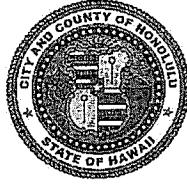


DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041
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'22MAR29 PM 12:00 CITY CLERK

RICK BLANGIARDI
MAYOR



DEAN UCHIDA
DIRECTOR

DAWN TAKEUCHI APUNA
DEPUTY DIRECTOR

EUGENE H. TAKAHASHI
DEPUTY DIRECTOR

March 29, 2022

The Honorable Tommy Waters
Chair and Presiding Officer
and Members
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Waters and Councilmembers:

SUBJECT: Review of the Executive Capital Budget and Program
For the Fiscal Year 2022-2023, Bill 15 (2022)

Pursuant to Section 6-1503(c) of the Revised Charter of the City and County of Honolulu, attached is the review of the Executive Capital Budget and Program for the Fiscal Year 2022-2023, Bill 15 (2022). The programs and projects in Bill 15 (2022) were reviewed for conformance with the General Plan (GP) and Development Plans (DP) through the application of Section 4-8 of the Revised Ordinance of Honolulu, regarding the Public Infrastructure Map (PIM).

All budget programs and projects were found to conform to the GP and DP through the application of the PIM. In addition, the following projects are currently in the process for PIM Amendments which will be submitted to the City Council shortly.

<u>CIP No.</u>	<u>Project</u>
2017076	Pearl City Fire Station Relocation
2002008	Waipahu Incinerator Site – Area Cleanup and Improvements

The Honorable Tommy Waters
Chair and Presiding Officer
and Members
March 29, 2022
Page 2

Should you have any questions, please contact me at (808) 768-8000.

Very truly yours,

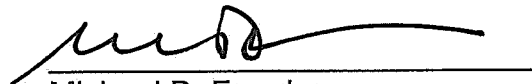


Dean Uchida
Director

Attachment

cc: Stephanie Laws and Morgana Lasco
Department of Budget and Fiscal Services

APPROVED:



Michael D. Formby
Managing Director

Cover Page

Report Description

This is submitted to Council each year and verifies that each project in the CIP for the fiscal year conforms to the PIM applicability criteria and is designated on the PIM map if necessary.

01 GENERAL GOVERNMENT**CW Staff Agencies****BFS Budget and Fiscal Services****2019011 HONOLULU AUTHORITY FOR RAPID TRANSIT PROJECT CONTINGENCY**

Provision of funds to the Honolulu High Capacity Transit Project.

Provision of funds to the Honolulu High Capacity Transit Project.

Recommended

X 17,000

Total: 17,000**Conformity Comments**

CONFORMING PROJECT: The Ewa PIM shows a rapid transit corridor, transit station, and corporation yard symbols (PIM No. 046); the Central Oahu PIM shows a rapid transit corridor, transit station, and corporation yard symbols (PIM No. 042); and the Primary Urban Center PIM shows a rapid transit corridor and transit station symbols (PIM No. 148) for the project. This project conforms to these existing PIM designations.

1998602 PROCUREMENT OF MAJOR EQUIPMENT

Acquisition of major equipment for agencies/departments to deliver services to the public in a timely and cost effective manner.

Purchase of major equipment for agencies/departments to operate effectively and provide essential public services. Equipment may include trucks, vehicles and heavy equipment for the delivery of services.

Recommended

E 22,550.7

Total: 22,550.7**Conformity Comments**

EXEMPT PROJECT: The purchase of equipment is exempt from needing a PIM revision. (ROH Section 4-8.1).

1979110 PROJECT ADJUSTMENTS ACCOUNT

Funding for any project cost exceeding the estimate for land acquisition, planning, design, construction, inspection, other equipment, and relocation for projects included in the capital budget.

Funds from this account may be expended to pay for any excess in contract price(s) or project cost when the contract price(s) or the project cost exceeds the city's estimate for land acquisition, planning, design, construction, inspection, relocation and equipment for projects included in the capital improvements program and budget.

Recommended

X 2

Total: 2**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund for project costs exceeding the estimated costs listed in the capital budget. It covers all costs, including land acquisition, planning, design, construction, inspection, other equipment, and relocation. Designation on the PIM is not required for funding for project adjustments. (Section 4-8.1)

CL Public Facilities-Additions And Improvements**DDC Design and Construction****1996611 ART IN PUBLIC FACILITIES**

Provision of funds for art in public facilities.

Acquire works of art to be displayed in public facilities or areas.

Recommended

A 293.86

Total: 293.86**Conformity Comments**

EXEMPT PROJECT: The acquisition of works of art to be displayed in public facilities or areas is exempt from needing a PIM revision. (ROH Section 4-8.1)

1996007 CIVIC CENTER IMPROVEMENTS

Plan, design, construct, inspect and provide related equipment for sustainable and resilient civic center improvements.

Plan, design, construct, inspect, and provide related equipment for climate resilient Civic Center Improvements such as structural, infrastructure, and security improvements, as required. Civic center facilities include but not limited to City Hall, the Annex, Mission Memorial and the Frank F. Fasi Municipal Building.

Recommended

P	10
D	235
C	1,175
I	10
E	70
Total:	1,500

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, construct, and inspect, and provide related equipment for civic center improvements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).

2012077 CIVIC CENTER PARKING STRUCTURE - RECONSTRUCTION

Design, construct and inspect sustainable and resilient parking structure improvements.

Remove the existing deteriorated deck coating at Civic Center Parking Structure (CCPS) and replace it with a new coating. Inspect and replace all expansion joints in the structure. Design and install a new emergency generator system for the garage sump pumps and emergency lighting systems.

Recommended

D	10
C	20,000
I	690
Total:	20,700

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to designing parking structure improvements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).

2019090 ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE

Plan, design and construct sustainable infrastructure of City facilities to support electric charging stations.

Plan, design, construct, inspect and provide related equipment to City facilities infrastructure upgrade for electric charging stations.

Recommended

P	100
D	1,300
C	7,063
Total:	8,463

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to planning, design, construction and inspection of infrastructure upgrades to support electric charging stations and related equipment at various City facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1998007 ENERGY CONSERVATION IMPROVEMENTS

Plan, design and construct sustainable improvements such as installation of electric vehicle charging stations and renewable energy systems at various City facilities.

Plan, design, construct, provide construction inspection and related equipment for energy conservation and renewable energy systems at various City-owned facilities.

Recommended

P	100
D	700
C	1,000
Total:	1,800

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to planning, design, construction and inspection of energy conservation (efficiency) improvements and related equipment at various City facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2019079 HALAWA CORPORATION YARD IMPROVEMENTS

Design, construct and inspect sustainable corporation yard improvements.

Design, construct and inspect improvements at Halawa Corporation Yard.

Recommended

D	60
C	2,500
I	90
Total:	2,650

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will extend the useful life of the building. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2014107 HAUULA CIVIC CENTER IMPROVEMENTS

Design, construct, inspect and provide related equipment for sustainable and resilient civic center improvements.

Plan, design, construct and inspect improvements to the Hauula Civic Center.

Recommended

D	40
C	450
I	10
Total:	500

Conformity Comments

MINOR PROJECT: This project is not considered major and does not need a PIM revision. It is limited to renovations that will address climate change, sustainability, and resiliency. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2014131 HONOLULU HALE IMPROVEMENTS

Design sustainable and resilient facility improvements.

Plan, design, construction and inspect sustainable and resilient improvements to Honolulu Hale.

Recommended

D	1,000
Total:	1,000

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will address climate change and meet State requirements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).

2020074 KALIHI-PALAMA BUS FACILITY IMPROVEMENTS

Construct and inspect sustainable and resilient facility improvements.

Plan, design, construct and inspect improvements to the Kalihi-Palama Bus Facility, a component of the Middle Street Transit Center.

Recommended

C	1,500
I	150
Total:	1,650

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to renovations that will extend the useful life of the Middle Street Transit Center. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2017072 LAIE CORPORATION YARD IMPROVEMENTS

Design and construct sustainable and resilient corporation yard and NPDES improvements.

Plan, design, construct, inspect and provide related equipment for corporation yard infrastructure upgrade and improvement to address climate change, sustainability and resiliency, including NPDES improvements.

Recommended

D	20
C	9,395
Total:	9,415

Conformity Comments

EXEMPT PROJECT: This project involves funds for the design of improvements to an existing corporation yard. Designation on the PIM is not required at this time as it does not meet the PIM applicability criteria (ROH Sections 4-8.3 and 4-8.4)

2009025 MANANA CORPORATION YARD IMPROVEMENTS

Design, construct and inspect sustainable and resilient corporation yard improvements.

Plan, design and construct a new corporation yard for the Department of Facility Maintenance (DFM) and the Department of Parks and Recreation (DPR) Public Building and Electrical Maintenance Division (DFM-PBEM) and Maintenance Support Services (DPR-MSS). Corporation yard facility elements such as a new warehouse, offices, locker rooms, shops, storage facilities will be included to support operational requirements.

Recommended

D	100
C	100
I	50
Total:	250

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center (PUC) PIM shows a corporation yard symbol (PIM No. 108) for this project. The project conforms with this PIM designation.

2019092 MEDICAL EXAMINER BUILDING IMPROVEMENTS AND EXPANSION

Design, construct and inspect sustainable and resilient facility improvements.

Plan, design, construct and inspect facility improvements.

Recommended

D	5
C	730
I	5
Total:	740

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will address climate change and meet State requirements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2020072 MUNICIPAL PARKING FACILITIES IMPROVEMENT

Design, construct and inspect sustainable municipal parking facilities improvements.

Design, construct and inspect upgrade improvements to City municipal parking facilities such as Marin Towers.

Recommended

D	1
C	800
I	1
Total:	802

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to renovations that will correct normal facility deterioration and increase energy efficiency. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2004050 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MODIFICATION FOR CORP YARD

Design and construct corporation yard NPDES improvements.

(8) Corporation Yards and (4) Satellite Yards need modification to control site runoff and discharges from equipment to prevent pollution of our drainage and coastal waterways. Vehicle wash down and corporation yard runoff is presently not contained in an environmentally acceptable manner.

Recommended

D	490
C	10
Total:	500

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It funds improvements at various City corporation yards to meet NPDES requirements. Cost elements include design, construction, and related equipment. The project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2022107 PEARL CITY BUS FACILITY

Design and construct sustainable and resilient facility improvements.

Provide sustainable and resilient facility improvements.

Recommended

D	200
C	10
Total:	210

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2015092 PEARLRIDGE BUS TRANSFER CENTER AND PLAZA - TRANSIT ORIENTED DEVELOPMENT

Acquire land, plan and design as sustainable and resilient bus transfer station.

This is a multi-phase project Phase 1 - Initial funding for planning (including site assessment and remediation), design, and land acquisition (TMK: 9-8-009-0014, TMK: 9-8-009-015, TMK: 9-8-009-016 and TMK: 9-8-009-05) of a bus transfer center and plaza. Phase 2 - Funding for additional planning, design and construction for the bus facility and the plaza. Phase 3 - Request for Proposal for a Public-Private Partnership housing development which may consist of a mix of workforce and market housing, and commercial space.

Recommended

L	1,150
P	500
D	800
Total:	2,450

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows a transit station symbol (No. 141) for this project. The project conforms with this PIM designation.

1987042 PUBLIC BUILDING FACILITIES IMPROVEMENTS

Plan, design, construct, inspect and provide related equipment for sustainable and resilient improvements to City-owned facilities.

Plan, design, construct, inspect and provide related upgrade improvements such as hardening of facilities to extend the useful life of the facilities, and address unanticipated emergency improvements.

Recommended

P	10
D	210
C	760
I	10
E	10
Total:	1,000

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It funds urgent unanticipated improvements to City-owned facilities at various locations, including planning, design, construction, construction inspection, and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2022106 TRAFFIC SIGNAL MAINTENANCE FACILITY

Design, construct, inspect and provide related equipment for a sustainable and resilient traffic signal maintenance facility.

Plan, design and construct a traffic signal maintenance facility for storage of existing equipment and supplies necessary to operate and maintain traffic and pedestrian signals and traffic related technology in Pearl City, Manana.

Recommended

D	10
C	12,000
I	1,000
E	200
Total:	13,210

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design, construct, inspect, and provide replacement and/or upgrade of existing public buildings for the purpose of maintaining adequate level of service. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).

DFM Facilities Maintenance**2019151 MUNICIPAL FACILITIES IMPROVEMENTS**

Plan, design, construct, inspect and provide related equipment for sustainable and resilient improvements of existing public building systems and structures.

Recommended

P	5
D	50
C	900
I	10
E	35
Total:	1,000

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design, construct, inspect, and provide related equipment for replacement and/or upgrade of existing public buildings. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).

