

FY 2021 BUDGET

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Department of Transportation Services



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DEPT. COM. 206

BUDGET

1

FY21 Budget at a Glance

Rail service is budgeted to begin in December 2020.

- Includes funding to pay the contractor who will be operating the rail system.
- Includes amounts to pay for staffing for the Department of Transportation Services (DTS) who will be overseeing the rail operations.
- Includes utility costs, security services, fare box collection and parking controls.
- Includes additional bus service to ensure that passengers can get to and from the rail stations.

FY21 Enhancing Bus and Handi-Van Services

The FY21 **operating budget** includes \$299.6 million for bus and Handi-Van services which is an increase of \$17.4 million. The proposed budget includes:

- \$3.1 million for bus service enhancements to integrate bus and rail transit services and improve routes and schedules.
- \$1.1 million for additional Handi-Van service hours to address the growing demand for paratransit services.

The **capital budget** includes:

- \$30.8 million for the acquisition of buses and Handi-Van vehicles; Approximately \$14.2 million of this will be paid for with federal grant funds.
- \$31.4 million for land acquisition at the Middle Street Intermodal Transit Center.

FY21 Integration Bus, Rail and TOD

Integration of Honolulu's bus service and other modes of transportation with the rail system is essential to allow passengers to efficiently get to and from rail stations. Also important to the success of rail are well planned and executed transit oriented development (TOD) projects. The FY21 **operating budget** includes:

- \$71.3 million for rail operations:
 - ✓ \$2.9 million for bus service enhancements to provide a unified transportation system.
 - ✓ DFM has \$1.0 million, COR has \$2.0 million and \$1.0 million is in the energy provisional.

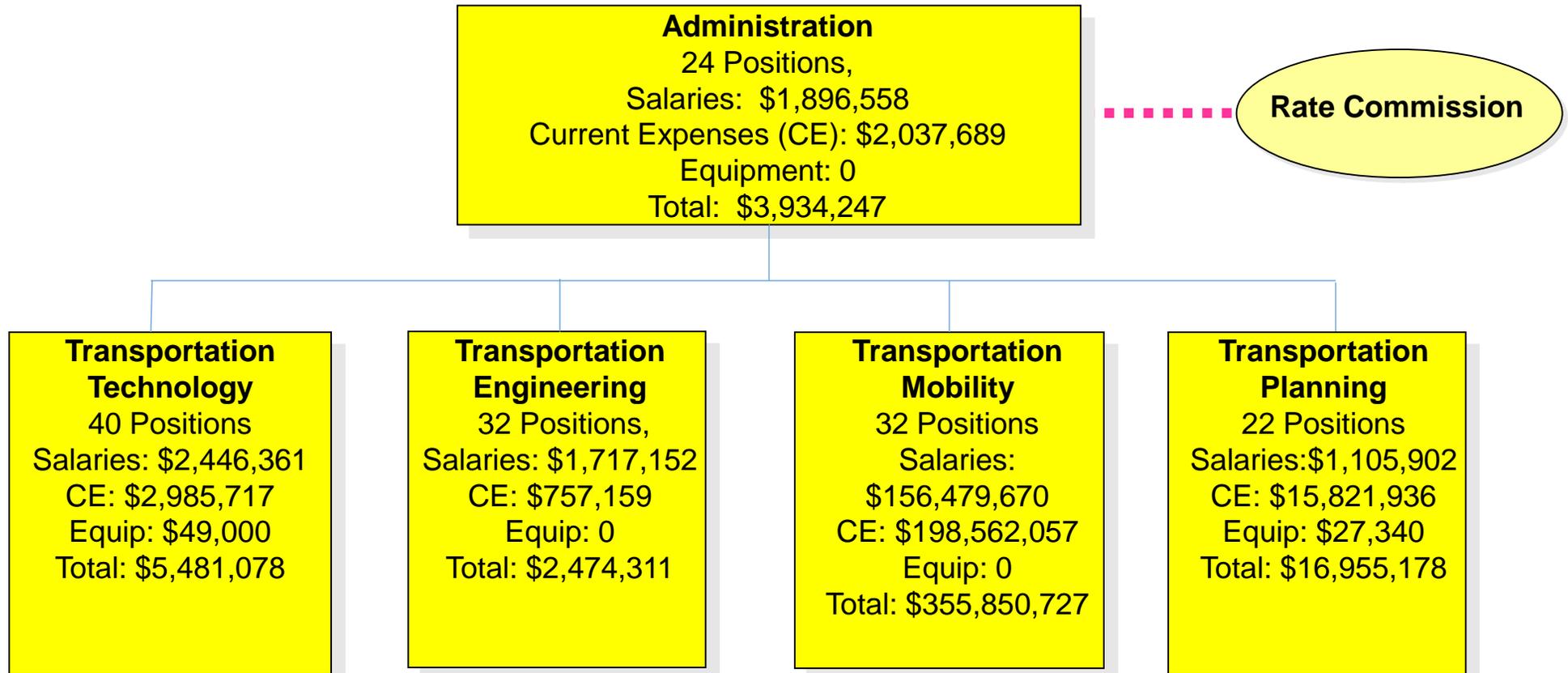
The **CIP budget** includes:

