

DEPARTMENT OF BUDGET AND FISCAL SERVICES
CITY AND COUNTY OF HONOLULU
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RICK BLANGIARDI
MAYOR

ANDREW T. KAWANO
DIRECTOR

CARRIE CASTLE
DEPUTY DIRECTOR
873340

March 2, 2022

The Honorable Calvin K. Y. Say, Chair
and Members
Committee on Budget
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Say and Councilmembers:

SUBJECT: Budget Communication No. 5 – Item 11
Capital Budget for Fiscal Year (FY) 2023 – Line Item Detail

As requested, the attached list provides information on appropriations over \$50,000 proposed in the FY 2023 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. 151

2022 MAR 2 PM 2:12 CITY CLERK

The Honorable Calvin K. Y. Say, Chair
and Members
March 2, 2022
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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) - FY23 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						303,000		303,000
Department of Enterprise Services	99						341,000		341,000
Department of Environmental Services	99						12,775,000		12,775,000
Department of Facility Maintenance	99						4,445,000		4,445,000
Department of Parks and Recreation	99						1,409,000		1,409,000
Department of the Prosecuting Attorney	99						54,000		54,000
Department of Transportation Services (including OTS)	99						1,616,700		1,616,700
Honolulu Emergency Services Department	99						1,607,000		1,607,000
TOTAL		-	-	-	-	-	22,550,700	-	22,550,700

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
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 years	1	\$ 63,000	\$ 63,000	GN	Replacement	2034
2	Mid-Size Sport Utility Vehicle	10 YRS	1	\$ 48,000	\$ 48,000	HW	Replacement	1863
3	Mid-Size Sport Utility Vehicle	10 YRS	1	\$ 48,000	\$ 48,000	HW	Replacement	1863
4	Mid-Size Sport Utility Vehicle	10 YRS	1	\$ 48,000	\$ 48,000	HW	Replacement	1863
5	Mid-Size Sport Utility Vehicle	10 YRS	1	\$ 48,000	\$ 48,000	HW	Replacement	1863
6	Mid-Size Sport Utility Vehicle	10 YRS	1	\$ 48,000	\$ 48,000	HW	Replacement	1863

GN	\$ 63,000
HW	\$ 240,000
Total	<u>\$ 303,000</u>

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2023**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	Heavy Duty Turf Utility Vehicle	10	1	\$ 69,000	\$ 69,000	GC	Repl	Ala Wai golf course
2	Rotary Contour Mower, 5 -gang rotary decks	10	1	\$ 75,000	\$ 75,000	GC	Repl	Pali Golf Course
3	Gas Utility cart/hauler	7	1	\$ 12,000	\$ 12,000	PD	Rep.	Zoo Animal Exhibit
4	175 Gallon Turf Sprayer	10	1	\$ 65,000	\$ 65,000	GC	Repl	Ted Makalena Golf Course
5	Fairway mower, 5-reel decks, 7 bladed, with canopy and ROPS	10	1	\$ 85,000	\$ 85,000	GC	Repl	West Loch Golf Course
6	Small Tractor with backhoe and loader attachments	10	1	\$ 35,000	\$ 35,000	GC	Repl	Ewa Villages Golf Course
				GC	\$ 329,000			
				PD	\$ 12,000			
				Total	<u>\$ 341,000</u>			

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
DEPARTMENT OF ENVIRONMENTAL 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	20224 2008 FREIGHTLINER M2 Flatbed	6	1	\$ 125,000	\$ 125,000	WF	Repl	2045
2	27265 2017 PETERBILT 320 ASL (damaged after accident)	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
3	33139 2014 FREIGHTLIN M2 112 Tanker	6	1	\$ 150,000	\$ 150,000	WF	Repl	2053
4	33140 2014 FREIGHTLIN M2 112 Tanker	6	1	\$ 150,000	\$ 150,000	WF	Repl	2053
5	19540 2013 INTL 7600 SBA Roll-off	6	1	\$ 160,000	\$ 160,000	WF	Repl	2053
6	19551 2013 INTL 7600 SBA Roll-off	6	1	\$ 160,000	\$ 160,000	WF	Repl	2053
7	19552 2013 INTL 7600 SBA Roll-off	6	1	\$ 160,000	\$ 160,000	WF	Repl	2053
8	27276 2015 PETERBILT 320 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
9	20264 2015 INTL 4300 SBA 4X2 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	New	2045
10	47369 2009 MAC TNSP28SS502 End Dump	6	1	\$ 350,000	\$ 350,000	WF	New	2053
11	47370 2009 MAC TNSP28SS502 End Dump	6	1	\$ 350,000	\$ 350,000	WF	New	2053
12	27242 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
13	27244 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
14	27245 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
15	27243 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
16	27247 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
17	27246 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
18	27238 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
19	27241 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
20	27240 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
21	27239 2016 AUTOCAR ACX64 Side Loader	6	1	\$ 350,000	\$ 350,000	WF	Repl	2045
22	48065 1993 CATERP DP45D Forklift	6	1	\$ 75,000	\$ 75,000	WF	Repl	2053
23	28545 2016 INTL 7500 SBA 25CY RL	6	1	\$ 250,000	\$ 250,000	WF	Repl	2045
24	28550 2016 PETERBILT 348 25CY RL	6	1	\$ 250,000	\$ 250,000	WF	Repl	2045
25	28544 2016 INTL 7500 SBA 25CY RL	6	1	\$ 250,000	\$ 250,000	WF	Repl	2045
26	20263 2015 INTL 4300 SBA 4X2 Flatbed	6	1	\$ 125,000	\$ 125,000	WF	Repl	2045
27	14090 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
28	14089 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
29	14091 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
30	10904 2012 FORD FIESTA	6	1	\$ 25,000	\$ 25,000	WF	Repl	2040

<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>
31	14983 2008 FORD F250	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
32	14985 2008 FORD F250	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
33	14081 2012 FORD F150XL	6	1	\$ 50,000	\$ 50,000	WF	Repl	2045
34	14087 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
35	14088 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
36	14092 2012 FORD F250XL	6	1	\$ 75,000	\$ 75,000	WF	Repl	2045
37	14127 2014 FORD F150XL	6	1	\$ 50,000	\$ 50,000	WF	Repl	2053
38	14128 2014 FORD F150XL	6	1	\$ 50,000	\$ 50,000	WF	Repl	2053
39	14129 2014 FORD F150XL	6	1	\$ 50,000	\$ 50,000	WF	Repl	2053
40	FORD F150XL (replacing 18411 2014 DODGE GRAND CARA	6	1	\$ 50,000	\$ 50,000	WF	Repl	2040
41	FORD F150XL (replacing 18412 2014 DODGE GRAND CARA	6	1	\$ 50,000	\$ 50,000	WF	Repl	2040
42	FORD F150XL (replacing 18413 2014 DODGE GRAND CARA	6	1	\$ 50,000	\$ 50,000	WF	Repl	2040
43	10902 2012 FORD ESCAPE XLT	6	1	\$ 30,000	\$ 30,000	WF	Repl	2045
44	10917 2012 CHEVROLET EQUINOX LS	6	1	\$ 30,000	\$ 30,000	WF	Repl	2045
45	35162 2016 VOLVO VNM64T200 Tractor	6	1	\$ 150,000	\$ 150,000	WF	Repl	2053
46	35164 2016 VOLVO VNM64T200 Tractor	6	1	\$ 150,000	\$ 150,000	WF	Repl	2053
47	35163 2016 VOLVO VNM64T200 Tractor	6	1	\$ 150,000	\$ 150,000	WF	Repl	2053
48	51130 1993 MELROE 743B Skidsteer	6	1	\$ 125,000	\$ 125,000	WF	Repl	2053
49	47483 2016 LOADKING 352 DFP Low Boy	6	1	\$ 85,000	\$ 85,000	WF	New	2053
50	51162 2006 CATERP 966H Loader	6	1	\$ 850,000	\$ 850,000	WF	Repl	2053
51	Rubber Tired Loader	6	1	\$ 850,000	\$ 850,000	WF	Repl	2053
52	40020 1989 CATERP 130G Grader	6	1	\$ 225,000	\$ 225,000	WF	Repl	2053
53	37118 1993 SULLAIR 125GPQ	6	1	\$ 225,000	\$ 225,000	WF	Repl	2053
54	37120 1993 SULLAIR 185	6	1	\$ 225,000	\$ 225,000	WF	Repl	2053
55	D8 Dozer	6	1	\$ 1,100,000	\$ 1,100,000	WF	Repl	2053
56	Street Sweeper	6	1	\$ 500,000	\$ 500,000	WF	Repl	2053
TOTAL					\$12,775,000			

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
DEPARTMENT OF FACILITY MAINTENANCE

<u>Dept</u> <u>Priority</u>	<u>DIV</u> <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	1	Truck, Utility Crew Cab w/square aluminum	12	4	\$ 140,000	\$ 560,000	HW	Replace	2073-Waianae
							HW	Replace	2073-Waianae
							HW	Replace	2071-Pearl City
							HW	Replace	2071-Pearl City
2	2	Crane, 40' - 25 ton lattice boom Mobile	15	1	\$ 900,000	\$ 900,000	HW	Replace	2080-Stream Cleaning
3	3	Truck, Flatbed, Stakebed w/ 350 GL. Water	12	1	\$ 85,000	\$ 85,000	HW	Replace	2067-Roadside
4	1	VAN, full-size, 1T cargo with KUV body, specialized plumbing shelving.	10	1	\$ 80,000	\$ 80,000	GN	Replace	1822- R&M
5	2	TRUCK, 3/4-ton with utility body.	10	2	\$ 80,000	\$ 160,000	GN	Replace	1822 - R&M
6	3	CARGO VAN, full-size, Transit style, specialized shelving	10	1	\$ 55,000	\$ 55,000	HW	Replace	1828 - TEMS Comm
7	4	FLATBED TRUCK, stake, with masonry compartments, water tank, and air compressor.	10	1	\$ 125,000	\$ 125,000	HW	Replace	1826 - STREET LIGHTING
8	5	AERIAL BUCKET TRUCK, 30-ft.	10	1	\$ 300,000	\$ 300,000	HW	Replace	1826 - STREET LIGHTING
9	6	RIDE-ON MOWER, zero-turn radius with trailer	10	4	\$ 25,000	\$ 100,000	HW	Replace/New	1823 - CUS
10	7	PICKUP TRUCK, 1/2-ton with lockable fly-wing bed storage compartment, strobes, and arrow bar	10	1	\$ 35,000	\$ 35,000	HW	New	1826 - STREET LIGHTING (TPP)
11	8	SUV, mid-sized	10	1	\$ 35,000	\$ 35,000	GN	Replace	1825 - MOTOR POOL
12	9	STATION WAGON, compact	10	2	\$ 40,000	\$ 80,000	GN	Replace	1825 - MOTOR POOL
13	10	CARGO VAN, Transit style wth taxi package	10	1	\$ 40,000	\$ 40,000	HW	Replace	1827 - GEN WAREHOUSE
14	11	CARGO VAN, Transit style wth taxi package	10	1	\$ 40,000	\$ 40,000	GN	Replace	1822 R&M
16	4	Street Sweeper, Regenerative Air	12	2	\$ 300,000	\$ 600,000	HW	Replace	2071-Pearl City
							HW	Replace	2076-Kaneohe
17	5	Equipment, Loader/Backhoe w/extended hoe.	12	1	\$ 165,000	\$ 165,000	HW	Replace	2071-Pearl City

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
DEPARTMENT OF FACILITY MAINTENANCE

<u>Dept</u> <u>Priority</u>	<u>DIV</u> <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>
18	6	Truck, Tank, Herbicide 1,200 gal. w/300 gal. mixing tank.	12	1	\$ 180,000	\$ 180,000	GN	Replace	2067-Roadside
19	7	Van, Cargo	12	1	\$ 40,000	\$ 40,000	GN	Replace	2063-Admin.
20	8	Truck, 12' Flatbed, Stakebed w/Lift Gate	12	3	\$ 85,000	\$ 255,000	HW	Replace	2075-Laie
							HW	Replace	2072-Wahiawa
							HW	Replace	2068-Signs & Marking
21	9	Equipment, Milling Machine, Large (Cold Planer)	15	1	\$ 400,000	\$ 400,000	HW	Replace	2065-Road Repair
23	10	Sedan, 4-door Compact	12	6	\$ 35,000	\$ 210,000	GN	Replace	2063-Admin.
							GN	Replace	2063-Admin.
							GN	Replace	2063-Admin.
							GN	Replace	2063-Admin.
							GN	Replace	2063-Admin.
							GN	Replace	2063-Admin.

HW \$ 3,620,000

GN \$ 825,000

\$ 4,445,000

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY 2023**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	Truck, 1 1/2 Ton, 4 WD, Diesel, Dump bed, Under body tool boxes, Mounted tarp system	10	1	\$ 70,000	\$ 70,000	GN	N	MSS
2	Truck, 1/2 Ton, XL Super duty, Diesel, Tool boxes, Lift gate, Power stroke, Turbo diesel V8	10	1	\$ 45,000	\$ 45,000	GN	R	MSS
3	Truck, 1 1/2 Ton, Crew cab, Utility body with dump bed	10	1	\$ 65,000	\$ 65,000	GN	R	MSS
4	Cubed Cargo Van with lift gate	10	1	\$ 70,000	\$ 70,000	GN	R	Admin
5	Tractor, W/ballpark groomer, Renovator attachments, Edger, Sod cutter, Power rake, Power bucket, Broom KJ520	5	1	\$ 40,000	\$ 40,000	GN	N	MSS
6	Truck, 1 Ton, Utility, 4 WD, Material rack, Lift gate	10	1	\$ 69,000	\$ 69,000	GN	R	GM4
7	Aerial lift truck, with utility body, towing package, emergency lighting, hide-a-way strobe, and traffic advisor, 31,000 GVW	10	1	\$ 275,000	\$ 275,000	GN	R	DUF/HORT
8	Truck	10	1	\$ 70,000	\$ 70,000	GN	N	GM
9	Wide Area Mower (WAM)	5	2	\$ 140,000	\$ 280,000	GN	N	GM
10	Trailer for WAM	10	2	\$ 30,000	\$ 60,000	GN	N	GM
11	Truck	10	2	\$ 70,000	\$ 140,000	GN	N	GM
12	Back End Loader	10	1	\$ 225,000	\$ 225,000	GN	N	GM

Total \$ 1,409,000

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
DEPARTMENT OF THE PROSECUTING ATTORNEY

<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	Sedan, Compact	10	2	\$ 27,000	\$ 54,000	GN	New	0603-4310
Total					<u>\$ 54,000</u>			

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023

DEPARTMENT OF TRANSPORTATION SERVICES (Includes Oahu Transit Services (OTS) Equipment)