Design, construct, inspect and provide related equipment for replacement and/or upgrade of existing public building systems and structures, including NPDES improvements.

CE Public Facilities-Improvements-Land Acquisitions**DDC Design and Construction**

1971153	LAND EXPENSES	Recommended	Conformity Comments
Provision of funds for incidental land expenses such as for additional lands and easements, appraisals, relocation assistance, document fees, and other related land expenses involving CIP projects including appraisals of city-owned properties for sale and/or disposition and the City's housing buy back program shared appreciation.		L 175	MINOR PROJECT: This is an islandwide miscellaneous fund for incidental land expenses. It includes unforeseen needs to acquire more land or easements, relocation assistance, document fees, appraisals, and other related land expenses. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Funds provided for incidental land expenses such as unforeseen additional lands and easements, temporary easements, appraisals, relocation assistance, document fees, and other related land expenses involving CIP projects and other related land services, such as appraisals of city-owned properties proposed to be developed.		R 25	
		Total: 200	

02 PUBLIC SAFETY**DS Police Stations And Buildings****DDC Design and Construction****2015082 HPD HEADQUARTERS IMPROVEMENTS**

Design, construct and inspect sustainable improvements to the Honolulu Police Department Headquarters.

Plan, design, construct, inspect and provide related equipment for improvement to the Honolulu Police Department Headquarters.

Recommended**Conformity Comments**

D	110
C	2,180
I	260
Total:	2,550

MINOR PROJECT: The PUC PIM shows a Police Station modification symbol (PIM No. 143) for the HPD Headquarters Improvement. The project is consistent with the PUC Development Plan, which calls to provide adequate facilities for the protection of public safety. It does not meet the PIM applicability criteria. (ROH Sections 4-8.4)

2002025 POLICE STATIONS BUILDINGS IMPROVEMENTS

Design, construct and inspect sustainable improvements to police stations and facilities.

Plan, design and construct improvements (inclusive of energy conservation improvements) to police stations and building to extend the useful life of the facility.

Recommended**Conformity Comments**

D	100
C	1,880
I	20
Total:	2,000

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

HPD Police**2005028 HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISITION**

Acquisition of equipment for the Honolulu Police Department operations.

Acquisition of equipment essential to police operations such as patrol cars, motorcycles and vehicles to support police operations.

Recommended**Conformity Comments**

E	3,960
Total:	3,960

EXEMPT PROJECT: The purchase of replacement equipment is exempt from needing a PIM revision. (ROH Section 4-8.1)

DM Fire Stations And Buildings**DDC Design and Construction****1998021 FIRE STATION BUILDINGS IMPROVEMENTS**

Plan, design, construct, inspect and provide related equipment for sustainable and resilient fire facility improvements.

Plan, design and construct improvements such energy efficiency and other sustainable and resilient improvements.

Recommended**Conformity Comments**

P	10
D	440
C	3,630
I	10
E	10
Total:	4,100

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, construct, inspect, and provide related equipment for existing fire facilities improvements at various locations to meet fire operation requirements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2017076 PEARL CITY FIRE STATION RELOCATION

Prepare site selection report and acquire land for a sustainable and resilient replacement fire station.

Site selection, plan, design, construction and inspect a sustainable replacement fire station in Pearl City.

Recommended

L	1,500
P	50
Total:	1,550

Conformity Comments

MAJOR PROJECT: The project is considered major and requires a PIM revision. It meets the applicability criteria (ROH 4-8.3 and 4-8.4) because the funds will be used for land acquisition and construction to relocate the existing Pearl City Fire Station. The DPP notes that the HFD has submitted a PIM revision application for this project.

2002023 WAIALUA FIRE STATION RELOCATION

Design a sustainable and resilient replacement fire station.

Recommended

D	350
Total:	350

Conformity Comments

CONFORMING PROJECT: The North Shore PIM shows a fire station symbol (PIM No. 20) for the relocation of the Waialua Fire Station. The project conforms to this PIM designation.

Site selection, acquire land, plan, design, and construct a replacement fire station, and related site and off-site improvements to maintain the Standards of Response Coverage in the Waialua area.

HFD Fire**2005021 HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION**

Acquire equipment for Honolulu Fire Department operations.

Acquisition of replacement equipment essential to fire operations.

Recommended

E	12,800
Total:	12,800

Conformity Comments

EXEMPT PROJECT: Equipment acquisition is not a type of project required to be shown on the PIM. (ROH section 4-8.3)

EQ Traffic Improvements**DTS Transportation Services****1999311 COMPUTERIZED TRAFFIC CONTROL SYSTEM**

Design, construct, and inspect Intelligent Transportation Systems (ITS) improvements.

To expand the Intelligent Transportation System (ITS) program components by installing additional traffic cameras at various locations on Oahu. The project includes the design and construction of traffic cameras, and the installation and implementation of the latest technological innovations i.e., transportation communication networks, traffic signal coordination applications, traffic monitoring cameras, and traffic optimization programs) directed to reduce traffic delays, and mitigate congestion. Project includes the design of broadband expansion, and installation of fiber optic network for the delivery of broadband capacity to reach underserved communities. Whenever possible, broadband expansion will coordinated with the State of Hawaii, Department of Transportation broadband effort.

Recommended

D	5,300
C	8,650
I	1,300
Total:	15,250

Conformity Comments

EXEMPT PROJECT: The purchase and installation of equipment such as traffic cameras signal controls and traffic center technology at various locations is exempt from needing a PIM revision. (ROH Section 4-8.1)

2020028 OAHU TRAFFIC SIGNAL CONTROLLER MODERNIZATION

Design, construct, and inspect improvements to upgrade traffic controllers.

Provision of matching funds for the design, construct and inspect improvements to upgrade traffic controllers.

Recommended

D	200
C	5,000
I	1,875
Total:	7,075

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to design, construction, and improvements to traffic controllers that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2010030 TRAFFIC ENGINEERING DEVICES AT VARIOUS LOCATIONS

Design, construct and inspect traffic engineering devices at various locations.

To provide traffic engineering devices at various locations such as mini circles on Hele Street and devices in other communities as well as locations determined through the Complete Streets planning process.

Recommended

D	250
C	1,000
I	300
Total:	1,550

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, construct, and inspect traffic engineering devices and Complete Streets demonstration projects at various locations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1996306 TRAFFIC IMPROVEMENTS AT VARIOUS LOCATIONS

Design, construct and inspect sustainable and resilient traffic improvements at various locations.

Plan, design, construct and inspect traffic improvements at island islandwide locations to reduce vehicular, pedestrian and bicycle conflicts.

Recommended

D	610
C	3,500
I	800
Total:	4,910

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to acquire land, plan, design, construct, and inspect traffic improvements at various locations to reduce traffic congestion and potential conflicts between vehicular, pedestrian and bicycle traffic at busy intersections and local and major streets. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1999312 TRAFFIC SIGNALS AT VARIOUS LOCATIONS

Design, construct and inspect sustainable and resilient traffic signal improvements.

Recommended

D	690
C	3,850
I	899
Total:	5,439

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements at various locations that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

Traffic improvement to facilitate the safe and orderly movement of vehicular and pedestrian traffic at various locations. Includes installing/modifying traffic signals and upgrading existing traffic signals on Oahu.

EN Flood Control**DDC Design and Construction****2000101 FLOOD CONTROL IMPROVEMENTS AT VARIOUS LOCATIONS**

Acquire land, plan, design, construct, and inspect sustainable and resilient flood control improvements at various locations.

Plan, design, construct and inspect flood control improvements at various locations. Flood control improvements to include: channel wall reconstruction, invert reconstruction, debris basin reconstruction, fencing and access improvements.

Recommended

L	10
P	20
D	1,670
C	4,700
I	400
Total:	6,800

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to acquire land, plan, design, and construct miscellaneous flood control improvements at various locations. The various improvements are not expected to permit significant new development or redevelopment. The project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

EP Other Protection**DDC Design and Construction****1999015 KAHUKU AMBULANCE UNIT FACILITY IMPROVEMENTS (TMK: 5-6-006:020)**

Construct and inspect sustainable and resilient ambulance facility improvements.

Construct and inspect sustainable and resilient improvements to the existing ambulance facility improvements to include flood mitigation improvements.

Recommended

C	3,950
I	50
Total:	4,000

Conformity Comments

MINOR PROJECT: The Project is not considered major and does not need a PIM revision. The funds will be used to make improvements to an existing ambulance unit facility. The project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2017089 OCEAN SAFETY STATIONS

Construct and inspect an Ocean Safety District Base Station in Kailua.

Plan, design, construct, inspect and provide related equipment for improvements at existing Ocean Safety facilities, and, plan and design new station storage and office facilities in the four Ocean Safety districts.

Recommended

C	195
I	5
Total:	200

Conformity Comments

MINOR PROJECT: The Project is not considered major and does not need a PIM revision. The funds will be used to plan, design, and construct improvements at existing Ocean Safety Facilities. However, in the future, a PIM revision may be required for the new facilities. (ROH Sections 4-8.1, 4-8.3, and 4-8.4)

EJ Other Protection-Miscellaneous**DDC Design and Construction**

2005002 DRAINAGE OUTFALL IMPROVEMENTS

Acquire land, plan, design, construct and inspect improvements for various existing City drainage outfalls.

Plan, design and construct improvements for various existing City drainage outfalls on the island of Oahu.

Recommended

L	10
P	310
D	835
C	10
I	10
Total:	1,175

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design and construct improvements at various existing City drainage outfalls on Oahu. The project would address concerns from the public and the Department of Facility Maintenance regarding clogging of the outfalls. The various improvements are not expected to permit significant new development or redevelopment. The project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2001154 ROCK SLIDE POTENTIAL INSPECTIONS AND MITIGATIVE IMPROVEMENTS

Acquire land, plan, design, construct and inspect mitigative improvements.

Acquire land, plan, design construct and inspect embankments on City & County streets and roads for rockfall and other earth stability hazards. Overall program includes prioritization of areas based on evaluation; recommendation of mitigative alternatives with associated cost; and design, construction and inspection of mitigative areas.

Recommended

L	5
P	5
D	990
C	500
I	5
Total:	1,505

Conformity Comments

EXEMPT PROJECT: Rockfall mitigation measures are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2002080 TELECOMMUNICATIONS FACILITIES UPGRADE

Plan, design and construct sustainable and resilient telecommunication facilities improvements.

Upgrade public safety telecommunication sites which include but are not limited to: towers, electrical, structural, air conditioning, radio channels expansion, and security infrastructure upgrades.

Recommended

P	65
D	235
C	930
Total:	1,230

Conformity Comments

EXEMPT PROJECT: Telecommunications facilities are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

03 HIGHWAYS AND STREETS**KX Bikeways And Bikepaths****DTS Transportation Services****1979063 BIKEWAY IMPROVEMENTS**

Plan, design, construct, inspect and provide related equipment for sustainable and resilient bikeway improvements.

An on-going island-wide program for the implementation of the Oahu Bicycle Master Plan improvements, new projects, and the upgrade of existing bicycle facilities at various locations such as Waikiki area.

Recommended**Conformity Comments**

P	400
D	300
C	300
I	50
E	5

Total: 1,055

EXEMPT PROJECT: Bike paths and other bikeway improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

JG Highways, Streets And Roadways**DDC Design and Construction****1988001 CURB RAMPS AT VARIOUS LOCATIONS, OAHU**

Acquire land, design, construct and inspect curb ramps improvements.

Design, construct and inspect the construction work of ADA improvements within public right-of-ways to provide compliance with ADA Curb Ramp Transition Plan, requests from the physically impaired and for alteration projects.

Recommended**Conformity Comments**

L	10
D	100
C	880
I	10

Total: 1,000

EXEMPT PROJECT: Curb ramp improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2011089 FARRINGTON HIGHWAY IMPROVEMENTS

Acquire land, plan, design, construct and inspect highway improvements based on the Memorandum of Understanding executed between the City and the State of Hawaii Department of Transportation.

Acquire land, plan, design, construct and inspect improvements on the City portions of Farrington Highway.

Recommended**Conformity Comments**

L	1,000
P	10
D	10
C	10
I	10

Total: 1,040

CONFORMING PROJECT: The Ewa PIM shows two Arterial Roadway symbols (No. 15 and No. 50) for this project. The project conforms to this designation. It will widen Farrington Highway from Fort Weaver Road to Kapolei Golf Course Road and make standard shoulder and sidewalk improvements.

1998515 GUARDRAIL IMPROVEMENTS

Acquire land, design, construct and inspect guardrail improvements at various locations.

Design, construct and inspect guardrail improvements at various locations.

