

TRANSPORTATION IMPROVEMENT PROGRAM

FEDERAL FISCAL YEARS 2022 – 2025

Revision 11
Amendments

December 2022



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ABBREVIATIONS

Acronyms

ADA	Americans with Disabilities Act
CAC	Citizen Advisory Committee
CFR	Code of Federal Regulations
CMP	Congestion Management Process
DDC	City and County of Honolulu Department of Design and Construction
DTS	City and County of Honolulu Department of Transportation Services
EJ	Environmental Justice
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FFY	Federal Fiscal Year (October 1- September 30)
HART	Honolulu Authority for Rapid Transportation
HDOT	Hawaii Department of Transportation
HSIP	Highway Safety Improvement Program
IGR	Intergovernmental Review
OahuMPO	Oahu Metropolitan Planning Organization
OCCSR	City and County of Honolulu Office of Climate Change, Sustainability and Resiliency
ORTP	Oahu Regional Transportation Plan
STIP	Statewide Transportation Improvement Program
TAC	Technical Advisory Committee
TAM	Transit Asset Management
TIP	Transportation Improvement Program
T6	Title VI of the Civil Rights Act of 1964
U.S.C.	United States Code

Funding Categories

Federal Highway Administration (FHWA)

Bridge OS	Bridge Off-System
Earmark	Earmark
FHWA Grant	FHWA Competitive Grants
FLAP	Federal Lands Highway Discretionary
HIP-BFP	Highway Infrastructure Program - Bridge Formula Program
HIP-CPF/CDS	Highway Infrastructure Program - Community Project Funding / Congressionally Directed Spending
HSIP	Highway Safety Improvement Program
NHPP	National Highway Performance Program
RHCP	Railway Highway Crossing Program
STBG	Surface Transportation Block Grant Program
STP Enhance	Surface Transportation Program Enhancement
TA	Transportation Alternatives Set-Aside

Federal Transit Administration (FTA)

§5307/5340	Urbanized Area Formula Grants / Growing States/High Density States Program
§5309	Capital Investment Grants
§5310	Enhanced Mobility of Seniors & Individuals with Disabilities
§5329	State Safety Oversight Program
§5337	State of Good Repair Program
§5339	Bus and Bus Facilities Program
FTA Grant	FTA Competitive Grants

Local

Local Local Funds

Project Phases (In Chronological Order)

H RTP	Honolulu Rail Transit Project
PLN	Planning
PE1	Preliminary Engineering – Part 1: Environmental Clearances and Design Work
PE2	Preliminary Engineering – Part 2: Final Design
DES	Design
PREROW	Preliminary Right-of-Way Activities
ROW	Right-of-Way Acquisition
PE2/CON	Final Design-Build
DES/CON	Design-Build
ADVCON	Advance Construction
CON	Construction
EQP	Equipment acquisition
REL	Relocation expenses
OPR	Operation expenses
INSP	Inspection

INTRODUCTION

The Oahu Metropolitan Planning Organization (OahuMPO) is the metropolitan planning organization for the island of Oahu. The OahuMPO is designated by the governor of the state to plan for, coordinate, and program the many transportation investments in the region. The Transportation Improvement Program (TIP) is a short-term program which lists all surface transportation projects on the island of Oahu that are eligible for Federal funding or that are regionally significant. The TIP covers a period of four years and contains two additional years for illustrative purposes. The TIP is updated every three years and revised at least twice a year.

The Hawaii Department of Transportation (HDOT), the City and County of Honolulu Department of Transportation Services (DTS), and the Honolulu Authority for Rapid Transportation (HART), all include projects within the TIP. The TIP identifies the highway, public transit, arterial and local street, pedestrian, and alternative transportation projects that will receive Federal transportation funds in the programmed Federal Fiscal Years (FFYs). All projects that involve Federal funds or are regionally significant must be reviewed and approved by the Oahu Metropolitan Planning Organization Policy Board.

Requirements:

- The TIP is required to be financially constrained by year, meaning that all projects can be implemented using committed, available, or reasonably available resources.
- The TIP must include a financial plan that demonstrates which projects can be implemented using current revenue sources and which projects are to be implemented using proposed revenue sources.
- All projects must be consistent with the Oahu Regional Transportation Plan (ORTP).
- All projects must be 'ready-to-go' in the year that they are programmed to be funded.
- All projects must have the matching local funds in place.
- All projects must meet at least one of the Federal planning factors.

REVISION PROCESS

The TIP is frequently revised to reflect changes in project delivery schedules, changes in cost estimates and/or in scope, and changes in management systems and administrative priorities. A revision refers to a change to the TIP that occurs between the triennial updates. A minor revision is an “administrative modification,” while a major revision is an “amendment.”

Pre-Approved Administrative Modifications:

Pre-approved administrative modifications are minor revisions that are considered pre-approved and can be immediately processed without prior review by the OahuMPO Committees and Policy Board. No solicitation of public comment or re-demonstration of financial constraint is required (23 CFR 450.104). However, it is assumed that financial constraint shall be re-established through the next TIP amendment process and the following must be true:

- The administrative modifications must not affect the financial constraint of the TIP.
- The administrative modifications must not result in the addition of another project (excluding the addition of projects in grouped listings or programs) and the funding amounts must stay within the guidelines defined in the TIP Policies and Procedures.
- The administrative modifications must not result in the deletion of project, including the deferral of a project to a year that is outside of the first four years of the TIP.
- The implementing agency for the project must concur with the actions.

Expedited Administrative Modifications:

Requests for expedited approval of administrative modifications are submitted directly to the Policy Board without prior review by the TAC or solicitation of public comment.

Amendments:

TIP amendments are submitted to the TAC, the Policy Board, and the Governor’s designee for action. Financial constraint is re-demonstrated and consistent with 23 CFR 450.220, the technical analyses are re-run, including the T6/EJ analysis, and the

performance measure and Congestion Management Process (CMP) impacts are reassessed. Public comments are also solicited based on the procedures outlined in the OahuMPO Public Participation Plan, and the public comment period begins once the Amendment is posted on the OahuMPO website. Comments and the responses must be documented within the TIP Amendment document.

