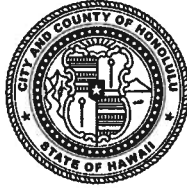


DEPARTMENT OF BUDGET AND FISCAL SERVICES
CITY AND COUNTY OF HONOLULU
530 SOUTH KING STREET, ROOM 208 • HONOLULU, HAWAII 96813
PHONE: (808) 768-3900 • FAX: (808) 768-3179 • WEB: www.honolulu.gov



RICK BLANGIARDI
MAYOR

ANDREW T. KAWANO
DIRECTOR

CARRIE CASTLE
DEPUTY DIRECTOR

March 2, 2023

The Honorable Radiant Cordero, Chair
and Members
Committee on Budget
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

2023 MAR 2 PM 3:31 CITY CLERK

Dear Chair Say and Councilmembers:

SUBJECT: Budget Communication No. 4 – Item 11
Capital Budget for Fiscal Year (FY) 2024 – Line Item Detail

As requested, the attached list provides information on appropriations over \$50,000 proposed in the FY 2024 Capital Program and Budget. Included are explanations from the following departments:

Budget and Fiscal Services
Community Services
Design and Construction
Environmental Services
Honolulu Fire Department
Honolulu Police Department
Transportation Services

Please note that the Department of Design and Construction has worked with other city departments such as Enterprise Services, Facility Maintenance, and Parks and Recreation in preparing the list.

DEPT. COM. 137

BUD

The Honorable Radiant Cordero, Chair
and Members
March 2, 2023
Page 2


Should you have any questions regarding the line item detail, please contact me at 768-3901.

Sincerely,


Andrew T. Kawano
Director

Attachment

APPROVED:


Michael D. Formby
Managing Director

GENERAL GOVERNMENT

Project # Project Title

GENERAL GOVERNMENT (Staff Agencies) - FY24 CIP

1998602 PROCUREMENT OF MAJOR EQUIPMENT

	<u>CD</u>	<u>Land</u>	<u>Planning</u>	<u>Design</u>	<u>Construction</u>	<u>Inspection</u>	<u>Equipment</u>	<u>Relocation</u>	<u>Total</u>
Department of Design and Construction	99						175,175		175,175
Department of Enterprise Services	99						60,000		60,000
Department of Environmental Services	99						13,735,000		13,735,000
Department of Facility Maintenance	99						5,255,000		5,255,000
Department of Parks and Recreation	99						2,442,700		2,442,700
Department of Transportation Services	99						168,275		168,275
Honolulu Emergency Services Department	99						306,000		306,000
TOTAL		-	-	-	-	-	22,142,150	-	22,142,150

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2024
DEPARTMENT OF DESIGN AND CONSTRUCTION

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	Full Size Sport Utility Vehicle	10 yrs	1	\$ 61,600	\$ 61,600	GN (110)	Repl	1854
2	Full Size Sport Utility Vehicle	10 yrs	1	\$ 61,600	\$ 61,600	GN (110)	Repl	2034
3	Pickup Truck	10 yrs	1	\$ 51,975	\$ 51,975	HW (120)	Repl	1863

GN	\$ 123,200
HW	\$ 51,975
Total	<u>\$ 175,175</u>

PROCUREMENT OF MAJOR EQUIPMENT (1998602) FY2024

DEPARTMENT OF ENTERPRISE SERVICES

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	Forklift	20	1	\$ 60,000	\$ 60,000	SV (360)	Repl	Waikiki Shell
				SV (360)	<u>60,000</u>			

PROCUREMENT OF MAJOR EQUIPMENT - FY2024

DEPARTMENT OF ENVIRONMENTAL SERVICES (REFUSE)

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund	Repl/New	Activity	Justification
1	26055 2011 AUTOCAR ACX64 Front Loader (Kapaa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
2	26056 2018 PETERBILT 520 Front Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
3	26057 2018 PETERBILT 520 Front Loader (Pearl City)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
4	47489 2017 TRAVIS S102 TOP LD Trailer (Kawailoa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
5	47490 2017 TRAVIS S102 TOP LD Trailer (Kawailoa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
6	47491 2017 TRAVIS S102 TOP LD Trailer (Kawailoa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
7	47492 2017 TRAVIS S102 TOP LD Trailer (Kawailoa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
8	47493 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
9	47494 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
10	47495 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
11	47496 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
12	47497 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
13	47498 2017 TRAVIS S102 TOP LD Trailer (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
14	27253 2017 PETERBILT 320 Side Loader (Wahiawa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
15	27262 2017 AUTOCAR ACX64R Side Loader (Wahiawa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
16	27250 2017 PETERBILT 320 Side Loader (Pearl City)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
17	27251 2017 PETERBILT 320 Side Loader (Pearl City)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
18	27258 2017 AUTOCAR ACX64R Side Loader (Pearl City)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
19	27259 2017 AUTOCAR ACX64R Side Loader (Pearl City)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
20	27264 2017 PETERBILT 320 Side Loader (Waialua)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
21	27252 2017 PETERBILT 320 Side Loader (Waianae)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
22	27263 2017 PETERBILT 320 Side Loader (Waianae)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
23	27257 2017 PETERBILT 320 Side Loader (Laie)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
24	50035 2017 VOLVO EC220ELR Excavator (Kapaa)	6	1	\$ 300,000	\$ 300,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
25	19540 2013 INTL 7600 SBA Roll-off (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
26	19551 2013 INTL 7600 SBA Roll-off (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
27	19552 2013 INTL 7600 SBA Roll-off (Kapaa)	6	1	\$ 170,000	\$ 170,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
28	46135 2017 ADVANCE SW8000 Riding Sweeper (Kapaa)	6	1	\$ 75,000	\$ 75,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
29	46134 2017 ADVANCE SW8000 Riding Sweeper (Keehi)	6	1	\$ 75,000	\$ 75,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
30	27248 2017 PETERBILT 320 Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
31	27249 2017 PETERBILT 320 Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
32	27254 2017 PETERBILT 320 Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
33	27255 2017 PETERBILT 320 Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
34	27260 2017 AUTOCAR ACX64R Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
35	27261 2017 AUTOCAR ACX64R Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
36	28551 2017 INTL 7300 SBA Side Loader (Honolulu)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
37	27256 2017 PETERBILT 320 Side Loader (Kapaa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
38	27266 2017 PETERBILT 320 Side Loader (Kapaa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
39	27267 2017 PETERBILT 320 Side Loader (Kapaa)	6	1	\$ 450,000	\$ 450,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
40	20286 2017 PETERBILT 377 Flatbed (Honolulu)	6	1	\$ 165,000	\$ 165,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
41	20287 2017 PETERBILT 377 Flatbed (Kapaa)	6	1	\$ 165,000	\$ 165,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
42	14139 2015 FORD F150XL (Waipahu) EV Replacement	8	1	\$ 60,000	\$ 60,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
43	16477 2015 FORD F250XL (Waipahu)	8	1	\$ 75,000	\$ 75,000	WB	Repl	2053	Exceeded life expectancy w/high maintenance costs
44	20270 2015 FORD F350XL (Honolulu)	8	1	\$ 100,000	\$ 100,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
45	20271 2015 FORD F350XL (Honolulu)	8	1	\$ 100,000	\$ 100,000	WB	Repl	2045	Exceeded life expectancy w/high maintenance costs
46	10916 2015 CHEVROLET EQUINOX LS (Kapolei) EV Replacement	8	1	\$ 60,000	\$ 60,000	WB	Repl	2040	Exceeded life expectancy w/high maintenance costs

TOTAL \$13,735,000

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2024

DEPARTMENT OF FACILITY MAINTENANCE

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund	Repl/New	Activity
1	Equipment, Excavator, Long Reach	10	1	\$ 400,000	\$ 400,000	GN(110)	Repl	2063
2	Equipment, Skid Steer, Loader	12	2	\$ 40,000	\$ 80,000	GN(110)	New	2080
3	Equipment, Compact Track Loader	12	2	\$ 75,000	\$ 150,000	GN(110)	New	2080
4	Equipment, Trailer, Low Boy 9 ft Wide, 50 Ton	12	1	\$ 75,000	\$ 75,000	GN(110)	Replace	2080
5	Tractor Mower	10	5	\$ 175,000	\$ 875,000	HW(120)	Replace	2071, 2073, 2074, 2076, 2077
6	Truck, Pick-Up w/Lift Gate	12	1	\$ 65,000	\$ 65,000	HW(120)	Replace	2069
7	Equipment, Wheeled Loader	12	2	\$ 190,000	\$ 380,000	HW(120)	Replace	2075, 2072
8	Service Trucks	12	3	\$ 95,000	\$ 285,000	GN(110)	Repl	2015
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	HW(120)	New	1826
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	HW(120)	Replacement	1826
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	HW(120)	Replacement	1826
12	Electric Vehicle - Mid-Sized Sport Utility Vehicle (SUV)	10	2	\$ 55,000	\$ 110,000	GN(110)	New	SWQ (2003)
13	FLATBED STAKE TRUCK, 10,500 GVWR, with lift gate, and P25-compatible two-way radio	12	1	\$ 125,000	\$ 125,000	GN(110)	Replacement	1822
14	FORKLIFT, ride-on, 8,000 lbs. lifting capacity	12	1	\$ 80,000	\$ 80,000	GN(110)	Replacement	1826
15	Street Sweeper, Regenerative Air	12	4	\$ 300,000	\$ 1,200,000	HW(120)	Replace	2086 (3), 2071
16	UTILITY TRUCK, 3/4T, fiberglass compartments including one for bed, and low-profile pipe rack	10	1	\$ 80,000	\$ 80,000	GN(110)	Replacement	1822

Total

\$ 5,255,000

\$ 1,385,000

GN(110)

\$ 3,870,000

HW(120)

\$ 5,255,000

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2024

DEPARTMENT OF PARKS AND RECREATION

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	Mower, 3 Rotary Cutting Units	5	1	\$ 120,000	\$ 120,000	GN(110)	R	GM5-W
2	Mower, WAM	5	3	\$ 140,000	\$ 420,000	GN(110)	N	GM
3	Truck, 1 Ton, 4 WD, Ext Cab	10	3	\$ 65,000	\$ 195,000	GN(110)	N	GM
4	Truck, 1 Ton	10	1	\$ 50,000	\$ 50,000	GN(110)	R	MSS
5	Mower, Riding 72", 4WD, Rotary, Side Discharge	5	1	\$ 29,500	\$ 29,500	GN(110)	R	DUF/BOT
6	Ladder truck, 31,000 GVW	10	1	\$ 275,000	\$ 275,000	GN(110)	R	DUF/HORT
7	SUV,medium, towing package, hide-a-strobe, compact w/ 2-way radio	10	1	\$ 40,000	\$ 40,000	GN(110)	R	DUF/HORT
8	Truck, 3/4 Ton	10	1	\$ 55,000	\$ 55,000	GN(110)	R	GM4
9	Truck, 1 Ton	10	1	\$ 60,000	\$ 60,000	GN(110)	R	GM4
10	Truck, 3/4 Ton	10	1	\$ 55,000	\$ 55,000	GN(110)	R	GM4
11	SUV,medium, towing package, hide-a-strobe, compact w/ 2-way radio	10	1	\$ 40,000	\$ 40,000	GN(110)	R	DUF/HORT
12	Truck, 1 Ton , Extend cab	10	1	\$ 55,000	\$ 55,000	GN(110)	R	GM3
13	Mower, WAM, Mini	5	1	\$ 90,000	\$ 90,000	GN(110)	R	GM2
14	Truck, Rear End Loader, Small	10	1	\$ 225,000	\$ 225,000	GN(110)	N	GM3
15	Truck, 1/2 Ton, Extra cab	10	1	\$ 45,000	\$ 45,000	GN(110)	R	MSS
16	Truck, 1 Ton, Flatbed	10	1	\$ 80,000	\$ 80,000	GN(110)	R	MSS
17	Truck, flatbed, hydraulic lift bed and lift gate, extended cab, 7000 GVW, automatic transmission, 4WD	10	1	\$ 46,500	\$ 46,500	GN(110)	R	DUF/BOT
18	SUV,medium, towing package, hide-a-strobe, compact w/ 2-way radio	10	1	\$ 40,000	\$ 40,000	GN(110)	R	DUF/HORT
19	Truck, 3/4 Ton, Crew cab	10	2	\$ 53,100	\$ 106,200	GN(110)	R	GM1
20	Truck, 1 Ton, Flatbed, Stake.	10	2	\$ 60,000	\$ 120,000	GN(110)	R	GM1
21	Truck, 3/4 Ton	10	1	\$ 55,000	\$ 55,000	GN(110)	R	GM1
22	Truck, flatbed, hydraulic lift bed and lift gate, crew cab, 9900 GVW, automatic transmission, 4WD	10	1	\$ 55,500	\$ 55,500	GN(110)	R	DUF/BOT
23	Dump truck with removable chipper canopy, emergency lighting, underbed toolboxes, towing package, 2-way radio, 35,000 GVW	10	1	\$ 185,000	\$ 185,000	GN(110)	R	DUF/HORT

Total \$ 2,442,700

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2024

DEPARTMENT OF TRANSPORTATION SERVICES

<u>Priority</u>	<u>Org</u>	<u>Equipment Item</u>	<u>Est Life Units</u>		<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	DTS1663	Motor Vehicles - Trucks for Rail	7	1	\$ 65,875	\$ 65,875	BT(180)	New	DTS1663
2	DTS1662	Motor Vehicles - Passenger Vehicles for Rail	7	1	\$ 62,400	\$ 62,400	BT(180)	New	DTS1662
3	DTS- Bus/Handivan	Mini-Van (Communications)	12	1	\$ 40,000	\$ 40,000	BT(180)	Replacement	DTS4312

FY24 Rail Equipment Total	\$ 128,275
FY24 Bus Handivan Equipment Total	\$ 40,000
	<u>168,275.00</u>

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2024

HONOLULU EMERGENCY SERVICES DEPARTMENT

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	Red 4WD trucks	10 years	4	\$ 60,000	\$ 240,000	GN(110)	New	Ocean Safety
2	Mid-Size Sedan (Hybrid)	10 years	2	\$ 33,000	\$ 66,000	GN(110)	Replace	EMS
Total					<u>\$ 306,000</u>			

Project # Project Title

GENERAL GOVERNMENT (PUBLIC FACILITIES - ADDITIONS AND IMPROVEMENTS) - FY24 CIP

2019090 ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE

	Project	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Pearl City Bus Facility - Phase 1 Plan, design and construction of a depot charging facility with charge spots for approx eighty four (84) 40-foot electric buses.	8 GI FG		5,000	5,000	1,000,000 9,000,000	240,000			1,250,000 9,000,000
TOTAL				5,000	5,000	10,000,000	240,000			10,250,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY24 CIP

1998007 ENERGY CONSERVATION IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Civic Center Parking Structure EV Chargers				250,000					250,000
2	DFM Building Maintenance Facility EV Chargers				250,000					250,000
3	City Fleet Vehicles EV Chargers			50,000	100,000	250,000				400,000
4	Kapalama Hale EV Chargers					400,000				400,000
5	Kapolei Hale EV Chargers				25,000	200,000	150,000			375,000
TOTAL			-	50,000	625,000	850,000	150,000	-	-	1,675,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY24 CIP

2020072 MUNICIPAL PARKING FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kailua Municipal Parking Improvements	3			10,000	2,500,000	10,000			2,520,000
	TOTAL		-	-	10,000	2,500,000	10,000	-	-	2,520,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY24 CIP

1987042 PUBLIC BUILDING FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	DFM Kokea Yard Reconstruction of Building Envelope				200,000					200,000
2	Traffic Management Center (740 Kinalau Pl) Fire Alarm System Replacement				10,000	450,000	10,000	10,000		480,000
TOTAL			-	-	210,000	450,000	10,000	10,000	-	680,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY24 CIP
2019151 MUNICIPAL FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Upgrade structural, electrical, air conditioning, elevator improvements for various City facilities.	99		5,000	50,000	900,000	10,000	35,000		1,000,000
TOTAL			-	5,000	50,000	900,000	10,000	35,000	-	1,000,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Improvements - Land Acquisitions) - FY24 CIP

1971153 LAND EXPENSES

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1		175,000						25,000	200,000
Provision of funds for incidental land expenses such as for additional lands and easements, appraisals, relocation assistance, document fees, and other related land expenses									
TOTAL		175,000						25,000	200,000

PUBLIC SAFETY

Project # Project Title

PUBLIC SAFETY - (Police Stations and Buildings) - FY24 CIP

2015082 HPD HEADQUARTERS IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	HPD Headquarters Fire Alarm System Improvements	6					100,000			100,000
2	HPD Headquarters Parking Structure Improvements	6				450,000				450,000
3	HPD Headquarters Courtyard Canopy	6			400,000					400,000
4	HPD Headquarters Second Floor Courtyard Storm Drain Improvements	6				1,840,000				1,840,000
5	HPD Headquarters Exterior Improvements	6			300,000					300,000
6	Hardening Station Entrance	6			50,000	100,000				150,000
7	Unanticipated Mechanical, Electrical, Plumbing Improvements	6			20,000	20,000	20,000			60,000
TOTAL			-	-	770,000	2,410,000	120,000	-	-	3,300,000

Project # Project Title

PUBLIC SAFETY - (Police Stations and Buildings) - FY24 CIP

2002025	POLICE STATIONS BUILDINGS IMPROVEMENTS	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Waipahu Training Academy Parking Lot and Master Plan Improvements	8				3,405,000				3,405,000
2	Kalihi Police Station Emergency Generator Replacement	7				750,000				750,000
3	Unanticipated Mechanical, Electrical, Plumbing Improvements	99			10,000	25,000	10,000			45,000
TOTAL			-	-	10,000	4,180,000	10,000	-	-	4,200,000

Project # Project Title

PUBLIC SAFETY - (Police) - FY 24 CIP

2005028 HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISITION

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
Honolulu Police Department *	99						2,125,000		2,125,000
TOTAL							2,125,000		2,125,000

CD denotes Council District

*See attached departmental list for equipment detail.

HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISTION - FY 2024

HONOLULU POLICE DEPARTMENT

<u>Equipment Item</u>	<u>Est Life</u>	<u>Unit(s)</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>
Patrol Police Package Vehicle Utilities - replacement vehicles	10	25	\$ 85,000	\$ 2,125,000	GN	Rep
TOTAL				<u>2,125,000</u>		

Project # Project Title

PUBLIC SAFETY - (Fire Stations and Buildings) - FY 2024 CIP

1998021 FIRE STATION BUILDING IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Fire Station Sewer Improvement, Waimanalo Fire Station	3				250,000	10,000			260,000
2	Fire Station Emergency Vehicle Caution System (EVCS) Upgrade , Kalihi Kai Fire Station	7				350,000	10,000			360,000
3	Apparatus Room Roof Improvements, Aikahi Fire Station	3				400,000	10,000			410,000
4	Festoon Charging System Improvements, Kapolei, Mililani Mauka, Wahiawa, and Waikale Fire Stations	1,2,8				250,000	10,000			260,000
5	Emergency Generator Replacement, Hawaii Kai Fire Station	4				971,000				971,000
6	Driveway Apron Reconstruction, Nuuanu and Palolo Fire Stations	5,6			25,000	100,000	10,000			135,000
7	Asbestos Abatement, Various Fire Stations	99			50,000	150,000				200,000
8	Underground Storage Tank to Aboveground Storage Tank Conversion, Kahuku Fire Station	2			60,000					60,000
9	Emergency Generator Replacement, Waianae Fire Station	1			150,000					150,000
10	Emergency Generator Replacement, Kahaluu Fire Station	2			150,000					150,000
11	Training Tower Improvements, Charles H. Thurston Fire Training Center	7			178,000					178,000
12	Unanticipated Mechanical, Electrical, Plumbing Improvements	99		10,000	10,000	1,806,000	10,000	10,000		1,846,000
TOTAL			0	10,000	623,000	4,277,000	60,000	10,000	0	4,980,000

Project # Project Title

PUBLIC SAFETY - (Honolulu Fire Department NPDES) - FY24 CIP

2007012 HFD NPDES SMALL MS4 PERMIT PROGRAM

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1									
Sunset and Mililani Mauka Fire Station NPDES improvements	2,8			10,000	1,000,000	10,000			1,020,000
TOTAL			-	10,000	1,000,000	10,000	-	-	1,020,000

Project # Project Title

PUBLIC SAFETY - FY24 CIP

2005021 HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION

	CD	Land	Planning	Design	Construction	Inspection	Equipment
Honolulu Fire Department	99						6,731,180
TOTAL							6,731,180

CD denotes Council District

*See attached departmental list for equipment detail.

HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION - PROJECT NO. 2005021

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	Engine Pumper Apparatus	12	3	\$ 1,400,000	\$ 4,200,000	GN (110)	Replace	Fire Operations
2	Aerial Tower Apparatus	15	1	\$ 1,800,000	\$ 1,800,000	GN (110)	Replace	Fire Operations
3	Modular Trailers	25	3	\$ 175,000	\$ 525,000	GN (110)	Replace	Fire Operations
4	1/2 Ton Cargo Van	10	1	\$ 64,000	\$ 64,000	GN (110)	Replace	Administration
5	1 Ton 4 WD Dually with Stake Bed	10	1	\$ 92,180	\$ 92,180	GN (110)	Replace	Training and Research Bureau
6	Forklift	20	1	\$ 50,000	\$ 50,000	GN (110)	Replace	Training and Research Bureau
Total					<u>\$ 6,731,180</u>			

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY24 CIP

1999311 COMPUTERIZED TRAFFIC CONTROL SYSTEM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Broadband and Connected Traffic Signals Project - Wahiawa, West side	HI FG			2,000,000	800,000 3,200,000	80,000 320,000			2,880,000 3,520,000
2	TSVL, Phase 16 - Waianae	HI FG			68,000 270,000					68,000 270,000
3	TSVL, Phase 17 - Maili	HI FG			62,000 250,000					62,000 250,000
					2,650,000	4,000,000	400,000			7,050,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY24 CIP

2020028 OAHU TRAFFIC SIGNAL CONTROLLER MODERNIZATION

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various Locations on Oahu	99 HI				1,000,000	375,000			1,375,000
		FG				4,000,000	1,500,000			5,500,000
	TOTAL					5,000,000	1,875,000			6,875,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY24 CIP

2010030 TRAFFIC ENGINEERING DEVICES AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	TEDVL Phase 3	99				1,000,000	300,000			1,300,000
2	TEDVL Phase 5	99			300,000					300,000
TOTAL			-	-	300,000	1,000,000	300,000	-	-	1,600,000

CD denotes Council District

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY24 CIP

1996306 TRAFFIC IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kalaheo Ave/Kailua Rd Improvements	3				200,000	20,000			220,000
	Contingency	HI								
		FG				800,000	80,000			880,000
2	Mahoe Street Improvements	HI				280,000	20,000			300,000
		FG				1,120,000	80,000			1,200,000
3	Unanticipated Improvements	HI			80,000					80,000
		FG			320,000					320,000
TOTAL			-	-	400,000	2,400,000	200,000	-	-	3,000,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY24 CIP

1999312 TRAFFIC SIGNALS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	TSVL, Phase 18	HI				434,000	108,000	1,000		543,000
		FG				1,734,000	430,000			2,164,000
2	TSVL, Phase 19	HI			37,000					37,000
		FG			150,000					150,000
3	TSVL, Phase 20	HI			63,000					63,000
		FG			250,000					250,000
4	TSVL, Phase 21	HI			63,000					63,000
		FG			250,000					250,000
TOTAL					813,000	2,168,000	538,000	1,000		3,520,000

Project # Project Title

PUBLIC SAFETY - (Flood Control) - FY24 CIP

2000101 FLOOD CONTROL IMPROVEMENTS AT VARIOUS LOCATIONS		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Flood Control Improvements at Various Locations, FY24		10,000	10,000	10,000					30,000
2	Kalauao Stream Improvements					1,500,000	500,000			2,000,000
3	Kapalama Channel Permanent Wall Repairs					2,000,000				2,000,000
TOTAL			10,000	10,000	10,000	3,500,000	500,000	-		4,030,000

CD denotes Council District

Project # Project Title

PUBLIC SAFETY (Other Protection) - FY24 CIP
2017089 OCEAN SAFETY STATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kailua Beach Park Ocean Safety Permanent Facility	3	-	-	5,000	500,000	195,000	-	-	700,000
TOTAL			-	-	5,000	500,000	195,000	-	-	700,000

Project # Project Title

PUBLIC SAFETY - (Other Protection-Miscellaneous) - FY24 CIP

2005002 DRAINAGE OUTFALL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kawainui Stream Flood Control Outlet Improvements	3			200,000			-		200,000
2	Holowai Outfall Improvements		10,000	10,000	200,000	10,000	10,000			240,000
TOTAL			10,000	10,000	400,000	10,000	10,000	-		440,000

Project # Project Title

PUBLIC SAFETY (Other Protection-Miscellaneous) - FY24 CIP

2001154 ROCK SLIDE POTENTIAL INSPECTIONS AND MITIGATIVE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Alewa Drive					1,000,000	100,000			1,100,000
2	Laukahi Street	4	5,000	5,000	140,000					150,000
3	Round Top Drive	6			150,000					150,000
4	Aiea Heights Drive				150,000					150,000
TOTAL			5,000	5,000	440,000	1,000,000	100,000	-	-	1,550,000

Project # Project Title

PUBLIC SAFETY (Other Protection Miscellaneous) - FY24 CIP
2002080 TELECOMMUNICATIONS FACILITIES UPGRADE

		CD	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kawela Site Radio Communications Facilities Improvements	2		10,000	6,500,000	10,000	10,000		6,530,000
2	Fire Suppression System Replacement at Various DIT Computer and Radio Rooms	99		50,000					50,000
TOTAL			-	60,000	6,500,000	10,000	10,000		6,580,000

HIGHWAYS AND STREETS

Project # Project Title

HIGHWAYS AND STREETS (Bikeways and Bikepaths) - FY24 CIP

1979063 BIKEWAY IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Pearl Harbor Historic Trail Improvements	8 BK				300,000	50,000	5,000		355,000
2	Kailua-Lanikai Multi-Use Path	3 BK FG	1,000	1,000	102,000 408,000					104,000 408,000
3	South Shore Bikeway	99 BK FG		600,000 2,400,000						600,000 2,400,000
TOTAL			1,000	3,001,000	510,000	300,000	50,000	5,000	-	3,867,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

1988001 CURB RAMPS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
1	Curb ramp implementation includes requests from the physically impaired and for alteration projects.	99	10,000		100,000	880,000	10,000				1,000,000
TOTAL			10,000	-	100,000	880,000	10,000	-	-	-	1,000,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

1998515 GUARDRAIL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Pupukea Road Hairpin					425,000	100,000			525,000
2	Lilipuna Road - Haunani Place, Paalaa Road Bridge, Kuulauli Street, Kaukonahua Road, Komomai Drive, Kalihi Street - Huea Place	99	10,000		10,000	335,000	10,000			365,000
3	IDIQ	99				200,000	50,000			250,000
TOTAL			10,000		10,000	960,000	160,000	-	-	1,140,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

1997502 REHABILITATION OF STREETS

		Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		11,000	1,991,000	32,001,000	1,001,000			35,004,000

LOCATION	CD	FROM	TO	LANE MILES
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TO BE ADVERTISED/AWARDED

Rehabilitation of Streets, Unit 79 (Alewa)

Alewa Dr	6	Helamano St	Wyllie St	TBD
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Rehabilitation of Streets, Unit 73A (Kam Hwy, Kaneohe)

Anoi Rd	3	Keaahala Rd	Paleka Road	TBD
Haiku Rd	3	Kam Hwy	Kahekili Hwy	TBD
Kamehameha Hwy	3	Likelike Hwy	Haiku Rd	TBD
Keaahala Rd	3	Kamehameha Hwy	Kamau Pl	TBD
Luana Pl	3	Paleka Rd	End	TBD
Mahalani Pl	3	Mahalani St	Puuloko Pl	TBD
Puuloko Pl	3	Mahalani Pl	End	TBD

Rehabilitation of Streets, Unit 92 (Kaneohe Bay Drive Improvements) (Kaimalu Pl - Malae Pl)

Kaneohe Bay Dr	3	Kaimalu Pl	Malae Pl	TBD
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Rehabilitation of Streets, Unit 77 (Pensacola St)

Pensacola St	5	Lunalilo St	Kapiolani Blvd	TBD
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Rehabilitation of Localized Streets, Unit 17 (Lower Wahiawa Area)

Anoni St	2	Kilani Ave	California Ave	TBD
Auhuli Pl	2	California Ave	End	TBD
California Ave	2	Kamehameha Hwy	Kaliponi St	TBD
California Ave	2	Kaliponi St	Anoni St	TBD
California Ave	2	Anoni St	Malulu Pl	TBD
Cypress Ave	2	California Ave	End	TBD
Halakahiki Pl	2	California Ave	End	TBD
Holoku Pl	2	Kilani Ave	End	TBD
Ilima St	2	California Ave	Kilani Ave	TBD
Ilima St	2	Kilani Ave	End	TBD
Imaka Pl	2	Kilani Ave	End	TBD
Kaalalo Pl	2	California Ave	End	TBD
Kaliponi Pl	2	Kaliponi St	End	TBD
Kaliponi St	2	Kilani Ave (West)	Kilani Ave (East)	TBD
Kaliponi St	2	Kilani Ave (Makai)	California Ave	TBD
Kaluhea St	2	Kilani Ave	Lanialii St	TBD
Kilani Ave	2	California Ave	Kaliponi St	TBD
Kilani Ave	2	Kaliponi St	Kamehameha Hwy	TBD
Kilani Pl	2	Kilani Ave	End	TBD

LOCATION	CD	FROM	TO	LANE MILES
Koele Way	2	California Ave	Olive St	TBD
Kukui St	2	Kilani Ave	California Ave	TBD
Lakeview Circle	2	Wilikina Dr	36 Lakeview Cir	TBD
Lakeview Circle	2	36 Lakeview Cir	End Loop	TBD
Lakeview Circle	2	15D Lakeview Cir	14D Lakeview Cir	TBD
Lanialii St	2	Kilani Ave	Kaliponi St	TBD
Lauone Lp	2	Malulu Pl	California Ave	TBD
Lauone Pl	2	Lauone Lp	End	TBD
Lei Aloalo Pl	2	Lei Awapuhi Pl	End	TBD
Lei Awapuhi Pl	2	California Ave	End	TBD
Longley Pl	2	Kilani Ave	End	TBD
Mahele Lp	2	Mahele St	Mahele St	TBD
Mahele St	2	California Ave	Kilani Ave	TBD
Maia St	2	Kilani Ave	End	TBD
Malulu Pl	2	Lauone Lp	End	TBD
Mikimiki Pl	2	California Ave	End	TBD
Milikana Pl	2	Olive Ave	End	TBD
Nihiwai Pl	2	Kilani Ave	End	TBD
Ohai Pl	2	Ohai St	End	TBD
Ohai St	2	Kamehameha Hwy	176 Ohai St	TBD
Ohai St	2	176 Ohai St	Olive Ave	TBD
Ohai St	2	Olive Ave	California Ave	TBD
Olive Ave	2	Cypress Ave End	Kam Hwy	TBD
Palauwili Dr	2	Holoku Pl	Holoku Pl	TBD
Panepoo Pl	2	Kaliponi St	End	TBD

Rehabilitation of Localized Streets, Unit 90 (Nuuanu Ave)

6

Rehabilitation of Streets, Unit 89A (Kapiolani Blvd)

Kapiolani Blvd	5	S King St	Atkinson Dr	TBD
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Rehabilitation of Streets, Unit 89B (Kapiolani Blvd)

Kapiolani Blvd	5	Atkinson Dr	Ward Ave	TBD
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Rehabilitation of Streets, Unit 81 (University Ave)

University Ave	5	Coyne St	Maile Way	TBD
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Rehabilitation of Streets, Unit 73C (Kam Hwy)

Kamehameha Hwy	3	Heeia Boat Harbor	Kahekili Hwy	TBD
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Rehabilitation of Streets, Unit 85A (Laukahi St)

Laukahi St	4	Kalaniana'ole Hwy	Kamole St	TBD
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Rehabilitation of Streets - BWS Kalihi WSI, Part VI (Factory, Waterhouse, Stanley St & Industrial Rd)

Factory St	7	Stanley St	Waterhouse St	TBD
Industrial Rd	7	Waterhouse St	Puuhale Rd	
Stanley St	7	Kopke St	Puuhale Rd	
Waterhouse St	7	Kopke St	Puuhale Rd	

Rehabilitation of Streets, Unit 75 (Houghtaling St and Waiakamilo Rd)

