

TRANSPORTATION IMPROVEMENT PROGRAM

FEDERAL FISCAL YEARS 2022–2025

As of Revision 17

February 2024



This report was funded in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation. The views and opinions of the agency expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

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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
TAX	Transit Accommodation Tax
TIP	Transportation Improvement Program
T6	Title VI of the Civil Rights Act of 1964
U.S.C.	United States Code
VMT	Vehicle Miles Traveled
VRM	Vehicle Revenue Miles

Funding Categories

Federal Highway Administration (FHWA)

Bridge OS	Bridge Off-System
Earmark	Earmark
FHWA Grant	FHWA Competitive Grants
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/ Growing States and High-Density States Formula
\$5309	New Starts
\$5310	Enhanced Mobility
\$5329	Public Transit Safety Program
\$5337	State of Good Repair
\$5339	Bus and Bus Facilities
Discretionary	Congressional Discretionary Spending

Local

Local	Local Funding Sources
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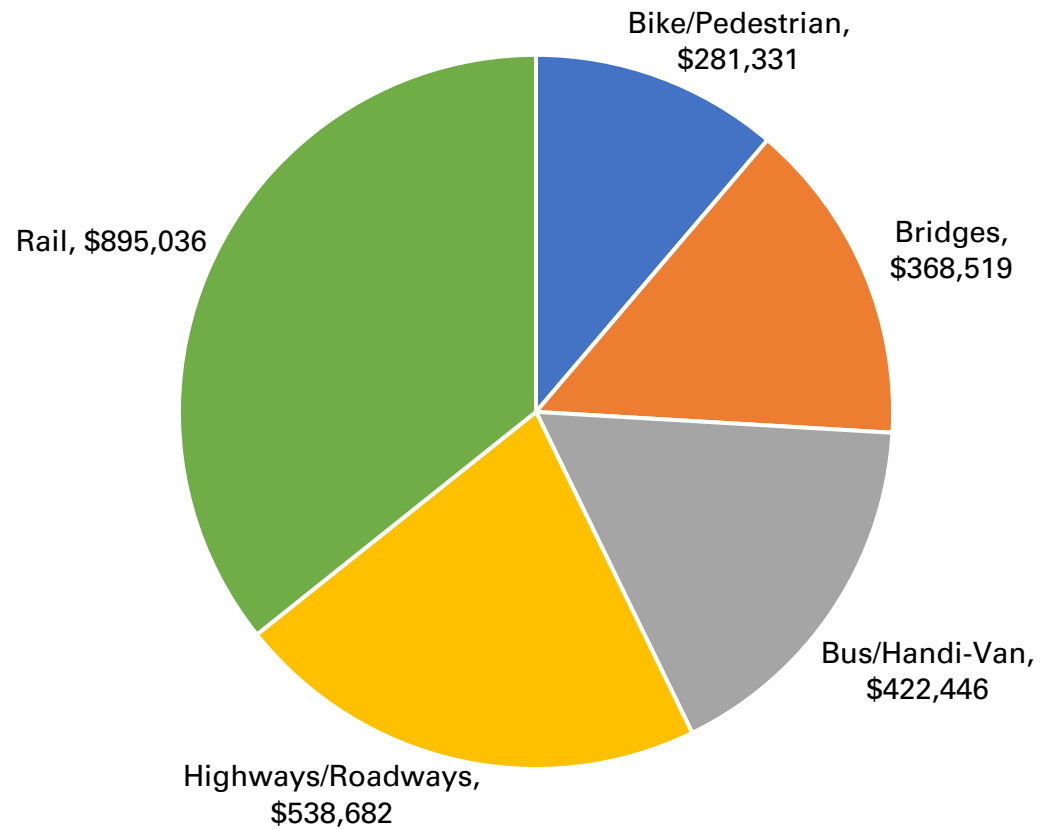
Project Phases

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
ADVCON	Advance Construction
CON	Construction
EQP	Equipment acquisition
OPR	Operation expenses
INSP	Inspection

EXECUTIVE SUMMARY

FFYs 2022-2025 Total Programmed Funds by Project Type (x1000)

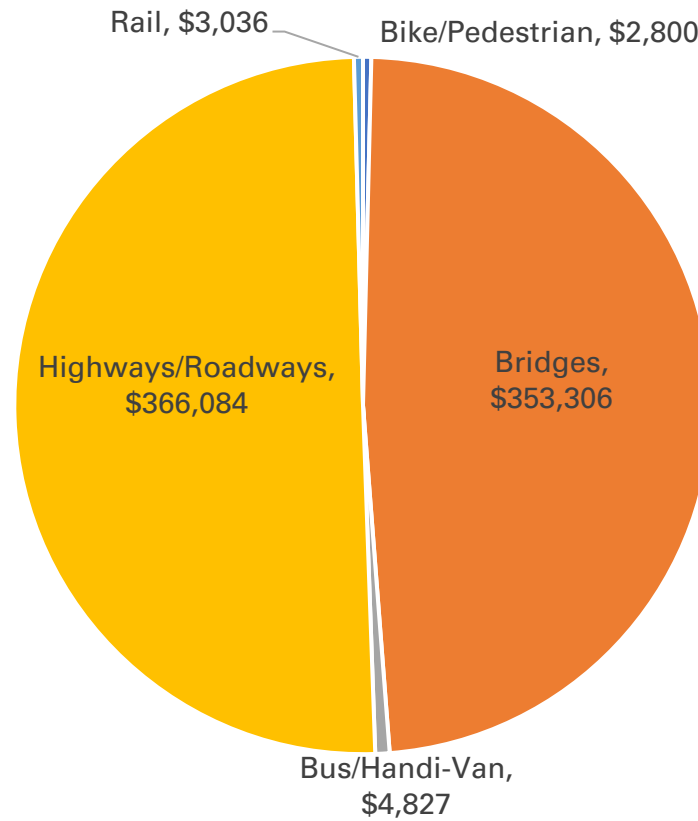
97 Projects: \$2,506,014



FFYs 2022-2025 Total Programmed Funds by Agency and Project Type (x1000)