Recommended

L	5
D	205
C	1,385
I	30

Total: 1,625

Conformity Comments

EXEMPT PROJECT: Guardrail improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

1997502 REHABILITATION OF STREETS

Acquire land, plan, design, construct, and inspect sustainable roadway and related improvements.

Rehabilitation of existing roadways and related roadway right of way elements such as bridges, culverts, guardrails, roadway retaining structures, and other improvements at various locations throughout the City.

Recommended

L	10
P	10
D	3,480
C	31,000
I	1,000

Total: 35,500

Conformity Comments

MINOR PROJECT: This is an islandwide miscellaneous fund for the rehabilitation of various streets. The project would improve the riding quality and structural integrity of roads, and would eliminate potential hazards. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1989123 SALT LAKE BOULEVARD WIDENING

Acquire land, design, construct and inspect roadway improvements.

Plan, design, construct and inspect roadway improvements for Salt Lake Boulevard Widening. The last segment of the project may be programmed into 2 or 3 phases.

Recommended

L	10
D	10
C	2,000
I	10

Total: 2,030

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows an Arterial Roadway symbol (PIM No. 028) for this project. The project will widen a portion of Salt Lake Boulevard from Maluna Street to Ala Likiloi Street. The project is consistent with the Primary Urban Center Development Plan and is intended to improve traffic circulation and increase capacity to meet future transportation needs.

1991064 UTILITY SHARE EXPENSES

Pay for utility company's share of construction costs.

Provide funds to the appropriate utility companies to share in construction costs.

Recommended

C	100
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Total: 100

Conformity Comments

EXEMPT PROJECT: This is an islandwide miscellaneous fund to reimburse utility companies for construction work that they do but which the City helps to pay for. Designation on the PIM is not required for reimbursements to others. (Section 4-8.1)

DFM Facilities Maintenance

2018087 RECONSTRUCTION OF SIDEWALKS

Construct and inspect sidewalk improvements.

Reconstruct/replacement of existing sidewalks at various locations.

Recommended

C	1,800
I	200
Total:	2,000

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to reconstruction and replacement of sidewalks at various locations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

DTS Transportation Services**2019026 INTERMODAL CONNECTIVITY IMPROVEMENTS**

Plan, design, construct and inspect sustainable intermodal connectivity improvements.

Acquire land, plan, design, construct and inspect improvements to intermodal centers and transit complete street connections within communities.

Recommended

P	200
D	3,913
C	3,600
I	400
Total:	8,113

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to street-related changes to help make access to major transit stations easier. It includes widened sidewalks leading to and from the transit station, other streetscape improvements on streets leading to the station, traffic roundabouts right near the station where connector buses load and drop off bus passengers, private-vehicle passenger drop-off points in the station area, bicycle storage areas, etc. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2003223 WAIPIO POINT ACCESS ROAD IMPROVEMENTS

Provision of matching funds to construct and inspect improvements on Waipio Point Access Road from Farrington Highway to Pearl Harbor Bike Path.

The Navy granted the City an easement for the use of Waipio Access Road. The City will provide roadway improvements necessary to meet the conditions of the easement. These improvements include: roadway improvements, drainage improvements, parking improvements, and a pedestrian bicycle multi-path that connects to the Pearl Harbor bike trail that will facilitate the orderly flow of traffic to access the Waipio Soccer Complex on the roadway up to the entrance of the Waipio Peninsula Soccer Complex. FY23 State funds for project under Special Projects fund.

Recommended

C	2,000
I	500
Total:	2,500

Conformity Comments

CONFORMING PROJECT: The Central Oahu PIM shows a park (Waipio Peninsula Recreation Complex) and collector roadway symbol (PIM No. 007) for this project. The project supports the policies and guidelines in the Central Oahu Sustainable Communities Plan (SCP) that recognize the need for the Waipio Peninsula Soccer Park.

KF Bridges, Viaducts And Grade Separation**DDC Design and Construction**

2020105 ALA WAI BRIDGE

Design a pedestrian and bicycle bridge over the Ala Wai Canal.

Design, construct and inspect a new pedestrian and bicycle bridge over the Ala Wai Canal between the Waikiki, Ala Moana, and McCully/Moiliili neighborhoods.

Recommended

D 2,640
Total: 2,640

Conformity Comments

EXEMPT PROJECT: Pedestrian and bicycle bridges are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

1998520 BRIDGE REHABILITATION AT VARIOUS LOCATIONS

Acquire land, design, construct and inspect bridge improvements at various locations.

Recommended

L 5
D 1,445
C 5,050
I 50
Total: 6,550

Conformity Comments

MINOR PROJECT: This is an islandwide miscellaneous fund for bridge repair work. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

Rehabilitate bridges/culverts that are severely damaged or too large in scope or in locations that the Department of Facility Maintenance is unable to rehabilitate with its in-house crews.

Operating Impact: The capital improvements planned will not have impact on the operating budget until construction of the proposed rehabilitation. Additional personnel and current expense would then have operating impact on the City's budget.

JU Storm Drainage**DDC Design and Construction****2000052 DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS**

Acquire land, plan, design, construct and inspect drainage improvements at various locations.

Miscellaneous drainage improvements at various locations, to include drain manholes, box culverts and drain extensions.

Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed improvements. Additional personnel and current expense would then have an impact on the City's budget.

Recommended

L 10
P 100
D 800
C 2,250
I 360
Total: 3,520

Conformity Comments

EXEMPT PROJECT: This islandwide miscellaneous fund focuses on underground drainage improvements. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2017074 EROSION CONTROL IMPROVEMENTS

Design, construct and inspect erosion control improvements at various locations.

Plan, design, construct and inspect erosion control improvements at various locations.

Recommended

D 100
C 5,595
I 5
Total: 5,700

Conformity Comments

EXEMPT PROJECT: This project will make erosion control improvements at various locations on Oahu. Erosion control improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

DFM Facilities Maintenance**2019152 NPDES IMPROVEMENTS ALONG KUHIO BEACH**

Design, construct and inspect NPDES improvements along Kuhio Beach.

Plan, design, construct, inspect and provide related equipment for NPDES improvements along Kuhio Beach.

Recommended		Conformity Comments
D	50	EXEMPT PROJECT: This project will make erosion control improvements to meet NPDES requirements. It is limited to the Kuhio Beach area. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
C	500	
I	200	
Total:	750	

2018071 NPDES MS4 EROSION PRONE AREA IMPROVEMENTS

Design, construct, and inspect erosion control improvements.

Long term planning, design and construction of erosion control measures within the City's municipal storm drainage system including streets, streams, storm drains, facilities, and other City owned properties, to mitigate the discharge of sediment from erosion prone areas. The project will develop an island-wide identification and prioritization plan that will be used towards implementing erosion mitigation measures, including within Total Maximum Daily Load (TMDL) approved areas such as the Ala Wai Canal, Kawa, Waimanalo, Kaneohe, Kapaa and Upper Kaukonahua Stream watersheds. (Previously Project #2010051)

Recommended		Conformity Comments
D	250	EXEMPT PROJECT: This project will make erosion control improvements at various locations on Oahu. Erosion control improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
C	850	
I	300	
Total:	1,400	

2018072 NPDES MS4 RETROFIT STRUCTURAL BMP IMPROVEMENTS PROGRAM

Design NPDES improvements.

Long term planning, design and construction of structural Best Management Practice (BMP) improvements to address the City's existing municipal storm drain system that may be contributing to water quality concerns and may be suitable for retrofit. The project will develop an island-wide identification and prioritization plan that will be used towards implementing structural BMP options throughout the permit term. Recommended improvements may include catch basin filters, hydrodynamic separators, booms, inlet screens, Low Impact Development (LID) designs and other measures to reduce pollutant discharge. (Formerly project #2015048)

Recommended		Conformity Comments
D	750	EXEMPT PROJECT: This islandwide miscellaneous fund focuses on underground drainage improvements. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
Total:	750	

2018073 NPDES MS4 STRUCTURAL BMPs FOR CITY INDUSTRIAL FACILITIES

Construct and inspect improvements to reduce debris discharge from City's storm drainage system.

Long term planning, design and construction of various structural Best Management Practice (BMP) improvements to reduce pollutant discharges from various City Industrial Facilities. The project will develop a City-wide identification and prioritization plan that will be used towards implementing various BMP measures, including treatment and source control technologies. Recommended structural BMPs shall include installing catch basin filters, hydrodynamic separators, booms and inlet screens, canopy structures, and Low Impact Development (LID) designs. Non-compliance is dependent on results from required annual storm water runoff samples taken from the facilities. Wastewater Treatment Plants, Landfills and Baseyards have strict pollutant concentration discharge levels. City's municipal storm water permit requires City industrial facilities to continuously meet the federal and state water quality based discharge limitations. (Formerly Project #2014095)

Recommended

C	500
I	150
Total:	650

Conformity Comments

EXEMPT PROJECT: This project will make improvements to the quality of stormwater runoff from City industrial facilities. Stormwater quality improvements at various locations on Oahu are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2018074 NPDES MS4 STRUCTURAL BMPs FOR TRASH REDUCTION

Design improvements to reduce debris discharge from the City's storm drainage system.

Long term planning, design and construction of various structural Best Management Practice (BMP) improvements to reduce debris discharges from the City's storm drainage system. The project will develop an island-wide identification and prioritization plan that will be used towards implementing various trash reduction measures, including areas prone to high trash accumulation rates such as Ulehawa Channel, Palolo Stream, Kapakahi Stream, Kalihi Stream and Ewa Beach Drainage Channel. Recommended structural BMPs may include installing catch basin filters, hydrodynamic separators, booms and inlet screens targeted at capturing trash. (Formerly Project #2014053)

Recommended

D	500
Total:	500

Conformity Comments

EXEMPT PROJECT: This project will reduce debris discharges from the City's storm drainage system. Stormwater quality improvements at various locations on Oahu are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2018075 NPDES MS4 TMDL STRUCTURAL BMP IMPROVEMENTS PROGRAM

Design, construct and inspect stormwater Best Management Practices Improvements.

Long term planning, design and construction of structural Best Management Practice (BMP) improvements for the purpose of improving water quality in storm water and storm drainage systems. The project will target pollutants such as nutrients and sediments in areas which have Total Maximum Daily Load (TMDL) Waste Load Allocations, or are projected to have such limitations. TMDLs have been established for the Ala Wai Canal, Waimanalo, Kapaa, Kawa, Kaneohe and Upper Kaukonahua Streams.

Recommended

D	250
C	2,000
I	350
Total:	2,600

Conformity Comments

EXEMPT PROJECT: This project will make structural BMP improvements to the City's storm drainage system. Storm drainage improvements at various locations on Oahu are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2019074 REHABILITATION/RECONSTRUCTION OF STORM DRAINS AND CATCH BASINS

Design storm drains and catch basins improvements.

Planning, design, construct, inspect and provide related equipment for storm drains within the City's jurisdiction.

Recommended

D	500
Total:	500

Conformity Comments

EXEMPT PROJECT: This project will improve the City's system of storm drains and catch basins. Storm drainage improvements at various locations are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2018076 STORM DRAINAGE BEST MANAGEMENT PRACTICES, DOWNTOWN-CHINATOWN

Design Best Management Practices improvements.

Long term planning, design and construction of structural Best Management Practice (BMP) improvements for storm drains in the Downtown and Chinatown areas. Storm water discharges from this area enter Nuuanu Stream, which has been identified by the State DOH and EPA as one of the top priority watersheds as defined by the State's 303(d) list. Downtown and Chinatown has also been identified as a critical location for water quality improvements based on the density of commercial businesses, visitors and residents, vehicular counts, number of complaints and greater probability for pollutant generation. Recommended structural BMPs may include installing catch basin filters, hydrodynamic separators, booms, inlet screens, Low Impact Development (LID) designs and other measures to reduce pollutant discharge. (Formerly Project #2010057)

Recommended	Conformity Comments
D 500	EXEMPT PROJECT: This project provides funds to plan, design, construct, and inspect structural BMPs for storm drains in the Downtown and Chinatown areas. Stormwater BMP improvements are not a project type that require a PIM symbol. (ROH Section 4-8.3)
Total: 500	

2018077 STORM DRAINAGE BEST MANAGEMENT PRACTICES IN THE SALT LAKE DRAINAGE SYSTEM

Plan, design, construct and inspect Best Management Practices improvements.