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund Repl/New		Activity
1	36 Foot Boom Trucks	12 yr	1	\$ 180,000	\$ 180,000	HW	Rep	Traffic Signals Yard (1634)
2	hitch, strobe lights, service rack, and service body	12 yr	2	\$ 64,350	\$ 128,700	HW	Rep	Traffic Signals Yard (1634)
3	Forklift	12 yr	1	\$ 49,000	\$ 49,000	HW	New	Traffic Signals Yard (1634)
4	Sedan, Mid-Size	12	1	\$ 28,000	\$ 28,000	HW	Repl	DTS1614
5	Sedan, Compact (\$27,000) with strobe (\$2,200)	7	1	\$ 29,200	\$ 29,200	BT	New	DTS1684 Rail Operations and Maintenance Branch
6	Vehicle, Compact (\$30,000) with strobe (\$2,200) and	7	1	\$ 33,200	\$ 33,200	BT	New	DTS1684 Rail Operations and Maintenance Branch
7	Vehicle, Compact (\$30,000) with strobe (\$2,200) and	7	1	\$ 33,200	\$ 33,200	BT	New	TBD - Rail Facilities Management and Maintenance Branch
8	Ton, 2WD, extended cab (\$41,800) with strobe (\$2,200) and	7	7	\$ 45,000	\$ 315,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
9	Ton, 2WD, extended cab (\$42,900) with strobe (\$2,200) and	7	2	\$ 46,100	\$ 92,200	BT	New	TBD - Rail Facilities Management and Maintenance Branch
10	2WD, extended cab (\$44,000) with strobe (\$2,200) and	7	1	\$ 47,200	\$ 47,200	BT	New	TBD - Rail Facilities Management and Maintenance Branch

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023

DEPARTMENT OF TRANSPORTATION SERVICES (Includes Oahu Transit Services (OTS) Equipment)

<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>
11	Scissor Lift, 32 ft. Working Height @ \$25,000 each	10	2	\$ 25,000	\$ 50,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
12	Forklift, 3,500 lb. Capacity @ \$50,000 each	10	1	\$ 50,000	\$ 50,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
13	Landscaping Trailer for mowers @ \$15,000 each	10	2	\$ 15,000	\$ 30,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
14	Riding Lawn Mowers @ \$14,000 each	10	2	\$ 14,000	\$ 28,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
15	Trailer, drop deck, to move scissor lifts @ \$18,000 each	10	1	\$ 18,000	\$ 18,000	BT	New	TBD - Rail Facilities Management and Maintenance Branch
16	Mobile Column Lifts	15	1	\$ 60,000	\$ 60,000	BT	Repl	OTS Maintenance - HV
17	Parts Picker	10	1	\$ 40,000	\$ 40,000	BT	Repl	OTS Maintenance Bus
18	Road Supervisor Vehicle - Fixed Route	12	9	\$ 45,000	\$ 405,000	BT	Repl	OTS Maintenance Bus

HW \$ 385,700
 BT 1,231,000
\$ 1,616,700

PROCUREMENT OF MAJOR EQUIPMENT (1998602) - FY2023
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 4-WD Trucks	10 Years	4	\$ 55,000	\$ 220,000	GN	New	Ocean Safety
2	Mobile Office Containers	15 Years	2	\$ 50,000	\$ 100,000	GN	New	Ocean Safety
3	Ambulances	10 Years	4	\$ 300,000	\$ 1,200,000	GN	Rep	EMS
4	Fork Lift	10 Years	1	\$ 37,000	\$ 37,000	GN	New	EMS
5	Delivery Van	10 Years	1	\$ 50,000	\$ 50,000	GN	New	EMS

Total \$ 1,607,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

1996007 CIVIC CENTER IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Municipal Reference Center - Mechanical Improvements - Replace Air Handler Unit	6				550,000				550,000
2	Fasi Municipal Building Entrance Security Improvements	6			225,000					225,000
3	Honolulu Hale Window Replacement, IDIQ	6				350,000				350,000
4	Unanticipated improvements	6		10,000	10,000	275,000	10,000	70,000		375,000
TOTAL			-	10,000	235,000	1,175,000	10,000	70,000	-	1,500,000

Project # Project Title

GENERAL GOVERNMENT (PUBLIC FACILITIES - ADDITIONS AND IMPROVEMENTS) - FY23 CIP

2019090 ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE

	Project	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Alapai Transit Center Part A - Install three (3) on-route eBus chargers using overhead pantograph and depot charging for approximately fifteen (15) buses, including HECO transformers and switchgear.	6				2,790,000				2,790,000
2	Alapai Transit Center Part B - Off-site electrical work (~4,500 l.f.) to install new underground electrical conduits linking four (4) HECO manholes at the intersection of Kapiolani Blvd, South St and King St to the JTMC Parking structure.	6				4,273,000				4,273,000
3	Pearl City Bus Facility - Phase 2 Plan, design and construction of a depot charging facility with charge spots for approx eighty four (84) 40-foot electric buses.	8		100,000	1,300,000					1,400,000
TOTAL				100,000	1,300,000	7,063,000				8,463,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

1998007 ENERGY CONSERVATION IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kapolei Hale Parking Lot - EV Charging Station	1				1,000,000				1,000,000
2	EV Charging Stations	99		100,000	700,000					800,000
TOTAL			-	100,000	700,000	1,000,000	-	-	-	1,800,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

2014131 HONOLULU HALE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Second Floor Improvements	6			1,000,000					1,000,000
	TOTAL		-	-	1,000,000	-	-	-	-	1,000,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

2020072 MUNICIPAL PARKING FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Marin Tower Parking Structure Ventilation System Improvements	6			1,000	800,000	1,000			802,000
	TOTAL		-	-	1,000	800,000	1,000	-	-	802,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

2004050 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MODIFICATION FOR CORP YARD										
		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Wahiawa Yard Dewatering Facility	99			490,000	10,000				500,000
	TOTAL		-	-	490,000	10,000	-	-	-	500,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 CIP

1987042 PUBLIC BUILDING FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Royal Hawaiian Band - Wastewater NPDES Improvements	4			50,000	250,000				300,000
2	51 Merchant Building Improvements	6				100,000				100,000
3	Traffic Management Center - Fire Alarm System Replacement - 740 Kinalau Place	6			150,000					150,000
4	Unanticipated mechanical, electrical, plumbing and other facilities improvements	99		10,000	10,000	410,000	10,000	10,000		450,000
TOTAL			-	10,000	210,000	760,000	10,000	10,000	-	1,000,000

Project # Project Title

GENERAL GOVERNMENT (Public Facilities - Additions and Improvements) - FY23 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) - FY23 CIP

1971153	LAND EXPENSES	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Provision of funds for incidental land expenses such as for additional lands and easements, appraisals, relocation assistance, 99 document fees, and other related land expenses		175,000						25,000	200,000
	TOTAL		175,000						25,000	200,000

PUBLIC SAFETY

Project # Project Title

PUBLIC SAFETY - (Police Stations and Buildings) - FY23 CIP

2015082 HPD HEADQUARTERS IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	HPD Headquarters Fire Alarm System Upgrade	6				1,750,000	250,000			2,000,000
2	HPD Headquarters Second Floor Courtyard Waterproofing & Storm Drain Improvements	6			100,000	400,000				500,000
3	Unanticipated Mechanical, Electrical, Plumbing Improvements	99			10,000	30,000	10,000			50,000
TOTAL			-	-	110,000	2,180,000	260,000	-	-	2,550,000

Project # Project Title

PUBLIC SAFETY - (Police Stations and Buildings) - FY23 CIP

2002025 POLICE STATIONS BUILDINGS IMPROVEMENTS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1 Chinatown Police Station Fire Alarm System Upgrade	6				500,000				500,000
2 Training Academy Additional Parking and Pavement Improvements	8			80,000					80,000
3 Fuel Pump & AFMS Replacement at Alapai, Kalihi, Kaneohe, Kailua, Kahuku	99			10,000	600,000	10,000			620,000
5 Ewa Warehouse Sewage Pipe Replacement	1				750,000				750,000
6 Unanticipated Mechanical, Electrical, Plumbing Improvements	99			10,000	30,000	10,000			50,000
TOTAL		-	-	100,000	1,880,000	20,000	-	-	2,000,000

Project # Project Title

PUBLIC SAFETY - (Police) - FY 23 CIP

2005028 HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISITION

	CD Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
Honolulu Police Department *	99					3,960,000		3,960,000
TOTAL						3,960,000		3,960,000

CD denotes Council District

*See attached departmental list for equipment detail.

HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISITION - FY 2023

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	40	\$ 73,000	\$ 2,920,000	GN	Rep
Motorcycle	7	26	\$ 40,000	\$ 1,040,000	GN	Rep

TOTAL

3,960,000

Project # Project Title

PUBLIC SAFETY - (Fire Stations and Buildings) - FY 2023 CIP

1998021 FIRE STATION BUILDING IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Asbestos Abatement - Selected Fire Stations	99				200,000				200,000
2	Training Center - Roadway Improvements	8				1,500,000				1,500,000
3	Sunset Beach Fire Station (11) - Underground Storage Tank (UST) to Aboveground Storage Tank (AST) Conversion	2				700,000				700,000
4	Fire Station Festoon Charging System Improvements - Selected Fire Stations	99			30,000	250,000				280,000
5	Kailua Fire Station (18) - Kitchen Hood & Duct Replacement	3			20,000	100,000				120,000
6	Waimanalo Fire Station (27) - Kitchen Hood & Duct Replacement	3			20,000	100,000				120,000
7	Waianae Fire Station (26) - Emergency Generator Replacement	1			80,000					80,000
8	Kahaluu Fire Station (26) - Emergency Generator Replacement	3			80,000					80,000
9	PPE Extractor Installation - Selected Fire Stations	99			200,000					200,000
10	Other unanticipated structural, mechanical, plumbing and related improvements	99		10,000	10,000	780,000	10,000	10,000		820,000
TOTAL				10,000	440,000	3,630,000	10,000	10,000		4,100,000

Project # Project Title

PUBLIC SAFETY - (Fire) - FY23 CIP

2005021 HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION

	CD Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
Honolulu Fire Department*	99					12,800,000		12,800,000
TOTAL						12,800,000		12,800,000

CD denotes Council District

*See attached departmental list for equipment detail.

HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION - FY 2023

HONOLULU FIRE 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>
Twin Engine MD902 Helicopter	25	1	\$ 12,000,000	\$ 12,000,000	GI	New
Tanker Apparatus	12	1	\$ 800,000	\$ 800,000	CDBG	Replace

TOTAL

12,800,000

CD denotes Council District

*See attached departmental list for equipment detail.

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY23 CIP

1999311 COMPUTERIZED TRAFFIC CONTROL SYSTEM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
	Ewa area (Design)									
1	Fort Weaver Rd & Keaunui Dr	1			300,000					300,000
2	Fort Weaver Rd & Keoneula Blvd	1			300,000					300,000
3	Fort Weaver Rd & Kaimalie St	1			300,000					300,000
4	Fort Weaver Rd & Kuhina St	1			300,000					300,000
5	Fort Weaver Rd & Papipi Rd	1			300,000					300,000
6	Fort Weaver Rd & Aikanaka Rd	1			300,000					300,000
7	Fort Weaver Rd & Kimopelekane Rd	1			300,000					300,000
8	Keoneula Blvd & Kaileolea Dr	1			350,000					350,000
9	Keaunui Dr & Iroquois Rd	1			350,000					350,000
	CONSTRUCTION									
1	Farrington Hwy @ Mailiili Rd	1				550,000	100,000			650,000
2	Farrington Hwy @ Leihoku St	1				500,000	100,000			600,000
3	Farrington Hwy @ Puhano St	1				410,000	100,000			510,000
4	Farrington Hwy @ Lualualei Hmstd Rd	1				410,000	100,000			510,000
5	Farrington Hwy @ Waianae Valley Rd	1				410,000	100,000			510,000
6	Farrington Hwy @ Plantation Rd	1				425,000	100,000			525,000
7	Farrington Hwy @ Kaulokalani	1				465,000	100,000			565,000
8	Farrington Hwy @ Ala Akau St	1				450,000	100,000			550,000
9	Farrington Hwy @ Waianae High Sch	1				480,000	100,000			580,000
10	Farrington Hwy @ Makaha Valley Rd	1				550,000	100,000			650,000
	BROADBAND									
11	Broadband design (multi-term)				2,500,000					2,500,000
12	Waianae facilities - bus transit center, District Park, Satellite City Hall, Kipapa Park, Makaha Beach	1				4,000,000	300,000			4,300,000
					5,300,000	8,650,000	1,300,000			15,250,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY23 CIP

2020028 OAHU TRAFFIC SIGNAL CONTROLLER MODERNIZATION

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various Locations on Oahu	99			200,000	5,000,000	1,875,000			7,075,000
TOTAL					200,000	5,000,000	1,875,000			7,075,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY23 CIP

2010030 TRAFFIC ENGINEERING DEVICES AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	TEDVL Phase 4	99			250,000					250,000
2	TEDVL Phase 3	99				1,000,000	300,000			1,300,000
TOTAL				-	250,000	1,000,000	300,000	-	-	1,550,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY23 CIP

1996306 TRAFFIC IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Mahoe Street Improvements	9 HW FG				700,000 2,800,000	160,000 640,000			860,000 3,440,000
2	Kalakaua Avenue Mid Block Shared Use Crossing	4 HW FG			122,000 488,000					122,000 488,000
TOTAL			-	-	610,000	3,500,000	800,000	-	-	4,910,000

Project # Project Title

PUBLIC SAFETY (Traffic Improvements) - FY23 CIP

1999312 TRAFFIC SIGNALS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Meheula Pkwy & Kuahealani Ave (Left turn)	9			138,000					138,000
2	Kapolei Pkwy & Kunehi St (New Signal)	1			138,000					138,000
3	Kapolei Pkwy & Kahiuka St (New Signal)	1			138,000					138,000
4	Ward Ave & Mid-Block Xwalk (New Signal)	5			138,000					138,000
5	Komo Mai Dr & Hoolaulea St (Upgrade/add pedestrian crossing)	8			138,000					138,000
6	Kapiolani Blvd & Kaimuki Ave (Left Turn)	4				1,600,000	250,000			1,850,000
7	Salt Lake Blvd & Radford Dr (Left Turn, ewa bound)	7				720,000	210,000			930,000
8	Moanalua Rd & Ualo St	8				715,000	210,000			925,000
9	Nehoa St & Mott-Smith Dr (Left Turn)	5				715,000	205,000			920,000
10	Kalaeloa Boulevard Railroad Signalization	1				100,000	24,000			124,000
TOTAL					690,000	3,850,000	899,000			5,439,000

Project # Project Title

PUBLIC SAFETY - (Flood Control) - FY23 CIP

2000101 FLOOD CONTROL IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kapalama Canal Wall Emergency Repair	7				2,000,000	200,000			2,200,000
2	Kuliouou Ditch Dredging (btwn Kuliouou Rd & Elelupe Rd)	4		10,000	290,000					300,000
3	Makiki Ditch	6	10,000		490,000					500,000
4	Waialae Nui Channel	5				2,700,000	200,000			2,900,000
5	Wailani Stream	7			400,000					400,000
6	435 Portlock Rd Channel Wall	4		10,000	490,000					500,000
TOTAL			10,000	20,000	1,670,000	4,700,000	400,000	-		6,800,000

Project # Project Title

PUBLIC SAFETY - (Other Protection-Miscellaneous) - FY23 CIP

2005002 DRAINAGE OUTFALL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	1266 Palolo Ave	5	10,000	10,000	360,000	10,000	10,000	-		400,000
2	Paiko Dr	4			300,000					300,000
3	Mokulua Drive Beach Access Outfalls	3		300,000						300,000
4	Makau St Drain Line Improvements	1			100,000					100,000
5	Kawainui Stream Flood Control Outlets Improvements	3			50,000					50,000
6	Flood Control Flap Gate Improvements at Various Locations	99			25,000					25,000
TOTAL			10,000	310,000	835,000	10,000	10,000	-		1,175,000