- \$5 million for the development of the Ala Moana Transit Plaza, to be planned as an iconic multi-modal facility at Ala Moana Center.
- \$35.7 million for Intermodal connectivity improvements of which \$22 million is budgeted with competitive federal funds.

FY21 Compared to FY20 Operating

	FY 2020 Appropriation	FY 2021 Proposed	\$ Change	% Change
Combined DTS, OTS and Rail	313,618,511	384,695,541	71,077,030	22.7%
DTS	21,140,387	17,758,390	(3,381,997)	-16.0%
OTS (TheBus & TheHandi-Van)	282,197,963	299,643,064	17,445,101	6.2%
Rail	10,280,161	67,294,087	57,013,926	554.6%

FY21 DTS Funding by Division



DTS Budget Issues Current Expenses

Amount	Agency	Description
\$600,000 Transp. Fund	Admin.	Rent for rail staffing. Existing 21,000 square feet of office space in the Fasi Municipal Building on the second and third floors house approximately 100 existing staff and is inadequate to house new staffing related to rail. Estimating 17,500 total space with at least 12,000 square feet of useable space is what is needed to house 40-50 new staff, interns, and contractors. Calculation is based on Hawaii Commercial Real Estate Market Reports in 2019 of \$2.87 a square foot. $\$50,000 \times 12 \text{ months} = \$600,000$.
\$509,600 Transp. Fund	Admin.	\$500,000 for 20 five-minute “How To” videos at \$25,000 each to educate the public how to take advantage of all the benefits the rail system has to offer including those that may be disable. \$9,600 for 12 months at \$800 for rail ads in newspaper/online.

DTS Budget Issue Current Expenses

Amount	Agency	Description
\$425,700 Transp. Fund	Transp. Planning	\$425,700 for fare validation equipment.
\$11,765,631 Transp. Fund	Transp. Planning	<p>\$6,205,631 Consultant services contract to provided embedded staff to support the rail activation, operation, and maintenance of Honolulu's integrated and comprehensive public transportation system including the rail line being constructed by the Honolulu Authority for Rapid Transportation (HART). These services include preliminary activities related to the initiation activation of the Operations and Maintenance (O&M) implementation phase of the Honolulu High-Capacity Transit Corridor Project (the Project) transfer of all rail assets to the City per Charter Amendment 4. Transportation Planning Division (TPD) tasks include Project Management, Controls, Interface, Capacity Building, and Quality Management; FTA and HDOT Processes and Requirements; Programmatic Planning Support; Design-Build Operate-Maintain Contract Compliance; and Financial Plan Support. The Consultant will communicate and coordinate these services with the City and County of Honolulu (the CITY), DTS and other CITY departments to ensure consistency with the CITY's processes and procedures, to facilitate timely and informed decisions related to delivery of the Project's passenger revenue service, and to assist the CITY in meeting Federal Transit Administration (FTA) and other third-party processes and requirements.</p> <p>\$2,860,000 Consultant services contract to provided embedded staff to support the rail activation, operation, and maintenance of Honolulu's integrated and comprehensive public transportation system including the rail line being constructed by the Honolulu Authority for Rapid Transportation (HART). Rail Operations tasks include Safety, Security, Risk, Commissioning, Utility, ROW and 3rd party coordination.</p> <p>\$2,700,000 - HOLO O&M Service</p>