Long term planning, design and construction of various structural Best Management Practice (BMP) improvements for City drain lines which discharge into Salt Lake, which is privately owned. Storm water runoff from this area discharges into Moanalua Stream, which has been identified by the State DOH and EPA as one of the top priority watersheds as defined by the State's Section 303(d) list. Structural BMPs would be installed to address pollutants of concern such as sediment, trash, nutrients and metals that are typically associated with urbanized areas. Recommended improvements may include catch basin filters, hydrodynamic separators, booms, inlet screens, Low Impact Development (LID) designs and other measures to reduce pollutant discharge. (Formerly Project #2001020)

Recommended	Conformity Comments
P 50	EXEMPT PROJECT: This project will install pollution-mitigation measures within underground drainage lines which discharge into the Salt Lake drainage system. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
D 250	
C 10	
I 10	
Total: 320	

2018082 STORM DRAIN OUTLETS NEAR ALA WAI CANAL

Design storm drain outlet improvements.

Long term planning, design and construction of structural Best Management Practice (BMP) improvements for storm drains that outlet directly into the Ala Wai Canal. The Ala Wai Canal has been identified by the State DOH and EPA as one of the top priority watersheds as defined by the State's Section 303(d) list. Total Maximum Daily Load (TMDL) limits have been imposed on the City that requires additional measures to reduce pollutants to the Ala Wai Canal. Structural BMPs would be installed to address pollutants of concern such as sediment, trash, nutrients and metals that are typically associated with urbanized areas and as described in the City's permit. (Formerly Project #2003135)

Recommended	Conformity Comments
D 350	EXEMPT PROJECT: This project will install pollution-mitigation measures within underground drainage lines which discharge into the Ala Wai Canal. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
Total: 350	

KA Street Lighting

DDC Design and Construction

2015089

KAPIOLANI BOULEVARD STREET LIGHT IMPROVEMENTS

Design street light system improvements.

Replace existing street light system along Kapiolani Boulevard with new. First phase of project to be from Ward Avenue to Piikoi Street. Second phase of project to be from Piikoi to Atkinson.

Recommended		Conformity Comments
D	350	EXEMPT PROJECT: Replacement of street lights are exempt from needing a PIM revision. (ROH Section 4-8.1)
Total:	350	

2007043

STREET LIGHT METER CABINETS, TRANSFORMERS AND STREET LIGHTING IMPROVEMENTS

Design, construct and inspect street light meter cabinet, transformer and street lighting improvements.

Replace street light meter cabinets, City-owned electrical transformers, street lights, conduits and electrical appurtenances at various locations.

Recommended		Conformity Comments
D	365	EXEMPT PROJECT: This is an islandwide miscellaneous fund to improve electrical service to various sets of street lights. Street lights are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
C	900	
I	5	
Total:	1,270	

04 SANITATION**LK Waste Collection And Disposal****ENV Environmental Services****2018046 ENHANCED MATERIALS RECOVERY FACILITY**

Design, construct and inspect improvements for recycling facilities.

Project includes facilities for glass recycling, materials recycling, ash and automotive shredder residue processing, and white goods processing to allow for better management, materials recovery and recycling by the Refuse Division.

Recommended

D	1
C	1,000
I	400
Total:	1,401

Conformity Comments

CONFORMING PROJECT: The Ewa PIM shows a solid waste facility symbol (PIM No. 37) for accessory refuse activities related to the H-POWER plant, which is just east of the site. The project conforms with this PIM designation.

2023056 EWA REFUSE CONVENIENCE CENTER

Plan and design convenience center improvements.

Project includes relocating the Ewa Refuse Convenience Center to an available open area within the Honouliuli Wastewater Treatment Plant property. The new convenience center will include new paved roads, new paved unloading and storage areas, and associated facilities. The existing Ewa Refuse Convenience Center will be discontinued from its present use.

Recommended

P	1
D	500
Total:	501

Conformity Comments

PLANNING AND DESIGN ONLY: This project only provides funds for the planning and design of a new Convenience Center. Designation on the PIM is not required at the planning and design stage. However, in the future, a PIM revision may be required for the project. (ROH Section 4-8.3)

2022047 GREEN WASTE PROCESSING FACILITY

Plan and design a composting facility for green waste.

This project will provide a City owned composting facility for green waste. The plan for this facility to be ready to take over when the current contract ends on 3/1/2025. If City land can be identified, then future land funds would be reduced.

Recommended

P	500
D	1
Total:	501

Conformity Comments

PLANNING AND DESIGN ONLY: This project only provides funds for the planning and design of a new City owned composting facility for green waste. Designation on the PIM is not required at the planning and design stage. However, in the future, a PIM revision may be required for the project. (ROH Section 4-8.3)

2023057 KALAELOA REFUSE FACILITY

Plan and design new refuse facility.

This project includes a new glass and material recovery facility (MRF), which may be developed in conjunction with the proposed City owned composting facility for green waste, to take over when the current green waste contract expires on 3/1/2025. A site is needed, and the project may require City land, or other land acquisition, to provide buildable area.

Recommended

P	400
D	1
Total:	401

Conformity Comments

PLANNING AND DESIGN ONLY: This project only provides funds for the planning and design of a new City owned material recovery facility. Designation on the PIM is not required at the planning and design stage. However, in the future, a PIM revision may be required for the project. (ROH Section 4-8.3)

2017047 KAWAILOA TRANSFER STATION - MODIFICATIONS/REHABILITATION

Construct and inspect transfer station improvements.

Facility improvements include a second loadout area for operation flexibility, and office space and wastewater facilities to meet health and safety requirements. Project may also include rehabilitation of the existing facilities.

Recommended

C	8,000
I	500
Total:	8,500

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to adding a second loadout area in order to improve the station's operational flexibility and reliability. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2015046 KEEHI TRANSFER STATION - MODIFICATIONS/ REHABILITATION

Design, construct and inspect transfer station improvements.

Project provides modifications to the existing load out bays at the Keehi Transfer Station to allow for use of top loading refuse hauling trailers. Project also includes rehabilitation of structural, roofing, lighting, fire protection, fencing and related components of the existing facilities, work space improvements to meet health and safety requirements, and force main improvements for continued reliability of wastewater service.

Recommended

D	200
C	1,500
I	200
Total:	1,900

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to rehabilitation of existing structures at the City's Keehi Transfer Station. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2014052 LEEWARD REFUSE COLLECTION BASEYARD AND CONVENIENCE CENTER

Design, construct and inspect a refuse collection baseyard and convenience center improvements.

The growth of the island's population in the leeward areas supports the need for a new Leeward Baseyard. The proposed Leeward Baseyard site is adjacent to the H-POWER facility. Improvements to include a new convenience center facility by this site to allow the public to drop off refuse.

Recommended

D	1
C	11,600
I	400
Total:	12,001

Conformity Comments

CONFORMING PROJECT. The Ewa PIM shows both a corporation yard symbol (PIM No. 51) for the baseyard portion of this project and a solid waste symbol (PIM No. 37) for the refuse convenience center portion of this project. The project conforms to these two designations.

2010046 OAHU SANITARY LANDFILL

Plan and design a landfill.

Project includes land acquisition, planning, permitting, design, construction, and inspection of a sanitary landfill on Oahu. Planning work will include identification and evaluation of alternatives, technical support needed for the landfill site selection, and the required environmental review process. Design and construction will include an access road, drainage and utilities, and some site improvements. Landfill construction and operation to be accomplished through an operations contract is not included here.

Recommended

P	500
D	1
Total:	501

Conformity Comments

PLANNING AND DESIGN ONLY: This project only provides funds for the planning and design of a new landfill site. Designation on the PIM is not required at the planning and design stage. However, in the future, a PIM revision may be required for the project. (ROH Section 4-8.3)

2010054 REFUSE FACILITIES IMPROVEMENTS AT VARIOUS LOCATIONS

Plan, design, construct and inspect refuse facilities improvements.

Various improvements, rehabilitation or modifications of existing facilities, including, but are not limited to, roofs, tipping floors, drainage, structures, pavement, fencing, wastewater systems, office and other work space, etc., at various Refuse facilities including transfer stations, convenience centers, collection yards, and closed landfills.

Recommended

P	1
D	550
C	1,250
I	150
Total:	1,951

Conformity Comments

MINOR PROJECT: This is an islandwide miscellaneous fund for repairs, improvements, or modifications to various refuse facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2014065 SOLID WASTE TO ENERGY FACILITY (H-POWER) IMPROVEMENTS

Plan, design, construct and inspect H-POWER improvements.

Project will provide various improvements to the City's expanded H-Power facility. This funding will allow for the planning, engineering and implementation of anticipated future support projects which are not covered under existing contracts for the facility. The modifications and improvements may include, but not be limited to, additional storage areas and facilities, internal traffic flow improvements and parking, excess heat recovery projects, proposed roofing reinforcing for photovoltaic systems, and bulky and other waste processing improvements and infrastructure.

Recommended

P	1
D	1,000
C	15,000
I	1
Total:	16,002

Conformity Comments

CONFORMING PROJECT: The Ewa PIM shows a solid waste facility symbol (PIM No. 36) for H-POWER. The project conforms with this PIM designation.

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

Design, construct and inspect various improvements at the H-Power facility.

Various contract eligible improvements, upgrades and/or modifications needed at the H-Power facility.

Recommended

D	1
C	5,500
I	1
Total:	5,502

Conformity Comments

CONFORMING PROJECT: The Ewa PIM shows a solid waste facility symbol (PIM No. 36) for H-POWER. The project conforms with this PIM designation.

2002008 WAIPAHU INCINERATOR SITE - AREA CLEANUP AND IMPROVEMENTS

Plan, design, construct and inspect improvements.

This project will evaluate the existing incinerator site, to determine either future renovations and repairs, or demolition and reconstruction of a facility to house the Disposal roll-off fleet on the Leeward side and the maintenance group and their workshop. In addition, this project will include the development of a multi-function Refuse Facility, including relocated convenience center, recycling, and support facilities.

Recommended

P	1
D	500
C	5,000
I	500
Total:	6,001

Conformity Comments

MAJOR PROJECT: The project proposes to develop a new multi-function Refuse Facility which needs a Public Infrastructure Map revision before the project can be funded. There is a PIM revision pending for this project, which will add a new Solid Waste (SW) symbol to the Central Oahu PIM. This symbol will cover both the construction of the project and any needed future site improvements.

MR Improvement District-Sewers

ENV Environmental Services

1981040 KAHALUU SEWERS, SECTION 3, IMPROVEMENT DISTRICT, TMK 4-7-12 TO 18, 24,	Recommended	Conformity Comments
Acquire land, plan and design sewer improvements.	L 1	EXEMPT PROJECT: This project will either improve an existing sewer force main or else construct a new gravity sewer line. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	P 500	
A sewer district of unsewered properties bounded approximately by Kamehameha Highway, Waihee Road, Ahilama Road, and Kaimalolo Place. Project area is about 200 acres. The project may be designed for low pressure sewer system (lpss), with 1-1/4 to 6 inch HDPE pipe. Land acquisition for easements is approximately 24,270 square feet.	D 1	
	Total: 502	

MA Sewage Collection And Disposal**ENV Environmental Services**

2008063 AHUIMANU WASTEWATER PRELIMINARY TREATMENT FACILITY FORCE MAIN AND SEWER IMPROVEMENTS	Recommended	Conformity Comments
Plan and design wastewater treatment facility force main and sewer improvements.	P 1,000	EXEMPT PROJECT: This project will either improve an existing sewer force main or else construct a new gravity sewer line. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
Project includes condition assessment of the existing force main, report to EPA/DOH, follow-up condition assessment work and improvements, and development of alternatives for long-term reliability of service. The project may include modifications to the existing force main, pump system, appurtenances and gravity pipe system, or alternative systems. Next phase, starting in FY23, includes a proposed second force main for a back-up facility, septage receiving station and site improvements.	D 1	
	Total: 1,001	

2013046 AHUIMANU WASTEWATER PRE-TREATMENT FACILITY IMPROVEMENTS AND EQUALIZATION FACILITY	Recommended	Conformity Comments
Plan and design wastewater treatment facility improvements.	P 1	PLANNING AND DESIGN FUNDS ONLY: This project to address upgrades/modifications/ improvements in accordance with current spill contingency plans, projected peak wet weather flows, and reliability needs at the Ahuimanu WWPTF is currently only at the planning and design stage. Designation on the PIM may be required in the future when construction funds are budgeted, if significant new development is allowed, or if environmental impacts from the equalization facility prove significant. (ROH Sections 4-8.1 and 4-8.4)
The Ahuimanu wastewater preliminary treatment facility and pump system needs upgrades/ modifications/improvements in accordance with current spill contingency plans, projected peak wet weather flows, and reliability needs, including possible equalization storage tank facilities. The project may include improvements or modifications to screenings and grit removal, pumping, septage receiving, and other material handling facilities. The project may also include related facility modifications and appurtenances for reduction of potential odors and corrosion, and for continued long-term reliability.	D 500	
	Total: 501	

2019046 AWA STREET WWPS IMPROVEMENTS/REHAB

Plan and design wastewater pump station improvements.