Project # Project Title

PUBLIC SAFETY (Other Protection-Miscellaneous) - FY23 CIP

2001154 ROCK SLIDE POTENTIAL INSPECTIONS AND MITIGATIVE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Aiea Heights Dr	6			100,000					100,000
2	Koko Dr	4				500,000	5,000			505,000
3	Laukahi St	4			100,000					100,000
4	Makiki Heights Dr	6	5,000	5,000	190,000					200,000
5	Pacific Heights	6			300,000					300,000
6	Puowaina Dr	6			200,000					200,000
7	Round Top Dr	6			100,000					100,000
TOTAL			5,000	5,000	990,000	500,000	5,000	-	-	1,505,000

Project # Project Title

PUBLIC SAFETY (Other Protection Miscellaneous) - FY23 CIP
2002080 TELECOMMUNICATIONS FACILITIES UPGRADE

		CD	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kahuku Police Station Radio Room Upgrade and Related Improvements	2	-	-	600,000		-		600,000
2	Wahiawa Police Station Microwave Radio Spur Upgrade (Air Conditioning System, Electrical, Roof)	2	5,000	20,000	310,000	-	-		335,000
3	Kapolei Police Station Microwave Radio Spur	1		75,000	10,000				85,000
4	Kawela Site Radio Communications Facilities Improvements	2	60,000	40,000					100,000
5	Keaau Beach Generator & Fuel Tank Upgrade	1		100,000	10,000				110,000
TOTAL			65,000	235,000	930,000	-	-		1,230,000

HIGHWAYS AND STREETS

Project # Project Title

HIGHWAYS AND STREETS (Bikeways and Bikepaths) - FY23 CIP

1979063 BIKEWAY IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Isenberg Road Diet	5			100,000					100,000
2	Keolu Drive Bike Lane Extension	3		200,000						200,000
3	Ke Ala Pupukea Planning	2		200,000						200,000
4	Haleiwa Multi-Use Path	2			200,000					200,000
5	Pearl Harbor Contingency	8				300,000	50,000	5,000		355,000
TOTAL			-	400,000	300,000	300,000	50,000	5,000	-	1,055,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 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) - FY23 CIP

1998515 GUARDRAIL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	44-395 Kaneohe Bay Drive, 2777 Pacific Heights Rd, Pupukea Rd Hairpin, 45-1171 Makamae St	99				885,000	15,000			900,000
2	IDIQ	99			10,000	500,000	15,000			525,000
3	Lilipuna Rd - Haunani Pl, Paalaa Rd Bridge, Kuulauli Pl	99	5,000		195,000					200,000
TOTAL			5,000		205,000	1,385,000	30,000	-	-	1,625,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM		TO		LANE MILES			
	Rehabilitation of Streets Unit 73A									
	Anoi Rd	3	Paleka Rd		End		0.27			
	Haiku Rd	3	Kamehameha Hwy		Kahekili Hwy		3.2			
	Kamehameha Hwy	3	Likelike Hwy		Haiku Rd		8.7			
	Keeahala Rd	3	Kamehameha Hwy		Kamau Pl		1.300			
	Luana Pl	3	Paleka Rd		End		0.330			
						Total:	13.800			
	Rehabilitation of Streets Unit 85A									
	Laukahi St	4	Kalaniana'ole Hwy		Kamole St		1.630			
	Rehabilitation of Streets Unit 89B									
	Kapiolani Blvd	5	Atkinson Dr		Ward Ave		7.376			
	Rehabilitation of Streets Unit 90									
	Nuuanu Ave	6	School St		Wyllie St		4.900			
	Rehabilitation of Streets Unit 93	2								
	Kamehameha Hwy	2	Opaeha Stream		Anahulu River Bridge		1.860			
	Rehabilitation of Localized Streets Phase 17									
	Anoni St.	2	Kilani Ave.		California Ave.		0.305			
	Auhili Pl.	2	California Ave.		End		0.128			
	California Avenue	2	Kam Hwy.		Malulu Pl.		5.736			
	Cypress Ave.	2	California Ave.		End		0.364			
	Halakahiki Pl.	2	California Ave.		End		0.111			
	Holoku Pl.	2	Kilani Ave.		End		0.238			
	Ilima St.	2	California Ave.		Kilani Ave.		0.239			
	Ilima St.	2	Kilani Ave.		End		0.403			
	Imaka Pl.	2	Kilani Ave.		End		0.032			
	Kaalalo Pl.	2	California Ave.		End		0.064			
	Kaliponi Pl.	2	Kaliponi St.		End		0.067			
	Kaliponi St.	2	Kilani Ave. (West)		California Ave.		10.137			
	Kaluhea St.	2	Kilani Ave.		Lanialili St.		0.345			
	Kilani Ave.	2	California Ave.		Kam Hwy.		2.64			
	Kilani Pl.	2	Kilani Ave.		End		0.033			
	Koele Way	2	California Ave.		Olive St.		0.143			
	Kukui St.	2	Kilani Ave.		California Ave.		0.289			
	Lake View Cir.	2	Wilikina Dr.		Lake View Cir. End		0.198			
	Lanialili St.	2	Kilani Ave.		Kaliponi St.		0.275			
	Lauone Lp.	2	Malupu Pl.		California Ave.		0.884			
	Lauone Pl.	2	Lauone Lp.		End		0.042			
	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			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD FROM		TO			LANE MILES			
	Mahele St.	2	California Ave.	Kilani Ave.			0.241			
	Maia St.	2	Kilani Ave.	End			0.253			
	Malulu Pl.	2	Lauone Lp.	End			0.098			
	Mikimiki Pl.	2	California Ave.	End			0.064			
	Milikana Pl.	2	Olive St.	End			0.154			
	Nihiwai Pl.	2	Kilani Ave.	End			0.045			
	Ohai Pl.	2	Ohai St.	End			0.135			
	Ohai St.	2	Kam Hwy.	California Ave.			0.464			
	Olive Ave.	2	Cypress Ave. End	Kam Hwy.			0.167			
	Pakauwili Dr.	2	Holulu Pl.	Holulu Pl.			0.326			
	Panepoo Pl.	2	Kaliponi St.	End			0.033			
					Total:		16.335			
Rehabilitation of Localized Streets Phase 24A										
	Ahohui St	2	Hoahui St	Halekua St			0.139			
	Ahokele St	2	Meheula Pkwy	End			0.311			
	Haalilo Pl	2	Haalilo St	End			0.311			
	Haalilo St	2	Lehiwa Dr	End			0.470			
	Hainole Pl	2	Kapanoe St	225 Hainole Pl			0.148			
	Hoahui St	2	Ahohui St	End			0.306			
	Kaapeha St	2	Makaikai St	Auna St			1.388			
	Kaeolau Pl	2	Haalilo St	End			0.236			
	Kaeolau Way	2	Kaeolau Pl	End			0.057			
	Kapanoe Pl	2	Kapanoe St	End			0.345			
	Kapanoe St	2	Meheula Pkwy	1202 Kapanoe St			0.934			
	Kelakela Pl	2	Kelakela Pl	End			0.061			
	Kelakela St	2	Melekomo St	1124 Kelakela St			1.118			
	Keni Pl	2	Keni St	End			0.048			
	Keni St	2	Kapanoe St	1066 Keni St			0.190			
	Koliliko St	2	1037 Koliliko St	1000 Koliliko St			0.224			
	Koolani Dr	2	Ukuwai St	Hoolu St			0.955			
	Kuauli St	2	Kaapeha St	End			0.687			
	Kuheha St	2	1037 Kuheha St	1000 Kuheha St			0.240			
	Lehiwa Dr	2	Mililani Middle School	Meheula Pkwy			2.945			
	Maalewa St	2	Melekomo St	Ukuwai St			0.219			
	Makaikai St	2	Meheula Pkwy	Kuheha St			2.035			
	Meheu St	2	Lehiwa Dr	Ulahea St			0.126			
	Melekomo Pl	2	Melekomo St	End			0.068			
	Melekomo St	2	1005 Melekomo St	End			0.577			
	Moelehua Pl	2	Melekomo St	End			0.16			
	Moohele Pl	2	Moohele St	End			0.071			
	Moohele St	2	Ukuwai St	Melekomo St			0.288			
	Ukuwai St	2	1050 Ukuwai St	856 Ukuwai St			1.745			
					Total:		16.402			
Rehabilitation of Localized Streets Phase 25A										
	Apoepoe St	8	Apoepoe Pl	Aamanu St			0.877			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000		35,500,000
LOCATION	CD FROM	TO		LANE MILES					
Aumakua St	8	Ahaiki St		Komo Mai Dr		2.216			
Aumakua St	8	Komo Mai Dr		Amokemoke St		1.773			
Hoochai St	8	Hoolana St		2358 Hoochai St		3.282			
Hoochai Pl	8	Hoochai St		End		0.045			
Hoochoihoi St	8	Hoomoana St		2442 Hoochoihoi St		0.518			
Hookahi St	8	Hoolaulea St		Hoolaulea St		0.409			
Hoolana St	8	Waimano Home Rd		Hoomoana St		0.723			
Hoolawa Pl	8	Hoolaulea St		End		0.048			
Hoowae Pl	8	Hoochoihoi St		Hoolele St		0.686			
Hoou Pl	8	Komo Mai Dr		End		0.123			
Hualau Pl	8	Hoolaulea St		End		0.055			
Kaweloka St	8	Kuahaka St		Noelani St		0.664			
Lipoa Pl	8	Kamehameha Hwy		End		0.825			
Moanalua Lp	8	Moanalua Rd		Kaonohi St		0.959			
Waimano Home Rd	8	Moanalua Rd		Komo Mai Dr		3.840			
					Total:	17.043			
Rehabilitation of Streets Unit 94									
Campbell Ave	4	Kapahulu Ave		Monsarrat Ave		2.160			
Diamond Head Rd	4	Trousseau St		Lighthouse		0.859			
Leahi Ave	4	Kapahulu Ave		Monsarrat Ave		0.852			
Monsarrat Ave	4	Paki Ave		Trousseau St		1.909			
Paki Ave	4	Monsarrat Ave		Ala Wai Blvd		1.734			
					Total:	7.514			
Rehabilitation of Localized Streets Phase 26									
10th Ave	4	H-1 Freeway		Waialae		0.370			
18th Ave	4	Kilauea Ave		Diamond Head Rd		0.715			
22nd Ave	4	Kilauea Ave		Diamond Head Rd		0.918			
5th Ave	4	H-1 Freeway		Harding Ave		0.066			
Campbell Ave	4	Monsarrat Ave		Wauke St		0.114			
Collins St	4	Campbell Ave		Kepa St		0.136			
Harding Ave	4	5th Ave		Luawai St		1.370			
Kahala Ave	4	Hunakai St		Beach Park Entrance		1.498			
Kaimuki Ave	4	Kapahulu Ave		6th Ave		0.833			
Kepa St	4	Wauke St		Collins St		0.064			
Kilauea Ave	4	Makapuu St		Hunakai St		0.800			
Malia St	4	Kilauea Ave		Ainakoa Ave		1.265			
Mokihana St	4	Kapahulu Ave		Mooheau Ave		0.580			
Mooheau Ave	4	Kapahulu Ave		6th Ave		0.367			
Pahoa Ave	4	3rd Ave		10th Ave		0.600			
Paliuli	4	4th Ave		Mooheau Ave		0.258			
Trousseau St	4	Monsarrat Ave		Wauke St		0.061			
Wauke St	4	Campbell Ave		Trousseau St		0.333			
					Total:	10.348			
HONOLULU DISTRICT									
4th Ave	4	Kaimuki Ave		Mokihana Ave		0.883			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM		TO		LANE MILES			
	10th Ave	4	Launa Pl		Makanui Pl		0.088			
	16th Ave	4	1441A		End		0.191			
	Ahekololo St	6	Pacific Heights Road		Booth Road		0.258			
	Ahi Place	6	Pali Hwy		Puumele Pl		0.25			
	Ahipuu St	6	Pali Hwy		Pahoehoe Pl		0.115			
	Ahui St	6	Pohukaina St		Halekauwila St		0.265			
	Ahui St	6	Ilalo St		Olomehani St		0.348			
	Anianiku St	6	Auwaiolimu St		Kapahu St		0.293			
	Ainapo Pl	4	Ainapo St		End		0.05			
	Aipuni St	4	Hao St		Start of Concrete Section		0.045			
	Akepo Lane	4	King St		TMK: 1-5-006:021		0.118			
	Akepo Lane	4	TMK: 1-5-006:021		Dillingham Blvd		0.042			
	Akiaki Pl	4	1526 Akiaki Pl		End		0.123			
	Akilolo St	4	Wailupe Circle		Wailupe Circle		0.364			
	Akone Pl	6	Kalihi St		End		0.195			
	Ala Amoamo Pl	7	Ala Amomo St		End		0.06			
	Ala Aolooa Lp	7	Ala Aolani St (makai)		Ala Aolani St (mauka)		0.815			
	Ala Aolooa Pl	7	Ala Aolooa Lp		End		0.045			
	Ala Lani St	7	Ala Aolani St (makai)		Ala Aolani St (mauka)		1.428			
	Ala Makani Pl	7	Ala Aolani Lp		End		0.227			
	Ala Uwila Pl	7	Ala Aolani St		End		0.103			
	Alakawa St	6	Nimitz Hwy		Dillingham Blvd		1.576			
	Alapai St	6	S. King St		S. Beretania		0.417			
	Alapali Pl	4	Hibiscus Dr		End		0.078			
	Ala Wai Blvd	4	Kapahulu Ave		Kalakaua Ave		6.27			
	Ala Wai Blvd	4	Kalakaua Ave		Ala Moana Blvd		6.27			
	Alewa Dr	6	Wyllie St		Ilima Dr		0.868			
	Alewa Dr	6	Ilima Dr		Mamalu St		0.731			
	Alewa Dr	6	Malua Dr		TMK: 1-8-033:10		0.707			
	Alewa Dr	6	Nanaina Pl		Kualono St		0.115			
	Anapalau St	4	Kaumakani St		Koko Isle Cir		0.406			
	Anolani St	4	Anonia St		End		0.687			
	Anuu Pl	6	Kalihi St		End		0.129			
	Apio Lane	6	N. Judd St		End		0.173			
	Auahi St	6	South St		Coral St		0.527			
	Auahi St	6	Coral St		Koula St		0.38			
	Auahi St	5	Ward Ave		Kamakee St		0.866			
	Auwaiolimu St	5-6	Lusitana St		Pensacola St		2.699			
	Azores St	6	Kamamalu Ave		End		0.77			
	Beaumont Woods Pl	5	Paty Dr		End		0.427			
	Black Point	4	Diamond Head Rd		End		0.271			
	Booth Road	6	Pauoa Rd		Polulani Pl		1.237			
	Burbank St	6	Wyllie St		Coelho Way		0.171			
	Captain Cook Ave	6	Punchbowl		End		0.324			
	Cedar St	5	Rycroft St		S. King St		0.263			