Houghtaling St	6	King St	Hillcrest St	
Waiakamilo Rd	6	King St	Nimitz Hwy	

LOCATION	CD	FROM	TO	LANE MILES
Rehabilitation of Streets, Unit 76A (Kalakaua Ave)				
Kalakaua Ave	4	Olohana St	Monsarrat Ave	
Rehabilitation of Streets, Unit 76B (Kalalaua Ave)				
Kalakaua Ave	5	Beretania St	Ala Wai Blvd	
Rehabilitation of Streets, Unit 76C (Kalalaua Ave)				
Kalakaua Ave	4	Ala Wai Blvd	Poni Moi Rd	
Rehabilitation of Streets, Unit 77 (Pensacola St)				
Pensacola St	5	Lunalilo St	Kapiolani Blvd	
Rehabilitation of Streets, Unit 79 (Alewa Drive)				
Alewa Dr	6	Helemano St	Wyllie St	
Rehabilitation of Localized Streets, Phase 24A (Mililani Mauka - Maikaikai St area, Lehiwa Dr)				
Ailona St	8	Mauka End	Makai End	
Kaapeha St	8	Maikaikai St	Meheula Pkwy	
Kaeolau Pl	8	Haalilo St	End	
Kaeolau Pl	8	Haalilo St	End	
Kololiko St	8	Mauka End	Makai End	
Kowa St	8	Mauka End	Makai End	
Kuahewa St	8	Kowa St	End	
Kuauili St	8	Kaapeha St	End	
Kuena St	8	Mauka End	Makai End	
Kuhea St	8	Mauka End	Makai End	
Lehiwa Dr	8	Mauka End	Makai End	
Maikaikai Pl	8	Maikaikai St	End	
Makaikai St	8	Meheula Pkwy	Kuhea St	
Olilikio St	8	Mauka End	Kuahewa St	
Rehabilitation of Localized Streets, Phase 24B (Mililani Mauka - Ainamakua Dr area)				
TBD	2,9			
TBD	2,9			
Rehabilitation of Streets, Phase 26A (DH & Kapahulu Area)				
4th Ave	4	Waialae Ave	Harding Ave	
4th Ave	4	Mokihana St	Winam St	
6th Ave	5	Palolo Ave	Waialae Ave	
6th Ave	4	Waialae Ave	Harding Ave	
6th Ave	4	Pahoa Ave	Hookipa Way	
10th Ave	4	H 1 Freeway	Waialae Ave	
18th Ave	4	Kilauea Ave	DH Road	
22nd Ave	4	Kilauea Ave	DH Road	
4th Ave	4	Waialae Ave	Mokihana St	
6th Ave	4	Palolo Ave	Harding Ave	
6th Ave	4	Pahoa Dr	Hookipa Way	
Alapali Pl	4	Hibiscus Dr	End	
Black Point Rd	4	Kahala Ave	End	
Campbell Ave	4	Monssarat Ave	Wauke St	
Collins St	4	Campbell Ave	Kepa St	
Harding Ave	4	5th Ave	Luawai St	
Iwalani Pl	4	18th Ave	End	
Kahala Ave	4	Hunakai St	Beach Park Entrance	
Kaimuki Ave	4	Kapahulu Ave	6th Ave	
Kaimuki Ave	4	15th Ave	16th Ave	

LOCATION	CD	FROM	TO	LANE MILES
Kepa St	4	Wauke St	Collins St	
Kilauea Ave	4	Makapuu Ave	3812 Kilauea Ave	
Kilauea Ave	4	Pueo St	H 1 Freeway	
Kilauea Ave	4	3838 Kilauea Ave	Hunakai St	
Kulamanu Pl	4	Kulamanu St	End	
Kulumanu St	4	Kulamanu Pl	Papu Circle	
Malapua Pl	4	22nd Ave	End	
Malia St	4	Kilauea Ave	Ainakoa Ave	
Mokihana St	4	4th Ave	Mooheau St	
Mooheau St	4	Kapahulu Ave	6th Ave	
Moomuku Pl	4	Kalaniana'ole Hwy	End	
Olu St	4	4th Ave	6th Ave	
Pahoa Ave	4	3rd Ave	10th Ave	
Palaoa Pl	4	Diamond Head Rd	End	
Paliuli St	4	4th Ave	Mooheau Ave	
Poni Moi Road	4	Kiele Ave	Diamond Head Rd	
Pueo St	4	Kilauea Ave	Farmers Rd	
Royal Pl	4	Kahala Ave	Royal Circle	
Trosseau St	4	Monsarrat Ave	Wauke St	
Ulupua Pl	4	22nd Ave	End	
Wauke St	4	Campbell Ave	Trousseau St	

Rehabilitation of Streets, Phase 94 (Monsarrat Ave and Diamond Head Road)

Campbell Ave	4	Kapahulu Ave	Monsarrat Ave
Diamond Head Rd	4	Trousseau St	Lighthouse
Kaina St	4	Leahi Ave	Kanaina Ave
Kanaina Ave	4	Monsarrat Ave	End
Leahi Ave	4	Kapahulu Ave	Monsarrat Ave
Monsarrat Ave	4	Kalakaua Ave	Trousseau St

HONOLULU DISTRICT

4th Ave	4	Waialae Ave	Harding Ave	0.341
4th Ave	4	Palima Pl	Mokihana St	0.31
6th Ave	5	Palolo Ave	Waialae Ave	0.836
6th Ave	4	Waialae Ave	Harding Ave	0.295
6th Ave	4	Pahoa Ave	Hookipa Way	0.5
8th Ave	4	1002 8th Ave	End of Cul De Sac	0.04
9th Ave	4	1956 9th Ave	1962 9th Ave	0.05
10th Ave	4	Makanui Pl	Launa Place	0.03
16th Ave	4	1441A	End	0.069
Aha Niu Pl	4	2176 Aha Niu Pl	2212 Aha Niu Pl	0.641
Ahi Pl	6	Pali Hwy	Puumele Pl	0.25
Ahina St	4	Auakai Ave	Ahakea St	0.355
Ahinahina Pl	5	Palolo Ave	End	0.142
Ahipuu St	6	Pali Hwy	Pahoehoe Pl	0.115
Ahui St	6	Pohukaina St	Halekauwila St	0.265
Ainapo Pl	4	Ainapo St	0	0.05
Aipuni St	4	Hao St	End	0.045
Akepo Lane	6	King St	TMK: 1-5-006:021	0.118
Akepo Lane	6	TMK: 1-5-006:0021	Dillingham Blvd	0.042
Akiaki Pl	4	1526 Akiaki Pl	End	0.123
Akilolo Pl	4	Wailupe Circle	Wailupe Circle	0.364
Akone Pl	6	Kalihi St	End	0.195
Ala Aolani Place	7	Ala Aolani St	End	0.453
Ala Aolao Lp	7	Ala Aolani St (makai)	Ala Aolao Pl	0.711
Ala Aolao Lp	7	1539 Ala Aolao Lp	1535 Ala Aolao Lp	0.023
Ala Aolao Lp	7	1557 Ala Aolao Lp	1551 Ala Aolao Lp	0.02

LOCATION	CD	FROM	TO	LANE MILES
Ala Aolua Pl	7	Ala Aolua Lp	End	0.045
Ala Iolani Pl	7	Ala Iolani St	End	0.128
Ala Lani St	7	Ala Aolani St	Ala Lani Pl	0.476
Ala Lani St	7	Ala Lani Pl	Ala Kiao Pl	0.476
Ala Lani St	7	Ala Kiao Pl	Ala Iolani St	0.476
Ala Mahina Pl	7	Ala Aolua Lp	1641Ala Mahina Pl	0.289
Ala Makani Pl	7	Ala Aolua Lp	Ala Makani Way	0.227
Ala Uwila Pl	7	Ala Aolani St	End	0.103
Ala Wai Blvd	4	Kapahulu Ave	Kanekapolei	2.358
Ala Wai Blvd	4	Kanekapolei	Kalakaua Ave	3.912
Ala Wai Bld	4	Kalakaua Ave	End	1.273
Alaeloa St	4	Halekoa Dr	End	0.032
Alapai Street	6	S. King St	S. Beretania	0.417
Alakawa St	6	Nimitz Hwy	Dillingham Blvd	1.576
Alani Drive	5	3680 Alani Dr	Woodlawn Dr	0.958
Alani Drive	5	Woodlawn Dr	Nanihale Pl	0.625
Alewa Drive	6	Wyllie St	Ilima Dr	0.3
Alewa Drive	6	Ilima Dr	Mamalu St	0.38
Alewa Drive	6	Malua Dr	TMK: 1-8-033:010	0.24
Alewa Drive	6	Nanaina Pl	Kualono St	0.05
Anapalau St	4	Kaumakani St	Front of Private Portion	1.295
Anianiku St	6	Auwaiolimu St	End	0.496
Anolani St	4	Anolike St	Anonia St	0.1
Anuu Pl	6	Kalihi St	End	0.129
Apio Lane	6	N. Judd	Kekau Pl	0.173
Artesian St	5	Young St	S. Beretania	0.117
Auwaiolimu St*	5,6	Nehoa St	Lusitana St	2.699
Bannister Place	7	Bannister Pl	Both Ends of T	0.161
Banyan St	6	N. King	Kanoa St	0.24
Beach Road	4	Diamond Hd Rd	End	0.181
Beaumont Woods Pl	5	Paty Dr	End	0.427
Belser St	4	Kaimuki Ave	Lincoln Ave	0.104
Belser St	4	Lincoln Ave	1022 Belser St	0.098
Belser St	4	Harding Ave	End	0.068
N. Beretania St	6	Nuuanu Ave	N. King	6.545
Bertram St	5	End of Concrete Rd	St Louis Dr 2nd Xing	0.915
Bertram St	5	Saint Louis Dr	Peter St	1.224
Bernice St	6	Kalihi St	Kapalama Ave	0.231
Beverly Court	6	Kinau St	End	0.091
Booth Road	6	Pauoa Ave	Polulani Pl	0.89
Borges Lane	6	Liliha St	Kunawai St	0.161
Boxer St	1	Midway Rd	Roosevelt Ave	2.348
Burbank St	6	Wyllie St	Coelho Way	0.171
Captain Cook Ave	6	Alapai	Emerson	0.222
Captain Cook Ave	6	Frear St	Lusitana St	0.682
Carnation Place	4	Iwi Way	Dead End	0.118
Center St	4	Waialae Ave	Highview Pl	0.354
Center St	4	Highview Pl	Sierra Drive	0.313
Coelho Way	6	Pali Hwy	Burbank St	0.17
Coelho Way	6	Burbank St	2452 Burbank St	0.17
Country Club Road	6	Pali Hwy	Anderson Pl	0.3
Curtis St	6	Kawaiahao St	Kapiolani Blvd	0.191
Diamond Head Road	4	Trousseau St	Lighthouse	0.859
Dillingham Blvd	7	King St	Puuhale Rd	0.4458
Dole St	5	St. Louis Dr	Wilder Ave	1.3
Dowsett Ave	6	Pali Hwy	Pali Hwy	1.091
Ehupua Pl	4	Ohialoke St	End	0.102
Factory St	7	Waterhouse St	Stanley St	0.04
Frear St	6	Magellan Ave	End	0.126
Gretchen Lane	6	Robinson Ln	End	0.041

LOCATION	CD	FROM	TO	LANE MILES
Haena Drive	5	McKinley St	Hunnewell St	0.162
Halelea Place	5	University Ave	End	0.067
Halekoa Pl	4	Halekoa Dr	End	0.205
Hale Makai St	6	S. Hotel St	S. Beretania St	0.163
Halekauwila St	6	Ward Ave	Cooke St	0.75
Halekauwila St	6	Cooke St	South St	0.982
Halekauwila St	6	South St	Punchbowl	0.45
Halekauwila St	6	Punchbowl St	Richards St	0.716
Haleola St	4	Halemaumau St	Hawaii Loa St	0.055
Haena Drive	5	McKinley St	Hunnewell St	0.162
Halulu Way	5	Oahu ave	Hunnewell St	0.077
Hauiki St	6	N. School St	Kino St	0.476
Herman St	5	St Louis Dr	Alencastre St	0.18
Helo Place	5	Kuaheha St	End	0.047
Hema Pl	4	Hao St	End	0.042
Hinalo Pl	6	Pali Hwy	End	0.048
Hikina Lane	6	N. King St	End	0.119
Hind Iuka Dr*	4	Mona St	End	2.093
Hoanoho Pl	5	Palolo Ave	Concrete Section	0.081
Hobron Lane*	4	150' Mauka Ala Moana	Ena Rd	0.28
Hobron Lane	4	End of ABC Store	Kaioo Dr	0.0651
Hobron Lane	4	Kaioo Dr	Kaioo Dr	0.1767
Hobron Lane	4	Kaioo Dr	Lipeepee St	0.1152
Hobron Lane	4	Kaioo Dr	Ala Moana Blvd	0.311
Holona Pl	6	Dowsett Ave	End	0.608
Hookipa Way	4	Kaimuki Ave	6th Ave	0.099
Huli St	6	N. Kuakini St	Huna	0.126
Huna st	6	S. Kuakini St	Huli	0.085
Ihiloa Pl	4	Ihiloa Lp	End	0.077
Iholena Pl	4	814 Iholena Pl	End	0.03
Ilalo Street	6	Keawe St	Ohe St	0.98
Ilalo Street	6	Ohe St	Koula St	0.235
Ilalo Street	6	Koula St	Ahui St	0.29
Ilalo Street	6	Ahui St	Ala Moana Blvd	0.587
Industrial Rd	7	Waterhouse St	Puuahale Rd	0.067
Iolani Ave	6	Lusitana St	Alapai St	1.031
Isenberg St	5	Bingham St	Beretania St	0.167
Isenberg St	5	Beretania St	S. King St	0.54
Isenberg St	5	S. King St	Young St	2.196
Iwilei Road	6	N. King St	Nimitz	0.71
Jack Lane	6	Pali Hwy	Luakini Pl	0.497
Jasmine St	5	Carlos Long	Poinciana Pl	0.12
Kaaahi Pl	6	Kaaahi St	End	0.068
Kaaahi St	6	Dillingham Blvd	End	0.43
Kaalawai Pl	4	Diamond Head Rd	End	0.136
Kaamahu Pl	6	Kaaahi St	End	0.114
Kaauwai Pl	6	Halona St	End	0.133
Kaia St	6	Kanealii Ave	Pauoa Rd	0.232
Kaia St	6	227-229 Kaia St	End	0.029
Kaimuki Ave	4	Kaimuki Ave	6th Ave	0.9
Kaimuki Ave	4	Kapahulu Ave	Belser St	0.269
Kaimuki Ave	4	Belser St	3rd Ave	0.094
Kaimuki Ave	4	3rd Ave	4th Ave	0.153
Kaimuki Ave	4	4th Ave	5th Ave	0.189
Kakela Drive	5	Rocky Hill Pl	Kakela Iki Pl	0.085
Kakela Place	5	Kakela Pl	Kakela Drive	0.626
Kakela Iki Place	5	Kakela Iki Pl	Kakela Drive	0.446
Kalaipoua Place	5	Tantalus Drive	Sta 3 +00	0.057
Kalaipoua Place	5	From Sta 3 + 00	End	0.112
Kalakaua Ave	5	Beretania St	King St	0.577