Project includes structural, mechanical, civil, electrical and/or other improvements and rehabilitation work to the existing Awa Street Wastewater Pump Station. Project will address the pump station capacity needed to meet population and development projections.

Recommended

P	1
D	1,500
Total:	1,501

Conformity Comments

PLANNING AND DESIGN FUNDS ONLY: This project only provides funds for the planning and design of the Awa Street WWPS improvements. Designation on the PIM is not required at the planning stage. In the future, once the project scope have been identified, a determination will be made as to whether or not this project will require a PIM symbol. (ROH Sections 4-8.1, 4-8.3, and 4-8.4)

2023046 COLLECTION SYSTEM MAINTENANCE (CSM) PEARL CITY WAREHOUSE

Plan and design warehouse facilities.

Project provides a new warehouse building on the site of the existing ENV warehouse, on Waihona Street, Pearl City, which is in need of replacement due to deteriorated and unsafe conditions. Warehouse provides for storage of essential parts, materials, and equipment needed for maintenance of the City sewer system and wastewater pump stations.

Recommended

P	1
D	100
Total:	101

Conformity Comments

PLANNING AND DESIGN FUNDS ONLY: This project only provides funds for the planning and design of the replacement of an existing warehouse. Designation on the PIM is not required at the planning and design stage. In the future, once the project scope have been identified, a determination will be made as to whether or not this project will require a PIM symbol. (ROH Sections 4-8.1, 4-8.3, and 4-8.4)

2023047 ENERGY IMPROVEMENTS AT WASTEWATER FACILITIES

Plan and design energy improvements at wastewater facilities.

Project will provide improvements at wastewater facilities to increase energy efficiency, implement renewable energy projects, and/or reduce energy demand. Improvements may include, but not be limited to, electricity demand management facilities, electrical power conditioning improvements, higher-efficiency equipment and systems, and renewable energy projects such as photovoltaic systems, battery systems, biogas treatment and storage, and facilities to beneficially use biogas.

Recommended

P	500
D	1
Total:	501

Conformity Comments

MINOR PROJECT: This project is not considered major and does not need a PIM revision. It is limited to minor upgrades to the wastewater facilities, including efficiency improvements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.2 and 4-8.4)

2012046 HALAWA WASTEWATER PUMP STATION FORCE MAIN SYSTEM IMPROVEMENTS

Plan and design wastewater pump station force main system improvements.

The project planning phase includes evaluating the proposed relocation of the existing force main, and/or force main system redundancy improvements, and work at the pump station that may be needed to provide compatibility with the force main work, and capacity for anticipated future flows. The project may include improvements to system reliability, and spill contingency plan improvements recommended for the force main system.

Recommended

P	600
D	1
Total:	601

Conformity Comments

EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM, and any pump station work qualifies as a minor extension of the force main work. (ROH Sections 4-8.3 and 4-8.4)

2017054 HART STREET WWPS FORCE MAIN IMPROVEMENTS PHASE 3

Plan, design, construct and inspect wastewater force main improvements.

Project includes the next scheduled condition assessment of the existing force main system, by 2019, follow-up action plan and improvements. The project may include rehabilitation work for the force main system and appurtenances, based on the findings of the assessment.

Recommended

P	1
D	200
C	4,000
I	600
Total:	4,801

Conformity Comments

EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station. Sewer lines are not a type of project required to be shown on the PIM, and any pump station work qualifies as a minor extension of the force main work. (ROH Sections 4-8.3 and 4-8.4)

2009111 HEEIA WASTEWATER PUMP STATION IMPROVEMENTS

Design, construct and inspect wastewater pump station facilities improvements.

Plan, design and construct improvements to the Heeia Wastewater Pump Station in Kaneohe, Oahu. The work may include, but not be limited to, replacing pumps, piping, mechanical and electrical equipment, emergency generator, structural work, upgraded ventilation system, misc. upgrades to meet current building codes, and misc. site improvements. Updated peak wet weather flow estimates will be considered in the design.

Recommended

D	100
C	6,000
I	500
Total:	6,600

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations and that will address peak wet-weather flows. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2023049 HONOLULU AREA SEWER RECONSTRUCTION/REHABILITATION

Plan and design sewer reconstruction/rehabilitation improvements.

This project includes evaluation, planning, design and construction of improvements to the existing sewer system located in Honolulu, downtown, Nimitz/Ala Moana Blvd, and adjoining areas, including the tributary sewers. The planning phase will perform field work, evaluation, and development of alternatives for improvements, which may include sewer rehabilitation, reduction of infiltration and inflow, sewer relief and/or replacement, alternative systems and miscellaneous improvements.

Recommended

P	1,200
D	1
Total:	1,201

Conformity Comments

EXEMPT PROJECT: This project will rehabilitate and improve the existing sewer system in the Honolulu tributary system. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)

2010053 HONOULIULI WWTP EFFLUENT TREATMENT & OUTFALL IMPROVEMENTS

Plan and design wastewater effluent treatment and outfall improvements.

Conduct an assessment of the existing outfall for the Honouliuli Wastewater Treatment Plant (WWTP), and provide improvements or rehabilitation work determined to be needed for the outfall. Planning work for the outfall as of 2019 indicated that no major improvements or repairs are needed at this time. Planning work also includes effluent treatment alternatives for disinfection, flow measurement, sampling and other treatment related needs, which may be considered to meet NPDES requirements. Project includes design and construction of disinfection system improvements, which is required by the NPDES permit to be complete by 12/31/29.

Recommended

P	1
D	2,000
Total:	2,001

Conformity Comments

CONFORMING PROJECT: The Ewa PIM shows a sewage treatment plant modification symbol (PIM No. 2) for the Honouliuli WWTP. The project will upgrade the sewer outfall which extends from the WWTP out into the ocean. This project is consistent with the Ewa Development Plan, which calls for improved wastewater treatment to meet a federal consent decree.

2019047 HONOULIULI WWTP HEADWORKS, PUMP STATION, ENERGY SAVINGS, SOLIDS PROCESS UPGRADES AND MISC. IMPROVEMENTS

Plan, design, construct and inspect wastewater treatment plant and related facility improvements.

Improvements/upgrades to the existing facilities at Honouliuli Wastewater Treatment Plant, which in conjunction with the secondary treatment upgrade, provide for future energy and maintenance efficiency, reliability, and capacity needs. The project includes improvements to the headworks screens, grit removal, influent pump station, primary clarifiers, trickling filters, digesters, mixing tanks, electrical and SCADA systems, odor control, and other support facilities, and conversion to new HRBC, THP, combined heat and power, and fats, oils and grease systems. Includes on-site utility and piping improvements, drainage and frontage improvements, and off-site water line improvements in support of the WWTP's needs.

Recommended	
P	1
D	800
C	61,000
I	7,500
Total:	69,301

Conformity Comments

CONFORMING PROJECT: The Ewa PIM shows a sewage treatment plant modification symbol (PIM No. 2) for the Honouliuli WWTP. The project conforms with this PIM designation.

2013054 KAHALA WASTEWATER PUMP STATION AND FORCE MAIN SYSTEM IMPROVEMENTS

Plan, design, construct and inspect wastewater pump station and force main improvements.

Project includes follow-up action plan items, including items required by the 2010 Consent Decree, condition assessment work and improvements to ensure long-term reliability of the existing pump station and two force mains. The project may include rehabilitation and/or upgrades to the existing pump system, force mains, force main discharge infrastructure, gravity sewers connected in the vicinity, and appurtenances. Project may include pump, valve and piping replacements, and reliability improvements to electrical, mechanical and structural components at the WWPS.

Recommended	
P	1
D	1
C	20,000
I	1,500
Total:	21,502

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2023050 KAHUKU WASTEWATER FACILITIES PLAN

Prepare wastewater facilities plan for the Kahuku area.

Preparation of a wastewater facilities plan, and associated environmental impact statement, for the Kahuku Wastewater Treatment Plant and its wastewater service basin. The facilities plan will address the long-term wastewater management needs for the Kahuku area.

Recommended	
P	1,000
Total:	1,000

Conformity Comments

EXEMPT PROJECT: This project provides planning funds for a wastewater facilities plan to address long-term wastewater management needs of the Kahuku area. Planning studies are exempt from the PIM. (ROH Section 4-8.1)

2019069 KAHUKU WWTP - SEPTAGE RECEIVING, SBR AND SLUDGE THICKENING IMPROVEMENTS

Plan and design septage receiving, SBR and sludge thickening improvements at Kahuku WWTP.

Upgrade/replace septage receiving station and upgrade the Sequencing Batch Reactors (SBRs) treatment process, at Kahuku Wastewater Treatment Plant. Improve sludge thickening process facilities. Includes site drainage, driveway improvements, utilities and piping, and miscellaneous site improvements.

Recommended	
P	1
D	1,500
Total:	1,501

Conformity Comments

PLANNING AND DESIGN FUNDS ONLY: This project addresses upgrades/modifications/improvements to the Kahuku WWTP and is currently only at the planning and design stage. Designation on the PIM may be required in the future when construction funds are budgeted, if significant new development is allowed, or if environmental impacts from the upgrades to the facility prove significant. (ROH Sections 4-8.1 and 4-8.4)

2023051 KAILUA/KANEOHE AREA SEWER RECONSTRUCTION/REHABILITATION	Recommended	Conformity Comments
<p>Plan and design sewer reconstruction/rehabilitation improvements.</p> <p>This project includes evaluation, planning, design and construction of improvements to the existing sewer system located in Kailua, Kaneohe, Kahaluu, and adjoining areas, including the tributary sewers. The planning phase will perform field work, evaluation, and development of alternatives for improvements, which may include sewer rehabilitation, reduction of infiltration and inflow, sewer relief and/or replacement, alternative systems and miscellaneous improvements.</p>	<p>P 1,000</p> <p>D 1</p> <p>Total: 1,001</p>	<p>EXEMPT PROJECT: This project will rehabilitate and improve the existing sewer system in the Kailua/ Kaneohe tributary system. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)</p>
2019071 KAILUA WASTEWATER TREATMENT PLANT	Recommended	Conformity Comments
<p>Plan and design rehabilitation of treatment facilities at Kailua WWTP.</p> <p>Rehabilitate the existing primary sedimentation tanks, secondary clarifier tanks, trickling filter/ solids contact (TFSC) system, and other existing facilities, at the Kailua Regional Wastewater Treatment Plant (WWTP), including the associated mechanical, electrical and other appurtenances. Project includes tank and system condition assessment, and rehabilitation and improvements including lining and/or exterior coating, replacement of internal metal structures, electrical and mechanical equipment, pumps, motors, controls, launders, covers, filter media, piping, and valves. Project includes demolishing old unused facilities.</p>	<p>P 1</p> <p>D 1,500</p> <p>Total: 1,501</p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will rehabilitate on-site sewage treatment tanks and their associated pipes and equipment, and it will also demolish old and unused facilities. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.</p>
2010048 KAILUA WASTEWATER TREATMENT PLANT OUTFALL IMPROVEMENTS/REHABILITATION	Recommended	Conformity Comments
<p>Plan and design wastewater treatment plant outfall improvements.</p> <p>Conduct an assessment of the existing outfall, and provide improvements or rehabilitation work determined to be needed for the outfall.</p>	<p>P 1</p> <p>D 600</p> <p>Total: 601</p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will recommend ways to improve the plant's existing sewer outfall. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.</p>
2017055 KAILUA WASTEWATER TREATMENT PLANT-SOLIDS HANDLING SYSTEM IMPROVEMENTS	Recommended	Conformity Comments
<p>Plan and design wastewater treatment plant solids handling system improvements.</p> <p>Replacement of and/or modifications to the existing solids handling systems at the Kailua Wastewater Treatment Plant to modernize the facility, improve the efficiency of the operations and increase the reliability. Planning phase will evaluate alternative options for solids receiving, thickening, mixing, digestion, biogas use, dewatering, and other handling processes. Project includes appurtenant improvements such as site work, structures, energy savings, and odor control systems.</p>	<p>P 1</p> <p>D 800</p> <p>Total: 801</p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project conforms with this PIM designation.</p>

2016050 KAILUA WASTEWATER TREATMENT PLANT UPGRADE, PHASE 2

Design, construct and inspect improvements to Kailua wastewater treatment plant.

Project includes Phase 2 work for rehabilitation and/or upgrades at the Kailua Wastewater Treatment Plant (WWTP), including work needed for the electrical system, emergency generator system, demolition of old unused facilities, and pump stations within the WWTP. Project will provide reliability improvements to electrical, mechanical, structural and site work components at the WWTP, as developed in the engineering phases.