Hawaii Department of Transportation (HDOT)

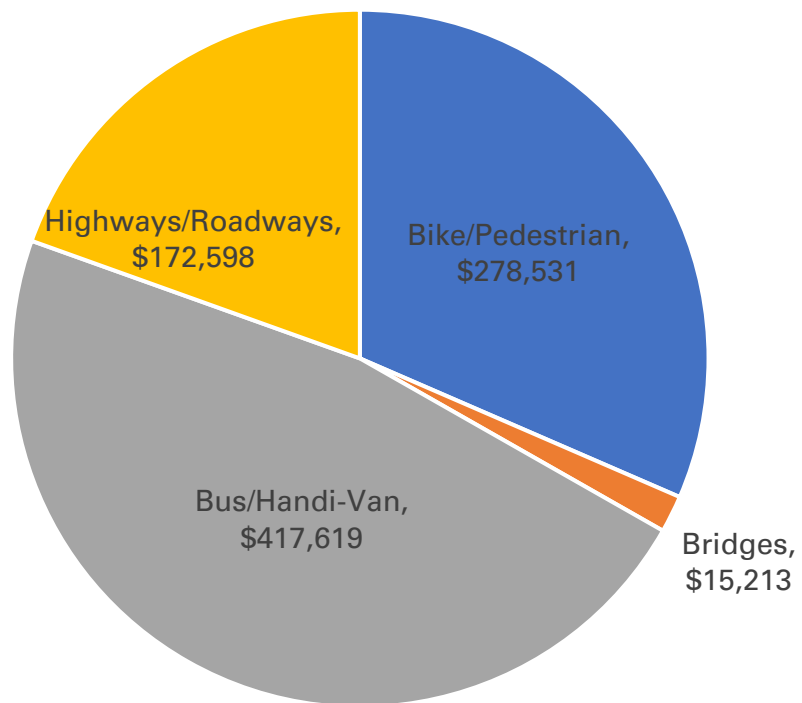
68 Projects: \$730,053



FFYs 2022-2025 Total Programmed Funds by Agency and Project Type (x1000)

City and County of Honolulu

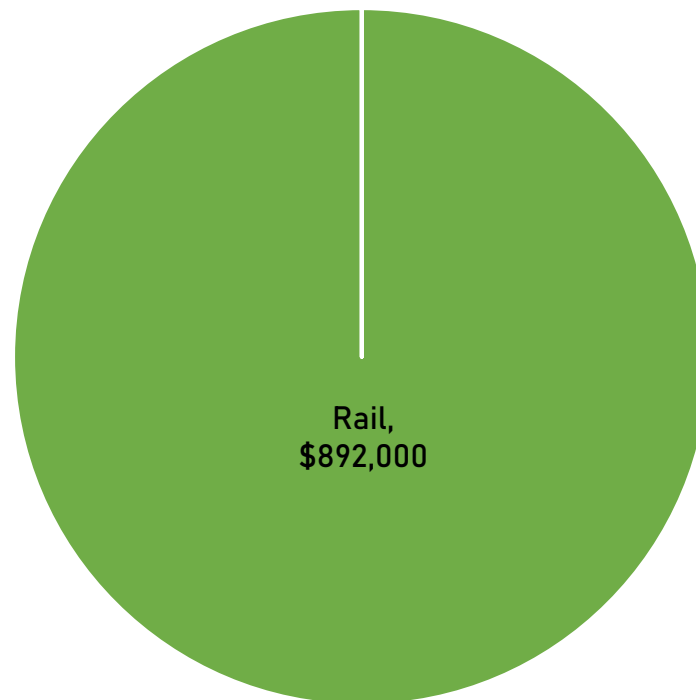
28 Projects: \$883,961



FFYs 2022-2025 Total Programmed Funds by Agency and Project Type (x1000)

Honolulu Authority for Rapid Transportation (HART)

1 Projects: \$892,000



INTRODUCTION

The Transportation Improvement Program (TIP) is a short-term program, which lists all surface transportation projects or phases of projects on the island of Oahu that:

- Are regionally significant projects
- Use Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) funding for projects including transportation alternatives, transit improvements, Federal Lands Transportation Program (FLTP) and Federal Lands Access Program (FLAP), Highway Safety Improvement Program (HSIP), trails, pedestrian walkways, and bicycle facilities except the following:
 - Safety projects under the Highway Safety Program and the Motor Carrier Safety Assistance Program
 - Metropolitan planning projects under the Unified Planning Work Program
 - State planning and research projects under State Planning and Research and Planning Programs
 - Emergency relief projects (except those involving substantial functional, locational, or capacity changes)
 - National planning and research projects under Technical Assistance and Workforce Development
 - Project management oversight projects under Project Management Oversight
- Require action by the FHWA or FTA (e.g., adding a freeway interchange with non-Federal funds)

Each project or project phase in the TIP must be consistent with the Oahu Regional Transportation Plan (ORTP). Projects or phases of projects can only be included if full funding can reasonably be anticipated to be available within the time period for completion of the project. Fiscal constraint must be demonstrated and maintained by year and include sufficient financial information to demonstrate which projects are to be implemented using current and/or reasonably available revenues. The TIP is also required to include a financial plan that demonstrates how the TIP can be implemented, identifies funding sources that are reasonably expected to be made available and any additional financing needed to carry out the TIP.