LOCATION	CD	FROM	TO	LANE MILES
Kalakaua Ave	5	King St	Ala Wai Blvd	3.1
Kalakaua Ave	4	Saratoga Rd	Kaiulani Ave	5.227
Kalakaua Ave	4	Kaiulani Ave	Kapahulu Ave	2.727
Kalakaua Ave	4	Kapahulu Ave	Monsarrat Ave	0.568
Kalakaua Ave	4	Monsarrat Ave	Poni Moi Rd	6.636
Kalakaua Ave	4	Ala Wai Blvd	Kapiolani Blvd	0.023
Kalakaua Ave*	4	Ala Wai Blvd	Saratoga	2.382
Kalani St	7	Waiaakamilo Rd	Kohou St	0.455
Kalaauokalani Way	5	Makaloa St	Kapiolani Blvd	0.54
Kalele Road	5	Waialae Ave	Lower Campus Road	0.013
Kalihi St	6	2752 A Kalihi St	2752 E Kalihi St	0.11
Kaloa Way	5	McKinley St	Damon St	0.116
Kaluhikai Lane	6	N. Kuukini St	End	0.08
Kam Hwy	7	100' Kokohead Kalihi Stream	Laumaka St	0.936
Kam Hwy	7	Laumaka St	506' ewa of Puuhale Rd	0.199
Kalaloa Street	7	Kam Hwy	Kohomua St	0.52
Kalani St	7	Puuhale Rd	Kalihi St	0.639
Kalani St	7	Waiaakamilo Rd	Kohou St	0.455
Kalapaki St	4	Wainiha St	Lunalilo Home Rd	0.927
Kalihi St	6	Auiki St	Nimitz Hwy	1.619
Kalihi St	6	2752 Kalihi St	End	0.05
Kaloa Way	5	McKinley St	Damon St	0.106
Kaloaluliki St	5	Kaloaluliki Pl	Kalehua St	0.48
Kalua Road	5	Palolo Ave	Mahana St	0.1
Kamaile St	5	Piikoi St	Pensacola St	0.233
Kamakee St	5	Ala Moana Bld	Queen St	0.801
Kamakee St	5	Queen St	Waimanu St	0.467
Kamakee St	5	Waimanu St	Kapiolani Blvd	0.152
Kam Hwy	7	Kalihi St Bridge		1.135
Kanau St	4	Halemaumau St	Haleola St	0.443
Kapahulu Ave	4	Leahi Ave	Ala Wai Blvd	0.96
Kapili St	4	Tusitila St	Cleghorn St	0.064
Kapiolani Blvd	6	Drier Street	Ward Ave	0.333
Kapuni St	4	Cleghorn St	Kuhio Ave	0.08
Kauluwela Pl	6	Liliha St	End	0.213
Kaumualii St	7	Waikamilo Rd	Kohou St	0.682
Kawaiahao St	6	King St	Emily St	0.455
Kawaiahao St	6	Emily St	Cooke St	0.205
Kealamakai St	6	S. Hotel St	S. King St	0.136
Keeaumoku St	5	Kinau St	Kapiolani Blvd	3.204
Keeaumoku St	5	Kapiolani Blvd	S. King St	2.386
Keeaumoku St	5	S. King St	Kinau St	0.818
Keeaumoku St	5	Kinau St	Kapiolani Blvd	3.204
Keeaumoku St	5	Kaihee St	Wilder Ave	0.341
Keeaumoku St	5	Wilder Ave	Nehoa St	1.05
Keeaumoku St	5	Nehoa St	Keeaumoku Pl	0.36
Keawe St	6	Queen St	Ala Moana Blvd	1.256
Keawe St	6	Ala Moana Blvd	Ilalo Street	0.239
Kemole Lane	5	King St	Beretania St	0.127
Kinalau Pl	6	Ward Ave	End	0.311
Kirkwood Pl	4	Kirkwood St	End	0.215
Kohou St	7	Mookaula Street	Dillingham Blvd	1.33
Kohou St	7	Mookaula Street	N King St	0.222
Kopke St	7	Wilcox Lane	Stanley St	0.114
Kopke St	7	Stanley St	Pacheco St	0.485
Kokea St	6	Dillingham Blvd	King St	0.688
Kona St	5	1163 Kona St	Piikoi St	0.401
Karatti Lane	5	Pensacola	End	0.043
Kuhio Ave	4	Lewers	Nohonani St	0.18
Kuhio Ave	4	Nohonani St	Kapahulu Ave	0.69

LOCATION	CD	FROM	TO	LANE MILES
Kuikele Pl	6	Kuikele St	End	0.068
Kumulani St	5	Kumu St	End	0.123
Lanihuli Drive	5	Manoa Road	Kamehameha Ave	0.525
Laniloa Rd	6	2742 Laniloa Rd	2748 Laniloa Rd	0.033
Laukahi St	4	Kalaniana'ole Hwy	Kamole St	1.37
Laula Way	5	Elm St	Rycroft St	0.152
Lawelawe Pl	4	Lawelawe St	End	0.069
Leahi Ave	4	Kapahulu Ave	Monsarrat Ave	0.852
Lihipali Pl	4	Halekoa Dr	End	0.058
Liholiho St	5	Lunalilo St	Wilder Ave	0.478
Likini Place	7	Likini St	Salt Lake Blvd	0.095
Likini St	7	Ala Lili'oi St	Wanaka St	2.497
Likini St	7	Wanaka St mauka	Wanaka St makai	3.145
Likini St	7	Wanaka St makai	End 3350 Likini St	1.439
Likini St	7	Likini St Round	About Ala Lili'oi Inter	0.58
Leilani St	6	Lohilani St	School St	0.39
Leilani St	6	School St	Owawa St	0.208
Lipeeppee St	4	Ala Wai Blvd	Hobron	0.136
Lipeeppee St	4	Hobron Ln	Ena Rd	0.136
Lipioma Way	5	Mohala Way	Beckwith St	0.177
Loke Place	5	Palolo Ave	End	0.129
Lokelani St	6	Hauiki St	End	0.119
Lower Rd	5	3210 A	Lower Rd End	1.042
Lowrey Ave	5	Manoa Road	E. Manoa Rd	0.756
Lusitana St	6	Punchbowl	Miller	0.495
Maemae Lane	6	Wyllie St	Kawananakoa Pl	0.183
Mahalo St	6	Judd St	Eheu St	0.548
Mahana St	5	1847 Mahana St	End	0.09
Makiki Street	5	Fronting 2064 Makiki St	Makiki Pl	0.03
Makalei Pl	4	Diamond Hd Rd	End	0.31
Makuahine St	6	Likelike Hwy	School St	1.903
Makuakane Pl	6	Makuakane St	End	0.064
Makuakane St	6	Makuakane St	1841 Makuakane St	0.326
Malia St	4	Kilauea Ave	Ainakoa Ave	1.265
Maluna St	7	Salt Lake Blvd	Likini St	0.54
Manauwea St	4	Opihi St	E. Hind Dr	0.134
Manaiki Pl	6	Kalihi St	End	0.288
Mapu Lane	6	Liliha St	Dead End	0.105
Marques St	5	Metcalf St	Seaview Ave	0.091
Marques St	5	Seaview -Vancouver	State Paper Road	0.91
Makanani Dr	4	Skyline Dr	Lolena Pl	0.257
Makuahine Pl	6	Makuahine St	End	0.156
Matlock Ave	5	Piikoi St	Keeaumoku St	0.492
Matzie Lane	6	Auld Lane	End	0.059
Mauna Pl	5	2140 Mauna Pl	End	0.085
Maunalani Circle	4	Sierra Dr	Loop	1.042
Merkle St	6	Nihi St	Ewa Stream Dead End	0.053
Merkle St	6	Stream dead End	Kamanaiki St	0.116
Metcalf St	5	University Ave	Hoonanea St	0.774
Metcalf St	5	Hoonanea St	Dole St	0.675
Middle St	6,7	Kaua St	Notley St	1.595
Miller St	6	Punchbowl St	Vineyard Blvd	0.2
Miller St	6	Vineyard Blvd	Lusitana St	0.036
Miller St	6	Lusitana St	End of concrete section	0.083
Miller St	6	Magellan Ave	Prospect St	0.235
Mission Lane	6	Kawaihao St	Queen St	0.208
Mokauea St	7	King St	Dillingham Blvd	2.076
Monsarrat Ave	4	Kalakaua Ave	Paki Ave	1.255
Monsarrat Ave	4	Paki Ave	Leahi Ave	0.136
Monsarrat Ave	4	Leahi Ave	Campbell Ave	0.955

LOCATION	CD	FROM	TO	LANE MILES
Monsarrat Ave	4	Campbell Ave	Trosseau St	0.818
Moowaa St	7	Moonui St	Kaumualii St	0.842
Mona St	4	Hind Iuka St	End	0.764
Murphy St	6	Kamaiki St	Nihi St	0.111
Murphy St	6	Nihi St	End	0.135
N Beretania St	6	Nuuanu Ave	N King St	6.545
N. Hotel St	6	N King St	Nuuanu Ave	0.745
N. Judd	6	544 N. Judd	552 N. Judd	0.066
N. King St	7	Ola Lane	Kalihi St	3.614
N. King St	7	Kalihi St	Houghtailing St	3.614
N. King St	6,7	Houghtailing St	Palama St	3.409
N. King St	6	Palama St	Liliha St	1.705
N. King St	6	Liliha St	River St	1.722
N. King St	6	River St	Nuuanu Ave	1.364
N King St*	6	Peterson St	River St	3.427
N. School St	6	2476-2470	School St to end	0.053
N. School St	6	Notley St	Liliha St	5.462
N. School St	6	Liliha St	Aala St(nuuanu stream)	1.011
N. School St	6	Aala Stream (Nuuanu Stream)	Nuuanu Ave	0.701
Nanihale Pl	5	Alani Dr	2927 Nanihale Pl	0.046
Naio St	6	Kealia Dr	Houghtailing St	0.45
Naopala Lane	7	N. King St	Akina St	0.108
Nehoa St	5	Prospect St	Punahou St	3.188
Nehoa St	5	Lewalani Dr	Mott Smith Dr	0.29
Nehoa St	5	Mott Smith Dr	Keeaumoku St	0.966
Nehoa St*	5	Prospect St	Punahou St	3.188
Niele Pl	4	Nioi Pl	End	0.143
Nuuanu Ave	6	School St	380' makai of Wyllie St	4.09
Nuuanu Ave	6	Judd St	2334 Nuuanu Ave	2
Nuuanu Ave	6	3409 Nuuanu Ave	3509 Nuuanu Ave	
Nuuanu Pali Dr	6	3409 Nuuanu Pali Dr	3509 Nuuanu Pali Dr	
Oio Drive	4	W. Hind Dr	W. Hind Dr	1.061
Olohana St	4	Ala Wai Blvd	Kuhio Ave	0.301
Olohana St	4	Kuhio Ave	Kalakaua Ave	0.135
Opihi St	4	Manauwea St	E. Hind Dr	0.895
Orchid Street	5	Palolo Ave	Ginger St	0.31
Owen St	7	N. King St	End	0.106
Paiko Dr	4	Kalaniana'ole Hwy	End	0.468
Paki Ave	4	Kapahulu Ave	Ala Wai Blvd	0.128
Paki Ave	4	Kapahulu Ave	Monsarrat Ave	0.739
Paki Ave	4	Monsarrat Ave	Ala Wai Blvd	0.867
Palaaui St	4	Ihiloa Lp	Laukahi St	0.454
Palaoie Pl	4	Poola St	End	0.027
Papalalo Pl	4	Kealahou St	Mauka End	0.327
Papahehi Pl	4	Kuliouou Rd	End	0.522
Palipaa Pl	4	Halekoa Dr	End	0.087
Palolo Ave	5	10th Ave (Waiomao Stream)	Orchid St	0.852
Palolo Ave	5	Orchid St	Kalua St	2.523
Palolo Ave	5	Kalua St	Waialae Ave	3.384
Paoakalani Ave	4	Cartwright Rd	Ala Wai Blvd	0.483
Pawaa Lane	5	Young St	Beretania St	0.19
Pele St	6	Magellan Ave	Prospect St	0.119
Pele St	6	Lusitana St	H-1 Freeway	0.088
Pelekane St	6	Dowsett Ave	Kaohinani Dr	0.24
Pensacola St	5	Nehoa St	Beretania St	2.5
Pensacola St	5	Beretania St	Waimanu St	3.606
Pensacola St	5	Kapiolani Blvd	Hoolai St	0.15
Pia St	4	Halemaumau St	Hawaii Loa St	0.4
Pia St	4	Halemaumau St	Haleola St	0.318
Piikoi Pl	5	Piikoi St	End	0.098

LOCATION	CD	FROM	TO	LANE MILES
Piikoi St*	5	Ala Moana Blvd	Kapiolani Blvd	1.803
Piikoi St	5	Kapiolani Blvd	King St	2.339
Piikoi St*	5	King St	Matlock St	1.723
Piikoi St	5	Lunalilo St	Wilder Ave	1.136
Piikoi St	5	Wilder Ave	Pensacola St	0.909
Pililani Pl	5	Mott Smith Dr	Dead End	0.74
Pinao St	5	Pinao Pl	Pipa Pl	0.31
Pinao St	5	Pawaina St	Pawaina St	0.109
Pumehana St	5	Kapiolani Blvd	King St	0.739
Puanani Lane	7	Richard Lane	Puanani Lane	0.819
Puuhale Road	7	Dillingham Blvd	Colburn St	0.342
Robello Lane	6	N King St	End	0.345
Round Top Drive*	5	Tantalus Drive	Makiki St	10.5
Rycroft St	5	Keeaumoku St	Kaheka St	0.532
Rycroft St	5	Keeaumoku St	Pensacola St	0.891
S. Beretania St	6	Alapai St	Hale Makai St	25.09
S. King Street	5,6	Alapai St	Piikoi St	4.462
S. King Street	5	Piikoi St	Kalakaua Ave	3.17
S. King Street	5	Kalakaua Ave	McCully	3.011
S. King Street	5	McCully St	University Ave	3.636
S. King Street	5	University Ave	Waiaka Rd	1.477
Saratoga Rd*	4	Kalakaua Ave	Kalia Rd	0.932
Seaview Ave	5	Marques St	University Ave	0.356
Seaview Rise	5	Woodlawn Dr	Paty Dr	0.284
Sheridan St	5	Rycroft St	S. King St	0.745
Sierra Drive	4	Waiialae Ave	Kokohead Ave	0.792
Sierra Drive	4	Kokohead Ave	Maunalani Cir	4.168
Sonoma Pl	5	Sonoma St	End	0.177
South St	6	Ala Moana Blvd	Auahi St	2
South St	6	Auahi St	Pohukaina St	1.818
South St	6	Pohukaina St	Reed Lane	0.44
South St	6	Reed Lane	Halekauwila St	0.43
South St	6	Halekauwila St	Quinn Lane	0.34
South St	6	Quinn Lane	Queen St	0.72
South St	6	Queen St	S. King St	0.23
Stanley St	7	Puuhale Rd	Kopke St	0.212
Tantalus Drive	5	Round Top Dr	Kanaha Stream	9.87
Tusitala St	4	Kaiulani Ave	Kapili St	0.167
Uhi Pl	4	Halekoa Dr	End	0.061
University Ave	5	Hihiwai (makai End)	Kapiolani Blvd	0.876
University Ave	5	Kapiolani Blvd	King St	2.715
University Ave	5	Date St	Coyne St	2.035
University Ave	5	King St	Maile Way	4.115
University Ave	5	Maile Way	Oahu Ave	0.833
University Ave	5	Oahu Ave	E Manoa Rd	0.17
University Ave	5	Serves 2367	Rd off Univer. End	0.08
University Ave	5	Coyne St	150' Mauka of Varsity Pl	0.483
				July/Aug 2017
Vineyard St	6	Queen Emma St	End	0.541
Wahine Pl	6	Kalihi St	End	0.078
Waikahalulu Lane	6	School St	End	0.205
Waikamilo Rd	7	N. King St	Dillingham Blvd	2.7
Waikamilo Rd	7	Dillingham Blvd	Hart	1.5
Waikamilo Rd	7	Hart St	Nimitz Hwy	0.301
Wailupe Circle	4	Kalaniana'ole Hwy	Ni'uhi St	1.778
Waimanu St	6	Dreier St	Ward Ave	0.6
Waimanu St	5	Kamakee St	Pensacola St	0.682
Wamanu St	5	Pensacola St	Piikoi St	0.587
Walea Pl*	6	654 Walea St	End	0.138
Walu Way	5	Kamehameha Ave	Kaala Street	0.15

LOCATION	CD	FROM	TO	LANE MILES
Waterhouse St	7	Puuhale St	Kopke St	0.4
Wilcox Lane	7	Gulick Ave	Bannister St	0.0592
Wilder Ave*	5	Punahou St	Artesian Way	0.357
Young St	5	Pensacola St	Piikoi St	2.737
Vancouver Dr	5	University Ave	Ebd (Punahou by gate)	648
Vancouver Pl	5	End of C/R	End	0.026
Villa Lane	5	Young St	S. Beretania St	0.053
Violet St	6	Kamanaiki St	End	0.082
Vineyard St*	6	Queen Emma St	End	0.541
				983.991