Recommended

D	100
C	1
I	1
Total:	102

Conformity Comments

CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will upgrade the on-site sewage pump stations and handling systems, and will also demolish old and unused facilities. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.

2019064 KAILUA WWTP - SYSTEM IMPROVEMENTS

Plan and design system improvements at Kailua WWTP.

Project includes improvements to liquids and solids treatment and pumping facilities at the Kailua Regional Wastewater Treatment Plant (WWTP), including the associated mechanical systems, electrical systems, and other appurtenances. Project includes anticipated upgraded treatment processes needed for NPDES permit requirements, which may include treatment for dieldrin, and effluent disinfection. Planning includes assessment of existing facilities, and may also include improvements needed for the effluent pump station, septage receiving, digester covers, and demolition of unused facilities.

Recommended

P	400
D	1
Total:	401

Conformity Comments

CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will rehabilitate on-site TFSC and biotower facilities and their associated pipes and equipment, and it will also demolish old and unused facilities. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.

2002037 KALANIANAOLE HIGHWAY SEWER SYSTEM IMPROVEMENTS

Plan and design sewer system improvements.

This project includes evaluation, planning, design and construction of improvements to the existing sewer system located along Kalaniana'ole Highway and adjoining areas, from Aina Haina to Kahala, including the upstream tributary sewers. The planning phase will perform field work, evaluation, and development of alternatives for improvements, which may include sewer rehabilitation, reduction of infiltration and inflow, sewer relief and/or replacement, inverted siphon improvements, low-pressure sewer system (LPSS) pump alternatives, and pump station work. Initial phase of construction may be funded under project #2000071.

Recommended

P	400
D	600
Total:	1,000

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2023052 KALIHI KAI AREA SEWER RECONSTRUCTION/REHABILITATION

Plan and design sewer reconstruction/rehabilitation improvements.

This project includes evaluation, planning, design and construction of improvements to the existing sewer system located in Kalihi Kai, Nimitz/Ala Moana Blvd, Iwilei, and adjoining areas, including the tributary sewers. The planning phase will perform field work, evaluation, and development of alternatives for improvements, which may include sewer rehabilitation, reduction of infiltration and inflow, sewer relief and/or replacement, alternative systems and miscellaneous improvements.

Recommended

P	1,000
D	1
Total:	1,001

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2005075 KALIHI / NUUANU AREA SEWER REHABILITATION/ IMPROVEMENTS

Plan and design sewer improvements.

The project will include structural and/or hydraulic rehabilitation of existing gravity sewers in the collection basin areas of Lower Kalihi, Pacific Heights, Punchbowl, and Liliha. With FY21 funds, the project also includes Consent Decree required segments allowed to be done "after 2020", 18.g. SI-CS-04 Auiki St, and 18.f. SI-CS-39 Kalani St, and segments in the vicinity needing upgrade to provide capacity. The construction phase of the work is being done under multiple construction contracts, and portions of the work are phased.

Recommended

P	500
D	1,000
Total:	1,500

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2018058 KALIHI VALLEY SEWERS - RELIEF/RECONSTRUCTION

Plan and design sewer improvements.

Plan, design and construct relief sewers and reconstruction of existing sewers in Kalihi Valley to provide additional capacity in the sewer collection system to accommodate projected growth and projected wet weather flows. This project also provides funding for rehabilitation and improvements to sewerlines in Kalihi Valley that may be identified as priority for reducing and preventing wastewater spills.

Recommended

P	1
D	2,100
Total:	2,101

Conformity Comments

EXEMPT PROJECT: Sewer Lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2012049 KAMEHAMEHA HIGHWAY WASTEWATER PUMP STATION FORCE MAIN SYSTEM IMPROVEMENTS

Plan and design force main system improvements.

The project provides rehabilitation work and improvements for the system, consisting of the new and old force mains, and work at the Kamehameha Highway Wastewater Pump Station, located in the Mapunapuna area, that may be needed to provide compatibility with the force main system. Based on the recommendations from the planning phase, and the flow diversion report for the 2010 Consent Decree, the project may include reconstruction, rehabilitation, diversion facilities and/or other improvements for all or portions of the force mains. Includes a new force main installed by horizontal directional drilling under the streams, with FY17 to FY19 Construction funds. This new force main, plus the 1997 force main, will provide a dual force main system. Includes decommissioning and/or demolition and removal of two force main support bridges, with the FY24 Construction funds, for the old 1950's force main that is no longer used.

Recommended

P	250
D	100
Total:	350

Conformity Comments

EXEMPT PROJECT: This project will rehabilitate both new and old force mains. It may also slightly modify the existing pump station. Sewer lines are not a type of project required to be shown on the PIM, and any pump station work qualifies as a minor extension of the force main work. (ROH Sections 4-8.3 and 4-8.4)

2010060 KAMEHAMEHA HIGHWAY WASTEWATER PUMP STATION UPGRADE, MAPUNAPUNA

Design, construct and inspect wastewater pump station improvements.

This project provides for required capacity of the wastewater pump station to address updated peak wet weather flow estimates, and provides for other needed improvements which will be evaluated in the planning phase. The work may include, but not be limited to, replacing pumps, piping, mechanical and electrical equipment, ventilation system, misc. upgrades to meet current building codes, and misc. site improvements. Capacity of the tributary and downstream areas will be considered in the planning phase. FY22 and FY23 Construction funds provide for improvements and rehabilitation of the pump station wetwell and related structures.

Recommended		Conformity Comments
D	200	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to the following improvements to the Kamehameha Highway WWPS in Mapunapuna: correct hydraulic deficiencies during peak wet-weather storm flows, and ensure reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
C	500	
I	600	
Total:	1,300	

2022046 KANEOHE/KAILUA SEWER TUNNEL - DECOMMISSION OLD FACILITIES

Plan and design decommissioning of old facilities.

Project will decommission old unused facilities located at the former Kaneohe Wastewater Pre-treatment Facility (WWPTF), the Kailua Regional Wastewater Treatment Plant (WWTP), and the force main between these facilities, which as a result of the completion of the Kaneohe/Kailua Sewer Tunnel in 2018, are no longer in use or needed. The project will consider alternatives for decommissioning including demolition, removal, abandonment and re-purposing.

Recommended		Conformity Comments
P	1	PLANNING AND DESIGN ONLY: This project will consider the decommissioning of old unused WWTP facilities. A PIM revision is not required for the demolition of structures. However, if the existing buildings were to be repurposed to another use, a PIM revision may be required.
D	600	
Total:	601	

2013059 MAUNAWILI WASTEWATER PUMP STATIONS, FORCE MAINS AND SEWER IMPROVEMENTS, KAILUA

Plan and design wastewater pump stations, force mains and sewer improvements.

This project is to address peak wet weather flow projections for the Maunawili Park WWPS and Maunawili Estates WWPS, Kailua, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project may also include improvements to the pump stations, force mains and sewer lines in the vicinity as determined in the planning phase to address the peak flows. Project includes KK-CS-19, Maunawili Relief Sewer, and KK-PS-14, Maunawili Estates WWPS Upgrade, per para. 18.g. of the 2010 Consent Decree, and in accordance with the Final Deferred Projects Report, May 2014.

Recommended		Conformity Comments
P	500	MINOR PROJECT: The project (currently in the planning and design phase) is not considered major and does not need a PIM revision. It is limited to reliability improvements, possible increases in pumping capacity to accommodate peak wet-weather flows, and sewer-line improvements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.2 and 4-8.4)
D	300	
Total:	800	

2019072 MOANALUA STREAM SEWER REPLACEMENT/RECONSTRUCTION

Acquire land, plan and design replacement/reconstruction of the Moanalua Stream area sewers.

Evaluate alternatives for re-aligning or reconstructing the existing sewer system located along Moanalua Stream. Based on the results of the planning phase, design and construct sewer improvements to help minimize risks due to proximity to the stream, and provide related work for rehabilitation/improvements of sewers for long-term reliability. Acquire new easements and reconnect laterals as necessary.

Recommended		Conformity Comments
L	1	EXEMPT PROJECT: Sewer Lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
P	1	
D	500	
Total:	502	

2023053 PAALAKAI WASTEWATER FACILITIES PLAN

Prepare a wastewater facilities improvement plan.

Preparation of a wastewater facilities plan, and associated environmental impact statement, for the Paalakai Wastewater Treatment Plant and its wastewater service basin. The facilities plan will address the long-term wastewater management needs for the Paalakai area.

Recommended

P 1,000
Total: 1,000

Conformity Comments

EXEMPT PROJECT: This project provides planning funds for a wastewater facilities plan to address long-term wastewater management needs of the Paalakai area. Planning studies are exempt from the PIM. (ROH Section 4-8.1)

2008078 PALOLO VALLEY SEWER REHABILITATION/ RELIEF

Plan and design sewer rehabilitation.

This project is to address possible hydraulic and structural deficiencies in the collection sewers in Palolo Valley. This project will be based upon results of CCTV inspection and sewer assessment work, and consideration of conveying the projected peak wet weather design flow. Construction funds in FY17/FY18 are for the portion of SI-CS-17 to be done by a deadline of 6/30/20. With FY21 funds for planning, the project also includes Consent Decree required segments allowed to be done "after 2020", portions of SI-CS-17 and SI-CS-27, and segments in the vicinity needing upgrade to provide capacity.

Recommended

P 1
D 1,000
Total: 1,001

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2018057 PEARL CITY/WAIPAHU TRUNK SEWER

Plan and design the trunk sewer.

Proposed new gravity sewer line from the existing Pearl City Wastewater Pump Station (WWPS) to the vicinity of the existing Waipahu WWPS, constructed by trenchless methods such as micro-tunneling. Alternative configurations and routes for the new sewer to be evaluated. This project would be done in coordination with a proposed new or reconstructed Waipahu WWPS, to accommodate this new deeper sewer, and would allow elimination of the Pearl City WWPS and its associated force mains.

Recommended

P 1
D 4,000
Total: 4,001

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3)

2013060 PEARL CITY WASTEWATER PUMP STATION, FORCE MAIN, AND SEWER SYSTEM ALTERNATIVES

Construct and inspect improvements at Pearl City wastewater pump station.

This project is to address peak wet weather flow projections for the Pearl City WWPS, accommodate projected future development, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. The project may include flood proofing the existing station or other mitigation measures. Project may also include improvements to the pump station force mains and sewer lines in the vicinity as determined in the planning phase, and to provide compatibility with pump station upgrades for peak flows.

Recommended

C 180
I 550
Total: 730

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements to the pump station and its force mains to address peak wet weather flow projects and miscellaneous improvements. Thus, the current project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2001124 PROJECT MANAGEMENT FOR WASTEWATER PROJECTS

Provision of funds for direct costs for the administration of wastewater capital projects.

Provision of funds for the planning, design and construction management for wastewater projects, including related expenses associated with these services.

Recommended

X 8,524

Total: 8,524**Conformity Comments**

EXEMPT PROJECT. This is a miscellaneous fund for project administrative costs for various projects. Funding for land acquisition or construction is not expected to be part of the scope of this project. Project administrative costs are not a type of project required to be shown on the PIM. (ROH Section 4-8.1)

1994511 SAND ISLAND WASTEWATER TREATMENT PLANT EXPANSION, PRIMARY TREATMENT

Design, construct and inspect wastewater treatment plant improvements.

Upgrade, refurbish and/or expand treatment units at the treatment plant, which are not already included in the Sand Island WWTP, Unit 1, Phase 2A (Headworks) Project, #89071, to bring overall plant capacity from 82 to 90 mgd average daily flow. Included is conversion of 6 flocculator/clarifier tanks to gravity settling tanks, reconstruction and rehabilitation work, odor control facilities, solids handling facilities, modifications to gravity thickeners, electrical system upgrade, emergency generators, and ancillary systems. Funds in FY11-FY17 fiscal years provide for the Phase 2 project work. The FY20 through FY23 project includes rehabilitation of wet sludge storage facilities, miscellaneous structural rehabilitation, and related appurtenances.

Recommended

D 200

C 1

I 1

Total: 202**Conformity Comments**

CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. The project conforms with this PIM designation.

2013062 SAND ISLAND WASTEWATER TREATMENT PLANT IMPROVEMENTS/UPGRADE

Plan and design wastewater treatment plant improvements.

Project includes rehabilitation and/or upgrades at the Sand Island Wastewater Treatment Plant (WWTP), including rehabilitation/renovation work for existing buildings, repair of deteriorated building exteriors, rehabilitation and/or protective coatings of concrete tanks, pipes and structures exposed to corrosive gases. Upgrades are proposed for electrical systems, emergency generator systems, effluent pump controls and hoist systems. Project may include miscellaneous reliability and site improvements, including electrical, mechanical, civil and structural components at the WWTP, as developed in the planning phase.

