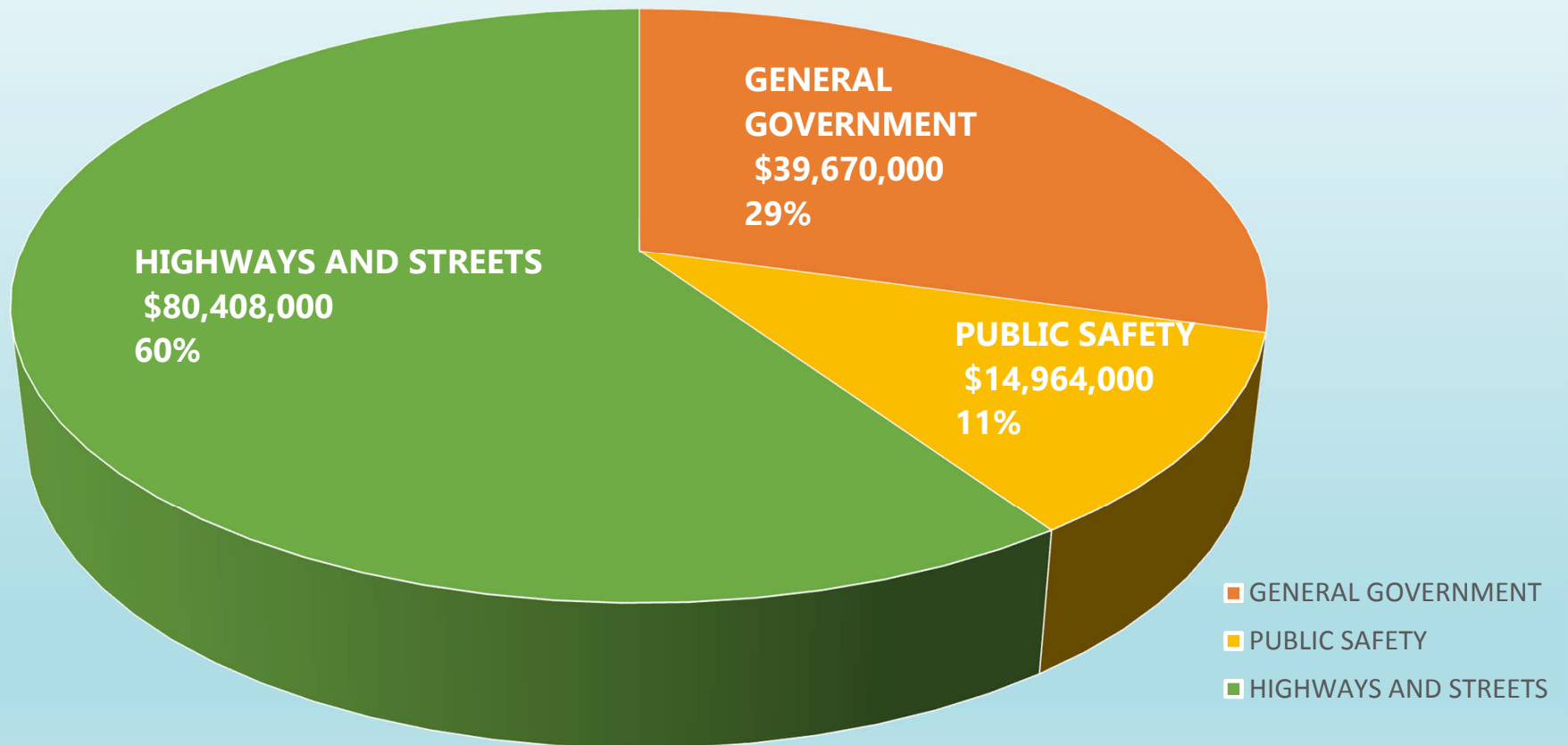


Department of Facility Maintenance  
March 8, 2023



## DFM FY24 CIP Budget Summary

# Distribution of Funds







## DFM FY24 CIP Budget Summary

# General Government

Page	Project Title	Phases	Total
<i>Public Facilities – Additions and Improvements</i>			<i>\$39,470,000</i>
12	CIVIC CENTER PARKING STRUCTURE - RECONSTRUCTION	D, C, I	\$ 15,700,000
13	ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE	P, D, C, I	\$ 10,250,000
14	ENERGY CONSERVATION IMPROVEMENTS	P, D, C, I	\$ 1,675,000
15	HALAWA CORPORATION YARD IMPROVEMENTS	D, C	\$ 1,000,000
21	KALIHI-PALAMA BUS FACILITY IMPROVEMENTS	D, C, I	\$ 2,020,000
23	KAPOLEI CONSOLIDATED CORPORATION YARD	D, C, I	\$ 620,000
25	LAIE CORPORATION YARD IMPROVEMENTS	D, C, I	\$ 865,000
27	MEDICAL EXAMINER BUILDING IMPROVEMENTS AND EXPANSION	D, C, I	\$ 900,000
28	MUNICIPAL PARKING FACILITIES IMPROVEMENTS	D, C, I	\$ 2,520,000
30	PEARL CITY BUS FACILITY	D	\$ 300,000
31	PEARL CITY CORPORATION YARD RENOVATIONS	D, C	\$ 540,000
33	PUBLIC BUILDING FACILITIES IMPROVEMENTS	D, C, I, E	\$ 680,000
34	TRAFFIC SIGNAL MAINTENANCE FACILITY	D, C, I, E	\$ 1,400,000
36	MUNICIPAL FACILITIES IMPROVEMENTS	P, D, C, I, E	\$ 1,000,000
<i>Public Facilities – Improvements-Land Acquisitions</i>			<i>\$200,000</i>
39	LAND EXPENSES	L, R	\$ 200,000
General Government Total			\$ 39,670,000



## DFM FY24 CIP Budget Summary

# Public Safety

Page	Project Title	Phases	Total