The TIP may be revised at any time if time permits. There are two planned revision cycles in each federal fiscal year as described in the table below.

Description	First Revision (Fall/Winter)	Second Revision (Spring/Summer)
Early coordination: Send DTS and HART official email that TIP revision requests are due in 3 months	August	January
HDOT schedules Over-the-Shoulder-Reviews (OSRs) with HDOT, DTS, HART	October-November	March-April
TIP revision requests due to OahuMPO	November	April
OahuMPO develops and finalizes draft TIP revision	December	April-May
HDOT, DTS, and HART review draft TIP revision	December	April-May
OahuMPO reruns analyses, and prepares a fiscally constrained draft revision document for distribution	December	May
Revisions posted to OahuMPO website and public and agency comment period begins	January	June
Public comments and shared with the Committees and Policy Board	January	June
TAC consideration	February	July
Policy Board Action	February-March	July
OahuMPO sends letter to Governor's designee for approval of the TIP Amendment	March	July-August
OahuMPO sends letter to HDOT requesting to incorporate TIP revision into the STIP	March	August
TIP/STIP Amendment jointly approved by FHWA and FTA	March	August
OahuMPO website updated with date of revision approval and final revision document	March	August
A full "As of revision #X" TIP document is created and uploaded to the OahuMPO website	March	August

REVISION HISTORY

The current FFY 2022-2025 TIP was endorsed by the Policy Board in July 2021 and has been revised 9 times through December 2022. A summary is provided in the table below.

Revision #	Revision Type	Date	# Of Projects Modified	# Of Projects Removed	# Of Projects Added	Total # Of Projects Revised
1	Pre-Approved Administrative Modification	January 2022	37	0	0	37
2	Expedited Administrative Modification	February 2022	6	0	0	6
3	Amendment	February 2022	6	1	6	13
4	Pre-Approved Administrative Modification	May 2022	19	0	0	19
5	Expedited Administrative Modification	June 2022	1	0	0	1
6	Amendment	June 2022	3	1	4	8
7	Expedited Administrative Modification	July 2022	1	0	0	1
8	Pre-Approved Administrative Modification	September 2022	1	0	0	1
9	Pre-Approved Administrative Modification	December 2022	34	0	0	34
10	Expedited Administrative Modification	December 2022	2	0	0	2
Total			110	2	10	122

REVISIONS

The following tables list the revisions grouped by the type of federal funding (e.g., FHWA) and project sponsor (e.g., HDOT).

FHWA Funded Projects: Hawaii Department of Transportation

Project #	Project Name	Revision Details
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue, Phase 2	Request to extend \$7M in ADVCON conversions into 2025 and 2026 for financial constraint.
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue, Phase 2	Request to increase CON funds from \$6.12M to \$15M in 2023 due to cost escalation and inflation (C.8).
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue, Phase 2	Request to increase the estimated total project cost from \$12,500,000 to \$22,550,000.

FHWA Funded Projects: City & County of Honolulu

Project #	Project Name	Revision Details
OC26	Transportation Alternative Program (State)	Request to add the Rail Station Multimodal Access Improvements - Halawa Station and Waiawa Station using TAP-U funds that will be flexed to FTA §5307 (C.5).
OC26	Transportation Alternative Program (State)	Request to increase the estimated total project cost from \$1.892 million to \$19.416 million.
OC-22-60	Capital Infrastructure Program	Request to add the Capital Infrastructure Program to the FFYs 2022-2025 TIP at an estimated total project cost of \$156,250,000 using FHWA FLEX TO FTA §5307 funds (C.1).
OC-22-61	Honolulu Transportation Demand Management (TDM) Plan	Request to add the Honolulu TDM Plan to the FFYs 2022-2025 TIP at an estimated total project cost of \$5,000,000 using STP Flexible funds (C.1).
OC-22-62	Kakaako Special District Roadway Improvement	Request to add the Kakaako Special District Roadway Improvement project to the FFYs 2022-2025 TIP at an estimated total project cost of \$50,000,000 using STP Flexible funds (C.1).
OC-22-63	Safe Streets and Roads for All (SS4A)	Request to add the Safe Streets and Roads for All (SS4A) project to the FFYs 2022-2025 TIP at an estimated total project cost of \$101,000,000 using STP Flexible funds and a FHWA Competitive Grant (C.1).
OC-22-64	Oahu Electric Vehicle Chargers	Request to add the Oahu Electric Vehicle Chargers project to the FFYs 2022-2025 TIP at an estimated total project cost of \$2,450,000 using Congressionally Directed Spending funds (C.1).
OC-22-65	Bridge Program	Request to add the Bridge Program to the FFYs 2022-2025 TIP at an estimated total project cost of \$18,000,000 using Bridge Formula Program funds (C.1).

FTA Funded Projects: City & County of Honolulu

Project #	Project Name	Revision Details
OC13	Bus and Handi-Van Acquisition Program	FY2023 - Request to add a FY21 Bus & Bus Facilities Grant (\$4,711,900) using FTA §5339 funds (C.8).
OC13	Bus and Handi-Van Acquisition Program	FY2023 - Request to add FY22 Low-No funds (C.8).
OC13	Bus and Handi-Van Acquisition Program	FY2023 - Request to add Sen. Schatz Congressional Directed Spending (C.8).
OC13	Bus and Handi-Van Acquisition Program	FY2023 - Request to flex from FHWA (S31) to FTA carryover using FTA §5307/§5340 funds (C.8).
OC13	Bus and Handi-Van Acquisition Program	FY2023 - Request to reprogram \$21M from OC20 to OC13 in FFY 2023 due to ARP funds being applied to OC20 using FTA §5307/§5340 funds (C.8).
OC13	Bus and Handi-Van Acquisition Program	Request to increase the estimated total project cost from \$146,528,000 to \$224,862,000.
OC16	Honolulu Rail Transit Project	Request to add \$150 million in §5307 Flex Funds to FFYs 2023-2027 (C.8).
OC16	Honolulu Rail Transit Project	Request to change the project termini from Ala Moana Center to Civic Center (C.3).
OC16	Honolulu Rail Transit Project	Request to decrease New Starts funds in FFY 2023-2024 from \$2.325 billion to \$982 million and extend into FFY 2027 (C.8).
OC16	Honolulu Rail Transit Project	Request to decrease the estimated total project cost from \$11.359 billion to \$9.148 billion (C.8).
OC16	Honolulu Rail Transit Project	Request to defer \$250k in CON funds for the Chinatown Bike Facility from FFY 2023 to FFY 2024 (A.2).
OC16	Honolulu Rail Transit Project	Request to defer \$500k in CON funds for the Middle Loch Connector from FFY 2022 to FFY 2023 (A.2).
OC16	Honolulu Rail Transit Project	Request to defer \$500k in PE2/CON funds for the Secure Bicycle Storage from FFY 2023 to FFY 2024 (A.2).
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	Request to add FHWA Flex to FTA §5307 funds for CON in FFY 2023 (C.8).
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	Request to decrease local funds for CON (C.8).
OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	Request to add the Intermodal Connectivity - TA Set-Aside (State) Program to the FFYs 2022-2025 TIP at an estimated total project cost of \$43,250,000 using FHWA Flex to FTA §5307 funds.
OC-22-67	Intermodal Connectivity Improvements	Request to add Intermodal Connectivity Improvements to the FFYs 2022-2025 TIP at an estimated total project cost of \$132,000,000 using FHWA Flex to FTA §5307 funds from the Capital Infrastructure Program.