PEARL CITY DISTRICT

Aiki St	9	Kupuna Lp	Loaa St	0.691
Alana St	9	Orrick St	Burke St	0.2
Alanui Mauka Pl	9	Alanui Mauka St	End	0.072
Alanui Mauka St	9	Park Row	Alanui Mauka Pl	0.6
Ana Lane	9	Waipahu St	End	0.091
Apai Pl	9	North Rd	End	0.091
Awaawahea Pl	1	Paakai St	End	0.124
Awaawahea Way	1	Awaawahea Pl	End	0.093
Bond St	9	Renton	Malako St	0.8
Bryan St	9	Pepper Row	Pipeline St	0.4
Burke St	9	Wili St	Pahiki St	0.6
Garton St	9	Park Row	Alaiki St	0.2
Halemano St	9	Bond St	Tenney St	0.1
Hapapa Pl	9	Hapapa St	Mahoe St	0.883
Hapua St	9	Park Row	Bond	0.4
Haumea St	1	Uluohia St	Wakea St	0.511
Hinu Pl	8	Noelani St	End	0.143
Hoochaku St	8	Hoolalea St	Hoochaku Pl	0.123
Hoochaku St	8	Hoochaku Pl	Hoomoe St	0.481
Hoochaku St	8	Hoomoe St	1545 Hoochaku St	0.313
Hoochaku St	8	1551 Hoochaku St	End	0.084
Hoochai St	8	Hoolana St	Hookena St	1.461
Hoochai St	8	Hookena St	Hoomoana St	1.83
Hoochale St	8	Hoomalu St	Hoochulu St	0.208
Hoochalia St	8	Komo Mai Dr	Hoolana St	0.33
Hoochalike St	8	Hoomoana St	Hoocheno St	0.113
Hoochalike St	8	Hoocheno St	End	0.105
Hoochana Pl	8	Hoomoana St	End	0.056
Hoocheno Pl	8	Hoocheno St	End	0.08
Hoocheno St	8	1717 Hoocheno St	Hoolana St	0.232
Hoocheno St	8	Hoolana St	Hoocheno Pl	0.106
Hoocheno St	8	Hoocheno Pl	Hoochalike St	0.188
Hoochiamoe St	8	Hookanike St	Hooia	0.409
Hoochie Pl	8	Hoomoana St	End	0.045
Hoochoa Pl	8	715 Hoochoa Pl	710 Hoochoa Pl	0.019
Hoochoihoi St	8	Hoomoana St	End	0.886
Hoochonua St	8	Hoochiki St	Hoochiki St	1.008
Hoochuali Pl	8	Noelani St	End	0.12
Hoochui St	8	Hoochale St	Hoochulu St	0.777
Hoochulu Pl	8	Hoochulu St	End	0.18
Hooiki St	8	Hoomalu St	Hoochulu St	0.17
Hooikaika Pl*	8	Hoochulu St	End	0.091
Hookahe Pl	9	Paihiki St	End	0.2
Hookahua St	8	Hoomoana St	Hoochai St	0.273
Hookani St	8	Hoonipo St	Hoopai St	0.398
Hookano St*	8	Hookala St	Nanakai St	0.17
Hookena St	8	Hoochai St	Hoomalolo St	0.102

LOCATION	CD	FROM	TO	LANE MILES
Hoolana St	8	Hoomaemae St	Hoomoana St	1.29
Hoolana St	8	Hoomoana St	Hoohalia St	0.173
Hoolana St	8	Hoohalia St	Hooheno St	0.158
Hoolana St	8	Hooheno St	Hoohai St	0.16
Hoolana St	8	Hoohai St	Hoolana Pl	0.156
Hoolana St	8	Hoolana Pl	Waimano Home Rd	0.087
Hoolana Pl	8	Hoolana St	End	0.25
Hoolauna St*	8	Hookala St	Wahinani St	0.256
Hoolehua St	8	Komo Mai Dr	Huikahi St	0.182
Hoolehua St	8	Huikahi St	Huaono Pl	0.14
Hoolehua St	8	Huaono Pl	Hoomalimali St	0.644
Hoolehua St	8	Hoomalimali St	Hoomaemae St	0.097
Hoolele St	8	Hoolaulea St	Hoowae St	0.103
Hoolele St	8	Hoowae St	Hoomalolo St	0.257
Hooluu St	8	Hoonipo St	Hoolaulea St	0.386
Hoomaemae St*	8	Waimano Home Rd	Hoolaulea St	0.92
Hoomalimali St	8	Hoolehua St	Hoonipo St	0.113
Hoomalimali St	8	Hoonipo St	Hoolaulea St	0.453
Hoomalolo St	8	Hoomoana St	Hoolele St	0.111
Hoomalolo St	8	Hoolele St	Hoowae St	0.12
Hoomalolo St	8	Hoowae St	Hoolaulea St	0.118
Hoomalu St*	8	Hoohale St	Noelani St	0.116
Hoomalu St	8	Moanalua Rd	Hooiki St	1.533
Hoomalu St	8	Hooiki St	Komo Mai Dr	0.511
Hoomalu St	8	Komo Mai Dr	Hoohulu St	0.318
Hoomalule Pl	9	Hoowalea St	336 Hoomalule Pl	0.152
Hoomoana Pl	8	Hoomoana St	End	0.205
Hoomoana Way	8	Hoomoana Pl	End	0.045
Hoomoe St	8	Hoolaulea St	Hoomoe Pl	0.105
Hoomoe St	8	Hoomoe Pl	Hoohaku St	0.046
Hoonipo St	8	Huikahi St	Hookani St	0.187
Hoonipo St	8	Hookani St	Hoopai St	0.364
Hoonipo St	8	Hoopai St	Hooluu St	0.11
Hoonipo St	8	Hooluu St	Hoomalimali St	0.102
Hoopai St	8	Hoonipo St	Hookani St	0.101
Hoopai St	8	Hookani St	Hoopai Pl	0.115
Hoopai St	8	Hoopai Pl	Hoolaulea St	0.136
Hoou Pl	8	Komo Mai Dr	End	0.22
Hoowali St	8	Hoomalu St	Wahinani St	0.36
Hualau Pl	8	Hoolaulea St	End	0.057
Kalakoa St	8	Kam Hwy	Kohomua St	0.15
Kalauipo St	8	Kaweloka St	Kalai Pl	0.11
Kalauipo St	8	Kalai Pl	Palimoi St	0.126
Kalauipo St	8	Palimoi St	Kuahaka St	0.103
Kalauipo St	8	Kuahaka St	Paaaina St	0.073
Kalauipo St	8	Paaaina St	Hoomoana St	0.338
Kalauipo St	8	Ho'omoana St	Leomele St	0.386
Kalauipo St	8	Leomele St	Kaweloka St	0.414
Kamahao Pl	8	Kamahao St	End	0.136
Kamahao St	8	Hookanike St	Noelani St	0.758
Kau St*	8	Ukee St	End	0.439
Kaweloka St	8	Kanihi St	Kaweloka St	0.113
Kaweloka St	8	Palamoi St	Kanihi Street	2.572
Kaweloka Pl	8	Kaweloka St	End	0.068
Kehela Pl	2	Kehela St	End	0.24
Koahehe Pl	8	Noelani St	Fwy End	0.275
Kokole St	1	Palailai St	End	0.237
Kuahaka Street	8	Kaweloka Street	Hooli Circle	0.736
Kuali St	9	Burke St	Orrick St	0.2
Lehu St	9	Burke St	Orrick St	0.2

LOCATION	CD	FROM	TO	LANE MILES
Luahine St	9	Burke St	Orrick St	0.2
Luehu St	8	Waimano Home Rd	Aikoo Pl	0.264
Luehu St	8	Aikoo Pl	Luehu Pl	0.07
Luehu St	8	Luehu Pl	Kanaeha Pl	0.072
Luehu St	8	Kanaeha Pl	Inia Pl	0.229
Luehu St	8	Inia Pl	End	0.109
Luluka St	9	Bond St	Tenney St	0.1
Lunanui St	9	Pohakulepo St	Pipeline St	0.2
Mahamoe St	9	Burke St	Orrick St	0.2
Mahoe St	9	Waipahu St	Halelehu St	1.165
Makamua St	8	Noelani St	Anakole St	0.142
Makamua St	8	Anakole St	1589 Makamua St	0.104
Makamua St	8	1589 Makamua St	Hoomoana St	0.085
Makamua St	8	Hoomoana St	Kaleilani St	0.112
Makamua St	8	Kaleilani St	Upalu St	0.12
Makamua St	8	Upalu St	Leomele St	0.086
Makamua St	8	Leomele St	Makamua Pl	0.084
Makamua St	8	Makamua Pl	Kaleilani St	0.09
Makamua St	8	Kaleilani St	Noelani St	0.089
Makou Pl	2	Kime St	End	0.052
Malakeke St	9	Waipahu St	Manager's Drive	0.883
Nale St	9	Bond St	Tenney St	0.07
Noelani Pl	9	Noelani St	End	0.161
Oi Pl	1	Paala Lp	End	0.068
Oha St	9	Bond St	Tenney St	0.1
Orrick St	9	Renton Rd	Malako St	0.8
Paaaina St	9	Kalauiipo St	Paaaina Pl	0.105
Paaaina St	9	Paaaina St	Noelani St	0.12
Paaaina St	9	Noelani St	Palamoi St	0.235
Paaaina Pl	9	Paaaina St	End	0.125
Paaniana St	9	Park Row	Bond St	0.4
Paheahea St	9	Hapua St	Nale St	0.2
Paaniana St	9	Paaniana St	Paeheulu St	0.4
Paeheulu St	9	Bond St	Paheahea St	0.3
Pahiki St	9	Orrick St	Bond St	0.2
Paiwa St	9	Hiapo St	Hina St	0.175
Palamoi St	8	Paakamaa St	Panee St	0.45
Palamoi St	8	Panee St	Kalauiipo St	0.111
Palamoi St	8	Kalauiipo St	Kaweloka St	0.175
Palamoi St	8	Kaweloka St	Kuahaka St	0.484
Palamoi St	8	Kuahaka St	Paaaina St	0.111
Palamoi St	8	Paaaina St	1940 Palamoi St	0.174
Palekaiko St	8	Kuahaka St	Hooli Circle	0.636
Panee Street	8	Kaweloka Street	Palamoi St	0.307
Pepper Row	9	Renton Rd	End	0.4
Pualu St	9	Burke St	Orrick St	0.2
Pupuhi St	8	Ukee St	End	0.455
Sisal St	9	Alaiki St	Park Row	0.2
Tenney St	9	Renton Rd	Malako St	0.8
Uluhuh St	9	Burke St	Orrick St	0.2
Uluohia St	1	Kamokila Blvd	Haumea St	0.342
Uluohia St	1	Haumea St	1000 Uluohia St	0.625
Uluohia St	1	Kamaaha Ave	25' Curb Return	0.088
Waihona Street	8	Kam Hwy	End	7.4
Waimano Home Rd	8	Moanalua Rd	Komo Mai Dr	3.182
Waipahu Deopt St	9	Waipahu St	Farrington Hwy	0.411
Wainihi St	8	Waiamakua Dr	Kipapa Dr	52.854
Wili St	9	Burke St	Orrick St	0.2
				90.061

LOCATION	CD	FROM	TO	LANE MILES
WAHIAWA DISTRICT AREA				
MILILANI				
Ahohui St	8	Hoahui St	Halekua St	0.139
Ahoka St	8	Lehiwa St	Kemu Pl	0.45
Ahoka St	8	Kemu Pl	Kapanoe St	0.45
Ahoka St	8	Lehiwa Dr	Hulumoa Pl	0.056
Ahoka St	8	Ahokele St	Lehiwa Dr	0.317
Ahokele St*	8	Meheula Pkwy	Anuanu St	0.522
Ahokele St*	8	Anuanu St	End	0.199
Aliana St	2	Halepahu St	Mahelu St	0.119
Ailana St	2	Mahelu St	End	0.258
Anopili St	8	Mahelu St	End	0.147
Anuanu Pl	8	Anuanu St	End	0.273
Haalilo St	8	Lehiwa Dr	End	0.47
Hainole Pl*	8	Kapanoe St	225 Hainole Pl	0.148
Halekua Pl	8	Halekua St	End	0.092
Halelau Pl	8	Anuanu St	End	0.155
Hauone Pl	8	Iana St	End	0.066
Hoahui St	8	Ahohui St	End	0.306
Hookelewaa St	8	Kipapa Dr	Meheula Pkwy	0.462
Hoolu St	8	Laipu St	Koolani Dr	0.314
Kaapeha St*	8	Makaikai St	Meheula Pkwy	1.03
Kaapeha St*	8	Meheula Parkwy	Auina St	0.348
Kaeolau Pl*	8	Haalilo St	End	0.236
Kaeolau Way*	8	Kaeolau Pl	End	0.057
Kahakuhi St	8	Hehina St	End	0.491
Kahele St	8	Hoailona St	Aelike St	0.24
Kalaepaa Drive	6	Kalihi St	Loop	0.761
Kapanoe Pl*	8	Kapanoe St	End	0.345
Kapanoe St	8	1000 Kapanoe St	Ahoka St	0.423
Kapanoe St	8	Ahoka St	Meheula Pkwy	0.273
Kapanoe St	8	Meheula Pkwy	1202 Kapanoe St	0.934
Kelakela Pl	8	Kelakela Pl	End	0.061
Kelakela St	8	Melekomo St	Ukuwai St	0.41
Kelakela St	8	Ukuwai St	Hoolu St	0.535
Kelakela St	8	Hoolu St	1124 Kelakela St	0.173
Keni Pl	8	Keni St	End	0.048
Keni St	8	Kapanoe St	1066 Keni St	19
Kihene St	8	Kaiawe St	95-1002 Kihene St	0.276
Kihene St	8	Kaiawe St	Kaiahea St	0.355
Kiopaa Pl	8	Kipapa Dr	End	0.073
Kipapa Dr	8	Kauamea Pl	Kipapa Pl	0.491
Kipapa Dr	8	Ikaloa St	Kaona Pl	2.88
Kipapa Dr	8	Ikaloa St	Kaalolo Pl	4.95
Kipapa Dr	8	Kaalolo Pl	Lelewalo St	1.44
Kipapa Dr	8	95-524 Kipapa Dr	Kipapa Lp	0.084
Koolani Dr	8	Ukuwai St	Hoolu St	0.955
Kuaoa St	8	Meheula Pkwy	Puuanu St	0.515
Kuaoa St	8	Puuanu St	Paepae St	0.538
Kuaoa St	8	Paepae St	Paalii St	1.22
Kuaoa St	8	Paepae St	Paalii St	0.36
Kuaoa St	8	Meheula Pkwy	Anuanu St	0.36
Kuaoa St	8	Anuanu St	End	0.178
Kuauli St	8	Kaapeha St	End	0.687
Kuanoni Pl	8	Luaehu St	End	0.182
Kuhea St	8	Mauka End	Makai End	0.1
Lahui St	8	Ainamakua St	End	0.72
Lanikukana Ave	8	Kam Hwy	Anania Dr	1.5
Lahui Pl	8	Lahui St	End	0.06

LOCATION	CD	FROM	TO	LANE MILES
Laipu St	8	Meakino St	Melokia St	0.26
Laipu St	8	Moha St	Hoolu St	0.056
Laipu St	8	Moha St	Moea St	0.117
Lapaiki St	8	Halekua St	Paea St	0.085
Lapaiki St	8	Paea St	End	0.045
Lehiwa Dr	8	Mililani Middle School	Meheula Pkwy	2.3
Loea St	8	Kaiahea St	Kaeonui Pl	0.21
Loea St	8	Kaeonui Pl	End	0.154
Maalewa St	8	Melekomo St	Ukuwai St	0.219
Mahea St	8	Hau'elau St	End	0.339
Mahelu St	8	Ailana St	Halepule Pl	0.08
Mahelu St	8	Halepule Pl	Mahelu Pl	0.231
Mahelu St	8	Mahelu Pl	95-229 Haleleka Pl	0.156
Mahelu St	8	Haleleka Pl	End	0.162
Makaikai St	8	Aelike St	Kaapeha St	1.125
Maikaikai St	8	Kaapeha St	Ailona St	0.556
Maikaikai St	8	Ailona St	Kuhea St	0.965
Melekomo Pl	8	Melekomo St	End	0.068
Melekomo St	8	1005 Melekomo St	Kelakela St	0.577
Melekomo St	8	Kelakela St	Moelehua Pl	0.152
Moea St	8	Laipu St	95-1200 Moea St	0.152
Moea St	8	Laipu St	95-1251 Moea St	0.425
Molakea St	8	Moha St	95-1001 Molakea St	0.054
Molakea St	8	Moha St	95-1027 Mokakea St	0.052
Moohele Pl	8	Moohele St	End	0.071
Moohele St	8	Ukuwai St	Melekomo St	0.288
Paea St	8	Laipaiki St	End	0.148
Paemoku Pl	8	Lehiwa Dr	End	0.564
Paepae St	8	Kuaoa St	Palamoa St	0.076
Paepae St	8	Palamoa St	Kuaoa St	0.076
Paepae St	8	Hoakua St	End	0.138
Pahaku St	8	Lehiwa Dr	Hoahale Pl	0.082
Pahaku St	8	Hoahale Pl	Pahaku Pl	0.105
Pahaku St	8	Pahaku Pl	Hunawai Pl	0.118
Pakau St	8	Kailewa St End	Alaume St End	0.355
Poiki St	8	Lomomea	End	0.268
Puakai Pl	8	Halekua St	End	0.081
Ulahea St	8	Meheu St	Kukini Pl	0.089
Ukuwai St	8	1050 Ukuwai St	856 Ukuwai St	1.745
				60.976

WAHIAWA AREA

Anoni St	2	Kilani Ave	California Ave	0.219
Anonia St	4	Anolani St	End	0.328
Auhili Pl	2	California Ave	End	0.128
California Ave	2	Malulu Pl	Anoni St	0.907
California Ave	2	Anoni St	Kaliponi St	1.38
California Ave	2	Kaliponi St	Kam Hwy	3.449
California Ave	2	Kam Hwy	Uuku Ave	9.131
California Ave	2	Ukuu Ave	Kalie St	1.54
California Ave	2	Kalie St	East End	4.318
California Ave	2	2206 California Ave	End	0.341
California Ave	2	Karsten Drive	Grand View Pl	0.7464
Cypress Ave	2	California Ave	End	0.364
Halakahiki Pl	2	California Ave	End	0.111
Holoku Pl	2	Kilani Ave	End	0.238
Hoolulu Rd	2	Hoomaha St	Uluwehi St	0.306
Ilima St	2	Kilani Ae	Pvt CM	0.403
Ilima St	2	California Ave	Kilani Ave	0.239