<i>Flood Control</i>			<i>\$6,034,000</i>
84	FLOOD CONTROL IMPROVEMENTS AT VARIOUS LOCATIONS	L, P, D, C, I	\$ 4,030,000
94	WAILELE STREAM FLOOD RISK MANAGEMENT PROJECT	P, D, C, I, E, X	\$ 2,004,000
<i>Other Protection – Miscellaneous</i>			<i>\$8,930,000</i>
107	DRAINAGE OUTFALL IMPROVEMENTS	L, P, D, C, I	\$ 440,000
109	KAPALAMA CANAL EROSION CONTROL, STABILIZATION, AND DREDGING – TRANSIT ORIENTED DEVELOPMENT	D	\$ 432,000
112	ROCK SLIDE POTENTIAL INSPECTIONS AND MITIGATIVE IMPROVEMENTS	L, P, D, C, I	\$ 1,550,000
113	TELECOMMUNICATION FACILITIES IMPROVEMENTS	D, C, I, E	\$ 6,508,000
Public Safety Total			\$14,964,000



## DFM FY24 CIP Budget Summary

# Highways and Streets

Page	Project Title	Phases	Total
<i>Highways, Streets and Roadways</i>			<i>\$48,744,000</i>
124	AFFORDABLE HOUSING STRUCTURE REGIONAL PLANNING - HALAWA	P	\$ 2,000,000
125	AFFORDABLE HOUSING STRUCTURE REGIONAL PLANNING - IWILEI	P	\$ 2,000,000
126	AFFORDABLE HOUSING STRUCTURE REGIONAL PLANNING – WEST OAHU	P	\$ 2,000,000
133	CURB RAMPS AT VARIOUS LOCATIONS, OAHU	L, D, C, I	\$ 1,000,000
136	GUARD RAIL IMPROVEMENTS	L, D, C, I	\$ 1,140,000
146	REHABILITATION OF STREETS	P, D, C, I	\$ 35,004,000
151	UTILITY SHARE EXPENSES	C	\$ 100,000
153	WAIKIKI IMPROVEMENTS	D, C	\$ 3,500,000
155	RECONSTRUCTION OF SIDEWALKS	C, I	\$ 2,000,000
<i>Bridges, Viaducts and Grade Separation</i>			<i>\$3,504,000</i>
168	BRIDGE REHABILITATION AT VARIOUS LOCATIONS	P, D, C, I	\$ 3,504,000