Recommended

P 1

D 500

Total: 501**Conformity Comments**

CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. The repairs and upgrades will help make the treatment plant more efficient and reliable. This project conforms to the Primary Urban Center Development Plan, which contains a policy to upgrade and expand the treatment plants serving the PUC.

2012059	SAND ISLAND WASTEWATER TREATMENT PLANT SECONDARY TREATMENT	Recommended	Conformity Comments
	Plan, design, construct and inspect wastewater treatment plant improvements.	P 6,000	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. The project conforms with this PIM designation.
		D 15,000	
		C 1	
		I 10,000	
		Total: 31,001	
	Upgrade the Sand Island Wastewater Treatment Plant to include full secondary treatment of wastewater. Project also includes improvements related to the secondary treatment upgrades, site improvements and relocation work, septage receiving facilities, upgrades to grit processes and other pre-secondary treatment processes, flow equalization, intermediate pump station and other pump station work, sludge pumping, thickening and other solids handling, changes to disinfection facilities, maintenance and storage facilities, utilities, appurtenances and miscellaneous support facilities. FY20 Construction funds provide for project site preparation, maintenance facilities, septage receiving and miscellaneous improvements. FY21 Construction funds are for the first phase of secondary treatment, to treat an approximate one third portion of the average flow to secondary treatment. The planning work for the second phase begins with the FY21, FY22 and FY23 Planning phase funds. The second phase construction estimate, shown in Future Years, is planned to be budgeted in FY29 through FY31.		
2018054	SAND ISLAND WWTP SOLIDS SYSTEM IMPROVEMENTS/UPGRADE	Recommended	Conformity Comments
	Design, construct and inspect WWTP solids system improvements.	D 1	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. The project conforms with this PIM designation.
		C 85,000	
		I 800	
		Total: 85,801	
	Solids handling facilities needed at the Sand Island Wastewater Treatment Plant to provide for adequate treatment, processing and handling of wastewater solids. This project objective is the capacity upgrades needed to accommodate Secondary Treatment upgrades required by the 2010 Consent Decree, including the first and second phases of the upgrade, and also the capacity needed for the projected growth and development.		
2007068	SEWER CONDITION ASSESSMENT PROGRAM	Recommended	Conformity Comments
	Plan and inspect for sewer and force main condition assessment.	P 5,000	EXEMPT PROJECT: This project provides planning funds for a program to monitor the structural condition of sewers by making field inspections to assess the condition of sewer lines. Planning studies are exempt from the PIM. (ROH Section 4-8.1)
		I 1	
		Total: 5,001	
	This program will assess the structural condition of sewers, including CCTV inspection and other assessment methods, and inspect sewer rehabilitation projects. The approach of the program is to track the structural condition of elements of the collection system by performing field inspections and condition assessments of gravity sewers and force mains. The work includes analysis of assessment results and project management of follow-on improvement/rehabilitation work needed as determined by the assessments.		

2000071 SEWER MAINLINE AND LATERAL PROJECTS

Acquire land, plan, design, construct and inspect mainline and lateral improvement projects.

Project provides funding for high priority sewer mainline and lateral projects. Funding is for island-wide sewer rehabilitation and reconstruction work.

Replacement of existing systems with alternative sewer systems, such as low pressure pump and force main sewer systems (LPSS), may be included. This project includes rehabilitation of sewerlines identified as high priority for reducing and preventing wastewater spills. Project includes easements and access improvements at various locations, and also facilities improvements at the Collection Systems Maintenance baseyard in Halawa for project management and engineering support for this program.

Recommended

L	100
P	200
D	500
C	14,000
I	500
Total:	15,300

Conformity Comments

EXEMPT PROJECT: This is a miscellaneous fund to improve various sewer lines. Sewer lines are not a type of project required to be shown on the PIM. (Section 4-8.3)

2020048 SEWER RELIEF & REHABILITATION - ALA MOANA BASIN

Plan and design improvements to the sewer collection basin that is tributary to the Ala Moana WWPS.

Project includes the second increment of sewer relief and sewer rehabilitation projects identified by capacity assessment, facility planning and condition assessments. This project covers the sewer collection basin that is tributary to the Ala Moana Wastewater Pump Station, which is roughly from the downtown and Punchbowl areas going eastward to Niu Valley. Project may include, but is not limited to, some improvements to meet 2010 Consent Decree requirements which have construction completion schedule allowed after 2020.

Recommended

P	500
D	1
Total:	501

Conformity Comments

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2020050 WAHIAWA WWTP - EFFLUENT SYSTEM & STORAGE

Plan, design and construct effluent system and storage improvements.

Effluent system pumping and storage improvements at Wahiawa Wastewater Treatment Plant will provide for pumping treated effluent to an off-site recycled water distribution system being developed by the State. Project may include additional storage within the WWTP of approximately 3 million gallons. Project is in accordance with the funding provided by the State.

Recommended

P	1
D	1
C	5,000
Total:	5,002

Conformity Comments

CONFORMING PROJECT: The Central Oahu PIM shows a sewage treatment plant modification symbol (PIM No. 40) for improvements to the Wahiawa Waste Water Treatment Plant. The project conforms with this PIM designation.

2022048 WAHIAWA WWTP - SYSTEM IMPROVEMENTS

Plan, design, construct and inspect various improvements to the Wahiawa WWTP.

Project will provide improvements to the Wahiawa WWTP as determined in the planning phase. The improvements may include screening, grit removal, pumping, additional aeration and filters, flow equalization improvements, disinfection improvements, electrical upgrades, control systems and related electrical, mechanical and site improvements.

Recommended

P	1
D	700
C	1
I	800
Total:	1,502

Conformity Comments

CONFORMING PROJECT: The Central Oahu PIM shows a sewage treatment plant modification symbol (PIM No. 40) for improvements to the Wahiawa Waste Water Treatment Plant. The project conforms with this PIM designation.

2013100 WAIANAE WASTEWATER TREATMENT PLANT OUTFALL IMPROVEMENTS/REHABILITATION

Plan and design improvements to the outfall at Waianae wastewater treatment plant.

Conduct an assessment of the existing outfall, and provide improvements or rehabilitation work determined to be needed for the outfall.

Recommended	Conformity Comments
P 200	MINOR PROJECT: This project is not considered major and does not need a PIM revision. It is limited to rehabilitating or upgrading the WWTP's outfall pipe and structure. It does not meet the PIM applicability criteria. (ROH Sections 4-8.2 and 4-8.4)
D 400	
Total: 600	

2020051 WAIMALU TRUNK SEWERS - REHABILITATION/REPLACEMENT

Plan and design sewer improvements.

This project will address hydraulic and structural deficiencies in the trunk sewers between Halawa and Waimalu, including tributary branch sewers. The scope of the project will be determined by the planning phase work, based on CCTV inspection, sewer assessment, measurement of sewer inverts, and related work, with consideration of conveying the future peak wet weather design flow.

Recommended	Conformity Comments
P 800	EXEMPT PROJECT: This project will assess the rehabilitate the existing force main. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)
D 1	
Total: 801	

2017056 WAIMALU WASTEWATER PUMP STATION FORCE MAIN SYSTEM

Design, construct and inspect wastewater pump station force main system improvements.

Project includes the next scheduled condition assessment of the existing force main system, follow-up action plan and improvements, by 9/30/2018. The project includes the recommended follow-up rehabilitation work for the force main system and appurtenances.

Recommended	Conformity Comments
D 200	EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station for sewer line connection compatibility. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)
C 1,200	
I 1	
Total: 1,401	

2023054 WAIMANALO WASTEWATER FACILITIES PLAN

Prepare a wastewater facilities improvement plan.

Preparation of a wastewater facilities plan, and associated environmental impact statement, for the Waimanalo Wastewater Treatment Plant and its wastewater service basin. The facilities plan will address the long-term wastewater management needs for the Waimanalo area.

Recommended	Conformity Comments
P 1,500	EXEMPT PROJECT: This project provides planning funds for a wastewater facilities plan to address long-term wastewater management needs of the Waimanalo area. Planning studies are exempt from the PIM. (ROH Section 4-8.1)
Total: 1,500	

2018056 WAIPAHU WASTEWATER PUMP STATION NO.2

Plan and design the wastewater pump station improvements.

Proposed new wastewater pump station (WWPS) in the vicinity of the existing Waipahu WWPS. Project may also include reconstruction of part or all of the existing Waipahu WWPS, as well as the associated force main and gravity sewer connections at the WWPS. Alternative configurations and sites to be considered. The project is proposed to be done in coordination with the new proposed Pearl City/Waipahu Trunk Sewer project, and allow the elimination of the existing upstream Pearl City WWPS.

Recommended	Conformity Comments
P 1,000	PLANNING FUNDS ONLY: This project only provides funds for the planning of the Waipahu Wastewater Pump Station project. Designation on the PIM is not required at the planning stage. (ROH Sections 4-8.1, 4-8.3, and 4-8.4)
D 1	
Total: 1,001	

2000038 WASTEWATER EQUIPMENT

Purchase major wastewater equipment.

Procurement of major equipment needed for the wastewater function of the Department of Environmental Services.

Recommended

E 9,280.14

Total: 9,280.14**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund for the purchase of major sewer-related equipment. Designation on the PIM is not required for equipment purchases. (Section 4-8.1)

1998806 WASTEWATER FACILITIES REPLACEMENT RESERVE

Funding for emergency replacement of sewer collection systems and wastewater treatment facilities.

Funds for unanticipated breakdowns at wastewater facilities, and emergency repairs of sewer collection systems. Federal law administered by the U.S. Environmental Protection Agency requires that reserve funds for facility replacement be established and available.

Recommended

X 5,000

Total: 5,000**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund for emergency repairs to various sewer systems islandwide. Emergency repairs are exempt from PIM requirements. (ROH Section 4-8.1)

2003151 WASTEWATER PLANNING AND PROGRAMMING

Provision of funds for direct costs for the planning and programming of wastewater projects.

Provision of funds for long range planning, facility planning, and programming for wastewater projects.

Recommended

X 362

Total: 362**Conformity Comments**

MINOR PROJECT: This is a miscellaneous fund for the planning of various wastewater projects. It does not meet the PIM applicability criteria. (ROH Section 4-8.1)

2023055 WASTEWATER PLANNING FOR OAHU

Prepare a wastewater facilities improvement plan.

Long-range planning to include wastewater CIP functional planning and programming, planning for unsewered areas, and meeting water quality requirements.

Recommended

P 2,000

Total: 2,000**Conformity Comments**

EXEMPT PROJECT: This project provides planning funds for a wastewater facilities plan to address long-term wastewater management needs. Planning studies are exempt from the PIM. (ROH Section 4-8.1)

2007073 WASTEWATER PROGRAM MANAGEMENT

Plan, design and inspect program and manage implementation of wastewater projects.

Wastewater program management services for wastewater projects.

Recommended

P 5,000

D 1

I 1

Total: 5,002**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund for program management services for various wastewater projects. Program management services are not a type of project required to be shown on the PIM. (Section 4-8.1)

2018052 WASTEWATER PUMP STATIONS - ELECTRICAL AND SCADA IMPROVEMENTS

Plan, design, construct and inspect wastewater improvements.

This project includes Electrical and SCADA Improvements needed at existing City Wastewater Pump Stations (WWPS). The specific locations may be implemented in phases, prioritized based on the need. Improvements include electrical and control components, Supervisory Control and Data Acquisition (SCADA) systems and associated pump station controlling instrumentation, motor control centers (MCCs) and automatic transfer switches (ATSs). The specific improvements needed at each WWPS will be site specific.

Recommended		Conformity Comments
P	1	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to planning, design, construction and inspection of improvements to various electrical lines, electrical controls, and electronic data systems. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
D	1	
C	17,000	
I	3,000	
Total:	20,002	

2001062 WASTEWATER TREATMENT PLANT, PUMP STATION, AND FORCE MAIN PROJECTS

Acquire land, plan, design, construct and inspect wastewater treatment plant, pump station, force main and facilities improvements.

Project will provide a vehicle for constructing high priority projects required at treatment plants and pump stations, including the associated force main pipes, to make needed repairs, replacements, upgrades or improvements. Includes CIP improvements to ancillary, support facilities, such as parts or fuel/oil/chemical storage and operations buildings, underground utilities and site improvements at treatment plants, pump stations and other locations needed for the wastewater function. Includes facilities renovations and improvements at the Fasi Municipal Building, 14th floor, for project management and engineering support functions for this CIP program. Funding is for island wide improvements. Includes project no. KK-PS-03, A'ala WWPS Upgrade, per para. 18.g., of the 2010 Consent Decree, and in accordance with the Final Deferred Projects Report, May 2014.