DEVELOPMENT PROCESS

The TIP covers a period of four years plus two additional years for informational purposes. The TIP is updated every three years to provide a one-year overlap between updates which is compatible with the STIP development process. The TIP expires when the FHWA/FTA approval of the STIP expires.

TIP Development Schedule

Activity	Month
Development of financial estimates	July
Call for projects	August - September
Agencies submit projects	October
Project prioritization and selection	November
Project and program scoring review	December
Development of the draft TIP	January - March
Public comment and intergovernmental review	April
Response to comments	May
Committees and Policy Board	June
TIP approval	July
STIP incorporation, and FHWA/FTA approval	September, to coincide with the new FFY
Total processing time	15 months

REVISIONS

Between updates every three years, the TIP is revised twice a year following the Semi-Annual Revision Schedule or as needed (e.g., emergency projects in response to natural and other disasters, situations where federal funds are at risk or become available, etc.) using an Out-of-Cycle Revision Schedule with processing time subject to the type of change described below. Either method is compatible with the STIP revision process.

A minor change is called an Administrative Modification while a major change is considered an Amendment.

An Administrative Modification is a minor change in cost to a project or project phase, a minor change to funding sources, a minor change to the start or end date of a project or project phase, a minor change in design concept or design scope, minor corrections, or adding, modifying, or removing a project or project phase involving advance construction. This revision does not require public review and comment or a redemonstration of fiscal constraint. An Administrative Modification does not require recommendation by the CAC and TAC or Policy Board approval. However, the Policy Board will be provided a copy of the Administrative Modification.

An Amendment is a major change to a project or project phase including the addition or deletion of a project, a major change in cost to a project or project phase, a major change to the start or end date of a project or project phase, a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes or changing the number of stations in the case of fixed guideway transit projects). Changes to a project that is included only for illustrative purposes does not require an Amendment. This revision requires a public review and comment period and a redemonstration of fiscal constraint. An Amendment requires a review by the CAC and TAC for Policy Board approval.

Semi-Annual Revision Schedule - Administrative Modification

Activity	Fall Revision	Spring Revision
OSR meetings	October	March
Agencies submit revisions	November	April
Development of the draft TIP revision	November - December	April - May
TIP approval, STIP incorporation, and FHWA/FTA approval	January	June
Total processing time	4 months	4 months

Semi-Annual Revision Schedule – Amendment

Activity	Fall Revision	Spring Revision
OSR meetings	October	March
Agencies submit revisions	November	April
Development of the draft TIP revision	November - December	April - May
Public comment and intergovernmental review	December - January	May - June
Response to comments	January	June
Committees and Policy Board	February	July
TIP approval, STIP incorporation, and FHWA/FTA approval	March	August
Total processing time	6 months	6 months

Out-of-Cycle Revision Schedule

Activity	Administrative Modification	Amendment
Agencies submit revisions	1-3 days	1-3 days
Development of the draft TIP revision	At least 1 week	At least 2 weeks due to technical analysis (e.g., CMP, fiscal constraint, new project scoring, and T6/EJ analysis)
Public comment and intergovernmental review		2 weeks
Response to comments		1 week
Committees and Policy Board		At least 4 weeks due to the Committees and Policy Board schedule
TIP approval, STIP incorporation, and FHWA/FTA approval	At least 1 week	At least 1 week
Total processing time	At least 2 weeks	At least 10 weeks

REVISION HISTORY

TIP FFYs 2022-2025 was endorsed by the Policy Board in July 2021 and has been revised 17 times through February 2024. A summary of the revisions is provided in the table below.

Revision #	Revision Type	Approved / Completed	# Of Projects Modified	# Of Projects Removed	# Of Projects Added	# Of Projects Revised
1	Pre-Approved Administrative Modifications	January 2022	37	0	0	37
2	Expedited Administrative Modifications	February 2022	6	0	0	6
3	Amendments	February 2022	6	1	6	13
4	Pre-Approved Administrative Modifications	May 2022	19	0	0	19
5	Expedited Administrative Modifications	June 2022	1	0	0	1
6	Amendments	June 2022	3	1	4	8
7	Expedited Administrative Modifications	July 2022	1	0	0	1
8	Pre-Approved Administrative Modifications	September 2022	1	0	0	1
9	Pre-Approved Administrative Modifications	December 2022	34	0	0	34
10	Expedited Administrative Modifications	March 2023	2	0	0	2
11	Amendments	March 2023	5	0	10	15
12	Administrative Modification	March 2023	1	0	0	1
13	Administrative Modification	April 2023	2	0	0	2

Revision #	Revision Type	Approved / Completed	# Of Projects Modified	# Of Projects Removed	# Of Projects Added	# Of Projects Revised
14	Administrative Modification	May 2023	31	0	0	31
15	Amendment	July 2023	4	3	6	13
16	Administrative Modification	December 2023	34	0	0	34
17	Amendment	February 2024	1	2	5	8
Total			188	7	31	226

FUNDING

Funding for all projects must be identified and can come from federal, state, and local funding sources. A brief description for each funding source is provided below.