Project # Project Title

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1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:	10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
LOCATION	CD FROM	TO		LANE MILES					
Coeiho Way	6	Nuuanu Ave		Burbank St					0.34
Cooke St	6	Aia Moana Blvd		Pohukaina St					0.596
Cooke St	6	Pohukaina St		Queen St					0.714
Cooke St	6	Queen St		Kapiolani Blvd					0.597
Cooke St	6	Kapiolani Blvd		S. King					0.5
Concordia St	6	Lusitana St		Puowaina Dr					0.081
Country Club Road	6	Pali Hwy		Puleiehua Way					0.3
Curtis St	6	Kawaihao St		Kapiolani Blvd					0.191
Dillingham Blvd	6-7	King St		Puu hale Rd					0.4458
Dole Street	5	2145 Dole St		Wilder Ave					0.247
Dole Street	5	Wilder Ave		Hooananea St					0.073
Dole Street	5	Hoonananea St		University Ave					0.385
Dole Street	5	University		Kanewai St					2.34
Dole Street	5	Kanewai St		St. Louis					0.496
Dowsett Ave	6	Pali Hwy		Alika Ave					0.388
Dowsett Ave	6	Alika Ave		Pelekane Dr					0.431
Elua St	6	1594 Elua St		End					0.027
Eu Lane	6	Hikina Lane		End					0.02
Haiki Place	5	Round Top		Dead End					0.096
Halehaka St	4	Halekoa Dr		Halekoa Dr					0.523
Halekauwila St	6	Ward Ave		Cooke St					0.75
Halekauwila St	6	Cooke St		South St					0.982
Halekauwila St	6	South St		Punchbowl St					0.45
Halekauwila St	6	Punchbowl St		Richards St					0.716
Halekoa Drive	4	Ainakoa Ave		Makai End					0.307
Halekoa Pl	4	Halekoa Dr		End					0.205
Hale Makai St	6	S. Beretania St		S. Hotel St					0.136
Haleola St	4	Haleola Pl		Halepa Pl					0.14
Hao St	4	Nohu St		Hema Pl					0.174
Hao St	4	Keakealani St		Pilikai St					0.245
Haulki St	6	N. School St		Kino St					0.476
Hikina Lane	6	N. King St		End					0.119
Hind Iuka Dr	4	Mona St		End					2.093
Hiolani Pl	6	Booth Rd		End					0.067
Hobron Lane	4	Ena Rd		Hobron Lane					0.333
Hobron Lane	4	Aia Moana Blvd		Lipeepe St					0.115
Holona Pl	6	Dowsett Ave		End					0.045
Houghtailing St	6	Lunalilo Fwy		Peterbuck St					0.608
Houghtailing St	6	Kohou St		Alani St					0.86
Houghtailing St	6	Konia St		Kelia Dr					0.508
Huli St	6	N. Kuakini St		Huna St					0.126
Ihiloa Pl	4	Ihiloa Lp		End					0.077
Ilalo St	6	Aia Moana		Ahui St					0.587
Ilalo St	6	Ahui St		Ohe St					0.629
Ilalo St	6	Ohe St		Coral St					0.658

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		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM		TO		LANE MILES			
	Iaukea St	6	Tantalus Dr		Kauhane St		0.377			
	Iholena Pl	6	Concrete Section		End		0.027			
	Iwalani Pl	4	18th Ave		End		0.18			
	Jack Lane	6	Pali Hwy		Luakini St		0.497			
	Jasmine St	5	Gardenia St		Makai End		0.934			
	Judd St	6	Keola St		Iholena St		0.512			
	Kaaahi Pl	6	Kaaahi Street		End		0.068			
	Kaaahi St	6	Dillingham Blvd		End		0.068			
	Kahoaloha Lane	5	S. King St		Kuilei St		0.237			
	Kaimuki Ave	4	15th Ave		16th Ave		0.134			
	Kaina St	4	Leahi Ave		Kanaina Ave		0.136			
	Kalihi St	6	Ema Pl		Akahi St		0.198			
	Kalihi St	6	Kalaepaa Dr		Kale Pl		0.359			
	Kam Hwy	7	100' Koko KalihiStrm		Laumaka St		0.936			
	Kanaina Ave	4	Monsarrat Ave		End		0.18			
	Kalaipua Pl	5	From Sta 3 + 00		End		0.112			
	Kalaipua Pl	5	Tantalus Dr		Sta 3+ 00		0.057			
	Kalani Street	7	Waiakamilo Rd		Kohou St		0.455			
	Kamaile St	5	Sheridan St		Pensacola St		0.565			
	Kainoa Pl	4	Mona St		End		0.2			
	Kaiulani Ave	4	Cleghorn		Tusitala St		0.097			
	Kalakaua Ave	4	Ala Moana Blvd		Kuhio Ave		0.219			
	Kalakaua Ave	4	Monsarrat Ave		Poni Moi		1.253			
	Kalani Street	7	Waiakamilo Rd		Kohou St		0.455			
	Kalaola St	7	Kam Hwy		Kohomua St		0.213			
	Kauluwela Pl	6	Liliha St		End		0.213			
	Kam Hwy	7	Kalihi St Bridge		Puuhale Rd		1.135			
	Kaolo St	4	Manu St		Both Ends of T		0.158			
	Kapahulu Ave	4	Lemon Road		Cartwright		0.289			
	Kapahulu Ave	4	Kuhio Ave		Leahi Ave		1.71			
	Kapili St	4	Tusitala St		Cleghorn St		0.064			
	Kapiolani Blvd	5	Atkitson Dr		Kalakaua Ave		0.348			
	Kapiolani Blvd	5	Kalakaua Ave		McCully St		1.479			
	Kapiolani Blvd	5	McCully St		University Ave		2.722			
	Kapiolani Blvd	5	Nanaku Pl		Freeway On Ramp		0.974			
	Kamakee St	5	Kapiolani Blvd		Waimanu St		0.48			
	Kamakee St	5	Waimanu St		Queen St		0.518			
	Kamakee St	5	Queen St		Auahi St		0.61			
	Kamakee St	5	Auahi St		Ala Moana Blvd		0.374			
	Kamiloiki Pl	4	Lunalilo Home Rd		End		0.091			
	Kamole St	4	Laukahi St		Kamole Pl		0.111			
	Kaolo St	4	Mau St		Both Side of Kaolo St		0.158			
	Karatti Lane	5	Pensacola St		End		0.043			
	Kauluwela Pl	6	Liliha St		End		0.213			
	Kealakai St	6	Keola St		Simon Road		0.028			

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		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM	TO			LANE MILES			
	Kealamakai St	6	Hotel St	King St			0.136			
	Keawe St	6	Queen St	Ala Moana Blvd			1.256			
	Keawe St	6	Ala Moana Blvd	Ilalo St			0.239			
	Keanu St	4	Ekaha Ave	TMK: 3-3-013:008			0.309			
	Keeaumoku St	5	Kinau St	S. King St			0.818			
	Keeaumoku St	5	S. King St	Rycroft St			0.615			
	Keeaumoku St	5	Rycroft St	Kinau St			0.818			
	Keeaumoku St	5	Kinau St	Kapiolani Blvd			2.136			
	Kilakila Dr	6	Alewa Dr	End			0.136			
	Kilauea Ave	4	Pueo St	Freeway			2.163			
	Kinalau Pl	6	Ward Ave	End			0.311			
	Koalele St	6	Booth Rd	Kanealii Ave			0.405			
	Koali Road	5	Waialae	2985 Koali Road			0.757			
	Kohou St	7	N. King St	Dillingham Blvd			1.33			
	Kokea St	6	N. King St	Dillingham Blvd			0.688			
	Koko Dr	4	4174 Koko Drive	End			0.303			
	Kolokolo Pl	4	Kolokolo St	End			0.072			
	Kolonahe Pl	5	Tantalus Dr	End			0.091			
	Komaia Dr	5	Manoa Rd	Komaia Pl			0.175			
	Kona St	5	Piikoi St	Hopaka St			0.567			
	Krauss St	6	Tantalus Dr	455 Krauss St			0.164			
	Kualono St	6	Alewa Dr	Hemolele Pl			0.171			
	Kuekue St	4	Paila St	Manu St			0.225			
	Kuekue St	4	Manu St	End			0.111			
	Kuhio Ave	4	Kalakaua Ave	Seaside Ave			2.224			
	Kuhio Ave	4	Seaside Ave	Kaiulani Ave			0.96			
	Kuhio Ave	4	Kaiulani Ave	Kapahulu Ave			2.491			
	Kulamanu Pl	4	Kulamanu St	End			0.169			
	Kulamanu St	4	Kahala Ave	Kulamanu Pl			0.259			
	Kului Pl	4	Leighton St	End			0.073			
	Lalamilo Pl	7	Lalamilo St	End			0.066			
	Lanakila Ave	6	N. Kuakini St	Kamka Lane			0.18			
	Lanakila Ave	6	Kamaka Lane	Luka St			0.181			
	Lanakila Ave	6	Luka St	Iholena St			0.196			
	Laniloa Road	6	2742 Laniloa Rd	2748 Laniloa Rd			0.019			
	Lanihuli Dr	5	Manoa Rd	Kamehameha Ave			0.511			
	Lanipili Place	4	Monterey Dr	End			0.2			
	Lei Road	6	Aulii St	End			0.103			
	Leighton St	4	Ailuna St	Kului Pl			0.149			
	Liko Lane	6	Pauoa Rd	End			0.092			
	Lipeepe St	4	Ala Wai Blvd	Hobron Lane			0.136			
	Lokelani St	6	Hauiki St	End			0.119			
	Lopez Lane	6	Palama St	End			0.058			
	Lunalilo Home Road	4	Kaunakani St	Kalakua St			0.699			
	Madeira St	6	Puowaina Dr	Prospect St			0.464			

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1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD FROM		TO			LANE MILES			
	Mahalo Street	6	Judd St	Twin view Dr			0.548			
	Maile Way	5	University Ave	Oahu Ave			0.114			
	Makalei Pl	4	Diamond Head Road	End			0.31			
	Malapua Pl	4	22nd Ave	End			0.061			
	Makuahine St	6	Likelike Hwy	Kalihi St			1.903			
	Maemae Lane	6	Kawananakoa Pl	Wyllie St			0.049			
	Makanilolu Pl	4	May Way	End			0.139			
	Makiki Place	5	Makiki St	End			0.063			
	Manaiki Pl	6	Kalihi St	End			0.288			
	Makuahine St	6	N. School St	School St			1.903			
	Makuakane Pl	6	Makuakane St	End			0.064			
	Makuakane St	6	Makuakane St	1841 Makuakane St			0.326			
	Manu St	4	Kuekue St	Kaolo St			0.083			
	Mauna Pl	5	2141 Mauna Pl	2142 Mauna Pl			0.038			
	Maunaloa Ave	4	Summer St	May Way			0.09			
	Matlock Ave	5	Piikoi St	Keeaumoku St			0.492			
	Merkle St	6	Kamanaiki St	TMK: 1-4-041:007			0.055			
	Merkle St	6	Nihi St	End			0.039			
	Metcalf St	5	University Ave	Nakui Pl			0.654			
	Middle St	6-7	Moanalua Fwy	Kahuaiki St			0.68			
	Moani St	6	Nihi St	End			0.123			
	Mohala Way	5	Lipioma Way	Beckwith St			0.044			
	Moowaa St	7	Kaumualii St	Mookaula St			0.842			
	N. Beretania St	6	N. King St	Aala St			0.793			
	N. Beretania St	6	Maunakea St	Nuuanu Ave			0.628			
	N. Judd St	6	Mahalo St	Liliha St			0.307			
	N. King St	7	Ola Lane	Kalihi St			3.614			
	N. School St	6	Houghtailing	Pohaku St			0.531			
	N. School St	6	Pohaku St	Lanakila Ave			0.682			
	N. School St	6	Lanakila Ave	Liliha St			0.701			
	N. School St	6	Liliha St	Stillman Lane			0.641			
	Nehoa Pl	5	Nehoa St	End			0.256			
	Nehoa St	5	Auwaiohimu St	Lewalani Dr			0.172			
	Niele Pl	4	Iwi Way	Nioi Pl			0.143			
	Naio St	6	Houghtailing	Makanani Dr			0.167			
	Nakookoo St	5	Kahuna Lane	Kaaloa St			0.182			
	Nanilahale Place	5	Alani Dr	End			0.046			
	Nihi St	6	Ahihi St	Murphu St			0.087			
	Nihi St	6	Moani St	Laulani St			0.165			
	Noe St	6	Kamanaiki St	End			0.106			
	Noe St	6	Nihi St	End			0.027			
	Nuuanu Pali Dr	6	Pali Hwy	Hakumele Pl			0.275			
	Ohekani Lp	7	Kalaloa St	Ohekani Lp			0.336			
	Ohiakea St	7	Ohekani Lp	Ohekani Lp			0.25			
	Olalahina Pl	6	Alewa Dr	End			0.055			