DTS Budget Issues Current Expenses

Amount	Agency	Description
\$2,578,000 Transp. Fund	Transp. Planning	<p>\$1,600,000 for electronic fare collection system operational fees related to Rail O&M</p> <p>\$405,000 for Shared mobility operations, including bike share, scooters, etc.</p> <p>\$573,000 to install access control devices at rail station parking facilities</p>
\$466,500 Transp. Fund	Transp. Mobility	<p>\$450,000 for wayfinding and directional signage in neighborhoods surrounding rail stations; includes design, fabrication, and installation of new signs</p> <p>\$16,500 for detailed maps needed for routes affected by rail construction, service changes, and signs in foreign languages; also includes money for bus-rail integration maps, notices, brochures, and carsonite sign holders</p>
\$1,224,979 Transp. Fund	Transp. Mobility	<p>OTS: \$950,345 for Security contracts for Kalihi Administration & Maintenance Facility, Middle Street Intermodal Center & Pearl City Maintenance Facility.</p> <p>TMD: \$274,634 for Security contracts for major transit stops including Mililani, Wahiawa, and Waipahu Transit Centers. Hourly rate will increase from \$16.40 per hour to an estimated \$22.04 per hour</p>

DTS Budget Issues Current Expenses

Amount	Agency	Description
<p>\$43,096,035 Transp. Fund</p>	<p>Transp. Mobility</p>	<p>\$40,527,060 for Rail Operations and Maintenance includes: for Rail O&M Core Systems Contractor operating cost; for P3 Developer operating cost that includes various tasks not covered under Core Systems contract, such as landscaping, level 2 security, guideway maintenance, etc.; for hiring specialized guideway and elevated facility inspection services to ensure safety and integrity of rail-related structures; and to construct temporary overflow gravel parking;</p> <p>\$2,568,975 for OTS includes: \$2,423,975 for the Human Services Transportation Coordination Program.: The Agency Provided Trips program enables Five local social service agencies to transport their clients who would otherwise use TheHandi-Van. This provides additional trip capacity and helps ensure the City's compliance with the Americans with Disabilities Act (ADA). By providing these trips through the Agency Provided Trips program instead of TheHandi-Van, the City will save approximately \$4,549,150, based on the significantly lower cost per trip (\$39.69 for TheHandi-Van in FY 2019 versus \$13.10 per trip through this program);</p> <p>\$145,000 for other services not classified such as AC pavement slurry seal and striping; for emergency replacement of bus shelters damaged by vehicle collisions; for Translation for Vital Documents, notices and signs; for Quality Assurance Program; and for bus-rail integration and complete streets projects.</p>

DTS Budget Issues Current Expenses

Amount	Agency	Description
<p>\$6,243,296 Transp. Fund</p>	<p>Transp. Mobility</p>	<p>OTS: \$1,625,624 for electricity at Kalihi Administration & Maintenance Facility, Middle Street Intermodal Center & Pearl City Maintenance Facility.</p> <p>TMD: \$53,791 for electricity at Alapai Transit Center, Waianae Transit Center, Waipahu Transit Center, Wahiawa Transit Center, Mililani Transit Center, Hawaii Kai Park & Ride, Kunia Park & Ride, Mililani Park & Ride.</p> <p>\$4,563,881 for Rail O&M include power for traction (vehicles), stations, and other facilities; Used HECO Schedule DS for MSF, Schedule P for mainline Traction Power Substation and rail stations.</p>
<p>\$2,894,662 Transp. Fund</p>	<p>Transp. Mobility</p>	<p>For rail station access bus service from Pearlridge and Aloha Stadium to downtown Honolulu and Ala Moana.</p>

General/Highway/Subsidized Funded Vacancies (Budgeted in Provisional for Vacant Positions)

	Positions
Vacant Positions as of 2/1/2020*	44
Disposition of funded vacancies:	
To be filled before July 1, 2020	44
To be filled in FY 2021**	0
No. of vacant positions that may be abolished	0
* Reflects the deletion of Four (4) deactivated positions	
**Funding in the Provision for Vacant Positions account has been reduced	

FY21 DTS Budget Issue Positions

Budget Issue(s) - Permanent, Temporary and Contract (P/T/C) Positions Proposed for Fiscal Year 2021