FHWA:

Bridge Off-System Program (Bridge OS) contains set-aside funds from the Bridge Formula Program to replace or rehabilitate deficient bridges that are not on the federal-aid road system (e.g., bridges on local roads).

Discretionary Funds (Earmark, FLAP) are additional funds that the Federal government may decide to award to the region such as funds for the Federal Lands Access Program (FLAP) and congressional allocations such as RAISE/BUILD grants.

Federal Highway Administration Competitive Grants Program (FHWA Grant) provides a variety of competitive grant programs used to fund various types of transportation projects and activities.

Highway Infrastructure Program - Bridge Formula Program (HIP-BFP) contains set-aside funds from the Highway Infrastructure Program for highway bridge replacement, rehabilitation, preservation, protection, and construction of highway bridges.

Highway Infrastructure Program - Community Project Funding / Congressionally Directed Spending (HIP-CPF/CDS) are set-aside funds from the Highway Infrastructure Program and provide funds for transit infrastructure.

Highway Safety Improvement Program (HSIP) provides funds to achieve a significant reduction in traffic fatalities and serious injuries on all public roads using a data-driven, strategic approach to improve highway safety on all public roads.

National Highway Performance Program (NHPP) provides funds to support for the condition and performance of the National Highway System (NHS), the construction of new facilities on the NHS, and to ensure funds in highway construction are directed to support progress toward the achievement of performance targets established in a State asset management plan for the NHS.

Railway-Highway Crossings Program (RHCP) provides funds for the elimination of hazards at railway-highway crossings.

Surface Transportation Block Grant Program (STBG) provides flexible funds that may be used by States and local agencies for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.

Surface Transportation Program Enhancement Program (STP Enhance) provides funds for innovative, community-based projects to enhance the transportation system through non-traditional type projects including historic preservation transportation facilities and museums, landscaping and beautification, scenic highways, bike and pedestrian facilities and education, and rail corridors preservation.

Transportation Alternatives Set-Aside Program (TA) provides funding for a variety of small-scale transportation projects such as pedestrian and bicycle facilities; construction of turnouts, overlooks, and viewing areas; community improvements such as historic preservation and vegetation management; environmental mitigation related to stormwater and habitat connectivity; recreational trails; safe routes to school projects; and vulnerable road user safety assessments.

FTA funding sources:

\$5307 Urbanized Area Formula Grant Program (\$5307) makes federal resources available in urbanized areas (e.g., areas with a pop. >= 50K) for transit capital and operating assistance and for transportation-related planning.

\$5309 Capital Investment Grant Program (\$5309) is a discretionary grant program that funds transit capital investments, including heavy rail, commuter rail, light rail, streetcars, and bus rapid transit.

\$5310 Enhanced Mobility of Seniors & Individuals with Disabilities (\$5310) provides formula funding to states for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs.

\$5329 Public Transportation Safety and Oversight Program (\$5329) provides formula funding to implement and maintain a national public transportation safety program to improve the safety of all public transportation systems that receive federal funding.

\$5337 State of Good Repair Grants Program (\$5337) provides capital assistance for maintenance, replacement, and rehabilitation projects of high-intensity fixed guideway and bus systems to help transit agencies maintain assets in a state of good repair.

\$5339 Buses and Bus Facilities Formula Program (\$5339) provides funding to states and transit agencies through a statutory formula to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities. In addition to the formula allocation, this program also includes two discretionary components: the Bus and Bus Facilities Discretionary Program and the Low or No Emissions Bus Discretionary Program.

§5340 Growing States and High-Density States Formula Program (§5340) was established by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) to apportion additional funds to the Urbanized Area Formula and Rural Area Formula programs.

Local Funding Sources:

State of Hawaii primarily receives funding through the State Highway Fund.

City and County of Honolulu primarily receives funding through the Bikeway Fund, General Improvement Bonds, and Highway Improvement Bonds.

Honolulu Authority for Rapid Transportation (HART) primarily receives funding through the State General Excise Tax and the Honolulu Transient Accommodation Tax.

FINANCIAL PLAN

A financial plan 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. Revenue and cost estimates use a current inflation rate to reflect year of expenditure dollars developed cooperatively by the OahuMPO, HDOT, DTS, and HART.

The tables below show the revenue by funding source and expenditures by project phases for FFYs 2022-2025, including each program year.