FTA Funded Projects: City & County of Honolulu

Project #	Project Name	Revision Details
OC-22-68	Electrification of Transportation Infrastructure	Request to add the Electrification of Transportation Infrastructure program to the FFYs 2022-2025 TIP at an estimated total project cost of \$86,000,000 using FHWA Flex to FTA §5307 funds from the Capital Infrastructure Program.
OC-22-69	Multimodal Transit Fare Collection System	Request to add the Multimodal Transit Fare Collection System project to the FFYs 2022-2025 TIP at an estimated project cost of \$8,275,000 using Congressional Directed Spending funds (C.1).

FINANCIAL PLAN

The TIP is required to be financially constrained by each program year and include sufficient financial information for demonstrating that projects can be implemented using committed, available, or reasonably available revenue sources, with reasonable assurance that the federally supported transportation system is being adequately operated and maintained (23 CFR 450.326).

The tables below show the revenue by funding source and expenditures by project phases for each program year for the projects listed in this revision.

Funding Category	Revenue: FFY 2022 (x1000)		
	Total	Federal	Local
§5307/§5340	\$14,320	\$11,455	\$2,865
§5309	\$70,000	\$70,000	\$0
§5310	\$418	\$334	\$84
§5337	\$1,850	\$1,480	\$370
§5339	\$3,848	\$3,078	\$770
FHWA Grant	\$0	\$0	\$0
FTA Grant	\$0	\$0	\$0
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$0	\$0	\$0
Local	\$0	\$0	\$0
NHPP	\$0	\$1,050	-\$1,050
STBG	\$0	\$0	\$0
TA	\$0	\$0	\$0
TOTAL	\$90,436	\$87,397	\$3,039

Project Phase	Expenditures: FFY 2022 (x1000)		
	Total	Federal	Local
H RTP	\$70,000	\$70,000	\$0
PE1	\$1,250	\$1,000	\$250
PE2	\$2,642	\$2,113	\$529
PE2/CON	\$0	\$0	\$0
ROW	\$0	\$0	\$0
ADVCON	\$0	\$1,050	-\$1,050
CON	\$0	\$0	\$0
EQP	\$16,495	\$13,195	\$3,300
OPR	\$0	\$0	\$0
INSP	\$49	\$39	\$10
TOTAL	\$90,436	\$87,397	\$3,039

Funding Category	Revenue: FFY 2023 (x1000)		
	Total	Federal	Local
§5307/§5340	\$156,290	\$116,461	\$39,829
§5309	\$165,000	\$125,000	\$40,000
§5310	\$426	\$341	\$85
§5337	\$1,886	\$1,509	\$377
§5339	\$9,815	\$7,852	\$1,963
FHWA Grant	\$15,925	\$12,740	\$3,185
FTA Grant	\$23,694	\$20,000	\$3,694
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$14,387	\$14,337	\$50
Local	\$1,200	\$0	\$1,200
NHPP	\$15,000	\$1,000	\$14,000
STBG	\$81,985	\$65,588	\$16,397
TA	\$7,250	\$5,800	\$1,450
TOTAL	\$492,858	\$370,628	\$122,230

Project Phase	Expenditures: FFY 2023 (x1000)		
	Total	Federal	Local
H RTP	\$231,000	\$180,000	\$51,000
PE1	\$9,113	\$6,256	\$2,857
PE2	\$5,409	\$3,309	\$2,100
PE2/CON	\$0	\$0	\$0
ROW	\$0	\$0	\$0
ADVCON	\$0	\$0	\$0
CON	\$122,763	\$78,680	\$44,083
EQP	\$122,099	\$100,724	\$21,375
OPR	\$0	\$0	\$0
INSP	\$2,474	\$1,659	\$815
TOTAL	\$492,858	\$370,628	\$122,230

Funding Category	Revenue: FFY 2024 (x1000)		
	Total	Federal	Local
\$5307/\$5340	\$78,524	\$58,739	\$19,785
\$5309	\$330,000	\$250,000	\$80,000
\$5310	\$435	\$348	\$87
\$5337	\$1,924	\$1,539	\$385
\$5339	\$4,004	\$3,203	\$801
FHWA Grant	\$2,500	\$2,000	\$500
FTA Grant	\$0	\$0	\$0
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$4,988	\$4,818	\$170
Local	\$18,200	\$0	\$18,200
NHPP	\$0	\$4,000	-\$4,000
STBG	\$43,500	\$34,800	\$8,700
TA	\$209	\$167	\$42
TOTAL	\$484,284	\$359,614	\$124,670