LOCATION	CD	FROM	TO	LANE MILES
Imaka Pl	2	Kilani Ave	End	0.032
Kaalalo Pl	2	California Ave	End	0.064
Koele Way	2	California Ave	Olive St	0.143
Kukui St	2	Kilani Ave	California Ave	0.289
Lakeview Circle	2	Wiliikina Dr	36 Lakeview Circle	0.198
Lakeview Circle	2	36 Lakeview Circle	199 Lakeview Circle	0.55
Lakeview Circle	2	15 D Lakeview Ci	14 Lake View Circle	0.2
Lauone Pl	2	Lauone Lp	End	0.042
Lauone Lp	2	California Ave	Maluluu Pl	0.884
Lei Aloalo Pl	2	Lei Awapuhi Pl	End	0.043
Lei Awapuhi Pl	2	California Ave	End	0.211
Longley Pl	2	Kilani Ave	End	0.13
Mahele Lp	2	Mahele St	Mahele St	0.298
Mahele St	2	California Ave	Kilani Ave	0.241
Mikimiki Pl	2	California Ave	End	0.064
Milikana Pl	2	Olive Ave	End	0.154
Nihiwai Pl	2	Kilani Ave	End	0.045
Mala St	2	Kilani Ave	End	0.253
Ohai Pl	2	Ohai St	End	0.135
Ohai St	2	Kam Hwy	176 Ohai St	0.164
Ohai St	2	176 Ohai St	Olive St	0.123
Olive Ave	2	Cypress Ave	Kam Hwy	0.167
Olive Ave	2	Kam Hwy	End	0.1033
Paliiki Pl	3	Halekou Pl	End	0.055
Pakauwili Dr	2	Holulu Pl	Holulu Pl	0.326
Laniiali St	2	Kilani Ave	Kaliponi St	0.275
Laniiali St	2	Kaluhea St	Kaliponi St	0.1256
Walea St	2	Uluwehi Pl	1748 Walkea St	0.508
				29.9713

WAIANAE AREA

Holt St	1	Makau St	84-349 Makau St	0.402
Makau St	1	Farrington Hwy	Lawaia St	1.402
Nukea St	1	Water St	End	0.545
				7.699

KAILUA DISTRICT AREA

Aalapapa Dr	3	Mokulua Dr	Kaelepulu Drive	0.22
Aalapapa Pl	3	Aalapapa Dr	End	0.064
Aikahi Pl	3	Aikahi Lp	End	0.307
Aikahi Lp	3	Mokapu Rd	Ilihu St	0.535
Aikahi Lp	3	Ilihu St	Aikahi Lp	2.029
Aikane St	3	Aimikana St	Aikahi Lp	0.477
Aikapa St	3	Aikapa Lp	Aikahi Lp	0.341
Aiokoa St	3	Aikahi Lp	Aikahi Lp	0.42
Aiokoa St	3	Aikahi Lp	Aikahi Lp	0.42
Akaakawa St	3	Keolu Dr	End	0.39
Akele St	3	Akihala St	End	0.19
Aupupu St	3	Auauki St	Aulepe St	0.13
Auloa Road	3	Pali Highway	End	0.4
Aiokoa St	3	Aikahi Lp	Aikahi Lp	0.42
Hamakua Dr	3	Kailua Rd	Hekili St	3.79
Hamakua Dr	3	Hekili St	Hahani St	1.64
Hamakua Dr	3	Hahani St	Keolu St	1.64
Hele St	3	Keolu Dr	Kina St Makai Inter	1.09
Ilikai St	3	Kaimalino St	Milokai St	0.30
Ilimano Pl	3	Ilimano St	End	0.07
Kahako Street	3	Kanapuu Drive	326 Kahako Street	0.54
Kaieka Pl	3	N. Kalaheo Ave	End	0.17
Kailua Road	3	138 Kailua Road	S. Kalaheo Ave	0.22

LOCATION	CD	FROM	TO	LANE MILES
Kainehe St	3	Puniu St	Kihapai St	0.10
Kaneohe Bay Dr	3	110 ft from H3	Mokapu Blvd	1.38
Kaulukānu St	3	Kaulukānu Pl	End	0.67
Keolu Drive	3	1221 Keolu Dr	Manulani St	0.09
Keolu Drive	3	Keolu Dr	Hele St	0.09
Kihapai Pl	3	Kihapai St	End	0.11
Kuāhulu Way	3	Kuāhulu Pl	End	0.10
Kuuniu St	3	S. Kalaheo Ave	Kuāhala St	0.11
Lanipo Dr	3	Aalapapa Dr	Lama Pl	0.46
Launaloa Pl	3	Kaimalino St	End	0.07
Luika Pl	3	Poopoo Pl	End	0.09
Mokapu Rd	3	Aikahi Lp	Kaneohe Bay Dr	1.57
N. Kalaheo Ave	3	Kuūilei Rd	Kaumana Pl	0.34
Nanawale Way	3	Nanawale Pl	End	0.05
Nunu St	3	Old Mokapu Rd	Mokapu Rd	0.29
Old Mokapu Rd	3	Mokapu Rd	End	0.46
Omao St	3	N. Kainalu Dr	N. Kalaheo Ave	0.21
Paliiki Pl	3	Halekou Pl	End	0.06
Milokai St	3	Kaimalino St	Milokai Pl	0.40
Milokai St	3	Milokai Pl	End	0.06
Mokapu Rd	3	Old Mokapu Rd	Aikahi Lp	1.08
				23.60

WAIALUA DISTRICT

Haleaha Rd	2	Kam Hwy	AKA Choi Lane	0.115
Haleiwa Rd	2	Kam Hwy	Paukaiila Stream	2.845
Haleiwa Rd	2	Paukaiila Stream	Waialua Beach Road	2.845
Huamalani St	2	Kam Hwy	End	0.302
Kaaawa Park Ln	2	Kam Hwy	End	0.258
Kepue Pl	1	Kepue St	End	0.097
Kepue St	1	Nukea St	End	0.65
Mamua Pl	2	Farrington Hwy	End	0.105
Manuku St	1	Lahaina St	Nukea St	1.176
Nukea Pl	1	Nukea St	End	0.063
Wehiwa Pl	2	Kam Hwy	Wehiwa Way	0.477
				3.3

Kaneohe District Area

Alina Pl	3	Lilipuna Rd	End	0.11
Anoi Rd	3	Keaahala Rd	Paleka Rd	0.18
Haiku Road	3	Kam Hwy	Kahekili Hwy	3.20
Halualani Pl	3	Hoana St	End	0.045
Kam Hwy	3	Likelike Hwy	Haiku Rd	0.152
Kaneohe Bay Drive	3	1100' H-3	Mokapu Blvd	1.384
Kaneohe Bay Drive	3	255' Kailua Kaimalu	110' Kailua Malae Pl	5.75
Kapunahala Rd	3	Anoi Rd	Keneke St	0.83
Kopili Pl	3	Hui Kelu St	End	0.036
Kulauli St	3	Puohala St	End	0.455
Luana Pl	3	Paleka Rd	End	0.333
Mehana St	3	Kam Hwy	Kawa St	0.279
Meli Pl	3	Kam Hwy	End	0.08
Puuloko Pl	3	Mahalani Pl	End	..076
Puuhala Pl	3	44-117 Puuhala Pl	End	0.265
Anoi Road	3	Keaahala Rd	Paleka Rd	0.177
Haiku Road	3	Kam Hwy	Kahekili Hwy	3.196
Haiku Road	3	Kahekili Hwy	Kahuhipa St	1.3
Halemuku St	3	Waikalua Rd	Halemuku Pl	0.143

LOCATION	CD	FROM	TO	LANE MILES
Kapalai PI	3	Kapalai Rd	End	0.046
Kam Hwy	3	Likelike Hwy	Haiku	0.152
Kahuhipa St	3	Haiku Rd	Kahekili Hwy	2.432
Kawa St	3	Mehana St	Kahuhipa St	0.508
Keneke St	3	Lomi PI	Hulinuu PI	0.04
Keneke St	3	Kuapuiwi PI	Kolopao PI	0.05
Mahalani PI	3	Mahalani St	Puuloko PI	0.173
Paaila PI	3	Keaahala Rd	End	0.085
Kionaole Rd*	3	TMK 4-5-042:010	Gate	1.273
Puuloko PI	3	Mahalani PI	End	0.076
Kuahulu Way	3	Kuahulu PI	End	0.095
Paliiki PI	3	Halekou PI	End	0.055
Waikalua Rd	3	45-117 Waikalua Rd	End	0.113
Old Mahinui Rd	3	Mahinui Rd	Apuahea St	0.159
				23.16

Laie District

Kaawa Park Ln	2	Kam Hwy	End	0.117
Ke Nui Rd	2	Kam Hwy	59-381 Ke Nui Rd	0.01
Lau PI	2	Kam Hwy	End	0.182
Hoalua St	2	Kam Hwy	83 Hoalua St	0.2
Huamalani St	2	Kam Hwy	End	0.302
Kupaoa PI	2	Kam Hwy	End	0.044
Wehiwa PI	2	Kam Hwy	End	0.477

1.332

Rehabilitation of Concrete Roads

S. Hotel St	6	S King St	Richards St	1.363
13th Ae	4	Waialae Ave	300' South of Waialae Ave	0.13
14th Ave	4	Waialae Ave	300' South of Waialae Ave	0.1
Ahuwale PI	4	Ahuwale St	Sta 2+00	0.064
Ahuwale St	4	Ahuwale PI	Hao Street	0.147
Ala Aolaa Lp	7	1620 to 1630 Aolaa	Concrete bridge	0.035
Alewa PI	6	Alewa Dr	909 Alewa PI	0.036
Anela Place	5	Woodlawn Terrace PI	End	0.091
Anoai Place	5	Paty Rd	3341 Anoani PI	0.373
Azores St	6	Prospect St	Kamamalu St	0.106
Beaumont Woods PI	5	3169 Beaumont Woods	3219 Beaumont Woods	0.427
Bertram St	5	Concrete Rd	St. Louis Beg Ac	0.326
Concordia St	6	Lusitana St	Puowaina Dr	0.081
Dole St	5	Metcalf St	2140 Dole Street	0.1627
Halapepe St	4	5404 Halapepe St	847 Leighton St	0.321
Kaimuki Ave	4	15th Ave	16th Ave	0.15
Kamehame Drive	4	1190 Kamehame Dr	1207 Kamehame Dr	0.803
Kapa PI	4	Kaluanui Rd	AC portion of Road	0.1
Kawili St	1	86-162 Kawili St	86-170 Kawili St	0.04
King St Bus Lane	6	Bethel St	Kapiolani Blvd	0.743
Koko Dr	4	Koko Dr	Paula Dr	0.36
Kuhio Ave	4	Kalakaua	Seaside Ave	2.224
Kuhio Ave	4	Seaside Ave	Kaiulani Ave	0.96
Kuhio Ave	4	Kaiulani Ave	Kapahulu Ave	2.491
Kumu Street	5	Oahu Ave	3505 Kumu Street	0.118
Lanikeha PI	8	Paailuna Way	1824 Halemuku St	0.134
Lanikeha PI	8	Paailuna Way	1824 Lanikeha PI	0.134
Leighton St	4	Ailuna St	Kului St	0.099
Madeira St	6	Prospect St	Puowaina Dr	0.464
Makee Rd	4	Kapahulu Ave	TMK 2-6-27:001	0.018

LOCATION	CD	FROM	TO	LANE MILES
Malulu Pl	2	Lauone Lp	End	0.098
Matsonia	4	Sierra Drive	Lurline Drive	0.542
Maunalei Ave	4	Makapuu Ave	Pokole St	0.166
Mawaena St	2	Lulani St	375 Mawaena St	0.133
Naio	6	Makanani St	Houghtailing St	0.167
Papahehi Pl	4	S. Turn	Area	0.002
Puuhala Pl	3	144 Puuhala Pl	132 Puuhala Pl	0.1392
Quinn Lane	6	South St	End	0.129
Twin View Dr	6	Twin View Dr	Alewa Dr	4
Ualakaa St	5	Nehoa Ave	Ualakaa Pl	0.16
Vancouver Pl	5	1839 Vancouver Pl	1807 Vancouver Pl	0.108
Waika Pl	4	809 Waika Pl	833 Waika Pl	0.259
Alapali Pl	4	Hibiscus Dr	End	0.078
				18.5819

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

1995515 WAIKIKI IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
1	Waikiki Sidewalk Improvements, Phase 3	99			500,000	3,000,000					3,500,000
TOTAL			-	-	500,000	3,000,000	-	-	-	-	3,500,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2018087 RECONSTRUCTION OF SIDEWALKS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Reconstruct selected sidewalks to facilitate pedestrian safety in areas including such as Chinatown, Waianae, West Oahu and Waikiki	99				1,800,000	200,000			2,000,000
TOTAL			-	-	-	1,800,000	200,000	-	-	2,000,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2019026 INTERMODAL CONNECTIVITY IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	UHWO Station Access Improvements	1	GI	100,000						100,000
2	Aloha Stadium Station	7	GI FG			1,620,000 6,480,000	180,000 720,000			1,800,000 7,200,000
3	Pearl Highlands Station Access Improvements	8	GI FG			1,400,000 19,200,000	600,000 2,400,000			2,000,000 21,600,000
4	Kekaulike Street Improvement	6	GI		500,000					500,000
TOTAL			-	100,000	500,000	28,700,000	3,900,000	-	-	33,200,000

Project # Project Title

HIGHWAYS AND STREETS (Bridges, Viaducts and Grade Separation) - FY24 CIP

1998520 BRIDGE REHABILITATION AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kapiolani Blvd Box Culvert	HI				1,200,000	100,000			1,300,000
2	Waipio Access Road Bridge	HI				1,100,000	100,000			1,200,000
		FG				1,000	1,000			2,000
3	Waipahu Street Bridge	HI			700,000					700,000
4	Hausten Street Box Culvert	HI		5,000	295,000					300,000
		FG		1,000	1,000					2,000
TOTAL				6,000	996,000	2,301,000	201,000			3,504,000

Project # Project Title

HIGHWAYS AND STREETS - (STORM DRAINAGE) - FY24 CIP

2000052 DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Ahuwale Ditch					6,500,000	500,000			7,000,000
2	Old Kalanianaʻole Road near Kooku Place					100,000				100,000
3	Kaamilo Outlet Improvements					2,500,000				2,500,000
4	Mokulama Road, Meleana Place, Booth Road, School Street IDIQ Repairs, Kaneohe Emergency Repairs		10,000	10,000	2,000,000		300,000			2,320,000
TOTAL			10,000	10,000	2,000,000	9,100,000	800,000	-		11,920,000

Project # Project Title

HIGHWAYS AND STREETS (Storm Drainage) - FY 24 CIP

2017074 EROSION CONTROL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Moanalua Road (Site #13)	8				7,000,000	500,000			7,500,000
2	Kaneohe Civic Center Park (Site #11)	3			75,000					75,000
3	Kapaa Quarry Road (Site #16)	3			75,000					75,000
4	98-400 Koauka Loop (Site #24)				75,000					75,000
5	Waikele Stream @ Kahaloa Dr. (Site #9)				75,000					75,000
6	Waikapunaha Ditch (Site #19 & #29)				100,000					100,000
TOTAL			-		400,000	7,000,000	500,000	-	-	7,900,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2019152 NPDES IMPROVEMENTS ALONG KUHIO BEACH

Description		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Outdoor Shower #8-10 (Kapiolani Beach)	4	-	-	50,000	650,000	150,000	-	-	850,000
TOTAL			-	-	50,000	650,000	150,000	-	-	850,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Facilities Maintenance) - FY24 CIP

2018071 NPDES MS4 EROSION PRONE AREA IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	<u>Total</u>
1	2759 Piliwai Street (Kalihi Valley)					750,000	150,000			900,000
2	Kaneohe Dam near 45-660 Apuakea Street (Kaneohe)	3			150,000					150,000
3	Kaneohe Stream near Keole Place, Phase II (Kaneohe)	3			200,000					200,000
TOTAL			-	-	350,000	750,000	150,000	-	-	1,250,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2018072 NPDES MS4 RETROFIT STRUCTURAL BMP IMPROVEMENTS PROGRAM