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		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD FROM			TO		LANE MILES			
	Olohana St	4	Ala Wai Blvd		Kuhio Ave		0.301			
	Olohana St	4	Kuhio Ave		Kalakaua Ave		0.132			
	Olu St	4	4th Ave		6th Ave		0.303			
	Opihi St	4	5510 Opihi St		5679 Opihi St		0.895			
	Opihikao Pl	4	Hawaii Kai Dr		Opihikao Way		0.104			
	Pahulu St	6	Nihi St		End		0.125			
	Paiko Dr	4	Kalaniana'ole Hwy		End		0.488			
	Paki Ave	4	Noela Ave		Kalakaua Ave		0.878			
	Palapala Pl	6	Kapalama Ave		End		0.064			
	Palaoa Pl	4	Diamond Head Rd		End		0.066			
	Palena Pl	6	Palena St		End		0.047			
	Palolo Ave	5	Kehau Pl		Lamaloa Pl		0.207			
	Palolo Ave	5	Kanekopa Pl		Paalea St		0.28			
	Paokalani Ave	4	Kuhio Ave		Pualani way		0.331			
	Parker Pl	5	Alaula Way		End		0.202			
	Papahehi Pl	4	Kuliouou Rd		End		0.522			
	Pele St	6	S. Vineyard Blvd		Lusitana St		0.117			
	Pele St	6	Lusitana St		H1 Feeway		0.088			
	Pensacola St	5	Prospect St		Nehoa St		0.395			
	Pensacola St	5	Hassinger St		Freeway		0.459			
	Pensacola St	5	Freeway		Kinai St		0.264			
	Pensacola St	5	S. King St		Kapiolani Blvd		1.461			
	Piikoi St	5	Ala Moana Blvd		Kapiolani Blvd		1.803			
	Piikoi St	5	Kapiolani Blvd		S. King St		2.339			
	Piikoi St	5	S. King St		Matlock Ave		1.723			
	Polulani Pl	6	Booth Road		End		0.064			
	Poni Moi Rd	4	Kiele Ave		Diamond Head Rd		0.083			
	Pualele Place	4	Sierra Drive		1546 Pualele Pl		0.163			
	Pueo St	4	Kilauea Ave		Farmers Rd		0.561			
	Puiwa Lane	6	Puiwa Rd		End		0.155			
	Puowaina Drive	6	Kalili Pl		National Cemetary Gate		1.003			
	Queen St	6	Punchbowl		Cooke St		0.4			
	Robello Lane	6	N. King St		End		0.345			
	Round Top Drive	5	Makiki St		Forest Ridge		10.5			
	Royal Place	4	Kahala Ave		Royal Circle-- Kahala Ave		0.345			
	Rycroft St	5	Keeaumoku St		Kaheka St		0.532			
	Rycroft St	5	Sheridan St		Keeaumoku St		0.162			
	S Beretania St	6	Alapai St		Punchbowl St		1.406			
	S. Beretania St	6	Punchbowl St		Alakea St		1.605			
	S. Beretania St	6	Alakea St		Bethel St		0.982			
	Salt Lake Blvd	7	Wanaka St		Luapele Dr		4.335			
	Sheridan St	5	Kapiolani BLvd		Rycroft St		0.976			
	Sheridan St	5	Rycroft St		S. King St		0.745			
	Sonoma Pl	5	Sonoma St		End		0.177			
	Sonoma St	5	1909 Sonoma St		2428 Sonoma St		0.189			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD FROM			TO		LANE MILES			
	S. Hotel St	6	Ward Ave		Kealamakai St		0.682			
	Stillman :Lane	6	N. School St		Puuhue St		0.036			
	Tantalus Drive	5	Telephone Rd		Round Top		1.374			
	Tusitala St	4	Kaiulani		Kapili St		0.167			
	Ualakaa Pl	5	Ualakaa St		End		0.051			
	Ulane Place	6	Uaana St		End		0.053			
	Ulane St	6	Owawa St		Gullick Ave		0.151			
	Ulupua Pl	4	22nd Ave		End		0.071			
	Uhi Pl	4	Halekoa Dr		End		0.061			
	Vancouver Dr	5	University Ave		Mckinley St		0.534			
	Violet St	6	Kamanaiki St		End (2744 Violet St)		0.082			
	Vineyard St	6	Queen Emma		End		0.541			
	Waaloa Way	5	Waakaua St		End		0.358			
	Walakamilo	7	King St		Nimitz Hwy		3.001			
	Walea Pl	6	Mason Pl		End		0.118			
	Walina St	4	Kuhio Ave		Ala Wai Blvd		0.318			
	Wailupe Circle	4	Niuhl St		Niuhl St		1.778			
	Waimanu St	5	Kamake St		Pensacola St		0.682			
	Waimanu St	5	Pensacola St		Piikoi St		0.587			
	Waakaua St	5	Waaloa Pl		Waakaua Pl		0.172			
	Waokanaka Pl	6	Nuuanu Pali Dr		End		0.218			
	Wauke St	4	Campbell Ave		Trosseau St		0.333			
	Wong Ho Lane	5	S. Beretania		Young St		0.172			
	Yamada Lane	6	Olona Lan		End		0.073			
					Total:		165.3108			
KANEOHE DISTRICT										
	Aikahi Loop	3	Mokapu Rd (Mauka)		Mokapu Rd (Makai)		3.579			
	Aikane Pl	3	Aikahi Lp		End		0.106			
	Aikane St	3	Aikahi Lp		Aimikana St		0.477			
	Aikapa St	3	Aikahi Lp		Aikahi Lp		0.341			
	Alina Pl	3	Lilipuna Rd		End		0.106			
	Aimikana St	3	Aikahi Pl		Ilihu St		0.216			
	Anoi Road	3	Anoi Rd		North End Dead End		0.032			
	Anoi Rd	3	Keaahala Rd		Kapunahala Rd		0.100			
	Halekou Pl	3	Paliki Pl		End		0.337			
	Halualani Pl	3	Hoana St		End		0.045			
	Hoana Pl	3	Hoana St		End		0.091			
	Hoana St	3	Heeia St		Halualani Pl		0.375			
	Holowai St	3	Holowai Pl		End		0.110			
	Ilihu St	3	Aikahi Lp		Aikahi Lp		0.795			
	Ilikai St	3	Milokai St		Kamalino St		0.303			
	Kahuhipa St	3	Kahekili Hwy		Kumoo Lp		0.175			
	Kaimalino St	3	Old Mokapu Rd		Milokai St		0.174			
	Kaimalino Pl	3	Kaimalino St		End		0.078			
	Kapalai Pl	3	Kalapai Rd		End		0.046			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM		TO		LANE MILES			
	Keaahala Road	3	Kamau Pl		Anoi Rd		0.192			
	Keaalau Pl	3	Kaneohe Bay Dr		128 Keaalau Pl		0.047			
	Kamehameha Highway	3	Haiku Road		Kahuhipa St		1.848			
	Kamehameha Highway	3	Kahuhipa St		Keaahala Rd		1.423			
	Kamehameha Highway	3	Keaahala Rd		Paleka Rd		0.661			
	Kamehameha Highway	3	Paleka Rd		Pua Inia St		1.759			
	Kamehameha Highway	3	Kapalai Rd		Kaneohe Bay Dr		0.884			
	Kaneohe Bay Drive	3	Kahekili Hwy		Past Bridge		7.134			
	Kahuhipa St	3	Kumoo Lp		Kahekili Hwy		0.138			
	Kuahulu Way	3	Kuahulu Pl		End		0.138			
	Kapalai Pl	3	Kapalai Rd		End		0.046			
	Kawa St	3	Kahuhipa St		Mehana St		0.508			
	Keaahala Rd	3	Kamau Pl		Kam Hwy		1.056			
	Keneke St	3	Kuapuiwi St		Kapunahala Rd		0.154			
	Keneke St	3	Lomi Pl		Huinuu Pl		0.098			
	Launa Aloha Pl	3	Kamalino St		End		0.069			
	Puuloko Pl	3	Mahalani St		End		0.076			
	Mahalani Pl	3	Mahalani St		End		0.173			
	Mehana St	3	Kam Hwy		Windward Mall		0.279			
	Milokai St	3	Kaimalino St		Milokai Pl		0.398			
	Milokai Pl	3	Milokai St		End		0.04			
	Mokapu Rd	3	Kaneohe Bay Dr		Old Mokapu Rd		1.999			
	Mokulele Dr	3	Nukoki Pl		Kam Hwy		0.083			
	Old Makapu Rd	3	Mokapu Rd		End		0.46			
	Paaia Pl	3	Keaahala Rd		End		0.085			
	Paliiki Pl	3	Halekou Pl		End		0.055			
	Puuohala Pl	3	Kaneohe Bay Dr		End		0.265			
	Puuloko Pl	3	Mahalani St		End		0.076			
					Total:		23.127			
	KAILUA DISTRICT									
	Aalapapa Dr	3	Aalapapa Pl		Mokulua Dr		0.047			
	Aalapapa Pl	3	Aalapapa Dr		End (T Intersection)		0.128			
	Akaakaawa St	3	1791 Akaakaawa St		End		0.392			
	Aikahi Loop	3	Mokapu Blvd		Ilihaui St		0.535			
	Aikahi Loop	3	Ilihaui St		Aikahi Lp		2.029			
	Aikahi Pl	3	Aikahi Lp		End		0.129			
	Aikapa St	3	Aikahi Lp		Aikapa Pl		0.341			
	Aikane Pl	3	Aikahi Lp		End		0.106			
	Aiokoa St	3	Aikahi Lp (makai)		Aikahi Lp (mauka)		0.42			
	Aimikana St	3	Aikane St		Aikahi Pl		0.477			
	Auloa Road	3	Pali Hwy		Lunaai St		1.932			
	Auloa Road	3	Lunaai St		Kalaniana'ole Hwy		0.955			
	Auloa Road	3	Pali Hwy		End (45-075) Pali Hwy		0.4			
	Auloa Road	3	Auloa Rd Fork		200' Past Bridge		0.189			
	Hamakua Dr	3	Hamakua Pl		Kailua Rd		5.189			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	3,480,000	31,000,000	1,000,000			35,500,000
LOCATION	CD FROM	TO	LANE MILES						
Hele St	3	Keolu Dr		Kina St		1.091			
Humupaa St	3	Humupaa Pl		Humuka Lp		0.16			
Ilihau St	3	Aikahi Lp		Aimikana St		0.364			
Ilihau St	3	Aimikana St		Aikahi Lp		0.795			
Ilihau St	3	Kaneohe Bay Dr		Iliaina St		0.132			
Ililakai St	3	Kaimalino St		Milokai St		0.795			
Kakaina St	3	Waikupanaha St		Kakaina Pl		1.515			
Kaimalino St	3	Old Mokapu Rd		Milokai St		0.418			
Kaneohe Bay Dr	3	Molo St		Mokapu Rd		1.384			
Kaulukunu St	3	Kaulukunu Pl		End		0.499			
S. Kalaheo Ave	3	Kuulei Rd		Lihwai Rd		1.236			
Keolu Drive	3	Kanapuu Dr		Hamakua Dr		6.307			
Kumuhau St	3	Kalanianole Hwy		Humuniki St		2.583			
Kuulei Rd	3	S. Kainalu Dr		Malunui Ave		0.557			
Milokai St	3	Kaimalino St		Ililakai St		0.458			
Mokapu Blvd	3	N. Kalaheo Ave		Old Mokapu Blvd		3.3			
Moole St	3	Kalanianole Hwy		Waikalua St		0.256			
N. Kalaheo Ave	3	Kaumana Pl		Mokapu Blvd		0.071			
Uluoa St	3	Kailua Rd		Uluomalua St		0.001			
Waikupanaha St	3	Ahiki St		Nonokio St		2.483			
Wanaao Rd	3	Auwinala Rd		Paopua Lp		1.28			
				Total:		65.104			
WAIALUA DISTRICT									
Akule St	2	Au St		Apuhihi St		0.795			
Apuhihi St	2	Waialua Beach Rd		Au St		0.505			
Aweoweo St	2	Au St		Waialua Beach Rd		0.358			
Haleiwa Road	2	Kam Hwy		Waialua Beach Rd		3.3			
Kahalewai Pl	2	Kam Hwy		End		0.327			
Kuhi St	2	Farrington Hwy		Kuhi Pl		0.071			
Kupaoa Place	2	Kam Hwy		End		0.044			
Kamehameha Hwy	2	Anahulu Bridge		Kahalewai Pl.		3.6			
Mamua Pl	2	Farrington Hwy		End		0.105			
				Total:		9.105			
LAIE DISTRICT									
Kupaoa Pl	2	Kam Hwy		End		0.044			
Wehiwa Pl	2	Kam Hwy		Wehiwa Way		0.477			
				Total:		0.521			
PEARL CITY DISTRICT									
1st St	8	Lehua Ave		End		0.117			
A Rd	8	Lehua Ave		Hugh St		0.191			
Acacia Rd	8	Kipaipai St		Firestation		1.62			
Akaaka St	8	Kulawai St		98-1438 Akaaka St		1.272			
Halawa Heights Rd	8	Puumakani St		Fernridge Pl		1.12			
Halawa Valley St.	8	Waiua Pl		Koaha Pl		0.995			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:	10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000

LOCATION	CD	FROM	TO	LANE MILES
Hooiamoe St	8	Hookanike St	Hooia St	0.409
Hooikaika Pl	8	Hooihulu St	End	0.091
Hookano St	8	Hookala St	Nanakai St	0.17
Hoolauna St	8	Hookala St	Wahinani St	0.256
Hooelele St	8	Hoomalolo St	Hoowae St	0.26
Hoomalolo St	8	Hoomoana St	Hoolaulea St	0.972
Hoowae St	8	Hooihoi St	Hoomalolo St	0.682
Hoowali St	8	Hoomalu St	Wainihi St	0.36
Hugh St	8	A Rd	End	0.511
Iliee St	8	Cul de sac	Iliee St End	0.032
Kahilina Pl	8	99-685 Kahilina Pl	End	0.625
Kahuamo Pl	8	Kahuamo St	End	0.091
Kalaloa St	8	Kam Hwy	Kohomua St	0.542
Kamahao Pl	8	Kamahao St	End	0.136
Kaweloka St	8	Kaweloka Pl	Maluwai St	2.833
Kuahaka St	8	Kaweloka St	Hooli Circle	0.736
Kulawai St	8	Aiea Heights Dr	Akaaka St	1.284
Laulima St	8	Moanalua Rd	Upapalu Dr	0.114
Maiha Circle	8	Maiki Pl	Maiki Pl	0.977
Maiha Pl	8	Mahia Circle	End	0.091
Manako Pl	8	Manako St	End	0.049
Moanalua Road	8	Laulima St	Kauhale St	0.465
Ohekani Pl	8	99-140 Ohekani Lp	Ohiakea St	0.174
Ohenana Lp	8	Kalaloa St	Kalaloa St	0.67
Ohenana Pl	8	Ohenana St	End	0.068
Ohiakea St	8	Ohiaku St	Ohekani Lp	0.25
Waihona Pl	8	Waihona St	End	0.439
Waihona St	8	Kam Hwy	End	7.4
Total:				26.002

EWA/KAPOLEI DISTRICT

Alaiki St	9	Garton St	Renton Road	0.2
Alana St	9	Burke St	Orrick St	0.2
Alanui Mauka Pl	9	Alanui Mauka St	End	0.072
Alanui Makua St	9	Pipeline St	Pepper Row	0.6
Apai Place	9	North Rd	End	0.091
Bond St	9	Renton Rd	Malako St	0.8
Bryan St	9	Pepper Row	Pipeline St	0.4
Burke St	9	Willi St	Mahamoe St	0.6
Elemakule Place	9	Sisal St	End	0.1
Garton St	9	Tenny St	Park Row	0.2
Halemano St	9	Bond St	Tenney St	1.2
Hookahe Pl	9	Pahiki St	End	0.2
Hapua St	9	Bond St	Park Row	0.4
Ikulani St	9	Hanakahi St	Kiwi St	0.125