Recommended		Conformity Comments
L	1	MINOR PROJECT: This is an islandwide miscellaneous fund for high-priority projects which make required repairs, replacements, or efficiency improvements at treatment plants, pump stations, and associated force mains. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
P	99	
D	1,000	
C	15,000	
I	500	
Total:	16,600	

2019051 WEST LOCH ESTATES WWPS UPGRADE

Plan and design wastewater pump station upgrade improvements.

The project will provide upgrades to the existing West Loch Estates Wastewater Pump Station, including structural, mechanical, civil and electrical improvements as determined in the planning phase. Project includes improvements in pumping capacity as needed to meet projected future flows for the planning period.

Recommended		Conformity Comments
P	100	MINOR PROJECT: This project is not considered major and does not need a PIM revision. It is limited to minor upgrades to the WWTP, including repairs, the replacement of equipment, and efficiency improvements. It does not meet the PIM applicability criteria. (ROH Sections 4-8.2 and 4-8.4)
D	200	
Total:	300	

05 HUMAN SERVICES**ND Human Services****DCS Community Services****2016001 AFFORDABLE HOUSING STRATEGIC DEVELOPMENT PROGRAM**

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.

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. Projects assisted by these funds could include, but not be limited to, public-private partnerships, acquisition of strategic land parcels to be preserved for low income affordable housing (or the low income portion of mixed-income, mixed-use projects), and principal investments to leverage other funds to enable financing of larger scale rental housing projects. All projects are subject to the fund restrictions under the Charter provision in effect at the time of encumbrance.

Recommended**Conformity Comments**

L	5
P	5
D	5
C	5
X	7,146.03
Total:	7,166.03

EXEMPT PROJECT: Program for developing affordable housing is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

1995207 EMERGENCY SOLUTIONS GRANTS (ESG) PROGRAM

Provide funds for administration and grants to nonprofit organizations serving the homeless.

Provide grants to qualified homeless service providers to renovate or rehabilitate existing shelters, or for the payment of eligible essential services or operating expenses for homeless persons and families.

Recommended**Conformity Comments**

X	653.47
Total:	653.47

EXEMPT PROJECT: This fund disburses grants to nonprofit agencies so that they can provide shelter or payment of services for the homeless. Housing and social services are exempt from needing a PIM revision. (ROH Section 4-8.3)

2007077 HOME INVESTMENT PARTNERSHIPS (HOME) PROGRAM

Provide funds for the administration of grants and/or loans to nonprofit organizations or City agencies developing affordable housing for lower income persons.

HOME Investment Partnerships (HOME), an entitlement program. Provide grant and/or loan funds to private nonprofit organizations to assist with expanding the supply of affordable housing.

Recommended**Conformity Comments**

X	1,206.44
Total:	1,206.44

EXEMPT PROJECT: This fund disburses grants to nonprofit agencies so that they can provide housing to lower-income persons. Housing is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

2000119 HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS (HOPWA) PROGRAM

Provide grant funds to private nonprofit organizations serving persons with HIV/AIDS.

Provide grant funds to private nonprofit organizations to house and support persons with HIV/AIDS and their families.

Recommended**Conformity Comments**

X	644.56
Total:	644.56

EXEMPT PROJECT: This fund disburses federal grants to nonprofit agencies so that they can provide housing and social services to persons with AIDS. Housing and social services are exempt from needing a PIM revision. (ROH Section 4-8.3)

06 CULTURE - RECREATION**PG Participant, Spectator And Other Recreation****DDC Design and Construction****2019084 COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM PARK IMPROVEMENTS**

Design and construct parks sustainable improvements which serve an area with 51% or more low and moderate income households.

Plan, design, construct and inspect improvements for parks that serve areas of 51% or more low and moderate income households. To meet U. S. Department of Housing and Urban Development (HUD) environmental review regulatory requirements, no Community Development Block Grant (CDBG) funds shall be encumbered for design or construction prior to the completion of an environmental review and documentation.

Recommended

D	5
C	4,931.16
Total:	4,936.16

Conformity Comments

MINOR PROJECT: This is a miscellaneous fund for minor unspecified improvements at various park sites in low income areas around the island. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2007054 DEPARTMENT OF PARKS AND RECREATION NPDES SMALL MS4 PERMIT PROGRAM

Design and construct NPDES improvements for parks.

Plan, design and construct improvements, which include vehicle and equipment wash racks, structural Best Management Practices (BMPs), various parks.

Recommended

D	100
C	1,000
Total:	1,100

Conformity Comments

MINOR PROJECT: This is an islandwide miscellaneous fund for National Pollution Discharge Elimination System improvements including related equipment at various parks. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2016101 HANAUMA BAY NATURE PRESERVE

Design and construct sustainable park upgrades such as sewer infrastructure improvements.

Plan, design, construct, inspect and provide related equipment for park improvements.

Recommended

D	5
C	65
Total:	70

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, construct, inspect park improvements and provide related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2013084 HOOMALUHIA BOTANICAL GARDEN

Design botanical garden improvements such as roadway and walking path improvements.

Inspecting approximately 2,600 lineal feet of sewer line at Ho'omaluhia Botanical Gardens by cleaning and CCTVing.

Recommended

D	350
Total:	350

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The project will design, construct and provide related equipment for park improvements that are not expected to permit significant new development or redevelopment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1998100 KAPIOLANI REGIONAL PARK, WAIKIKI

Design, construct and inspect shared use path improvements along Kalakaua Avenue.

Design and construct sustainable park improvements including refurbishing the lighting for the Mohandas Gandhi statue and the surrounding area.

Recommended

D	10
C	900
I	10
Total:	920

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 020) for the continuation of various master-planned improvements to Kapiolani Regional Park. The project conforms to this PIM designation.

1973116 KAPOLEI REGIONAL PARK

Plan and design sustainable and resilient park improvements.

Design, construct and inspect park improvements.

Recommended

P	50
D	350
Total:	400

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The project will design, construct and provide related equipment for park improvements that are not expected to permit significant new development or redevelopment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1998040 PATSY T. MINK CENTRAL OAHU REGIONAL PARK

Plan and design sustainable and resilient park improvements.

Plan, design, construct, inspect, and provide related equipment for sustainable park improvements such as comfort station near baseball fields, play apparatus and installation of additional walking, jogging and bike paths.

Recommended

P	50
D	850
Total:	900

Conformity Comments

CONFORMING PROJECT: The Central Oahu PIM shows a park modification symbol (PIM No. 8) for the continuation of various master-planned improvements to Patsy T. Mink Central Oahu Regional Park. The project conforms to this PIM designation.

2009041 PRESERVATION AND CONSERVATION LANDS

Provide funds for the purchase of or to otherwise acquire real estate or any interest therein for land conservation in the City.

To provide funds for the purchase of or to otherwise acquire real estate or any interest therein for land conservation in the City.

Recommended

L	1,000
X	16,894.94
Total:	17,894.94

Conformity Comments

EXEMPT PROJECT: Land acquisition funds for the purpose of preserving open space or protecting scenic viewplanes generally do not require a revision to the public infrastructure map. (ROH Section 4-8.1) When a site for acquisition is identified and the scope of the project is developed, this determination may change.

2002072 RENOVATE RECREATIONAL FACILITIES

Design, construct and inspect sustainable park improvements.

Plan, design, construct and provide construction inspection and related equipment for improvements at existing recreational facilities, to include play apparatus and lighting system for playcourts, playfields, parking lots, walkways, energy conservation, reconstruction of park wastewater systems, NPDES improvements, and mitigative park improvements.

Recommended

D	2,290
C	15,027.2
I	210
Total:	17,527.2

Conformity Comments

MINOR PROJECT: This is an islandwide miscellaneous fund to renovate various park recreational facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2016090 SANDY BEACH PARK (WAWAMALU)

Plan and design a sustainable and resilient replacement waterline.

Plan and design of a sustainable and resilient waterline connection replacement waterline.

Recommended

P	150
D	10
Total:	160

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design and construct comfort station improvements at Sandy Beach Park. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1998117 WAIKIKI WAR MEMORIAL COMPLEX/WAIKIKI BEACH

Design sustainable facility improvements.

Plan, design and construct mitigation measures.

Recommended

D	500
Total:	500

Conformity Comments

DESIGN FUNDS ONLY: This project involves design funds to study various alternative ways to rehabilitate or partially redevelop the Waikiki War planning and design stage. In the future, prior to the appropriation of construction funds, a PIM symbol may be required for this project, since its impacts on surrounding lands and waters may be significant. (ROH Section (4-8.1)

1998031 WAIPIO PENINSULA RECREATION COMPLEX, WAIPIO PENINSULA

Design sustainable reservoir pump system improvements.

Plan, design, construct, inspect and provide related equipment for park improvements

Recommended

D	100
Total:	100

Conformity Comments

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, construct, inspect park improvements and provide related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

RA Special Recreation Facilities**DDC Design and Construction****2014076 BLAISDELL CENTER REDEVELOPMENT**

Design, construct and inspect sustainable and resilient facility improvements.

Redevelop the Blaisdell Center, design, construct and inspection phased improvements, Phase 1 - Concert Hall, and Phase 2 - Blaisdell Arena.

Recommended

D	10
C	6,580
I	10
Total:	6,600

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center (PUC) PIM shows a Government Building/Modification (GB/M) symbol (PIM 016) that covers ongoing improvements to the Neil Blaisdell Center. The project conforms to this PIM designation.

1999012 ENTERPRISE FACILITIES IMPROVEMENTS

Design, construct and inspect sustainable and resilient improvements to facilities such as the Waikiki Shell and Blaisdell Center.

Provision of funds for improvements (inclusive of energy conservation and NPDES improvements) for the Department of Enterprise Services facilities, such as, the Blaisdell Center and Waikiki Shell.

Recommended

D	25
C	425
I	10
Total:	460

Conformity Comments

MINOR PROJECT: This is a miscellaneous fund for minor unspecified improvements at various DES facilities such as the Neal Blaisdell Center and Waikiki Shell. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2001053 GOLF COURSE IMPROVEMENTS

Design, construct and inspect sustainable and resilient golf facilities improvements.

Plan, design, construct and provide construction inspection for improvements (inclusive of energy conservation improvements) to municipal golf facilities such as the Ala Wai, Pali, Ted Makalena, West Loch, Ewa Villages and Kahuku Golf Courses.

Recommended

D	5
C	2,290
I	15
Total:	2,310

Conformity Comments

MINOR PROJECT: This is a miscellaneous fund for minor improvements at various municipal golf courses islandwide. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2017078 HONOLULU ZOO - HAWAII ISLAND EXHIBIT

Construct and inspect sustainable and resilient Hawaii Island Exhibit Phase I - Wetland Marsh Habitat and Aviary.

Plan, design, construct and inspect the new Hawaii Island Exhibit creating a waterfall which flows into three themed phases of the exhibit. Phase I - Wetland Marsh Habitat and Aviary; Phase II - Mountain Rainforest; and Phase III - Open Plains area and Nene goose exhibit.

Recommended

C	500
I	150
Total:	650

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The project conforms to this PIM designation.

2001097 HONOLULU ZOO IMPROVEMENTS

Design, construct and inspect sustainable and resilient zoo improvements.

Design and construct improvements (inclusive of energy conservation and ADA improvements) the Honolulu Zoo.

Recommended

D	145
C	645
I	10
Total:	800

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The project conforms to this PIM designation.

2015084 HONOLULU ZOO WATER SYSTEM UPGRADE

Design, construct and inspect sustainable and resilient water infrastructure improvements.

Plan, design, construct, inspect and provide related equipment to upgrade the Honolulu Zoo water system.

Recommended

D	50
C	3,100
I	50
Total:	3,200

Conformity Comments

CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The project conforms to this PIM designation.

17 UTILITIES OR OTHER ENTERPRISES**WA Mass Transit****DTS Transportation Services****1978005 BUS AND HANDI-VAN ACQUISITION PROGRAM**

Purchase buses and handi-vans.

Provide buses and handi-vans.

Recommended

E 58,738

Total: 58,738**Conformity Comments**

EXEMPT PROJECT: The purchase of buses and handi-vans is exempt from needing a PIM revision. (ROH Section 4-8.1)

2001116 BUS STOP ADA ACCESS AND SITE IMPROVEMENTS

Design and construct for bus stop improvements at various locations.

This is a continuation of projects to modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).

Recommended

D 365

C 1,040

Total: 1,405**Conformity Comments**

EXEMPT PROJECT: Bus stop ADA access improvements at various locations are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3)