## DFM FY24 CIP Budget Summary

# Highways and Streets, continued

Page	Project Title	Phases	Total
<i>Storm Drainage</i>			<i>\$27,220,000</i>
172	DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS	L, P, D, C, I	\$ 11,920,000
174	EROSION CONTROL IMPROVEMENTS	D, C, I	\$ 7,900,000
188	NPDES IMPROVEMENTS ALONG KUHIO BEACH	D, C, I	\$ 850,000
189	NPDES MS4 EROSION PRONE AREA IMPROVEMENTS	D, C, I	\$ 1,250,000
190	NPDES MS4 RETROFIT STRUCTURAL BMP IMPROVEMENTS PROGRAM	D, C, I	\$ 1,200,000
193	NPDES MS4 STRUCTURAL BMPS FOR TRASH REDUCTION	D, I	\$ 800,000
194	NPDES MS4 TMDL STRUCTURAL BMP IMPROVEMENTS PROGRAM	D	\$ 250,000
195	REHABILITATION/RECONSTRUCTION OF STORM DRAIN AND CATCH BASIN	D, C, I	\$ 850,000
197	STORM DRAINAGE BEST MANAGEMENT PRACTICES IN THE SALT LAKE DRAINAGE SYSTEM	C, I	\$ 1,700,000
198	STORM DRAINAGE BEST MANAGEMENT PRACTICES IN THE VICINITY OF KAELEPULU POND	D	\$ 500,000
<i>Street Lighting</i>			<i>\$940,000</i>
206	STREET LIGHT METER CABINETS, TRANSFORMERS AND STREET LIGHTING IMPROVEMENTS	D, C, I, E	\$ 940,000
Highways and Streets Total			\$ 80,408,000



## DFM FY24 CIP Budget Summary

# Major Equipment

Priority	Equipment Item	Est. Life	Units	Cost/Unit	Total Cost	Org	Justification
1	Equipment, Excavator, Long Reach	10	1	\$400,000	\$400,000	2063 – Admin DRM	Replacement of 2013 large heavy duty long reach excavator that performs stream maintenance and emergency stream mouth openings. Substantial corrosion is uneconomical to repair.
2	Equipment, Skid Steer, Loader	12	2	\$40,000	\$80,000	2080 – Stream Cleaning DRM	New skid steer equipment for stream maintenance to haul vegetation, debris and sediment from channelized drainage channels and streams to crane or other hoisting equipment.
3	Equipment, Compact Track Loader	12	2	\$75,000	\$150,000	2080 – Stream Cleaning DRM	New compact track loader equipment for stream maintenance to haul vegetation, debris and sediment from channelized drainage channels and streams to crane or other hoisting equipment.
4	Equipment, Trailer, Low Boy 9 ft. Wide, 50 Ton	12	1	\$75,000	\$75,000	2080 – Stream Cleaning DRM	Replacement of 2008 low boy trailer 9 ft. wide for transporting large excavator equipment, bulldozers, track loaders, wheeled loaders. Equipment is deadlined by AES.

Blue row = New Equipment, Green row = Replacement Equipment, Light Blue column = HI funded, Green column = GI funded



## DFM FY24 CIP Budget Summary

# Major Equipment, continued

Priority	Equipment Item	Est. Life	Units	Cost/Unit	Total Cost	Org	Justification
5	Tractor Mower	10	5	\$175,000	\$875,000	2071 – Pearl City 2073 – Waianae 2074 – Waialua 2076 – Kaneohe 2077 – Kailua DRM	2011 New Holland equipment. Frequent repairs required, uneconomical to repair.
6	Truck, Pick-Up w/Lift Gate	12	1	\$65,000	\$65,000	2069 – Clean Team DRM	Replacement of 2009 Ford F-150. Vehicle in poor condition and uneconomical to repair.
7	Equipment, Wheeled Loader	12	2	\$190,000	\$380,000	2072 – Wahiawa 2075 – Laie DRM	Replacement of 2006 equipment. Equipment is in poor condition and uneconomical to repair.
8	Service Trucks	12	3	\$95,000	\$285,000	2015 – R&M AES	Replacement trucks for repair operations. Existing service trucks are over 14 years old and are no longer economical to retain. Trucks are equipped with service bodies, compressor and crane which are essential features when responding to trouble calls in the field.