Project Phase	Expenditures: FFY 2024 (x1000)		
	Total	Federal	Local
H RTP	\$360,000	\$275,000	\$85,000
PE1	\$16,100	\$12,400	\$3,700
PE2	\$3,425	\$1,700	\$1,725
PE2/CON	\$250	\$200	\$50
ROW	\$0	\$0	\$0
ADVCON	\$0	\$4,000	-\$4,000
CON	\$77,944	\$47,657	\$30,287
EQP	\$18,413	\$14,730	\$3,683
OPR	\$1,000	\$800	\$200
INSP	\$7,152	\$3,127	\$4,025
TOTAL	\$484,284	\$359,614	\$124,670

Funding Category	Revenue: FFY 2025 (x1000)		
	Total	Federal	Local
§5307/§5340	\$54,288	\$35,310	\$18,978
§5309	\$165,000	\$125,000	\$40,000
§5310	\$444	\$355	\$89
§5337	\$1,963	\$1,570	\$393
§5339	\$4,084	\$3,267	\$817
FHWA Grant	\$0	\$0	\$0
FTA Grant	\$0	\$0	\$0
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$1,350	\$1,080	\$270
Local	\$800	\$0	\$800
NHPP	\$0	\$4,000	-\$4,000
STBG	\$39,500	\$31,600	\$7,900
TA	\$1,683	\$1,346	\$337
TOTAL	\$269,112	\$203,528	\$65,584

Project Phase	Expenditures: FFY 2025 (x1000)		
	Total	Federal	Local
H RTP	\$195,000	\$150,000	\$45,000
PE1	\$1,050	\$400	\$650
PE2	\$2,550	\$400	\$2,150
PE2/CON	\$0	\$0	\$0
ROW	\$10,000	\$8,000	\$2,000
ADVCON	\$0	\$4,000	-\$4,000
CON	\$38,425	\$23,620	\$14,805
EQP	\$19,330	\$15,463	\$3,867
OPR	\$1,000	\$800	\$200
INSP	\$1,757	\$845	\$912
TOTAL	\$269,112	\$203,528	\$65,584

Funding Category	Revenue: FFY 2026 (x1000)		
	Total	Federal	Local
§5307/§5340	\$39,582	\$26,865	\$12,717
§5309	\$165,000	\$125,000	\$40,000
§5310	\$1,354	\$1,083	\$271
§5337	\$5,438	\$4,350	\$1,088
§5339	\$481	\$385	\$96
FHWA Grant	\$0	\$0	\$0
FTA Grant	\$0	\$0	\$0
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$0	\$0	\$0
Local	\$0	\$0	\$0
NHPP	\$0	\$3,000	-\$3,000
STBG	\$37,000	\$29,600	\$7,400
TA	\$0	\$0	\$0
TOTAL	\$248,855	\$190,283	\$58,572

Project Phase	Expenditures: FFY 2026 (x1000)		
	Total	Federal	Local
H RTP	\$177,000	\$135,000	\$42,000
PE1	\$750	\$400	\$350
PE2	\$6,750	\$4,400	\$2,350
PE2/CON	\$0	\$0	\$0
ROW	\$0	\$0	\$0
ADVCON	\$0	\$3,000	-\$3,000
CON	\$38,000	\$26,800	\$11,200
EQP	\$23,606	\$18,884	\$4,722
OPR	\$1,000	\$800	\$200
INSP	\$1,749	\$999	\$750
TOTAL	\$248,855	\$190,283	\$58,572

Funding Category	Revenue: FFY 2027 (x1000)		
	Total	Federal	Local
§5307/§5340	\$40,455	\$27,564	\$12,891
§5309	\$157,080	\$119,000	\$38,080
§5310	\$1,380	\$1,104	\$276
§5337	\$5,548	\$4,438	\$1,110
§5339	\$491	\$393	\$98
FHWA Grant	\$0	\$0	\$0
FTA Grant	\$0	\$0	\$0
HIP-BFP	\$16,000	\$12,800	\$3,200
HIP-CPF/CDS	\$0	\$0	\$0
Local	\$0	\$0	\$0
NHPP	\$0	\$0	\$0
STBG	\$27,000	\$21,600	\$5,400
TA	\$0	\$0	\$0
TOTAL	\$247,954	\$186,899	\$61,055

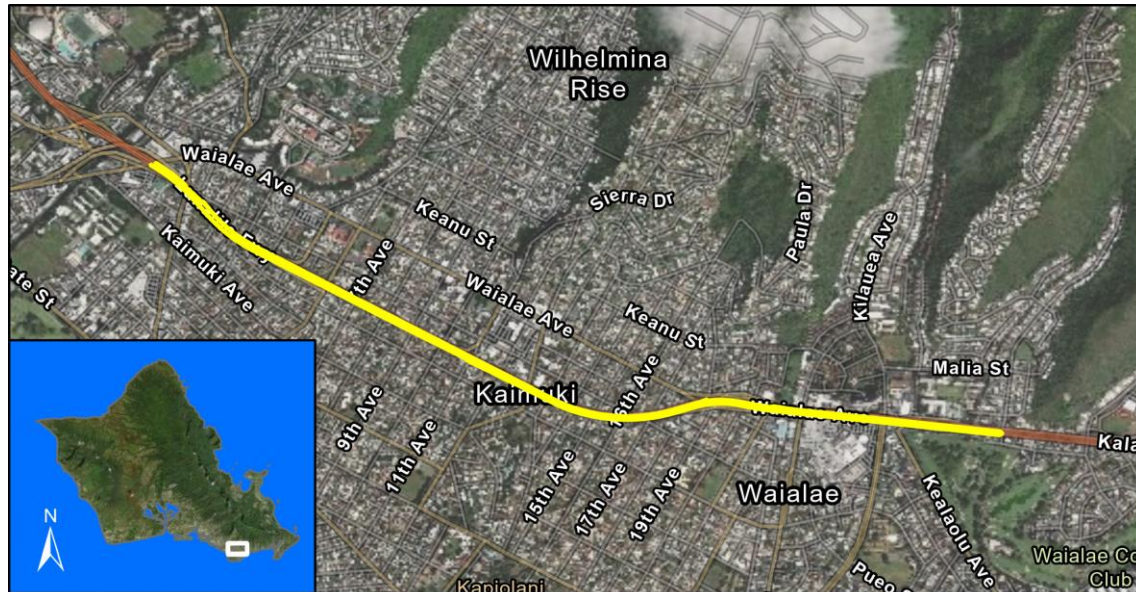
Project Phase	Expenditures: FFY 2027 (x1000)		
	Total	Federal	Local
H RTP	\$169,080	\$129,000	\$40,080
PE1	\$750	\$400	\$350
PE2	\$1,750	\$400	\$1,350
PE2/CON	\$0	\$0	\$0
ROW	\$0	\$0	\$0
ADVCON	\$0	\$0	\$0
CON	\$46,500	\$33,600	\$12,900
EQP	\$24,625	\$19,700	\$4,925
OPR	\$1,000	\$800	\$200
INSP	\$4,249	\$2,999	\$1,250
TOTAL	\$247,954	\$186,899	\$61,055

PROJECTS

The following projects are grouped by the type of federal funding (e.g., FHWA) and project sponsor (e.g., HDOT).