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Sheridan Street Bioretention Basin	8				850,000	300,000			1,150,000
2	Pearl City Industrial Park CB Retrofit Improvements	8			50,000					50,000
	TOTAL		-	-	50,000	850,000	300,000	-	-	1,200,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2018074 NPDES MS4 STRUCTURAL BMPS FOR TRASH REDUCTION

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	North King Street Storm Water Treatment Unit near Stillman Lane						150,000			150,000
2	Waipahu Industrial Park				650,000					650,000
TOTAL			-	-	650,000	-	150,000	-	-	800,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

2018075 NPDES MS4 TMDL STRUCTURAL BMP IMPROVEMENTS PROGRAM

Description		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kawa Stream at Akimala Place, Phase 2		-	-	250,000			-	-	250,000
TOTAL			-	-	250,000	-	-	-	-	250,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY24 CIP

**2019074 REHABILITATION/RECONSTRUCTION OF STORM DRAINS
AND CATCH BASINS**

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Honolulu West O'ahu (Kalihi/Kapalama/Liliha/Nu'uuanu)	7			750,000	50,000	50,000			850,000
TOTAL			-	-	750,000	50,000	50,000	-	-	850,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Street Lighting) - FY24 CIP

2007043 STREET LIGHT METER CABINETS, TRANSFORMERS AND STREET LIGHTING IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Replacement of Street Light Meter Cabinets and Transformers, Phase 5 & 6	99			10,000	750,000	5,000	5,000		770,000
2	Installation of Street Light System on Hahani Street	3			10,000	150,000	10,000			170,000
TOTAL					20,000	900,000	15,000	5,000		940,000

SANITATION

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY24 CIP

2010054 REFUSE FACILITIES IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Ewa Refuse Convenience Center	1								0
2	Leeward Convenience Center	1								0
3	Leeward Refuse Baseyard	1, 8								0
4	Waianae Convenience Center	1								0
5	Wahiawa Convenience Center	2		100,000	300,000					400,000
6	Kawailoa Transfer Station	2		50,000	100,000					150,000
7	Laie Convenience Center	2								0
8	Kapaa /Kalaheo Landfill Site	3								0
9	Kapaa Transfer Station	3								0
10	Waimanalo Convenience Center	3				1,250,000	150,000			1,400,000
11	Keehi Transfer Station	7								0
12	Waipahu Convenience Center	8								0
13	Waipahu Former Incinerator Site	8								0
14	Waipahu Ash Landfill	8								0
15	Kapaa Baseyard	3								0
16	Honolulu Baseyard	7								0
17	Unanticipated Refuse Facilities improvements	99								0
TOTAL			-	150,000	400,000	1,250,000	150,000	-	-	1,950,000

CD denotes Council District

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY24 CIP

2020052 SOLID WASTE TO ENERGY FACILITY (H-POWER) REFURBISHMENT/ IMPROVEMENT

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Installation of Cooling Tower Circulation Pumps (Phase I)	1				565,330				565,330
2	Relocation of Underground Fuel Line	1				1,000,000				1,000,000
3	RDF Bypass Condenser	1			1,000	6,000,000	1,000			6,002,000
4	RDF Siding and Purlins (Phase I)	1				2,000,000				2,000,000
5	Switchyard Improvements and Spares	1				1,000,000				1,000,000
6	ESP Structure Redevelopment	1				1,000,000				1,000,000
7	RDF Tip Floor Overhead Walkway	1				434,670				434,670
TOTAL			-	-	1,000	12,000,000	1,000	-	-	12,002,000

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY24 CIP

2007068 SEWER CONDITION ASSESSMENT PROGRAM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Sewers and force mains in Honouliuli tributary system: Ewa, Kapolei, Makakilo vicinities	1		150,000			50			150,050
2	Sewers and force mains in Waianae tributary system	1		420,000			50			420,050
3	Sewers and force mains in Honouliuli tributary system: Mililani Mauka vicinity	2		70,000			50			70,050
4	Sewers and force mains in Wahiawa, Paalaa Kai, Kahuku and Laie tributary systems	2		120,000			50			120,050
5	Sewers and force mains in Kailua/Kaneohe tributary system: Kahaluu vicinity	2		70,000			50			70,050
6	Sewers and force mains in Kailua/Kaneohe tributary system	3		750,000			75			750,075
7	Sewers and force mains in Waimanalo tributary system	3		150,000			50			150,050
8	Sewers and force mains in Hawaii Kai tributary system: Kuliouou, Portlock vicinities	4		50,000			50			50,050
9	Sewers and force mains in Sand Island tributary system: Waikiki, Diamond Head to East Oahu vicinities	4		600,000			75			600,075
10	Sewers and force mains in Sand Island tributary system: Manoa, Palolo Valley, Saint Louis Hts, McCully, Moiliili, Kakaako vicinities	5		500,000			75			500,075
11	Sewers and force mains in Sand Island tributary system: Honolulu, Punchbowl, Nuuanu, Kalihi Valley, Moanalua vicinities	6		600,000			75			600,075
12	Sewers and force mains in Honouliuli tributary system: Aiea, Halawa vicinities	6		250,000			75			250,075
13	Sewers and force mains in Sand Island tributary system: Kalihi, Iwilei, Sand Island, Mapunapuna, Airport, Salt Lake vicinities	7		440,000			75			440,075
14	Sewers and force mains in Honouliuli tributary system: Aliamanu, Foster Village vicinities	7		50,000			50			50,050
15	Sewers and force mains in Honouliuli tributary system: Aiea, Waimalu, Pearl City, Pacific Palisades, Waipio and Waipahu vicinities	8		420,000			75			420,075
16	Sewers and force mains in Honouliuli tributary system: Waikele, Kunia, Mililani, West Loch, Ewa Villages to Iroquois Point vicinities	9		360,000			75			360,075
TOTAL			-	5,000,000	-	-	1,000	-	-	5,001,000

CD denotes Council District

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY24 CIP

2000071 SEWER MAINLINE AND LATERAL PROJECTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Sewer rehab/replace in Honouliuli tributary system: Ewa, Kapolei, Makakilo vicinities	1			20,000	1,500,000	20,000			1,540,000
2	Sewer rehab/replace in Waianae tributary system	1			30,000	2,000,000	30,000			2,060,000
3	Sewer rehab/replace in Honouliuli tributary system: Mililani Mauka vicinity	2			10,000	600,000	10,000			620,000
4	Sewer rehab/replace in Wahiawa, Paalaa Kai, Kahuku and Laie tributary systems	2			20,000	600,000	20,000			640,000
5	Sewer rehab/replace in Kailua/Kaneohe tributary system: Kahaluu vicinity	2			5,000	800,000	5,000			810,000
6	Sewer rehab/replace in Kailua/Kaneohe tributary system	3			50,000	3,000,000	50,000			3,100,000
7	Sewer rehab/replace in Waimanalo tributary system	3			20,000	800,000	20,000			840,000
8	Sewer rehab/replace in Hawaii Kai tributary system: Kuliouou, Portlock vicinities	4			5,000	100,000	5,000			110,000
9	Sewer rehab/replace in Sand Island tributary system: Waikiki, Diamond Head to East Oahu vicinities	4			50,000	2,000,000	50,000			2,100,000
10	Sewer rehab/replace in Sand Island tributary system: Manoa, Palolo Valley, Saint Louis Hts, McCully, Mollili, Kakaako vicinities	5			50,000	2,500,000	50,000			2,600,000
11	Sewer rehab/replace in Sand Island tributary system: Honolulu, Punchbowl, Nuuanu, Kalihi Valley, Moanalua vicinities	6			50,000	2,500,000	50,000			2,600,000
12	Sewer rehab/replace in Honouliuli tributary system: Aiea, Halawa vicinities	6			40,000	1,500,000	40,000			1,580,000
13	Sewer rehab/replace in Sand Island tributary system: Kalihi, Iwilei, Sand Island, Mapunapuna, Airport, Salt Lake vicinities	7			50,000	2,500,000	50,000			2,600,000
14	Sewer rehab/replace in Honouliuli tributary system: Aliamanu, Foster Village vicinities	7			5,000	1,000,000	5,000			1,010,000
15	Sewer rehab/replace in Honouliuli tributary system: Aiea, Waimalu, Pearl City, Pacific Palisades, Waipio and Waipahu vicinities	8			50,000	2,000,000	50,000			2,100,000
16	Sewer rehab/replace in Honouliuli tributary system: Waikele, Kunia, Mililani, West Loch, Ewa Villages to Iroquois Point vicinities	9			40,000	1,500,000	40,000			1,580,000
17	Unanticipated improvements	99	100,000	200,000	5,000	100,000	5,000			410,000
TOTAL			100,000	200,000	500,000	25,000,000	500,000	-	-	26,300,000

WASTEWATER EQUIPMENT

DEPARTMENT OF ENVIRONMENTAL SERVICES (WASTEWATER)

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
1	BLEND TANK MIXER DRIVE/MOTOR ASSEMBLY	10	2	\$ 200,000	\$ 400,000	SW(170)	Repl	WTD-Honouliuli
2	GRIT ELEVATOR PINTLE CHAIN/BUCKETS/SPROCKETS & OTHER RELATED PARTS	3	4	\$ 70,000	\$ 280,000	SW(170)	Repl	WTD-Honouliuli
3	FERRIC PUMPS	15	2	\$ 75,000	\$ 150,000	SW(170)	Repl	WTD-SIWWTP
4	PRIMARY CLARIFIER PUMP REPLACEMENT	8	16	\$ 100,000	\$ 1,600,000	SW(170)	New	WTD-SIWWTP
5	ACTIVATED SLUDGE RAS PUMP	7	1	\$ 10,000	\$ 10,000	SW(170)	Repl	WTD-Wahiawa
6	MBR COMPLETE REPLACEMENT FILTER SYSTEM	10	1	\$ 1,000,000	\$ 1,000,000	SW(170)	Repl	WTD-Wahiawa
7	SCREENINGS BLOWERS	8	2	\$ 125,000	\$ 250,000	SW(170)	Repl	WTD-SIWWTP
8	Chevy 2500 Pick Up Truck Crew Cab Diesel	7	2	\$ 87,170	\$ 174,340	SW(170)	Repl	WTD-Central Shop
8	GBT ODOR CONTROL FAN/MOTOR ASSEMBLY	10	2	\$ 150,000	\$ 300,000	SW(170)	2 - Repl	WTD-Honouliuli
9	HORIZONTAL SCREW/THROUGH/LINERS/BEARINGS FOR CONVEYOR SHORT & LONG	3	2	\$ 200,000	\$ 400,000	SW(170)	Repl	WTD-Wahiawa
10	PRIMARY SLUDGE CAVITY PROGRESSIVE PUMPS ASSEMBLY	7	8	\$ 150,000	\$ 1,200,000	SW(170)	Repl	WTD-Honouliuli
11	GRAVITY THICKENER PROGRESSIVE CAVITY PUMPS	7	2	\$ 150,000	\$ 300,000	SW(170)	Repl	WTD-Honouliuli
12	DIGESTER TRANSFER & FEED CAVITY PROGRESSIVE PUMPS	7	5	\$ 120,000	\$ 600,000	SW(170)	Repl	WTD-Honouliuli
13	BLEND TANKS CAVITY PROGRESSIVE TRANSFER/FEED PUMPS	7	2	\$ 120,000	\$ 240,000	SW(170)	Repl	WTD-Honouliuli
14	INFLUENT PUMP STATION ELECTRIC DRIVE MOTORS 250/400 HP	7	2	\$ 450,000	\$ 900,000	SW(170)	Repl	WTD-Honouliuli
15	TRICKLING FILTER PUMPS WHOLE ASSEMBLY	10	3	\$ 150,000	\$ 450,000	SW(170)	Repl	WTD-Waianae
16	FINAL CLARIFIER WASTE SLUDGE PUMP & ELECTRIC MOTOR ASSEMBLY	7	3	\$ 75,000	\$ 225,000	SW(170)	Repl	WTD-Waianae
17	INFLUENT PUMP ROTATING ELEMENT	7	1	\$ 300,000	\$ 300,000	SW(170)	Repl	WTD-Waianae
18	INFLUENT SUBMERSABLE PUMP	7	2	\$ 100,000	\$ 200,000	SW(170)	Repl	WTD-Wahiawa
19	VORTEX SYSTEM CENTRIFUGAL GRIT PUMP	7	2	\$ 60,000	\$ 120,000	SW(170)	Repl	WTD-Wahiawa

WASTEWATER EQUIPMENT

DEPARTMENT OF ENVIRONMENTAL SERVICES (WASTEWATER)

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
20	SCREW PRESS POLYMER COMPLETE MIXING UNIT	10	2	\$ 75,000	\$ 150,000	SW(170)	Repl	WTD-Waianae
21	Various Electric Motors	10	1	\$ 250,000	\$ 250,000	SW(170)	New/Rplc	WTD-SI Maint.
22	Various VFD's (Variable Frequency Drives) &/or Motor Controllers	10	1	\$ 250,000	\$ 250,000	SW(170)	New/Rplc	WTD-SI Maint.
23	4" TRASH PUMP(SI)	8	1	\$ 75,000	\$ 75,000	SW(170)	Repl	WTD-Central Shop
24	PUMP STATION SAFETY EQUIPMENT REPLACEMENT	10	20	\$ 7,000	\$ 140,000	SW(170)	Repl	WTD-SIWWTP
25	Godwin portable pumps with trailer housing. (Kahuku)	10	1	\$ 102,000	\$ 102,000	SW(170)	New	WTD-Central Shop
26	42 " HP Plotter	8	1	\$ 12,000	\$ 12,000	SW(170)	Replace	OAS-WIM (2181)
27	Large format scanner	8	1	\$ 16,000	\$ 16,000	SW(170)	Replace	OAS-WIM (2181)
28	EV	15	1	\$ 50,000	\$ 50,000	SW(170)	Replace	OAS-Customer Service (2104)
29	EV	15	2	\$ 50,000	\$ 100,000	SW(170)	Replace	OAS-Admin (2102)
30	Crew Trucks	8	4	\$ 220,000	\$ 880,000	SW(170)	Replace	CSM (2115)
31	Vactors	8	4	\$ 630,000	\$ 2,520,000	SW(170)	Replace	CSM (2115)
32	Pick Up Trucks (1 per District)	8	3	\$ 70,000	\$ 210,000	SW(170)	Replace	CSM (2115)
33	Small Diameter Pipe Inspection System	8	1	\$ 80,000	\$ 80,000	SW(170)	New	CSM (2115)
34	Hydraulic Air Drop Trailer	8	1	\$ 50,000	\$ 50,000	SW(170)	New	CSM (2115)
35	Electric Forklift	8	1	\$ 75,000	\$ 75,000	SW(170)	New	CSM (2115)
36	Cesspool Truck	8	1	\$ 400,000	\$ 400,000	SW(170)	Replace	CSM (2115)
37	ROV	15	1	\$ 100,000	\$ 100,000	SW(170)	Rep	EQ-MC(2106)
38	Reverse Osmosis (RO) Water purification systems for reagent water generation	10	3	\$ 20,000	\$ 60,000	SW(170)	New (1) Rep (2)	EQ-LAB(2112)
39	Reverse Osmosis (RO) Water purification systems for cleaning	10	6	\$ 10,000	\$ 60,000	SW(170)	New	EQ-LAB(2112)
40	Distillation Water purification systems for reagent water generation	10	7	\$ 15,000	\$ 105,000	SW(170)	Rep	EQ-LAB(2112)
41	ICPMS-Inductively Coupled Plasma Mass Spectrometer	10	1	\$ 200,000	\$ 200,000	SW(170)	Rep	EQ-LAB(2112)
42	BOD MiniLab-AR System	10	1	\$ 40,000	\$ 40,000	SW(170)	New	EQ-LAB(2112)
43	Environmental Chamber	10	3	\$ 45,000	\$ 135,000	SW(170)	Rep	EQ-LAB(2112)
44	HACH Laboratory Spectrophotometer	7	1	\$ 6,200	\$ 6,200	SW(170)	Rep	EQ-LAB(2112)
45	Gas Chromatograph	10	1	\$ 95,000	\$ 95,000	SW(170)	Rep	EQ-LAB(2112)
46	Multi-door refrigerator	10	1	\$ 10,000	\$ 10,000	SW(170)	Rep	EQ-LAB(2112)

WASTEWATER EQUIPMENT

DEPARTMENT OF ENVIRONMENTAL SERVICES (WASTEWATER)