Revenue: FFY 2022 (x1000)			
Funding Category	Total	Federal	Local
§5307/§5340	\$62,935	\$50,348	\$12,587
§5309	\$70,000	\$70,000	\$0
§5310	\$1,331	\$1,088	\$243
§5329	\$672	\$537	\$135
§5337	\$1,763	\$1,410	\$353
§5339	\$4,325	\$3,460	\$865
Bridge OS	\$1,780	\$1,200	\$580
Discretionary	\$0	\$0	\$0
Earmark	\$0	\$0	\$0
FHWA Grant	\$0	\$0	\$0
HIP-BFP	\$0	\$0	\$0
HIP-CPF/CDS	\$0	\$0	\$0
HSIP	\$15,950	\$17,707	-\$1,757
Local	\$22,520	\$0	\$22,520
NHPP	\$86,150	\$140,032	-\$53,882
RHCP	\$0	\$0	\$0
STBG	\$81,743	\$14,760	\$66,983
STP Enhance	\$0	\$3,457	-\$3,457
TA	\$0	\$0	\$0
TOTAL	\$349,169	\$303,999	\$45,170

Expenditures: FFY 2022 (x1000)			
Project Phase	Total	Federal	Local
H RTP	\$70,000	\$70,000	\$0
PLN	\$0	\$0	\$0
PE1	\$2,750	\$1,080	\$1,670
PE2	\$736	\$501	\$235
PE1/PE2	\$0	\$0	\$0
PE2/CON	\$0	\$0	\$0
DES	\$2,145	\$1,492	\$653
ROW	\$10	\$0	\$10
ADVCON	\$0	\$114,646	-\$114,646
CON	\$193,466	\$51,785	\$141,681
EQP	\$69,568	\$55,654	\$13,914
OPR	\$5,809	\$5,096	\$713
INSP	\$4,685	\$3,745	\$940
TOTAL	\$349,169	\$303,999	\$45,170

Revenue: FFY 2023 (x1000)			
Funding Category	Total	Federal	Local
\$5307/\$5340	\$79,959	\$57,197	\$22,762
\$5309	\$0	\$0	\$0
\$5310	\$1,363	\$1,090	\$273
\$5329	\$1,144	\$915	\$229
\$5337	\$1,884	\$1,513	\$371
\$5339	\$12,544	\$9,081	\$3,463
Bridge OS	\$3,640	\$2,400	\$1,240
Discretionary	\$63,750	\$63,750	\$0
Earmark	\$0	\$4,400	-\$4,400
FHWA Grant	\$0	\$0	\$0
HIP-BFP	\$1,250	\$1,000	\$250
HIP-CPF/CDS	\$250	\$200	\$50
HSIP	\$2,035	\$1,630	\$405
Local	\$22,230	\$0	\$22,230
NHPP	\$179,642	\$65,448	\$114,194
RHCP	\$2,300	\$2,070	\$230
STBG	\$100,303	\$81,362	\$18,941
STP Enhance	\$0	\$0	\$0
TA	\$110	\$88	\$22
TOTAL	\$472,404	\$292,144	\$180,260

Expenditures: FFY 2023 (x1000)			
Project Phase	Total	Federal	Local
H RTP	\$101,250	\$93,750	\$7,500
PLN	\$110	\$88	\$22
PE1	\$8,997	\$5,118	\$3,879
PE2	\$1,345	\$30	\$1,315
PE1/PE2	\$4,500	\$3,600	\$900
PE2/CON	\$0	\$0	\$0
DES	\$3,640	\$2,400	\$1,240
ROW	\$1,765	\$588	\$1,177
ADVCON	\$0	\$45,400	-\$45,400
CON	\$298,298	\$98,539	\$199,759
EQP	\$44,751	\$35,991	\$8,760
OPR	\$6,257	\$5,455	\$802
INSP	\$1,491	\$1,185	\$306
TOTAL	\$472,404	\$292,144	\$180,260

Revenue: FFY 2024 (x1000)			
Funding Category	Total	Federal	Local
\$5307/\$5340	\$208,987	\$153,051	\$55,936
\$5309	\$495,000	\$375,000	\$120,000
\$5310	\$3,290	\$2,632	\$658
\$5329	\$595	\$475	\$120
\$5337	\$3,624	\$2,899	\$725
\$5339	\$76,771	\$63,986	\$12,785
Bridge OS	\$2,913	\$1,952	\$961
Discretionary	\$0	\$0	\$0
Earmark	\$0	\$0	\$0
FHWA Grant	\$0	\$0	\$0
HIP-BFP	\$19,500	\$3,600	\$15,900
HIP-CPF/CDS	\$23,469	\$20,775	\$2,694
HSIP	\$1,795	\$2,655	-\$860
Local	\$21,000	\$0	\$21,000
NHPP	\$162,990	\$94,105	\$68,885
RHCP	\$0	\$0	\$0
STBG	\$76,003	\$43,908	\$32,095
STP Enhance	\$0	\$0	\$0
TA	\$20,497	\$16,397	\$4,100
TOTAL	\$1,116,434	\$781,435	\$334,999

Expenditures: FFY 2024 (x1000)			
Project Phase	Total	Federal	Local
H RTP	\$525,000	\$400,000	\$125,000
PLN	\$0	\$0	\$0
PE1	\$25,185	\$19,382	\$5,803
PE2	\$17,041	\$12,192	\$4,849
PE1/PE2	\$1,500	\$200	\$1,300
PE2/CON	\$16,601	\$3,281	\$13,320
DES	\$3,652	\$2,206	\$1,446
ROW	\$2,693	\$1,354	\$1,339
ADVCON	\$0	\$57,517	-\$57,517
CON	\$351,441	\$143,287	\$208,154
EQP	\$131,535	\$110,863	\$20,672
OPR	\$33,073	\$26,907	\$6,166
INSP	\$8,713	\$4,246	\$4,467
TOTAL	\$1,116,434	\$781,435	\$334,999