FHWA Funded Projects: Hawaii Department of Transportation

OS14 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue, Phase 2



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Project Description:

Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system.

Mile Post/s: MP 25.24 to MP 27.16

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waialae-Kahala, Kaimuki, Diamond Head-Kapahulu-St. Louis Heights, McCully-Moiliili

Estimated Total Project Cost: \$22,550,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Phase 1																			
ADVCON	0	1,050	-1,050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 2																			
CON	0	0	0	15,000	1,000	14,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	4,000	-4,000	0	4,000	-4,000	0	3,000	-3,000	0	0	0	NHPP
Total	0	1,050	-1,050	15,000	1,000	14,000	0	4,000	-4,000	0	4,000	-4,000	0	3,000	-3,000	0	0	0	

FHWA Funded Projects: City and County of Honolulu



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Description:

The Transportation Alternatives (TA) Set-Aside is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TA Set-Aside Project Evaluation and Ranking process. Projects may be flexed from FHWA to FTA.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for pedestrian and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): North Shore, Island wide

Estimated Total Project Cost: \$19,416,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Haleiwa Road Multi-Use Path																			
CON	0	0	0	0	0	0	209	167	42	1,275	1,020	255	0	0	0	0	0	0	TA
INSP	0	0	0	0	0	0	0	0	0	408	326	82	0	0	0	0	0	0	TA
Rail Station Multimodal Access Improvements - Halawa Station and Waiawa Station																			
CON	0	0	0	8,100	6,480	1,620	0	0	0	0	0	0	0	0	0	0	0	0	FHWA Grant
CON	0	0	0	7,250	5,800	1,450	0	0	0	0	0	0	0	0	0	0	0	0	TA
INSP	0	0	0	1,125	900	225	0	0	0	0	0	0	0	0	0	0	0	0	FHWA Grant
INSP	0	0	0	900	720	180	0	0	0	0	0	0	0	0	0	0	0	0	FHWA Grant
Total	0	0	0	17,375	13,900	3,475	209	167	42	1,683	1,346	337	0	0	0	0	0	0	



Project Description:

Plan, design, construct, inspect and provide related equipment for City projects of regional significance. Projects may be flexed from FHWA to FTA.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$156,250,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY2022			FFY2023			FFY2024			FFY2025			FFY2026			FFY2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	68,750	55,000	13,750	25,000	20,000	5,000	25,000	20,000	5,000	25,000	20,000	5,000	0	0	0	STBG
CON	0	0	0	12,500	10,000	2,500	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Total	0	0	0	81,250	65,000	16,250	25,000	20,000	5,000	25,000	20,000	5,000	25,000	20,000	5,000	0	0	0	



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Description:

Program to support implementation of the Transportation Demand Management (TDM) Work Action Program.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$5,000,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

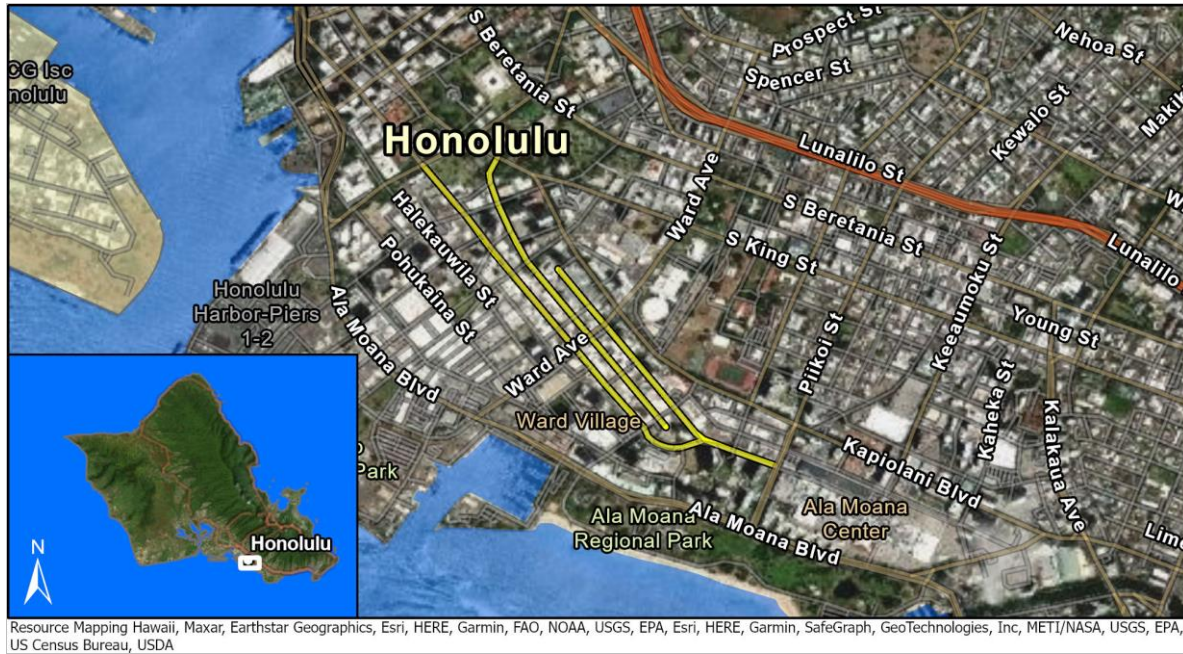
Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	0	0	0	0	0	0	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	STBG
Total	0	0	0	0	0	0	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	

OC-22-62 Kakaako Special District Roadway Improvement



Project Description:

Upgrade roads within the Kakaako Special District including Queen St, Kawaiahao St and Waimano St.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$50,000,000

Total Project Cost Notes: State to fund PE1 and ROW. City to fund PE2, CON, and INSP. Additional CON will be programmed in FFYs 28-29.