DEPARTMENT OF TRANSPORTATION SERVICES

Administration

Class Description	Grade	P/T/C	FTE	Salary Cost	Months	Fund	Purpose
Sr Clerk Typist	SR10	P	1.00	32,664	12	120	Support the Complete Streets Office
Management Analyst VI Planner VI	SR26	P	2.00	134,400	12	180	Support Rail Operations (Sr. Contract & Compliance Manager and Business Analyst)
Planner VI	SR26	P	2.00	134,400	12	180	Support Rail Operations (Customer Experience Officer and Manager Emergency & Security Systems)
Planner VII	SR28	P	1.00	75,588	12	180	Support Rail Operations (Customer Experience Manager)
Planner VI	SR26	C	1.00	67,200	12	180	Support Rail Operations
Civil Engineer VI	SR28	C	1.00	75,588	12	180	Support Rail Operations

Transportation Planning

Class Description	Grade	P/T/C	FTE	Salary Cost	Months	Fund	Purpose
Planner V	SR24	P	1.00	62,136	12	120	Support parking revenue (Parking Program Manager)
Planner VI	SR26	P	1.00	67,200	12	180	Support Rail Operations (Service Planner)
Planner VII	SR28	P	1.00	75,588	12	180	Support Rail Operations (Senior Operations Analyst)

Transportation Technology

Class Description	Grade	P/T/C	FTE	Salary Cost	Months	Fund	Purpose
Traf Engineer III	SR28	P	1.00	75,588	12	120	Support Revenue (Commercial Operator Permit Manager)

Transportation Mobility

Class Description	Grade	P/T/C	FTE	Salary Cost	Months	Fund	Purpose
Management Analyst VI	SR26	P	1.00	67,200	12	180	Support Rail Operations (Business Analyst)
Planner VI	SR26	P	1.00	67,200	12	180	Support Rail Operations (Inventory Control Analyst)
			14.00	934,752			

DTS Phased Staffing Plan

 DTS PHASED STAFFING PLAN 														
Rail Project Milestones	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Status	
Administrative Services Office				Sr. Contract & Compliance Manager	Manager Revenue Systems	Business Analyst							0 of 3 Hired	
Safety & Security Office				Chief Safety & Security Officer	Manager Safety Systems	Manager Emergency & Security Systems							1 of 3 Hired	
Customer Experience Office					Customer Experience Manager	Customer Experience Officer							0 of 2 Hired	
Transportation Performance & Development Division				Assistant Chief Planner	Senior Operations Analyst	Service Planner							1 of 3 Hired	
Transportation Mobility Division				Senior Operations & Maintenance Manager	Traction Power Compliance Officer	Systems Engineer	Communications Systems Manager	Rolling Stock Compliance Officer	Facilities Compliance Officer	Operations Compliance Officer	Track Compliance Officer	Business Analyst	Inventory Control Analyst	0 of 10 Hired
Transportation Engineering Division												Parking Systems & Devices	1 of 2 Hired	
Transportation Technology Division									Assistant Chief Electrical & Maintenance Services				0 of 1 Hired	
Transportation Services Other				Director of Rapid Transit	Informational Specialist II	Secretary IV							3 of 3 Hired	

- = DHR Classified
- = Recruitment Initiated
- = Employment Offer Accepted

Staffing Progress Phase 1 22%

TheBus/TheHandi-Van Revenues FY20/FY21

SOURCE	FY 2020 Estimated	FY 2021 Estimate	\$ Change
TheBus Fares	\$51,400,000	\$51,400,000	\$0
TheHandi-Van Fares	\$1,800,000	\$1,800,000	\$0
Total	\$53,200,000	\$53,200,000	\$0