Revenue: FFY 2025 (x1000)			
Funding Category	Total	Federal	Local
§5307/§5340	\$148,566	\$110,327	\$38,239
§5309	\$165,000	\$125,000	\$40,000
§5310	\$2,110	\$1,688	\$422
§5329	\$625	\$500	\$125
§5337	\$1,866	\$1,493	\$373
§5339	\$29,362	\$23,708	\$5,654
Bridge OS	\$2,880	\$1,930	\$950
Discretionary	\$0	\$0	\$0
Earmark	\$0	\$0	\$0
FHWA Grant	\$43,872	\$35,098	\$8,774
HIP-BFP	\$6,970	\$8,576	-\$1,606
HIP-CPF/CDS	\$4,350	\$3,480	\$870
HSIP	\$2,000	\$1,600	\$400
Local	\$28,801	\$0	\$28,801
NHPP	\$64,499	\$102,123	-\$37,624
RHCP	\$0	\$0	\$0
STBG	\$64,761	\$57,408	\$7,353
STP Enhance	\$0	\$0	\$0
TA	\$2,345	\$1,876	\$469
TOTAL	\$568,007	\$474,807	\$93,200

Expenditures: FFY 2025 (x1000)			
Project Phase	Total	Federal	Local
H RTP	\$195,000	\$150,000	\$45,000
PLN	\$1	\$0	\$1
PE1	\$29,270	\$22,337	\$6,933
PE2	\$21,652	\$9,187	\$12,465
PE1/PE2	\$5,000	\$3,000	\$2,000
PE2/CON	\$0	\$0	\$0
DES	\$3,336	\$2,295	\$1,041
ROW	\$1,954	\$1,162	\$792
ADVCON	\$0	\$88,860	-\$88,860
CON	\$160,898	\$77,547	\$83,351
EQP	\$111,262	\$88,907	\$22,355
OPR	\$33,141	\$26,962	\$6,179
INSP	\$6,493	\$4,550	\$1,943
TOTAL	\$568,007	\$474,807	\$93,200

Revenue: FFY 2022-2025 (x1000)			
Funding Category	Total	Federal	Local
§5307/§5340	\$500,447	\$370,923	\$129,524
§5309	\$730,000	\$570,000	\$160,000
§5310	\$8,094	\$6,498	\$1,596
§5329	\$3,036	\$2,427	\$609
§5337	\$9,137	\$7,315	\$1,822
§5339	\$123,002	\$100,235	\$22,767
Bridge OS	\$11,213	\$7,482	\$3,731
Discretionary	\$63,750	\$63,750	\$0
Earmark	\$0	\$4,400	-\$4,400
FHWA Grant	\$43,872	\$35,098	\$8,774
HIP-BFP	\$27,720	\$13,176	\$14,544
HIP-CPF/CDS	\$28,069	\$24,455	\$3,614
HSIP	\$21,780	\$23,592	-\$1,812
Local	\$94,551	\$0	\$94,551
NHPP	\$493,281	\$401,708	\$91,573
RHCP	\$2,300	\$2,070	\$230
STBG	\$322,810	\$197,438	\$125,372
STP Enhance	\$0	\$3,457	-\$3,457
TA	\$22,952	\$18,361	\$4,591
TOTAL	\$2,506,014	\$1,852,385	\$653,629

Expenditures: FFY 2022-2025 (x1000)			
Project Phase	Total	Federal	Local
H RTP	\$891,250	\$713,750	\$177,500
PLN	\$111	\$88	\$23
PE1	\$66,202	\$47,917	\$18,285
PE2	\$40,774	\$21,910	\$18,864
PE1/PE2	\$11,000	\$6,800	\$4,200
PE2/CON	\$16,601	\$3,281	\$13,320
DES	\$12,773	\$8,393	\$4,380
ROW	\$6,422	\$3,104	\$3,318
ADVCON	\$0	\$306,423	-\$306,423
CON	\$1,004,103	\$371,158	\$632,945
EQP	\$357,116	\$291,415	\$65,701
OPR	\$78,280	\$64,420	\$13,860
INSP	\$21,382	\$13,726	\$7,656
TOTAL	\$2,506,014	\$1,852,385	\$653,629