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
	LOCATION	CD	FROM		TO		LANE MILES			
	Keahumoa Pkwy	1	Kualakai Pkwy		Loiloi Loop		5.83			
	Kaelaeloa Blvd	1	Olai St		Komohana St		1.26			
	Kaelaeloa Blvd	1	Komohana St		Malakole St		2.8			
	Kaelaeloa Blvd	1	Malakole St		Trmk 9-1-175:036		6.997			
	Kaelaeloa Blvd	1	Railroad Track		500' Mauka Kapolei Pkwy		1.833			
	Kamaaha Ave	1	Kapolei Parkway		Fort Barrette Rd		4.415			
	Kaomi Lp	1	Hanua St		End		1.62			
	Kapolei Parkway	1	Fort Barrette Rd		Kamaaha Ave		6.105			
	Kahiuka St	9	Honolulu End		Kapolei Parkway		0.898			
	Keaunui Drive	9	Iroquois Lane		Laupai St		1.44			
	Kuali St	9	Burke St		Orrick St		0.2			
	Kuhina St	9	Fort Weaver Rd		Akaholo St		0.506			
	Kuuwelu Pl	9	Sisal St		End		0.063			
	Lehu St	9	Orrick St		Burke St		0.2			
	Lelepua Pl	8	Lelepua St		End		0.341			
	Luahine St	9	Burke St		Orrick St		0.2			
	Luluka St	9	Tenny St		Bond St		0.1			
	Lunanui Street	9	Pipeline St		Pohakulepo St		0.2			
	Mahamoe St	9	Burke St		Orrick St		0.2			
	Mahinahina St	2	Kaamea St		End		0.364			
	Mailani St	9	Kuhina St		Ahona St		0.521			
	Nale St	9	Bond St		Park Row		0.4			
	Oha St	9	Tenney St		Bond St		0.1			
	Ololani St	9	Ahona St		Mailani St		0.477			
	Orrick St	9	Renton		Malako St		0.8			
	Paaniana St	9	Bond St		Park Row		0.4			
	Paheulu St	9	Paheahea St		Bond St		0.3			
	Pahe St	9	Orrick St		Bond St		0.2			
	Paihi St	7	Poko Road		End		0.088			
	Pahiki St	9	Orrick St		Bond St		0.7			
	Pailani St	9	Kuhina St		Kiwi St		0.001			
	Paionia St	9	Renton Rd		End		0.061			
	Pepper Row	9	Renton Rd		End		0.4			
	Pohakulepo St	9	Renton Rd		Lunanui St		0.2			
	Pualu St	9	Burke St		Orrick St		0.2			
	Pipeline St	9	Bryan St		Lunanui St		0.136			
	Pipeline St	9	Lunanui St		Renton Road		0.076			
	Pohakulepo St	9	Renton Road		Lunanui St		0.2			
	Sisal St	9	Alaiki St		Park Row		0.2			
	Tenney St	9	Renton Road		Malako St		0.8			
	Uluhui 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			
	Wakea St	1	Haumea St		Kamokila Blvd		0.616			
	Wili St	9	Orrick St		Burke St		0.2			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	3,480,000	31,000,000	1,000,000			35,500,000
LOCATION	CD	FROM	TO	LANE MILES					
				Total:	47.803				
WAIKELE DISTRICT									
Kaamea St	9	Mahinahina St	Alau St	0.083					
Kahimoe Pl	8	Kahimoe St	End	0.261					
Kahimoe St	8	Oli Lp	Kahimoe Pl	0.227					
Lelepua Pl	8	Lelepua St	End	0.341					
Lumi St	8	Lumioahu St	Lumikula St	0.818					
Lumiauau St	8	Kam Hwy	Lumi St	1.17					
Lumikuke Lp	8	Lumiaina St	Lumi St	0.611					
Lumikula St	8	Lumikuke Lp	Lumikuke Lp	0.66					
				Total:	4.171				
WAIPIO DISTRICT									
Kahimoe St	8	Oli Lp	Kahimoe Pl	0.227					
Kahimoe Pl	8	Kahimoe St	End	0.261					
Kau St	8	Ukee St	End	0.335					
Kolea St	8	Kolea St	End	0.335					
Koliana St	8	Ukee St	End	0.53					
Kulekule Pl	8	Kolea St	End	0.041					
Lelepua Pl	8	Lelepua St	End	0.341					
Manao St	8	Moaniani St	End	0.36					
Ohilau Pl	8	Kahimoe St	End	0.227					
Okupu St	8	Moaniani St	End	0.409					
Palaiki St	8	Ukee St	End	0.455					
Penakii Pl	8	Penakii Way	End	0.068					
Pokeo St	8	Moaniani St	End	0.41					
Puana St	8	Ukee St	End	0.455					
Pupuhi St	8	Ukee St	End	0.455					
Waiolina St	8	Ukee St	End	0.455					
Waipio Uka St	8	Moaniani St	Wellina Lp	0.31					
				Total:	5.674				
WAIPAHU DISTRICT									
Aiki St	9	Kupuna Lp	H-1 Overpass	0.321					
Aiki St	9	H-1 Overpass	Loaa St	0.639					
Ana Ln	9	Waipahu St	End	0.091					
Aumaka Pl	9	Piliimai St	End	0.03					
Awalau St	9	Farrington Hwy	Mokukaua St	0.388					
Hakea St	9	Halehau St	Hakea Pl	0.135					
Haniu Pl	9	Halehau St	End	0.048					
Hapapa Pl	9	Hapapa St	End	0.042					
Hapapa St	9	Paiwa St	Puloku St	0.438					
Hapapa St	9	Puloku St	Niulii St	0.165					
Hapapa St	9	Niulii St	Hapapa Pl	0.201					
Hapapa St	9	Hapapa Pl	Mahoe St	0.213					
Haunuu St	9	Hina St	Hiapo St	0.024					
Hiapo St	9	Managers Dr	Kuhaulua St	0.689					

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
LOCATION		CD	FROM	TO		LANE MILES				
	Hiapo St	9	Kuhaulua St		Paiwa St		0.273			
	Hiapo St	9	Paiwa St		Niulii St		0.535			
	Hiapo St	9	Niulii St		Limahana St		0.48			
	Hiapo St	9	Limahana St		Mahoe St		0.065			
	Hilihua Pl	9	Paiwa St		End		0.239			
	Hilihua Way	9	Hilihua Pl		End		0.148			
	Hina St	9	Halelehua St		Hoomakoa St		0.089			
	Honowai St	9	Haaa St		Waipahu St		0.095			
	Kaaholo St	9	Kupuna Lp		Kaiewa St		0.192			
	Kaaholo St	9	Hohiu Pl		Manena Pl		0.221			
	Kahimoe Pl	9	Kahimoe st		End		0.261			
	Kahimoe St	9	Oli Lp		Kahimoe Pl		0.227			
	Kaiewa St (West)	9	Kaaholo St		End		0.197			
	Keahua Lp	9	Kapehu St		1063 Kapehu St		0.244			
	Kehela Pl	9	Kehela St		End		0.048			
	Kiokio Pl	9	Kipou St		End		0.148			
	Kipou Pl	9	Kipou St		End		0.239			
	Kipou St	9	Kiokio Pl		Kiwini Pl		0.119			
	Loaa St	9	Aiki St		Honowai St		0.841			
	Loaa Pl	9	Loaa St		End		0.064			
	Lumi St	9	Lumioahu St		Lumikula St		0.818			
	Mahoe St	9	Hiapo St		Huakai St		0.336			
	Mahoe St	9	Huakai St		Mahoe Pl		0.278			
	Mahoe St	9	Mahoe Pl		Hapapa St		0.169			
	Mahoe St	9	Hapapa St		Hapanui Pl		0.144			
	Mahoe St	9	Hapanui Pl		Waipahu St		0.121			
	Makou Pl	9	Kime St		End		0.052			
	Malakeke St	9	Waipahu St		Malakeke Pl		0.661			
	Mauele St	2	Anoiki St		Mawaho St		0.391			
	Mawa St	2	Meaaina Pl		Mehame Pl		0.102			
	Mawaho St	2	Mauele St		Mawa St		0.214			
	Mawaho St	2	Mawa St		End		0.135			
	Nawaakoa Pl	9	Nawaakoa St		End		0.105			
	Pupukahi St	9	Farrington Hwy		Pupumomi St		0.126			
	Pupukahi St	9	Pupukupa St		Pupupani St		0.212			
	Pupupuhi St	9	Pupumomi St		Pupunohe St		0.093			
	Pupupuhi St	9	Pupunohe St		Pupukahi St		0.073			
	Pupupuhi St	9	Pupukahi St		Pupuole St		0.056			
	Waikele Rd	9	Apowale St (concerete portion)		Waipahu St		0.053			
	Waikele Rd	9	Waipahu St		Waikele Lp		0.127			
	Waipahu Depot St	8	Hikimoe St		Farrington Hwy		0.207			
	Waipahu Depot St	9	Farrington Hwy		Haakoa Pl		0.556			
MILILANI MAUKA DISTRICT						Total:	13.198			
	Ahahuina Pl	2	Ahea St		End		0.064			

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:	10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000

LOCATION	CD	FROM	TO	LANE MILES
Ahea St	2	Liho St	Ahahuina St	0.72
Ahikao St	2	Ainamakua Dr	95-1044 Ahikao St	0.1
Ahoka St	2	Ahokele St	Kemu Pl	0.767
Ainamakua Dr	2	Kualapa St	Lauae St	1.999
Alaoki St	2	Haakualiki St	Alaoki Pl	0.121
Aliana St	2	Halepahu St	End	0.377
Anuanu St	2	Kuaoa St	Hoakea Pl	0.261
Anuanu Pl	2	Anuanu St	End	0.273
Haike Pl	2	Paea St	End	0.144
Halekua Pl	2	Halekua St	End	0.92
Halelau Pl	2	Anuanu St	End	0.155
Haleleka Pl	2	Mahelu St	End	0.164
Hehina St	2	Kapanoe St	Inana St	0.192
Hoahiahi Pl	2	Anuanu St	End	0.164
Hoakea Pl	2	Anuanu St	End	0.168
Hoahela Pl	2	Pahaku St	End	0.091
Hoakea Pl	2	Anuanu St	Hoakea Pl	0.168
Hoomua St	2	Puneki St	End	0.202
Hulumoa Pl	2	Ahoka St	End	0.123
Hunawai Pl	2	Pahaku St	End	0.036
Inana St	2	Halepahu St	Inana Pl	0.469
Kahakiki St	2	Ahoka St	Both T Sections	0.087
Kahele St	2	Aelike St	Hoailona St	0.24
Kihene St	2	Kaiawe S Both Sides	Kaiahea St Both Sides	0.97
Kuaoa St	2	Meheula Pkwy	Puuanu St	0.515
Lahui Pl	2	Lahui St	End	0.061
Lahui St	2	Hakala St	End	0.72
Lapaiki St	2	Halekua St	End	0.13
Lehiwa Dr	2	Haailo St	Kaiawe St	0.59
Lehiwa Dr	2	Kaiawe St	Kaiahea St	0.555
Lehiwa Dr	2	Kaiahea St	Halepahu St	0.437
Lehiwa Dr	2	Halepahu St	Meheula Pkwy	0.726
Lehiwa Dr	2	Meheula Pkwy	Ahoka St	0.283
Lehiwa Dr	2	Ahoka St	95-942 Lehiwa Dr	0.281
Loea Pl	2	Loea St	End	0.056
Loea St	2	Kaiahea St	Loea Pl	0.301
Mahelu St	2	Aliana St	Anopili St	0.332
Malielie Pl	2	Konaku St	Malielie Pl	0.416
Meanui St	2	Hookupu St	Ainamakua Dr	0.322
Melokia St	2	Ohiaha St	Melekai St	0.103
Ohiaha St	2	Ukuwai St	Melokia St	0.235
Pahaku St	2	Lehiwa Dr	End	1.161
Pahaku Pl	2	Pahaku St	End	0.044
Paea St	2	Kuaoa St	Lapaki St	0.148
Puakai Pl	2	Halekua St	End	0.081

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000		35,500,000
LOCATION	CD	FROM	TO		LANE MILES				
Ulahea St	2	Meheu St	Kuinehe Pl						0.43
					Total:				16.902
WAIANAE DISTRICT									
Botelho/Government Rd	1	Kuwale Rd	End						0.499
Kepue Pl	1	End of Cul-de-sac	Kepue St						0.097
Kepue St	1	Cul-de-sac	Kepue Pl						0.195
Kuwale Rd	1	Private Rd	Puuhulu Rd						0.759
Kuwale Rd	1	Private Rd	Botelho/Government Rd						0.155
Kuwale Rd	1	Botelho/Government Rd	End						0.308
Puhawai Rd	1	Paheehe Rd	Hakalina Rd						0.377
Puhawai Rd	1	Hakalina Rd	Puuhulu Rd						0.702
Puuhulu Pl	1	302 Puuhulu Pl	End						0.017
					Total:				3.109
Concrete Roads									
13th Ave	4	Waialae Ave	300' South of Waialae Ave						0.13
14th Ave *	4	Waialae Ave	300' South of Waialae Ave						0.1
Ahuwale Pl	1	Ahuwale St	Sta2+00						0.064
Ahuwale St	1	Ahuwale St	Hao St						0.147
Ala Aoloo Lp	3	1620-1630 Aoloo	Concrete Bridge						0.035
Alewa Pl	3	Alewa Dr	909 Alewa Pl						0.036
Alina Pl	3	Lilipuna Rd	End						0.106
Anela Pl	5	Woodlawn Terrace Pl	End						0.091
Anipeahi Pl	1	601 Anipeahi Pl	611 Anipeahi Pl						0.06
Anolike St	1	Anolike Pl	Anonia St						0.206
Awawa St	1	587 Awawa St	581 Awawa St						0.067
Azores St	6	Prospect St	Kamamalu St						0.106
Bertram St	6	Concrete Road	St. Louis Begin AC						0.326
Concordia St	6	Lusitana St	Puowaina Dr.						0.081
Dole St	5	Metcalf St	2140 Dole St						0.1627
Halehaka St	7	Halekoa Dr	Halekoa Dr						0.523
Hema Place	1	Hao St	340 Hema Pl						0.042
Hotel St	5	S. King St	Richards St						1.363
Iholena Pl	6	Iholena St	AC portion						0.03
Kalawai Pl	3	Kamahele St	978 Kalawai Pl						0.039
Kaluanui Rd	1	Kaipuhaa Pl	Kapa Pl						0.407
Kaluanui Rd	1	Kaakaaniu St	Kaupaku Pl						0.158
Kamehame Dr	1	Hanohano Pl	Hoahana Pl						0.244
Kekaha Pl	1	Poipu Dr	End						0.078
Kui Pl	6	Kale Pl	End						0.089
Kumulani St	5	Kumu St	End						0.016
Lanikeha Pl	8	Paailuna Way	1824 Lanikeha Pl						0.134
Leighton St	1	Ailuna St	Kului St						0.99
Madeira St.	5	Prospect St.	Puowaina Dr.						0.464
Makee Rd	4	Kapahulu Ave	Tmk 2-6-027:001						0.018
Malino Pl	6	Mason Pl	AC portion						0.068

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

1997502 REHABILITATION OF STREETS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Various locations such as:		10,000	10,000	3,480,000	31,000,000	1,000,000			35,500,000
LOCATION		CD	FROM	TO		LANE MILES				
	Matsonia	4	Sierra Drive		Lurline Drive		0.542			
	Maunalei Ave	1	Makapuu Ave		Pokole St		0.166			
	Mawaena St	2	Lualani St		375 Mawaena St		0.133			
	Mikahala Way	5	Sierra Drive (mauka)		28		0.565			
	Nenehiwa Pl	2	Melekula Pl		Makai End		0.364			
	Paaila Pl	3	Keaahala Road		End		0.085			
	Paliahina Pl	5	Palolo Ave		End		0.075			
	Pilipono St	1	589 Pilipono St		575 Pilipono St		0.07			
	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		0.241			
	Ualehi St	1	579 Ualehi St		567 Ualehi St		0.067			
	Villa Lane	6	S. Beretania St		Young St		0.053			
					Total:		9.0099			
					TOTAL MILES:		486.24			
TOTAL			10,000	10,000	3,480,000	31,000,000	1,000,000		-	35,500,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2018087 RECONSTRUCTION OF SIDEWALKS

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

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP
2019026 INTERMODAL CONNECTIVITY IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	East Kapolei Station Access Improvements	1 GI				900,000	100,000			1,000,000
2	UHWO Station Access Improvements	1 GI				1,600,000	200,000			1,800,000
3	Aloha Stadium Station	7 GI FG		100,000	200,000					300,000
4	Pearl Highlands Station Access Improvements	8 GI FG		100,000	400,000 3,113,000					500,000 3,113,000
5	Lagoon Drive Station Access Improvements	7 GI			200,000					200,000
6	Kekaulike Street Improvement	6 GI				1,100,000	100,000			1,200,000
TOTAL			-	200,000	3,913,000	3,600,000	400,000	-	-	8,113,000