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
47	Pickup Truck, 1 ton 4WD, Crew Cab- M&C Ocean Team	10	1	\$ 58,300	\$ 58,300	SW(170)	Rep	EQ-MC(2106)
48	Mid-sized SUV- M&C	10	1	\$ 42,350	\$ 42,350	SW(170)	Rep	EQ-MC(2106)
49	Full size SUV - RC	10	1	\$ 66,400	\$ 66,400	SW(170)	Rep	EQ-RC(2107)
50	Multi-door refrigerator	10	1	\$ 10,000	\$ 10,000	SW(170)	Rep	EQ-LAB(2112)
51	GFAA/FLAA-Graphite Furnace	10	1	\$ 95,000	\$ 95,000	SW(170)	Rep	EQ-LAB(2112)
52	UV/VIS Spectrophotometer	10	1	\$ 50,000	\$ 50,000	SW(170)	Rep	EQ-LAB(2112)
53	Muffle Furnace	10	1	\$ 10,000	\$ 10,000	SW(170)	New	EQ-LAB(2112)
54	Freestanding FlaskScrubber Glassware Washer	7	2	\$ 13,000	\$ 26,000	SW(170)	New	EQ-LAB(2112)
55	CD103M Dri-Prime pump Critically silenced, 4" 150# ANSI B15.5 Suction Delivery connection. Max capacity 1020 USGPMs, 3"max solids handling 10.1" impeller diameter, enclosed Critically silenced unit. (Waimanalo)	10	2	\$ 98,800	\$ 197,600	SW(170)	New	WTD-Central Shop
56	CD80M Dri-Prime Critically silenced pump 3" max 450 gpm, total dynic head of 93 ft. (Waimanalo)	10	2	\$ 102,700	\$ 205,400	SW(170)	New	WTD-Central Shop
57	Hustler Zero turn mower. 35 horse power, 60"VX4 deck, carburated top pinned height adjustment, zero turn.	10	1	\$ 28,500	\$ 28,500	SW(170)	Repl	WTD-Waimanalo
58	Godwin CD80M dri-prime Critically silenced pump. 14.0 hp 11(kw) @ 2200 rpm, impeller diameter 7 1/2" total suction head-feet 10, 450 gpm output, 30 gallon fuel tank, maximum working pressure 41 psi (Laie)	10	1	\$ 102,700	\$ 102,700	SW(170)	Repl	WTD-Central Shop
59	HEAVY DUTY LAWN MOWER	7	1	\$ 20,000	\$ 20,000	SW(170)	Repl	WTD-Paala Kai
60	SUPER MINI ROLL OFF TRAILERS	7	4	\$ 150,000	\$ 600,000	SW(170)	Repl	WTD-Leeward Dist.
61	HEAVY DUTY INDUSTRIAL DRILL PRESS	10	1	\$ 40,000	\$ 40,000	SW(170)	Repl	WTD-Leeward Maint
62	PLASMA CUTTER	7	1	\$ 12,000	\$ 12,000	SW(170)	Repl	WTD-Leeward
63	24 FT. Trailer Model FT-50-3 LP	7	1	\$ 77,000	\$ 77,000	SW(170)	Repl	WTD-Central Shop
64	CAT DP35 COMPACT DIESEL FORKLIFT	15	1	\$ 60,000	\$ 60,000	SW(170)	Repl	WTD-SI Maint.
65	Hydraulic Conduit & Pipe Bender	20	1	\$ 24,000	\$ 24,000	SW(170)	New	WTD-SI Maint.

WASTEWATER EQUIPMENT**DEPARTMENT OF ENVIRONMENTAL SERVICES (WASTEWATER)**

<u>Priority</u>	<u>Equipment Item</u>	<u>Est Life</u>	<u>Units</u>	<u>Cost/Unit</u>	<u>Total Cost</u>	<u>Fund</u>	<u>Repl/New</u>	<u>Activity</u>
66	Pipe Threading & Cutting Machine	20	1	\$ 15,000	\$ 15,000	SW(170)	New	WTD-SI Maint.
67	JLG R2646 SCISSORS LIFT	15	1	\$ 40,000	\$ 40,000	SW(170)	Repl	WTD-SI Maint.
68	PA10 MPC HORIZONTAL SCISSOR STYLE SAW	15	1	\$ 50,000	\$ 50,000	SW(170)	Repl	WTD-SI Maint.
69	Portable/Push Around Aerial Work Platform / Vertical Personnel Lift	15	1	\$ 20,000	\$ 20,000	SW(170)	New	WTD- SI Maint.
70	Peterbilt Model 365 Dump Truck 18 speed	7	1	\$ 250,000	\$ 250,000	SW(170)	New	WTD-Central Shop
					TOTAL \$ 17,370,790			

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY24 CIP

2001062 WASTEWATER TREATMENT PLANT, PUMP STATION AND FORCE MAIN PROJECTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Other	Total
1	Rehab/replace/upgrade projects at Honouliuli and Waianae wastewater treatment plants, including effluent disposal systems	1			80,000	1,800,000	60,000			1,940,000
2	Rehab/replace/upgrade projects for pump stations and force mains at Luualalei, Nanakuli, Kapolei, Makakilo and Ewa vicinities	1			40,000	600,000	20,000			660,000
3	Rehab/replace/upgrade projects at Wahiawa, Paalaa Kai, Kahuku and Laie wastewater treatment plants, including effluent disposal systems	2			40,000	600,000	20,000			660,000
4	Rehab/replace/upgrade projects for pump stations and force mains at Wahiawa, Laie, Kahaluu and Ahuimanu vicinities	2			40,000	500,000	20,000			560,000
5	Rehab/replace/upgrade projects at Kailua Regional and Waimanalo wastewater treatment plants, including effluent disposal systems	3			80,000	1,700,000	60,000			1,840,000
6	Rehab/replace/upgrade projects for pump stations and force mains at Kaneohe, Kailua and Waimanalo vicinities	3			60,000	1,000,000	40,000			1,100,000
7	Rehab/replace/upgrade projects for pump stations and force mains at Kuliouou, Paiko Drive, Niu Valley, Kahala, Waikiki and Ala Moana vicinities	4			60,000	1,000,000	40,000			1,100,000
8	Rehab/replace/upgrade projects for pump stations and force mains at Ala Moana pump stations. Facilities renovations and improvements at FMB for project management and engineering for the wastewater CIP function.	6			40,000	2,500,000	20,000			2,560,000
9	Rehab/replace/upgrade projects at the Sand Island wastewater treatment plant, including effluent disposal systems	7			100,000	1,700,000	60,000			1,860,000
10	Rehab/replace/upgrade projects for pump stations and force mains at Iwilei, Sand Island, Mapunapuna, Aliamanu and Halawa vicinities	7			80,000	1,300,000	50,000			1,430,000
11	Rehab/replace/upgrade projects for pump stations, force mains and CSM Warehouse, at Waimalu, Pearl City, Pacific Palisades, Waiawa, and Waipahu vicinities	8			80,000	1,300,000	50,000			1,430,000
12	Rehab/replace/upgrade projects for pump stations and force mains at Milliani, Waipio, West Loch and Ewa vicinities	9			60,000	800,000	40,000			900,000
12	Projects required to meet requirements of federal and state permits	99	500	49,000	20,000	100,000	10,000			179,500
13	Unanticipated improvements, easements for construction projects, other utility connections, and demolition of unused facilities	99	500	50,000	20,000	100,000	10,000		200,000	380,500
TOTAL			1,000	99,000	800,000	15,000,000	500,000	-	200,000	16,600,000

HUMAN SERVICES

Project # Project Title

HUMAN SERVICES (Human Services) - FY24 CIP
2016001 AFFORDABLE HOUSING STRATEGIC DEVELOPMENT PROGRAM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
1	Provide Affordable Housing Funds (AF) for the renovation and/or development of low income affordable housing which may be administered or managed by the City and County of Honolulu or in conjunction with private non-profit or private developers.	99	5,000	5,000	5,000	5,000				8,358,000	8,378,000
TOTAL			5,000	5,000	5,000	5,000	-	-	-	8,358,000	8,378,000

CD denotes Council District

Project # Project Title

HUMAN SERVICES (Human Services) - FY24 CIP
1995207 EMERGENCY SOLUTIONS GRANTS (ESG) PROGRAM

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
Funds for administration and grants to nonprofit organizations serving the homeless.	99									
1 ESG Projects									1,290,728	1,290,728
TOTAL		-	-	-	-	-	-	-	1,290,728	1,290,728

CD denotes Council District

Project # Project Title

HUMAN SERVICES (Human Services) - FY24 CIP

2007077 HOME INVESTMENT PARTNERSHIPS (HOME) PROGRAM

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
	99									-
Funds for administration and grants and/or loans to nonprofit organizations developing affordable housing for lower income persons.										
1 CHODO Projects									796,676	796,676
TOTAL		-	-	-	-	-	-	-	796,676	796,676

CD denotes Council District

Project # Project Title

HUMAN SERVICES (Human Services) - FY24 CIP
2000119 HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS (HOPWA) PROGRAM

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
	99									
Funds for administration and grants to nonprofit organizations serving persons with HIV/AIDS.										
1 Gregory House Programs									536,182	536,182
2 Hawaii Health and Harm Reduction Center									134,046	134,046
TOTAL		-	-	-	-	-	-	-	670,228	670,228

CD denotes Council District

Project # Project Title

HUMAN SERVICES (Human Services) - FY24 CIP

2020004 AFFORDABLE HOUSING

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
1	Provision of funds for the acquisition of land, and plans, design, construction, and other miscellaneous costs for the purpose of developing, constructing, and providing low- and moderate-income affordable housing and any necessary related infrastructure improvements, which may be undertaken with public agencies or private entities or developers, and which may include the costs of developing, constructing and providing: 1 mixed-income housing projects; or 2 mixed-use projects, which may combine low- and moderate-income affordable housing or mixed-income housing with governmental, educational, commercial, cultural, institutional, or industrial uses, for the purpose or providing such low-and moderate-income affordable housing to the extent allowed by law.	99	75,000,000	2,500,000	3,500,000	18,500,000				500,000	100,000,000
TOTAL			75,000,000	2,500,000	3,500,000	18,500,000	-	-	-	500,000	100,000,000

CULTURE-RECREATION

Project # Project Title

CULTURE-RECREATION PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY24 CIP

2019084 COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM PARK IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Beretania Community Park	6			5,000	585,000				590,000
2	Fern Community Park	7				396,355				396,355
3	Kalihi Waena Neighborhood Park	7				2,150,000				2,150,000
4	Maili Community Park	1				2,009,604				2,009,604
5	Peter Buck Mini Park	1				350,000				350,000
TOTAL				-	5,000	5,490,959	-	-		5,495,959

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY24 CIP

2007054 DEPARTMENT OF PARKS AND RECREATION NPDES SMALL MS4 PERMIT PROGR

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Honowai Community Park - Area 1 erosion Prone Area Improvements	9	-	-	750,000	-	-	-	-	750,000
2	Honowai Community Park - Area 2 erosion Prone Area Improvements	9				2,500,000				2,500,000
TOTAL			-	-	750,000	2,500,000	-	-	-	3,250,000

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY24 CIP

2024071 PLAYCOURTS AT VARIOUS PARKS - NEW

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Smith-Beretania Park - Pickleball Courts, West Oahu Outdoor Playcourts, Keehi Lagoon Pickleball Courts, and other outdoor playcourts at various parks.	99		400,000	400,000	690,000	10,000			1,500,000
TOTAL			<hr/>							1,500,000
				400,000	400,000	690,000	10,000			

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY24 CIP

2002072 RENOVATE RECREATIONAL FACILITIES

Priority		CD	F	Land	Planning	Design	Construction	Inspection	Equipment	Total
1	Roof Reconstruction at Parks									
	1) Aiea District Park Multi-purpose bldg. and Annex Roof Parking Deck Coating	7	GI			-	1,000,000	10,000		1,010,000
	2) Palolo Valley DP Gym Roof , Ceiling, Gutters and drainlines Improvements	5	GI				1,500,000			1,500,000
2	Reconstruction of Parking Lots IDIQ - Various Parks and Botanical Gardens									
	1) Kalanianaʻole Beach Park Parking Improvements - IDIQ	1	GI				325,000			325,000
3	Swimming Pool Improvements									
	1) Manoa Valley DP- Pool Light and Electrical Improvements	5	GI			100,000				100,000
	2) Various Locations	99	GI			200,000	1,000,000			1,200,000
4	Other Park Improvements									
	1) Waimanalo Beach Park - Comfort Station Reconstruction	3	GI			175,000				175,000
5	Booth District Park	6	PP				155,900			155,900
6	Enchanted Lake District Park	3	PP				28,263			28,263
7	Kahuku District Park	2	PP				60,300			60,300
8	Kalihi Valley District Park	7	PP				14,550			14,550
9	Kaneohe District Park	3	PP				72,750			72,750
10	Koko Head District Park	4	PP				4,750			4,750
11	Lanakila District Park	7	PP				4,650			4,650
12	Makiki District Park	5	PP				52,300			52,300
13	McCully District Park	5	PP				106,900			106,900
14	Palolo Valley District Park	5	PP				88,350			88,350
15	Salt Lake District Park	7	PP				36,930			36,930
16	Wahiawa District Park	2	PP				39,800			39,800
17	Waianae District Park	1	PP				28,900			28,900
18	Waipahu District Park	8	PP				2,090			2,090
19	Kualoa Regional Park	2	PP				307,392			307,392
	Total			-	-	475,000	4,828,825	10,000	-	5,313,825
		GI				475,000	3,825,000	10,000	-	4,310,000
		PP					1,003,825			1,003,825

Project # Project Title

CULTURE-RECREATION (Special Recreation Facilities) - FY24 CIP

2014076 BLAISDELL CENTER REDEVELOPMENT

Priority		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Arena - West & East Vault Upgrades	5			100,000					100,000
2	Concert Hall Front of House: Toilet Room and Lobby Renovations	5			10,000	3,890,000				3,900,000
	TOTAL			-	110,000	3,890,000	-	-		4,000,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY24 CIP

1999012 ENTERPRISE FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Unanticipated Mechanical, Electrical and Structural Improvements				25,000	100,000	10,000			135,000
2	Blaisdell EV Charging Station (Provision of Grant Match)	5			20,000	75,000				95,000
TOTAL			-	-	45,000	175,000	10,000	-	-	230,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY24 CIP

2001053 GOLF COURSE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Unanticipated Mechanical, Electrical and Structural Improvements	99			25,000	125,000	10,000			160,000
2	Ala Wai Golf Course Pump Station and Irrigation System Improvements	5			100,000					100,000
3	Ewa Villages Golf Course Irrigation & Pump Station Improvements	1			100,000					100,000
4	Golf Course EV Charging Stations (Provision of Grant Match)	99			20,000	75,000				95,000
5	Pali Golf Course Upper Level Parking Lot Improvements	3				1,230,000	75,000			1,305,000
TOTAL			-	-	245,000	1,430,000	85,000	-	-	1,760,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY24 CIP

2001097 HONOLULU ZOO IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Unanticipated Mechanical, Electrical and Structural Improvements	4			5,000	95,000				100,000
2	Elephant Hydraulic Gate Improvements	4			25,000					25,000
3	Hippo Exhibit Filtration System Upgrades	4			5,000	500,000	5,000			510,000
4	Kapahulu Comfort Station Renovation	4			50,000					50,000
5	Monsarrat Comfort Station and Event Lawn Improvements	4		50,000	25,000					75,000
6	Orangutan/Siamang Modifications	4			50,000					50,000
7	Savanah Sidewalk, Walkway and Guardrail Improvements	4			100,000					100,000
8	Binturong Exhibit	4			150,000					150,000
9	Cheetah Trellis/Guardrail	4			75,000					75,000
10	Kopje Exhibit Renovations	4		75,000	75,000					150,000
11	Quarantine Building Reconstruction	4			50,000					50,000
TOTAL			-	125,000	610,000	595,000	5,000	-	-	1,335,000

UTILITIES OR OTHER ENTERPRISES

Project # Project Title

UTILITIES (Mass Transit) - FY24 CIP

1978005 BUS AND HANDI-VAN ACQUISITION PROGRAM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Purchase Handi-Vans and Buses	99 FG						65,769,000		65,769,000
		HI						12,693,000		12,693,000
2	Provision of Local Match for FTA Discretionary Grant programs	99 HI						8,800,000		1,000,000
TOTAL			-	-	-	-	-	87,262,000	-	87,262,000

Project # Project Title

UTILITIES (Mass Transit) - FY24 CIP

2001116 BUS STOP ADA ACCESS AND SITE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kawa Street Improvements	HI			70,000					70,000
		FG			280,000					280,000
2	Aloha Stadium Transit Center	HI			20,000					20,000
		FG			80,000					80,000
3	Ala Wai Blvd / Kapahulu Ave	HI		1,000						1,000
		FG								
4	Various Locations	HI			73,000	208,000				281,000
		FG			292,000	832,000				1,124,000
TOTAL				1,000	815,000	1,040,000				1,856,000