CONGESTION MANAGEMENT

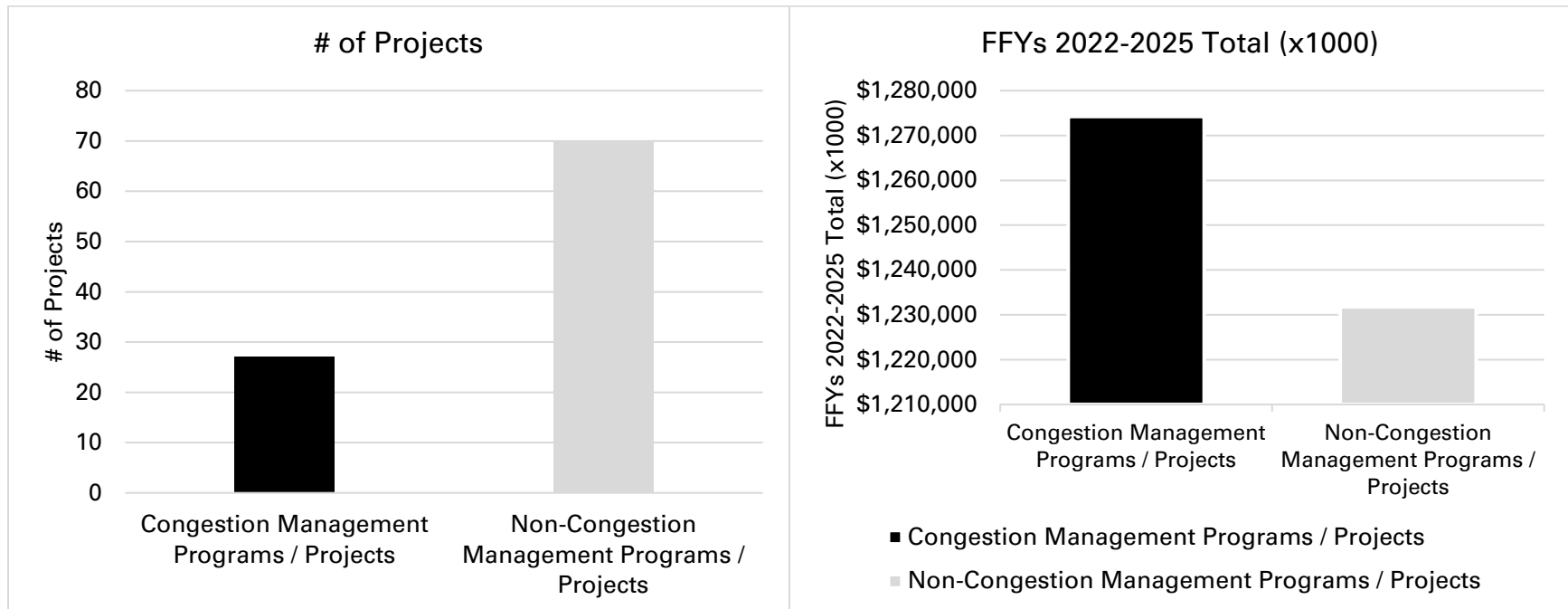
As part of the transportation planning process, the OahuMPO addresses congestion through a [Congestion Management Process \(CMP\)](#) that provides for effective management and operation, based on a cooperatively developed and implemented metropolitan-wide strategy, of new and existing transportation facilities, through the following travel demand reduction and operational management strategies:

- Transportation Demand Management (TDM) Strategies
- Land Use and Growth Management Strategies
- Public Transit Improvements
- Active Transportation Strategies
- Operational Enhancements
- Corridor Preservation and Management Strategies
- Capacity Enhancements

The CMP can be directly linked to 8 of the 14 TIP project and program evaluation criteria listed below:

- Evaluation Criteria 1.1.1: Increase safety by investing in safety improvements in high crash areas and projects and programs that intend on improving safety.
- Evaluation Criteria 2.1.1: Increase the share of people using active transportation by investing in projects and programs that add miles of pedestrian facilities or improve existing pedestrian facilities.
- Evaluation Criteria 2.1.2: Increase the share of people using active transportation by investing in projects and programs that add miles of bicycle facilities or improve existing bicycle facilities.
- Evaluation Criteria 2.2.1: Increase the share of people taking transit by investing in projects and programs that support TheBus, Handi-Van, and Rail.
- Evaluation Criteria 2.3.1: Decrease the share of people driving alone by investing in projects and programs that encourage people not to drive alone.
- Evaluation Criteria 6.1.1: Improve freight reliability by investing in projects on designated freight routes and programs that intend on improving freight reliability.
- Evaluation Criteria 6.1.2: Improve reliability of Interstate and Non-Interstate highways, freight networks, and transit by investing in projects and programs with the intent of reducing and/or managing non-recurring congestion and transit delays.
- Evaluation Criteria 6.2.1: Improve efficiency by investing in projects on congested corridors, and corridors with high numbers of transit trips per hour, projects that improve the efficiency of transit, and programs that intend on improving the efficiency of the transportation system.

The figure below on the left shows that while only 27 out of 97 projects and programs are expected to help mitigate congestion, the figure below on the right shows the total programmed funds accounts for 51% or \$1.27 billion of the total in FFYs 2022-2025.



The table below lists the 27 projects and programs that are expected to help mitigate congestion.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC1	Alapai Transportation Management Center Operations	\$1,139
OC10	Traffic Signals at Various Locations	\$12,438
OC16	Honolulu Rail Transit Project	\$892,000
OC2	Bikeway Improvements Program	\$9,158
OC-21-55	Oahu Traffic Signal Controller Modernization	\$16,251
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	\$23,842
OC23	Salt Lake Boulevard Widening, Phase 3B	\$32,050
OC25	Transportation Alternatives Program (MPO)	\$43,589
OC26	Transportation Alternative Program (State)	\$23,235
OC4	Computerized Traffic Control System	\$1,553
OC8	Traffic Improvements at Various Locations	\$7,050
OS11	ITS Operation and Maintenance	\$2,000
OS17	Interstate Route H-1, Kapolei Interchange Complex, Phase 3	\$47,000
OS-21-46	Interstate Route H-1, Kunia Interchange Improvements	\$1,500
OS-21-49	Harbor Access Road (Route 94)	\$7,000
OS-21-53	Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements	\$0
OS-21-57	Fort Barrette Road Railroad Crossing Improvements	\$2,300
OS-22-59	Interstate Route H-3, Unit 7C	\$4,100
OS-22-60	Adaptive Traffic Signal Control Technology & Traffic Signal Controller Installation at Various Locations, Oahu	\$37,289
OS43	Leeward Bikeway, Philippine Sea Road to Waipahu Depot Street	\$0
OS5	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)	\$28,572
OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	\$1,400
OS80	Traffic Signal Modernization Program, Various Locations	\$45,500
OS84	Kamehameha Highway (Route 83) Intersection Improvements at Kahekili Highway	\$5,900
OC-22-61	Honolulu Transportation Demand Management (TDM) Plan	\$2,000
OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	\$20,375
OS-23-73	Kamehameha Highway (Route 83) Intersection Improvements at Waihee Road	\$7,000
Total		\$1,274,241