Project # Project Title

HIGHWAYS AND STREETS (Bridges, Viaducts and Grade Separation) - FY23 CIP

1998520 BRIDGE REHABILITATION AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Aalapapa Dr Box Culvert	3			250,000					250,000
2	Aulua Rd Bridge	3				300,000				300,000
3	Dillingham Blvd Bridge	7				1,200,000	50,000			1,250,000
4	Mokulua Dr Box Culvert	3			200,000					200,000
5	North Kalaheo Ave Bridge	3				3,550,000				3,550,000
6	Waiialua Beach Rd Bridge	2	5,000		995,000					1,000,000
TOTAL			5,000		1,445,000	5,050,000	50,000			6,550,000

Project # Project Title

HIGHWAYS AND STREETS - (STORM DRAINAGE) - FY23 CIP

2000052 DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Mokulua Rd Beach Access Sinkhole	3				200,000	25,000			225,000
2	11th Ave	4				200,000	25,000			225,000
3	Laimi Rd	6				50,000	10,000			60,000
4	Liwai St	4			300,000					300,000
5	Waiolani Ditch	7		100,000	200,000					300,000
6	Aaniu Lp Ditch	8			300,000					300,000
7	Kalawina Pl Ditch	6				200,000	50,000			250,000
8	Kalihi Area Drainage Improvements	6,7				500,000	100,000			600,000
9	Kokokahi Pl	3	10,000			1,100,000	150,000			1,260,000
TOTAL			10,000	100,000	800,000	2,250,000	360,000	-		3,520,000

Project # Project Title

HIGHWAYS AND STREETS (Storm Drainage) - FY 23 CIP

2017074 EROSION CONTROL IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Auloa Rd	3				1,995,000	5,000			2,000,000
2	Auwaiolimu St	6			100,000					100,000
3	47-048 Laenani Dr	2				600,000				600,000
4	Maunawili Rd	3				1,500,000				1,500,000
5	Maunawili Rd - Kelewina St	3				1,500,000				1,500,000
TOTAL			-		100,000	5,595,000	5,000	-	-	5,700,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2019152 NPDES IMPROVEMENTS ALONG KUHIO BEACH

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Outdoor Shower #10 (Kapiolani Beach)	4	-	-	-	150,000	50,000	-	-	200,000
2	Outdoor Shower #9 (Kapiolani Beach)	4			50,000	350,000	150,000			550,000
TOTAL			-	-	50,000	500,000	200,000	-	-	750,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Facilities Maintenance) - FY23 CIP

2018071 NPDES MS4 EROSION PRONE AREA IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	<u>Total</u>
1	Paiole Stream near City Mill	5				850,000	300,000			1,150,000
2	Kaneohe Stream near Keole Place, Phase II	3			150,000					150,000
3	Hulakui Drive	7			100,000					100,000
TOTAL			-	-	250,000	850,000	300,000	-	-	1,400,000

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2018072 NPDES MS4 RETROFIT STRUCTURAL BMP IMPROVEMENTS PROGRAM

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Pearl City Industrial Park	8			500,000					500,000
2	Waiau Business Center	8			250,000					250,000
	TOTAL		-	-	750,000	-	-	-	-	750,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2018073 NPDES MS4 STRUCTURAL BMPS FOR CITY INDUSTRIAL FACILITIES

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Waimanalo Refuse Convenience Center	3	-	-		100,000	50,000	-	-	150,000
2	Honolulu Refuse Collection Yard	6				400,000	100,000			500,000
TOTAL			-	-	-	500,000	150,000	-	-	650,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2018074 NPDES MS4 STRUCTURAL BMPs FOR TRASH REDUCTION

Description		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kalihi (Outfall at Kalihi Stream/Dillingham Blvd/School St)	7			500,000					500,000
TOTAL			-	-	500,000	-	-	-	-	500,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2018075 NPDES MS4 TMDL STRUCTURAL BMP IMPROVEMENTS PROGRAM

	Description	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Ala Wai (Keeaumoku St)	5	-	-	250,000			-	-	250,000
2	Ala Wai (Metcalf/Dole St/University Ave)	5				2,000,000	350,000			2,350,000
TOTAL			-	-	250,000	2,000,000	350,000	-	-	2,600,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Highways, Streets and Roadways) - FY23 CIP

2019074 REHABILITATION/RECONSTRUCTION OF STORM DRAINS

Description		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Leeward Oahu (Waipahu/Pearl City/Ewa Beach)	8,9			500,000					500,000
TOTAL			-	-	500,000	-	-	-	-	500,000

CD denotes Council District

Project # Project Title

HIGHWAYS AND STREETS (Street Lighting) - FY23 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	99				750,000	5,000			755,000
2	Relocation of Street Light @ Moanalua Rd and Kaahumanu St	8				150,000				150,000
3	McCully @ Kapiolani Blvd Street Lighting Improvements	4			50,000					50,000
4	Replacement of Street Light Meter Cabinets and Transformers, Phase 6	99			240,000					240,000
5	Installation of Street Light System on Hahani Street	3			75,000					75,000
TOTAL					365,000	900,000	5,000			1,270,000

SANITATION

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY23 CIP

2010054 REFUSE FACILITIES IMPROVEMENTS AT VARIOUS LOCATIONS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Ewa Refuse Convenience Center	1			25,000	225,000	30,000			280,000
2	Leeward Convenience Center	1								0
3	Leeward Refuse Baseyard	1, 8								0
4	Waianae Convenience Center	1								0
5	Wahiawa Convenience Center	2			25,000	225,000	30,000			280,000
6	Kawailoa Transfer Station	2								0
7	Laie Convenience Center	2			25,000	300,000	30,000			355,000
8	Kapaa /Kalaheo Landfill Site	3			375,000					375,000
9	Kapaa Transfer Station	3			25,000	200,000	30,000			255,000
10	Waimanalo Convenience Center	3			25,000	250,000	30,000			305,000
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			50,000					50,000
16	Honolulu Baseyard	7								0
17	Unanticipated Refuse Facilites improvements	99		1,000		50,000				51,000
TOTAL			-	1,000	550,000	1,250,000	150,000	-	-	1,951,000

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY23 CIP

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

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Switchyard improvements and spares	1			1,000	1,802,400	1,000			1,804,400
2	Stormwater drainage improvements between RDF ash tower and Aux. Waste Bldg.	1				1,950,000				1,950,000
3	Air Compressor System end of life replacement	1				650,000				650,000
4	Lime Slaker Ball Mill end of life replacement	1				910,000				910,000
5	Baghouse external roof B1 / B2 replacement	1				187,600				187,600
TOTAL			0	0	1,000	5,500,000	1,000	0	0	5,502,000

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY23 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, Paalakai, Kahuku and Laie tributary systems	2		120,000			50			120,050
5	Sewers and force mains in Kailua/Kaneohe tributary system: Kahaalu 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: Waikale, 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) - FY23 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	500,000	20,000			540,000
2	Sewer rehab/replace in Waianae tributary system	1			30,000	700,000	30,000			760,000
3	Sewer rehab/replace in Honouliuli tributary system: Mililani Mauka vicinity	2			10,000	100,000	10,000			120,000
4	Sewer rehab/replace in Wahiawa, Paalakai, Kahuku and Laie tributary systems	2			20,000	500,000	20,000			540,000
5	Sewer rehab/replace in Kailua/Kaneohe tributary system: Kahaluu vicinity	2			5,000	50,000	5,000			60,000
6	Sewer rehab/replace in Kailua/Kaneohe tributary system	3			50,000	2,000,000	50,000			2,100,000
7	Sewer rehab/replace in Waimanalo tributary system	3			20,000	300,000	20,000			340,000
8	Sewer rehab/replace in Hawaii Kai tributary system: Kuliouou, Portlock vicinities	4			5,000	50,000	5,000			60,000
9	Sewer rehab/replace in Sand Island tributary system: Waikiki, Diamond Head to East Oahu vicinities	4			50,000	1,500,000	50,000			1,600,000
10	Sewer rehab/replace in Sand Island tributary system: Manoa, Palolo Valley, Saint Louis Hts, McCully, Moiliili, Kakaako vicinities	5			50,000	1,500,000	50,000			1,600,000
11	Sewer rehab/replace in Sand Island tributary system: Honolulu, Punchbowl, Nuuanu, Kalihi Valley, Moanalua vicinities	6			50,000	1,500,000	50,000			1,600,000
12	Sewer rehab/replace in Honouliuli tributary system: Aiea, Halawa vicinities	6			40,000	1,000,000	40,000			1,080,000
13	Sewer rehab/replace in Sand Island tributary system: Kalihi, Iwilei, Sand Island, Mapunapuna, Airport, Salt Lake vicinities	7			50,000	1,500,000	50,000			1,600,000
14	Sewer rehab/replace in Honouliuli tributary system: Aliamanu, Foster Village vicinities	7			5,000	50,000	5,000			60,000
15	Sewer rehab/replace in Honouliuli tributary system: Aiea, Waimalu, Pearl City, Pacific Palisades, Waipio and Waipahu vicinities	8			50,000	1,700,000	50,000			1,800,000
16	Sewer rehab/replace in Honouliuli tributary system: Waikele, Kunia, Mililani, West Loch, Ewa Villages to Iroquois Point vicinities	9			40,000	1,000,000	40,000			1,080,000
17	Unanticipated improvements	99	100,000	200,000	5,000	50,000	5,000			360,000
TOTAL			100,000	200,000	500,000	14,000,000	500,000	-	-	15,300,000

CD denotes Council District

Project # Project Title

SANITATION (Sewage Collection and Disposal) - FY23 CIP

2000038 WASTEWATER EQUIPMENT

Department of Environmental Services	CD 99	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
							9,280,136		9,280,136
							9,280,136		9,280,136

DEPARTMENT OF ENVIRONMENTAL SERVICES - WASTEWATER
FY2023 CIP WASTEWATER EQUIPMENT

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund	Repl/New	Activity
1	Autoclaves for Seawater Nutrients Digestion	7	2	\$9,000	\$18,000	SW	Repl	EQ-Lab
2	Turbidimeter with Flowcell for Compliance Analysis	10	1	\$7,000	\$7,000	SW	Repl	EQ-Lab
3	Refrigerated Composite Sampler	10	3	\$9,500	\$28,500	SW	Repl	EQ-Lab
4	Low Temperature Freezer for Seawater Ammonia Preservation	8	1	\$7,500	\$7,500	SW	New	EQ-Lab
5	Sports Utility Vehicle, Mid-Size 2WD (e.g. Explorer) with strobe lights and roof racks	10	1	\$42,900	\$40,700	SW	Repl	EQ-RC
6	Ocean Team Boat Engine Replacement	5	4	\$22,500	\$90,000	SW	Repl	EQ-MC
7	Crew Truck	8	6	\$120,000	\$720,000	SW	Replace	CSM
8	Pick Up Truck (Pump Stations)	8	8	\$50,000	\$400,000	SW	Replace	CSM
9	Mini Excavator, 6 Ton	10	1	\$70,000	\$70,000	SW	Replace	CSM
10	Compressor, Trailer Mounted Pintle Hitch 48.3 HP, Tier 4, Diesel Engine	10	1	\$28,000	\$28,000	SW	Replace	CSM
11	Walk Behind Roller	10	1	\$28,000	\$28,000	SW	Replace	CSM
12	Sports Utility Vehicle, Mid-Size 2WD (e.g.. Explorer)	8	1	\$38,500	\$38,500	SW	Repl	WEC Construction Management Branch-Various
13	Sports Utility Vehicle, Mid-Size 2WD (e.g.. Explorer)	8	1	\$38,500	\$38,500	SW	Repl	WEC Collection System Branch-Various
14	Sports Utility Vehicle, Mid-Size 2WD (e.g.. Explorer)	8	1	\$38,500	\$38,500	SW	Repl	WEC Plant Engineering Branch-Various
15	Pick-up Truck	8	1	\$35,000	\$35,000	SW	Repl	WTD-TSB
16	Switchgear/PLC Upgrade for Sand Island Effluent Pump Station	10	1	\$300,000	\$300,000	SW	Repl	WTD-SI Ops
17	Pick-Up Truck, Chevy Silverado or similar, 2WD, double cab, standard bed, 5.3L, V8 engine, pintle tow hitch, w/ rear view camera	8	1	\$55,000	\$55,000	SW	Repl	WTD-Kahuku

DEPARTMENT OF ENVIRONMENTAL SERVICES - WASTEWATER
FY2023 CIP WASTEWATER EQUIPMENT

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund	Repl/New	Activity
18	Ingersoll-Rand XP185WIR Portable Air Compressor, Model 4IR18T with Running Gear. 185 cfm, @125psig, 86hp, 12V	15	1	\$32,000	\$32,000	SW	Repl	WTD-Kahuku
19	Sports Utility Vehicle	8	1	\$45,000	\$45,000	SW	Repl	WTD-Honouliuli
20	Return Flow Station Pump	20	4	\$130,000	\$520,000	SW	Repl	WTD-SI Ops
21	Switchgear/PLC Upgrade for Hart Street Pump Station	10	1	\$200,000	\$200,000	SW	Repl	WTD-SI Ops
22	Final Clarifier Center Drive Assembly, 316 SS Materials	20	2	\$125,000	\$250,000	SW	Repl	WTD-Paala Kai
23	Instrumentation (ultrasonic, radar, mag-flow, differential pressure, etc.) SCADA Equipment	7	1	\$100,000	\$100,000	SW	Repl	WTD-Various
24	Sports Utility Vehicle	8	1	\$35,000	\$35,000	SW	Repl	WTD-SCADA
25	Vactor	8	2	\$450,000	\$900,000	SW	Replace	CSM
26	SUV (Sport Utility Vehicle)	8	2	\$55,000	\$110,000	SW	Replace	CSM
27	CCTV Robots	8	2	\$40,000	\$80,000	SW	New	CSM
28	Caterpillar 40, Forklift, 3-Ton Capacity, with pneumatic tires	15	1	\$30,000	\$30,000	SW	Repl	WTD-Kahuku
29	Solids Return Station Pump	15	2	\$50,000	\$100,000	SW	Repl	WTD-SI Ops
30	Honouliuli WWTP Pre-Aeration Grit Removal System	20	4	\$45,000	\$180,000	SW	Repl	WTD-Honouliuli
31	Portable Trailer Mounted CAT XQ60 Generators, 60 KW	20	3	\$78,458	\$235,374	SW	Repl	WTD-Power Gen
32	Variable Frequency Drives - SCADA equipment	10	1	\$100,000	\$100,000	SW	Repl	WTD-Various
33	Pick-Up Truck, Chevy Silverado or similar, 2WD, double cab, standard bed, 5.3L, V8 engine, pintle tow hitch, w/ rear view camera	8	1	\$55,000	\$55,000	SW	Repl	WTD-Kailua
34	Hydraulic Conduit & Pipe Bender	10	1	\$24,000	\$24,000	SW	New	WTD-SI Ops
35	Godwin Portable Pumps with Trailer Housing	15	2	\$32,000	\$64,000	SW	Repl	WTD-Kahuku
36	Effluent Pump Station Elevator	20	1	\$1,000,000	\$1,000,000	SW	Repl	WTD-SI Ops
37	6" Cavity Progressive Pump Replacement Spare Parts	15	14	\$15,000	\$210,000	SW	Repl	WTD-Hono/Waianae
38	Portable Trailer Mounted Generator, 110KW	20	2	\$113,081	\$226,162	SW	Repl	WTD-Power Gen