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	0	0	0	15,000	12,000	3,000	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	0	0	0	0	0	0	5,000	4,000	1,000	0	0	0	STBG
ROW	0	0	0	0	0	0	0	0	0	10,000	8,000	2,000	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,500	14,000	3,500	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500	2,000	500	STBG
Total	0	0	0	0	0	0	15,000	12,000	3,000	10,000	8,000	2,000	5,000	4,000	1,000	20,000	16,000	4,000	



Project Description:

Program management, design, to install and upgrade sidewalks on City streets consistent with the Pedestrian Plan.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Island wide

Estimated Total Project Cost: \$101,000,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Phase 1																			
PE1	0	0	0	5,800	4,640	1,160	500	400	100	0	0	0	0	0	0	0	0	0	FHWA Grant
PE1	0	0	0	735	588	147	0	0	0	500	400	100	500	400	100	500	400	100	STBG
PE2	0	0	0	0	0	0	2,000	1,600	400	0	0	0	0	0	0	0	0	0	FHWA Grant
PE2	0	0	0	0	0	0	0	0	0	500	400	100	500	400	100	500	400	100	STBG
CON	0	0	0	0	0	0	2,000	1,600	400	2,000	1,600	400	4,000	3,200	800	4,000	3,200	800	STBG
INSP	0	0	0	0	0	0	500	400	100	500	400	100	1,000	800	200	1,000	800	200	STBG
Total	0	0	0	6,535	5,228	1,307	5,000	4,000	1,000	3,500	2,800	700	6,000	4,800	1,200	6,000	4,800	1,200	

OC-22-64 Oahu Electric Vehicle Chargers



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Various Locations - Islandwide

Project Description:

Project to plan, design, and construct charging infrastructure for electric vehicles in City facilities.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$2,450,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Office of Climate Change, Sustainability and Resiliency

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
PE2	0	0	0	0	0	0	125	100	25	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
CON	0	0	0	0	0	0	625	500	125	1,250	1,000	250	0	0	0	0	0	0	HIP-CPF/CDS
INSP	0	0	0	0	0	0	100	80	20	100	80	20	0	0	0	0	0	0	HIP-CPF/CDS
Total	0	0	0	250	200	50	850	680	170	1,350	1,080	270	0	0	0	0	0	0	



Resource Mapping Hawaii, Maxar, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, US Census Bureau, USDA, Earthstar Geographics, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

Project Description:

Demolition and replacement of the existing four (4)-span concrete bridge on Waialua Beach Road crossing Kiikii Stream.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$18,000,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Design and Construction

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Waialua Beach Road Bridge No. 605 Reconstruction																			
PE1	0	0	0	1,200	0	1,200	0	0	0	0	0	0	0	0	0	0	0	0	Local
PE2	0	0	0	0	0	0	0	0	0	800	0	800	0	0	0	0	0	0	Local
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,000	12,800	3,200	HIP-BFP
Total	0	0	0	1,200	0	1,200	0	0	0	800	0	800	0	0	0	16,000	12,800	3,200	

FTA: City and County of Honolulu

OC13 Bus and Handi-Van Acquisition Program



Project Description:

Purchase replacement transit buses and Handi-Van vehicles.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: <http://www.thebus.org> and <http://www.honolulu.gov/dts>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$224,862,000

Total Project Cost Notes: Project funds may be flexed from FHWA to FTA.
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
INSP 2022	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	\$5307/\$5340
EQP	10,239	8,191	2,048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	140	112	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	418	334	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5310
EQP	1,850	1,480	370	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	3,848	3,078	770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
2023																			
EQP	0	0	0	12,500	10,000	2,500	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	63,778	51,022	12,756	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	426	341	85	0	0	0	0	0	0	0	0	0	0	0	0	\$5310
EQP	0	0	0	1,886	1,509	377	0	0	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	5,890	4,712	1,178	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	3,925	3,140	785	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	23,694	20,000	3,694	0	0	0	0	0	0	0	0	0	0	0	0	FTA Grant
EQP	0	0	0	10,000	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
2024																			

OC13 Bus and Handi-Van Acquisition Program

													FOR INFORMATION ONLY							
Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
2024																				
EQP	0	0	0	0	0	0	12,050	9,640	2,410	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	435	348	87	0	0	0	0	0	0	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	1,924	1,539	385	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	4,004	3,203	801	0	0	0	0	0	0	0	0	0	0	\$5339
2025																				
EQP	0	0	0	0	0	0	0	0	0	12,839	10,271	2,568	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	444	355	89	0	0	0	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	0	0	0	1,963	1,570	393	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	0	0	0	4,084	3,267	817	0	0	0	0	0	0	0	\$5339
2026																				
EQP	0	0	0	0	0	0	0	0	0	0	0	0	16,333	13,066	3,267	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1,354	1,083	271	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	0	0	0	0	0	0	5,438	4,350	1,088	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	0	0	0	0	0	0	481	385	96	0	0	0	0	\$5339
2027																				
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,206	13,765	3,441	0	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,380	1,104	276	0	\$5310
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,548	4,438	1,110	0	\$5337
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	491	393	98	0	\$5339
Total	16,544	13,234	3,310	122,148	100,763	21,385	18,462	14,769	3,693	19,379	15,502	3,877	23,655	18,923	4,732	24,674	19,739	4,935		



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, USDA, Earthstar Geographics, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

Project Description:

Plan, design, and construct a fixed guideway system between East Kapolei and Civic Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles, and associated core systems.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: <http://www.honolulutrnsit.org>

Neighborhood(s): Ala Moana-Kakaako, Downtown, Kalihi-Palama, Airport, Pearl City, Waipahu, Ewa, Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$9,148,050,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