Blue row = New Equipment, Green row = Replacement Equipment, Light Blue column = HI funded, Dark Green column = GI funded





## DFM FY24 CIP Budget Summary

# Major Equipment, continued

Priority	Equipment Item	Est. Life	Units	Cost/Unit	Total Cost	Org	Justification
9	CRANE TRUCK, 35,000 lbs. GVWR, with pole holder, extended rear bumper, pipe vise, driver's air seat and front recovery winch	10	1	\$350,000	\$350,000	1826 – Street Lighting (TPP) PBEM	The street lighting section currently has one crane that is used to install or replace metal, wood, and concrete poles along roadways or in parks; replace heavy electrical appurtenance such as transformers, meter cabinets, switchgear, etc.; and lift large material supplies such as palletized transformer bases, etc. The requested new crane will enable the section to have resiliency in its operations by having more than one crane and also allows for possible expansion of services when addressing corroded poles and bases with in-house personnel.
10	CRANE TRUCK, 35,000 lbs. GVWR, with pole holder, extended rear bumper, pipe vise, driver's air seat and front recovery winch	10	1	\$350,000	\$350,000	1826 – Street Lighting (TPP) PBEM	Replacement for C&C 6257 / 22138 which is 23 years old and used to install or replace metal, wood, and concrete poles along roadways or in parks; replace heavy electrical appurtenance such as transformers, meter cabinets, switchgear, etc.; and lift large material supplies such as palletized transformer bases, etc. The existing unit has been downed and is being evaluated for condemnation. AES is unable to procure replacement failures.

Blue row = New Equipment, Green row = Replacement Equipment, Light Blue column = HI funded, Dark Green column = GI funded



## DFM FY24 CIP Budget Summary

# Major Equipment, continued

Priority	Equipment Item	Est. Life	Units	Cost/Unit	Total Cost	Org	Justification
11	AERIAL BUCKET TRUCK, 35,000 lbs. GVWR, articulating with telescopic boom up to 45-ft platform height, fiberglass utility body, extended rear bumper, reel holders, and strobes.	10	2	\$325,000	\$650,000	1826 – Street Lighting (TPP) PBEM	Replacement for 22148/C&C6435 and 22142/C&C 6410 used by street lighting crews to repair street lights, civil defense sirens, and upon occasion parks lighting. Existing units are past their useful life with frequent breakdowns and repairs.
12	Electric Vehicle - Mid-Sized Sport Utility Vehicle (SUV)	10	2	\$55,000	\$110,000	2003 – SWQ	Conversion of SWQ fleet to electric powered vehicles in anticipation of move to Honouliuli Administration Building in mid-2024.
13	FLATBED STAKE TRUCK, 10,500 GVWR, with lift gate, and P25-compatible two-way radio	12	1	\$125,000	\$125,000	1822 – R&M PBEM	Replacement for C&C 6943, #20197 which is 23 years old. This vehicle is used by multiple repair and maintenance trades for transporting equipment and finished/refurbished products to/from job sites.
14	FORKLIFT, ride-on, 8,000 lbs. lifting capacity	12	1	\$80,000	\$80,000	1826 – Street Lighting (TPP) PBEM	Replacement for Equipment #48080, B38 which is 24 years old (1998). Existing unit suffers from constant mechanical failures and replacement parts cannot be ordered due to age and so parts must be salvaged from other out-of-service forklifts.

Blue row = New Equipment, Green row = Replacement Equipment, Light Blue column = HI funded, Dark Green column = GI funded

March 8, 2023

C&CH DEPARTMENT OF FACILITY MAINTENANCE



## DFM FY24 CIP Budget Summary

# Major Equipment, continued

Priority	Equipment Item	Est. Life	Units	Cost/Unit	Total Cost	Org	Justification
15	Street Sweeper, Regenerative Air	12	4	\$300,000	\$1,200,000	2071 (1) – Pearl City 2086 (3) – Street Sweeping DRM	Replacement of 2011 International equipment. High mileage, numerous problems, uneconomical to repair.
16	UTILITY TRUCK, 3/4T, fiberglass compartments including one for bed, and low-profile pipe rack	10	1	\$80,000	\$80,000	1822 – R&M PBEM	Replacement for C&C 9233, #16439 which is 13 years old. Existing unit has frequent transmission problems. Unit is used by the Painting Section to transport personnel, painting supplies, signs, etc. to various public buildings to perform work.

Blue row = New Equipment,    Green row = Replacement Equipment,    Light Blue column = HI funded,    Dark Green column = GI funded

## Total Major Equipment Budget: \$5,255,000

# Mahalo

FISCAL YEAR 2024  
Operating & CIP Budget Summary  
Department of Facility Maintenance  
March 8, 2023