DEPARTMENT OF ENVIRONMENTAL SERVICES - WASTEWATER
FY2023 CIP WASTEWATER EQUIPMENT

Priority	Equipment Item	Est Life	Units	Cost/Unit	Total Cost	Fund	Repl/New	Activity
39	IT Equipment (servers, switches, routers, laptops, tablets, monitors, thin clients, WiFi, etc), SCADA Equipment)	5	1	\$250,000	\$250,000	SW	New	WTD-Variou
40	Odor Control System Upgrade	10	1	\$700,000	\$700,000	SW	Rplc	WTD-Si Ops
41	Influent Pumps (Ebara 25 hp) Replacement/Spare	10	2	\$70,000	\$140,000	SW	Repl	WTD-Wahiawa
42	Transit Vans or similar	8	2	\$65,000	\$130,000	SW	Repl	WTD-SCADA
43	Disc Aerator Drive for Secondary Treatment Unit #1	15	4	\$56,600	\$226,400	SW	Repl	WTD-Kahuku
44	Primary Clarifier Launder Cover	15	2	\$75,000	\$150,000	SW	Repl	WTD-SI Ops
45	PLC Equipment	5	1	\$100,000	\$100,000	SW	Repl	WTD-Variou
46	Portable Air Compressor, 185 CFM, 100psi, T4 engine	10	2	\$32,000	\$64,000	SW	New	WTD- Laie/Waimanalo
47	Portable Pneumatic & Electric Power Drive Valve Actuator	10	2	\$10,000	\$20,000	SW	New	WTD-Honouliuli
48	JLG X430AJ Snorkel Lift	15	1	\$150,000	\$150,000	SW	Repl	WTD-SI Ops
49	Utility Carts for Kailua RWWTP Operations	5	5	\$10,000	\$50,000	SW	Repl	WTD-Kailua
50	Wahiawa WWTP Service Water Pump (35HP)	10	1	\$45,000	\$45,000	SW	New	WTD-Wahiawa
51	Kawasaki Mule, 4010 4x4 or equivalent.	5	2	\$18,000	\$36,000	SW	New	WTD-Kailua
52	Ultraviolet System (UV)	10	2	\$135,000	\$270,000	SW	Repl	WTD-Wahiawa
53	Air Conditioners for the Metro Region	5	1	\$250,000	\$250,000	SW	Repl	WTD-Ala Moana PS
54	Precision Gap Bed Lathe	15	1	\$40,000	\$40,000	SW	Repl	WTD-Honouliuli
55	100 Ton Pneumatic/Hydraulic Press	15	1	\$15,000	\$15,000	SW	Repl	WTD-Honouliuli
56	Grit Classifier Shaftless Helical Screw	15	2	\$12,000	\$24,000	SW	Repl	WTD-Wahiawa
57	Vortex Grit Centrifugal Pump & Motor Assembly	10	1	\$30,000	\$30,000	SW	Repl	WTD-Wahiawa
58	Forklift, 5 ton for Leeward Mechanics	15	1	\$150,000	\$150,000	SW	Repl	WTD-Honouliuli

TOTAL \$9,280,136

Project # Project Title

SANITATION (Waste Collection and Disposal) - FY23 CIP

2001062 WASTEWATER TREATMENT PLANT, PUMP STATION AND FORCE MAIN PROJECTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Rehab/replace/upgrade projects at Honouliuli and Waianae wastewater treatment plants, including effluent disposal systems	1			120,000	2,000,000	60,000			2,180,000
2	Rehab/replace/upgrade projects for pump stations and force mains at Lualualei, Nanakuli, Kapolei, Makakilo and Ewa vicinities	1			40,000	700,000	20,000			760,000
3	Rehab/replace/upgrade projects at Wahiawa, Paalaa kai, Kahuku and Laie wastewater treatment plants, including effluent disposal systems	2			40,000	700,000	20,000			760,000
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			120,000	2,000,000	60,000			2,180,000
6	Rehab/replace/upgrade projects for pump stations and force mains at Kaneohe, Kailua and Waimanalo vicinities	3			80,000	1,200,000	40,000			1,320,000
7	Rehab/replace/upgrade projects for pump stations and force mains at Kuliouou, Paiko Drive, Niu Valley, Kahala, Waikiki and Ala Moana vicinities	4			80,000	1,200,000	40,000			1,320,000
8	Rehab/replace/upgrade projects for pump stations and force mains at Ala Moana pump stations.	6			40,000	500,000	20,000			560,000
9	Rehab/replace/upgrade projects at the Sand Island wastewater treatment plant, including effluent disposal systems	7			120,000	2,000,000	60,000			2,180,000
10	Rehab/replace/upgrade projects for pump stations and force mains at Iwilei, Sand Island, Mapunapuna, Aliamanu and Halawa vicinities	7			100,000	1,500,000	50,000			1,650,000
11	Rehab/replace/upgrade projects for pump stations, force mains and CSM Warehouse, at Waimalu, Pearl City, Pacific Palisades, Waiawa, and Waipahu vicinities	8			100,000	1,500,000	50,000			1,650,000
12	Rehab/replace/upgrade projects for pump stations and force mains at Mililani, Waipio, West Loch and Ewa vicinities	9			80,000	1,000,000	40,000			1,120,000
12	Projects required to meet requirements of the 2010 Wastewater Consent Decree, as amended, and federal and state permits	99	500	49,000	20,000	100,000	10,000			179,500
13	Unanticipated improvements, easements for construction projects, and demolition of unused facilities	99	500	50,000	20,000	100,000	10,000			180,500
TOTAL			1,000	99,000	1,000,000	15,000,000	500,000	-	-	16,600,000

CD denotes Council District

HUMAN SERVICES

Project # Project Title

HUMAN SERVICES (Human Services) - FY23 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				7,146,028	7,166,028
TOTAL			5,000	5,000	5,000	5,000	-	-	-	7,146,028	7,166,028

Project # Project Title

HUMAN SERVICES (Human Services) - FY23 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									653,467	653,467
TOTAL			-	-	-	-	-	-	-	653,467	653,467

Project # Project Title

HUMAN SERVICES (Human Services) - FY23 CIP
2007077 HOME INVESTMENT PARTNERSHIPS (HOME) PROGRAM

	CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
Funds for administration and grants and/or loans to nonprofit organizations developing affordable housing for lower income persons.	99									-
CHODO Project									1,206,440	1,206,440
TOTAL		-	-	-	-	-	-	-	1,206,440	1,206,440

Project # Project Title

HUMAN SERVICES (Human Services) - FY23 CIP

2000119 HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS (HOPWA) PROGRAM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Other	Total
	Funds for administration and grants to nonprofit organizations serving persons with HIV/AIDS.	99									
1	Gregory House Programs									515,648	515,648
2	Hawaii Health and Harm Reduction Center									128,912	128,912
	TOTAL		-	-	-	-	-	-	-	644,560	644,560

CULTURE-RECREATION

Project # Project Title

CULTURE-RECREATION PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY23 CIP

2019084 COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM PARK IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Parking lot Improvements for CDBG eligible parks	99				1,845,560				1,845,560
2	Beretania Community Park	6			5,000	585,000				590,000
3	Fern Community Park	7				100,000				100,000
4	Kalihi Waena Neighborhood Park	7				41,000				41,000
5	Maili Community Park	1				2,009,604				2,009,604
6	Peter Buck Mini Park Improvements	7				350,000				350,000
TOTAL				-	5,000	4,931,164	-	-		4,936,164

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY23 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	9	-	-	100,000	1,000,000	-	-	-	1,100,000
TOTAL			-	-	100,000	1,000,000	-	-	-	1,100,000

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY23 CIP

2002072 RENOVATE RECREATIONAL FACILITIES

Priority		CD	F	Land	Planning	Design	Construction	Inspection	Equipment	Total
1	Roof Reconstruction at Parks									
	1) Kalihi Valley District Park	7	GI			600,000				600,000
	2) Waianae District Park	1	GI				1,970,175	20,000		1,990,175
	2) Waianae District Park	1	PP				29,825			29,825
	3) Kalakaua District Park - Gym Roof	6	GI			300,000				300,000
	4) Waimanalo Beach Park facilities improvements such as pavilion roof, comfort stations and arts and crafts building	3	GI			50,000	992,200	100,000		1,142,200
	4) Waimanalo Beach Park facilities improvements such as pavilion roof, comfort stations and arts and crafts building	3	PP				107,800			107,800
	5) Comfort Station and Small Building Roof Replacement or Reconstruction	99	GI				1,250,000			1,250,000
	6) Makakilo Community Park- Roof and Interior Improvements	1	GI				1,000,000			1,000,000
	7) Makiki District Park - Library Roof	6	GI			300,000				300,000
2	Lighting Improvements									
	1) Kamamalu Neighborhood Park	6	GI			100,000	400,000	10,000		510,000
	2) Herbert K. Pillalau Community Park Electrical Upgrade	1	GI				600,000	60,000		660,000
	3) Sequential Replace Lighting at Various Parks and Gardens	99	GI			200,000				200,000
3	Playfield Improvements									
	Ballfield Backstop Replacement/New	99	GI			20,000	300,000			320,000
4	Reconstruction of Parking Lots IDIQ - Various Parks and Botanical Gardens	99	GI				1,500,000			1,500,000
						200,000				200,000
5	Swimming Pool Improvements									
	1) Waialua District Park Pool Deck Lights	2	GI				514,925	10,000		524,925
	1) Waialua District Park Pool Deck Lights	2	PP				85,075			85,075
	2) Ground Electrical at Pools - Various Parks	99	GI			200,000				200,000
6	Other Park Improvements									
	1) Aiea District Park	8	PP				158,350			158,350
	2) Central Business District	6	PP				213,840			213,840
	3) Div. of Urban Forestry Facility Improvements	5	GI			10,000	390,000			400,000
	4) Kailua District Park	3	PP				464,875			464,875
	5) Kalihi District Park	7	PP				4,500			4,500

Project # Project Title

CULTURE-RECREATION - PARTICIPANT, SPECTATOR AND OTHER RECREATION - FY23 CIP

2002072 RENOVATE RECREATIONAL FACILITIES

Priority	CD	F	Land	Planning	Design	Construction	Inspection	Equipment	Total
6) Kaneohe District Park	3	PP				217,596			217,596
7) Kapolei Regional Park	1	PP				360,633			360,633
8) Kiluarea District Park	5	PP				8,488			8,488
9) Koko Head District Park	4	PP				98,403			98,403
10) Kualoa Regional Park	2	PP				16,912			16,912
11) Lanakila District Park	6	PP				67,500			67,500
12) McCully District Park	5	PP				1,163,412			1,163,412
13) McCully District Park	5	GI			300,000				300,000
14) Palolo District Park	5	PP				34,774			34,774
15) Patsy T. Mink Central Oahu Regional Park	9	PP				21,300			21,300
16) Pearl Ridge Community Park - Tennis Court Improvements	8	GI			10,000	1,980,000	10,000		2,000,000
17) 19) Replace and Install New Playgrounds and Adult Exercise Equipment	99	GI				1,000,000			1,000,000
18) Wahiawa District Park	2	PP				47,780			47,780
19) Waipahu District Park	8	PP				28,840			28,840
Total			-	-	2,290,000	15,027,203	210,000	-	17,527,203
	GI				2,290,000	11,897,300	210,000	-	14,397,300
	PP					3,129,903			3,129,903

Project # Project Title

CULTURE-RECREATION (Special Recreation Facilities) - FY23 CIP

2014076 BLAISDELL CENTER REDEVELOPMENT

Priority		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Arena Performance Grid Improvements	5			5,000	490,000	5,000			500,000
2	Concert Hall Back of the House Renovation	5			5,000	6,090,000	5,000			6,100,000
TOTAL				-	10,000	6,580,000	10,000	-		6,600,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY23 CIP

1999012 ENTERPRISE FACILITIES IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Waikiki Shell Pit Reconstruction and Seating	4				325,000				325,000
2	Unanticipated Enterprise Facilities Improvements	99			25,000	100,000	10,000			135,000
TOTAL			-	-	25,000	425,000	10,000	-	-	460,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY23 CIP

2001053 GOLF COURSE IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Pali Golf Course Upper Parking Lot Improvements	3			5,000	1,590,000	5,000			1,600,000
2	West Loch Golf Course Pump Station	9				350,000	5,000			355,000
3	West Loch Golf Course Clubhouse Roof Improvements	9				350,000	5,000			355,000
TOTAL			-	-	5,000	2,290,000	15,000	-	-	2,310,000

Project # Project Title

CULTURE-RECREATION (Special Recreation) - FY23 CIP

2001097 HONOLULU ZOO IMPROVEMENTS

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Maintenance Shop & Store Room Roof Reconstruction	4			5,000	340,000	5,000			350,000
2	Hippo Exhibit Filtration System Improvements	4			80,000					80,000
3	Elephant Holding Facility Door Improvements	4				150,000				150,000
4	African Savanna Barn Roof Reconstruction - Fennec Fox Exhibit	4			10,000	155,000	5,000			170,000
5	Chimpanzee Exhibit Improvements - Portal	4			50,000					50,000
TOTAL			-	-	145,000	645,000	10,000	-	-	800,000

UTILITIES OR OTHER ENTERPRISES

Project # Project Title

UTILITIES (Mass Transit) - FY23 CIP

1978005 BUS AND HANDI-VAN ACQUISITION PROGRAM

		CD	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	40 - 60' diesel buses, 21 - 40' diesel buses, 50 - Handi-Vans	99 FG						46,190,000		46,190,000
		HI						11,548,000		11,548,000
2	Provision of Local Match for FTA Discretionary Grant programs	99 HI						1,000,000		1,000,000
TOTAL			-	-	-	-	-	58,738,000	-	58,738,000

Project # Project Title

UTILITIES (Mass Transit) - FY23 CIP

2001116 BUS STOP ADA ACCESS AND SITE IMPROVEMENTS

		CD F	Land	Planning	Design	Construction	Inspection	Equipment	Relocation	Total
1	Kawa St. (E/b) @ Kahuhipa St. (Bus Pad)	3								
2	Universtiy Ave. (Makai/b) @ Dole St.	5								-
3	Nuuanu Ave. (makai/b) @ Judd St.	6								-
4	Dillingham Blvd. (E/b) @ Kalihi St.	7								-
5	N. King St. (E/b) @ Gulick Ave.	7								-
6	Kalihi St. (Makai/b) @ Ahuahu Pl.	7								-
7	Manoa Rd. (Mauka/b) @ Manoa Elem. School	5								-
8	Kam Hwy. @ Kuahelani Ave.	9								-
9	Vineyard Blvd. (W/b) @ Palama St.	7								-
10	S. Hotel St. (E/b) @ Bethel St.	6								-
11	S. King St. (E/b) @ Alakeal St. (Bus Pad)	6								-
12	S. Beretania St. (W/b) @ Pali Hwy.	6								-
TOTAL			-	-	365,000	1,040,000	-	-	-	1,405,000