Honolulu Authority for Rapid Transportation

													FOR INFORMATION ONLY						Funding Category
FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027				
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	
Phase	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	
\$5307 Flex Funds																			
H RTP	0	0	0	66,000	55,000	11,000	30,000	25,000	5,000	30,000	25,000	5,000	12,000	10,000	2,000	12,000	10,000	2,000	\$5307/\$5340
\$5309 American Rescue Plan Act																			
H RTP	70,000	70,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309
\$5309 New Starts																			
H RTP	0	0	0	165,000	125,000	40,000	330,000	250,000	80,000	165,000	125,000	40,000	165,000	125,000	40,000	157,080	119,000	38,080	\$5309
TAP State - Chinatown Bike Facility																			
PE2/CON	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	\$5307/\$5340
TAP State - Middle Loch Connector																			
CON	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
TAP State - Secure Bicycle Storage																			
CON	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	\$5307/\$5340
Total	70,000	70,000	0	231,500	180,400	51,100	360,750	275,600	85,150	195,000	150,000	45,000	177,000	135,000	42,000	169,080	129,000	40,080	

OC-21-59 Intermodal Connectivity - TA Set-Aside (OahuMPO)



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, USDA, Earthstar Geographics, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

Project Description:

The Transportation Alternatives (TA) Set-Aside is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$43,250,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Rail Station Multimodal Access Improvements - Halawa Station and Waiawa Station																			
PE1	1,250	1,000	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
PE2	2,642	2,113	529	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	0	0	0	0	0	0	1,750	1,400	350	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	0	0	0	0	0	0	15,200	0	15,200	0	0	0	0	0	0	0	0	0	Local
INSP	0	0	0	0	0	0	3,000	0	3,000	0	0	0	0	0	0	0	0	0	Local
Total	3,892	3,113	779	0	0	0	19,950	1,400	18,550	0	0	0	0	0	0	0	0	0	



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Description:

The Transportation Alternatives (TA) Set-Aside is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, and infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TA Project Evaluation and Ranking process.

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$43,250,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Rail Station Multimodal Access Improvements - Halawa Station and Waiawa Station																			
CON	0	0	0	0	0	0	8,100	6,480	1,620	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	0	0	0	0	0	0	7,250	5,800	1,450	0	0	0	0	0	0	0	0	0	\$5307/\$5340
INSP	0	0	0	0	0	0	1,125	900	225	0	0	0	0	0	0	0	0	0	\$5307/\$5340
INSP	0	0	0	0	0	0	900	720	180	0	0	0	0	0	0	0	0	0	\$5307/\$5340
Total	0	0	0	0	0	0	17,375	13,900	3,475	0	0	0	0	0	0	0	0	0	



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Description:

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

Mile Post/s:

Complete Streets (CS):

Project will implement: Project will incorporate complete streets features for both pedestrian use and bicycle use.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$132,000,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	200	0	200	500	0	500	500	0	500	200	0	200	200	0	200	\$5307/\$5340
PE2	0	0	0	800	0	800	1,200	0	1,200	1,200	0	1,200	800	0	800	800	0	800	\$5307/\$5340
CON	0	0	0	3,600	0	3,600	4,000	0	4,000	4,000	0	4,000	4,500	0	4,500	4,500	0	4,500	\$5307/\$5340
INSP	0	0	0	400	0	400	450	0	450	500	0	500	500	0	500	500	0	500	\$5307/\$5340
Total	0	0	0	5,000	0	5,000	6,150	0	6,150	6,200	0	6,200	6,000	0	6,000	6,000	0	6,000	



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Description:

Plan, design, construct, inspect and provide related equipment to City facilities infrastructure upgrade for electric charging stations. Projects may be flexed from FHWA to FTA.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$86,000,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Design and Construction

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	100	0	100	100	0	100	50	0	50	50	0	50	50	0	50	\$5307/\$5340
PE2	0	0	0	1,300	0	1,300	100	0	100	50	0	50	450	0	450	450	0	450	\$5307/\$5340
CON	0	0	0	7,063	0	7,063	10,000	8,000	2,000	4,900	0	4,900	4,500	3,600	900	4,500	3,600	900	\$5307/\$5340
INSP	0	0	0	0	0	0	200	160	40	200	0	200	200	160	40	200	160	40	\$5307/\$5340
Total	0	0	0	8,463	0	8,463	10,400	8,160	2,240	5,200	0	5,200	5,200	3,760	1,440	5,200	3,760	1,440	

OC-22-69 Multimodal Transit Fare Collection System



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Various Locations - Islandwide

Project Description:

Expand Honolulu Holo Smart Card System to be available Statewide at all Hawaii Public Transit Systems.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

Project Website: None

Neighborhood(s): Island wide

Estimated Total Project Cost: \$8,275,000

Total Project Cost Notes:

(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	828	828	0	0	0	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
PE2	0	0	0	3,309	3,309	0	0	0	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
CON	0	0	0	0	0	0	3,310	3,310	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
INSP	0	0	0	0	0	0	828	828	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
Total	0	0	0	4,137	4,137	0	4,138	4,138	0	0	0	0	0	0	0	0	0	0	

APPENDICIES

Appendix B: Scoring of New Projects and Programs

New projects and programs are scored according to the prioritization process described in [Appendix A](#).

The table below shows the scoring for each new project and program. Highlighted in yellow are the projects listed in this revision.