Farebox Recovery Ratio



FY 2019 Actual:	26.12%
FY 2020 Estimated:	24.04%
FY 2021 Projected:	22.63%

FY 2021 Proposed CIP Projects

	Project Title	Bill 21 Page	Phase	Total Amount	Description	Council District
1	ALA MOANA TRANSIT PLAZA - TRANSIT ORIENTED DEVELOPMENT	2	L,R	\$ 5,000,000	Acquire land and provide relocation assistance for the development of a sustainable intermodal transit center.	5
2	ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE	2	P,D,C,I,E	\$ 11,176,000	Plan, design, construct, inspect, and provide related equipment for sustainable infrastructure of City facilities to support electric charging stations.	99
3	KALIHI-PALAMA BUS FACILITY	3	D,C,I	\$ 1,000,000	Design, construct, and inspect facility improvements.	7
4	MUNICIPAL PARKING FACILITIES IMPROVEMENT	3	D,C,I	\$ 450,000	Design, construct, and inspect sustainable municipal parking facilities improvements such as the Marin Tower parking lot.	99
5	COMPUTERIZED TRAFFIC CONTROL SYSTEM	7	D,C,I,E	\$ 4,000,000	Design, construct, inspect, and provide related equipment for the Intelligent Transportation Systems (ITS) program.	99
6	OAHU TRAFFIC SIGNAL CONTROLLER MODERNIZATION PHASE 1	7	D,C,I	\$ 8,550,000	Design, construct, and inspect improvements to upgrade traffic controllers.	99
7	TRAFFIC IMPROVEMENTS AT VARIOUS LOCATIONS	7	L,P,D,C,I	\$ 8,520,000	Acquire land, plan, design, construct, and inspect traffic improvements at various locations.	99
8	TRAFFIC SIGNALS AT VARIOUS LOCATIONS	7	D,C,I,E	\$4,700,000	Design, construct, inspect and provide related equipment for traffic signals improvements.	99
9	BIKEWAY IMPROVEMENTS	11	P,D,C,I	\$ 1,750,000	Plan, design, construct, and inspect bikeway improvements.	99
10	INTERMODAL CONNECTIVITY IMPROVEMENTS	12	L,P,D,C,I	\$ 35,700,000	Acquire land, plan, design, construct, and inspect intermodal connectivity and complete street connections such as Kekaulike Street Improvements, and local matching funds for USDOT Build 2020 local match for the Waipahu Transit Center Station Makai Entrance; Pearl Highlands Station Access Improvements; and construction management of the USDOT assisted construction.	99

P = Plan

D = Design

C = Construction

I = Inspection

E = Equipment

L = Land

X = Other

FY 2021 Proposed CIP Projects

	Project Title	Bill 21 Page	Phase	Total Amount	Description	Council District
11	ALA WAI BRIDGE	12	D,C	\$ 1,730,000	Design and construct a pedestrian and bicycle bridge over the Ala Wai Canal.	5
12	ALAPAI TRANSPORTATION MANAGEMENT CENTER	30	D,I	\$ 789,000	Provision of funds for design and inspection for contract closeout.	6
13	BUS AND HANDI-VAN ACQUISITION PROGRAM	30	E	\$ 30,800,000	Purchase buses.	99
14	BUS STOP ADA ACCESS AND SITE IMPROVEMENTS	30	P,D,C,I,E	\$ 250,000	Plan, design, construct, inspect, and provide related equipment for bus stop improvements at various locations.	99
15	MIDDLE STREET INTERMODAL TRANSIT CENTER	30	L	\$ 31,436,000	Acquire land for the bus and other transit operations.	7
16	TRANSIT GUIDEWAY FIBER OPTIC BACKBONE	30	D,C,I,E	\$ 4,750,000	Design, construct, inspect, and provide related equipment to install City fiber optic cable for security, communications, telephone, and system monitoring to the City's network.	99
17	TRANSIT SAFETY AND SECURITY PROJECTS	30	P,D,C,E	\$ 370,000	Plan, design, construct, and install equipment for transit safety and security improvements at various locations.	99
CIP FY2021 TOTAL				\$150,971,000		

P = Plan

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C = Construction

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E = Equipment

L = Land

X = Other

DTS FY 2021 CIP Budget

GENERAL GOVERNMENT – PROCUREMENT OF MAJOR EQUIPMENT (1998602)

Equipment Item	Activity	Est. Life	Unit(s)	Unit Cost	Total Cost	Fund
36 Foot Boom Truck	Transportation Technology	12 years	2	\$178,000	\$356,000	HI
Pickup ext. cab, lift gate, tow hitch, strobe lights, and service body	Transportation Technology	12 years	2	\$67,000	\$134,000	HI

Public safety related, used to repair and maintain traffic signals and cameras.