Rank	Project #	Project Name	Agency Responsible	Estimated Total Project Cost	Total Evaluation Score	TIP
1	OC-22-60	Capital Infrastructure Program	DTS	\$156,250,000	64	TIP FFYs 2022-2025 Rev 11
2	OS-21-43	Kamehameha Highway (Route 99) Seismic Retrofit, Pearl Harbor Interchange, Structure #2	HDOT	\$5,000,000	58	TIP FFYs 2022-2025
2	OS-21-51	Moanalua Freeway, (Interstate Route H-201) Seismic Retrofit, Puuloa Interchange (Five Structures)	HDOT	\$15,000,000	58	TIP FFYs 2022-2025
2	OS-21-52	Likelike Highway (Route 63) Seismic Retrofit, Kalihi Stream Bridges	HDOT	\$11,300,000	58	TIP FFYs 2022-2025
5	OC-22-62	Kakaako Special District Roadway Improvement	DTS	\$50,000,000	56	TIP FFYs 2022-2025 Rev 11
6	OC-22-63	Safe Streets and Roads for All (SS4A)	DTS	\$101,000,000	54	TIP FFYs 2022-2025 Rev 11
7	OC-22-69	Multimodal Transit Fare Collection System	DTS	\$8,275,000	48	TIP FFYs 2022-2025 Rev 11
7	OS-22-62	Farrington Highway (RTE 93) Sidewalk Improvements, Hakimo Rd to Nanakuli Ave, MP 6.89 to MP 5.06	HDOT	\$17,000,000	48	TIP FFYs 2022-2025 Rev 6
9	OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	DTS	\$43,250,000	47	TIP FFYs 2022-2025 Rev 11
9	OC-22-67	Intermodal Connectivity Improvements	DTS	\$132,000,000	47	TIP FFYs 2022-2025 Rev 11
11	OC-22-65	Bridge Program	DDC	\$18,000,000	46	TIP FFYs 2022-2025 Rev 11
12	OC-21-54	Kalaehoa Boulevard Railroad Improvements	DTS	\$1,480,000	45	TIP FFYs 2022-2025
12	OS-22-64	Whitmore Ave (RTE 7012) Sidewalk Improvements, Phase 2, Ihiihi Ave to Whitmore Community Center, MP 0.72 to MP 1.04	HDOT	\$3,100,000	45	TIP FFYs 2022-2025 Rev 6
14	OC-22-68	Electrification of Transportation Infrastructure	DDC	\$86,000,000	43	TIP FFYs 2022-2025 Rev 11
15	OC-22-61	Honolulu Transportation Demand Management (TDM) Plan	DTS	\$5,000,000	41	TIP FFYs 2022-2025 Rev 11
16	OS-21-44	Pali Highway, Rockfall Mitigation, Vicinity of MP 6.10 to MP 6.55	HDOT	\$13,000,000	40	TIP FFYs 2022-2025
16	OS-21-45	Pali Highway, Rockfall Mitigation, Vicinity of MP 5.90 to MP 6.10	HDOT	\$5,000,000	40	TIP FFYs 2022-2025
18	OS-21-57	Fort Barrette Road Railroad Crossing Improvements	HDOT	\$2,750,000	36	TIP FFYs 2022-2025
18	OS-22-61	Farrington Highway (Route 93) Bridge Rehabilitation, Ulehawa Stream Bridge	HDOT	\$25,000,000	36	TIP FFYs 2022-2025 Rev 6
20	OC-21-55	Oahu Traffic Signal Controller Modernization	DTS	\$16,251,000	33	TIP FFYs 2022-2025

Rank	Project #	Project Name	Agency Responsible	Estimated Total Project Cost	Total Evaluation Score	TIP
21	OC-22-64	Oahu Electric Vehicle Chargers	OCCSR	\$2,450,000	31	TIP FFYs 2022-2025 Rev 11
22	OS-21-47	Interstate Route H-1 Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	HDOT	\$40,000,000	30	TIP FFYs 2022-2025
23	OS-22-59	Interstate Route H-3, Unit 7C	HDOT	\$4,400,000	14	TIP FFYs 2022-2025 Rev 3
24	OS-21-49	Harbor Access Road (Route 94)	HDOT	\$142,000,000	13	TIP FFYs 2022-2025
25	OS-21-48	Kamehameha Highway Safety Improvements, Kukuna Road to Kahana Valley Road	HDOT	\$4,530,000	12	TIP FFYs 2022-2025
26	OS-22-58	High Friction Surface Treatment on Highway Ramps, Oahu	HDOT	\$2,700,000	10	TIP FFYs 2022-2025 Rev 3
27	OS-21-46	Interstate Route H-1, Kunia Interchange Improvements	HDOT	\$160,000,000	7	TIP FFYs 2022-2025
28	OS-21-50	Interstate Route H-3, Halawa Valley Mitigation, Phase 3, Gate 3 to Native Species Area	HDOT	\$5,500,000	4	TIP FFYs 2022-2025
28	OS-21-56	Interstate Route H-3, Halawa Valley Mitigation, Phase 2, Native Species Area to Tunnel Portal	HDOT	\$5,500,000	4	TIP FFYs 2022-2025
28	OS-22-60	Adaptive Traffic Signal Control Technology & Traffic Signal Controller Installation at Various Locations, Oahu	HDOT	\$41,000,000	4	TIP FFYs 2022-2025 Rev 3
28	OS-22-63	Kamehameha Highway Wetland Enhancement at James Campbell National Wildlife Refuge	HDOT	\$2,500,000	4	TIP FFYs 2022-2025 Rev 6
32	OS-21-53	Farrington Highway Widening, Helelua to Mohihi	HDOT	\$34,500,000	-1	TIP FFYs 2022-2025

Appendix C: Title VI and Environmental Justice (T6/EJ) Analysis

The Title VI and Environmental Justice analysis assesses the impact of projects in communities of color and/or communities with low incomes in terms of the planned investments in these areas. All projects with a specific geography were mapped and analyzed based on the estimated total project expenditures and per capita expenditures to ensure there is no significant difference in investments between T6/EJ areas and non-T6/EJ areas.

The table below shows that while only 37% of the planned investments are in T6/EJ areas, on a per capita basis, these areas will receive \$10,828 per person which is \$310 more per person compared to non-T6/EJ areas.

T6/EJ Financial Summary*	T6/EJ Block Groups	Non-T6/EJ Block Groups	Diff. vs. Non-T6/EJ
Est. Total Project Expenditures	\$4,003,565,476	\$6,884,270,524	-\$2,880,705,048
% Est. Total Project Expenditures	37%	63%	-26%
# of Block Groups	183	157	26
Per Block Group Expenditures	\$21,877,407	\$43,848,857	-\$21,971,450
Total Population (2010)	369,725	654,486	-284,761
Per Capita Expenditures	\$10,828	\$10,519	\$310

* For the OC16 Honolulu Rail Transit Project, TOD boundaries were used as the specific geography

TIP FFYs 2022-2025 As of Revision 11

Title VI/Environmental Justice (T6/EJ) Areas