TRANSPORTATION PERFORMANCE MANAGEMENT

The OahuMPO in coordination with the HDOT and DTS establish transportation performance targets to measure and improve the performance of the regional transportation system. The TIP includes projects that make progress toward achieving the performance targets and link investment priorities to the following performance management categories:

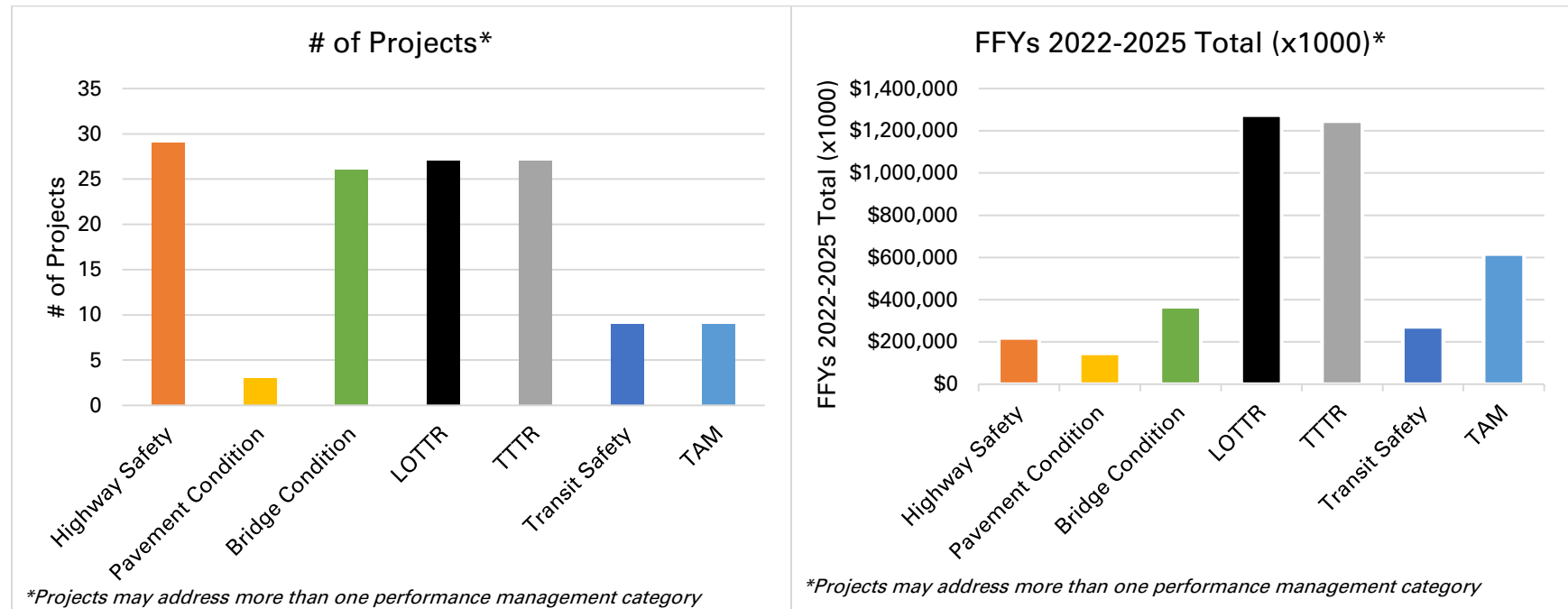
- Highway Safety
- Pavement and Bridge Condition
- System Reliability (Level of Travel Time Reliability and Truck Travel Time Reliability)
- Transit Safety
- Transit Asset Management (TAM)

These performance targets can be directly linked to 10 of the 14 TIP project and program evaluation criteria listed below:

- Evaluation Criteria 1.1.1: Increase safety by investing in safety improvements in high crash areas and projects and programs that intend on improving safety.
- Evaluation Criteria 2.1.1: Increase the share of people using active transportation by investing in projects and programs that add miles of pedestrian facilities or improve existing pedestrian facilities.
- Evaluation Criteria 2.1.2: Increase the share of people using active transportation by investing in projects and programs that add miles of bicycle facilities or improve existing bicycle facilities.

- Evaluation Criteria 2.2.1: Increase the share of people taking transit by investing in projects and programs that support TheBus, Handi-Van, and Rail.
- Evaluation Criteria 2.3.1: Decrease the share of people driving alone by investing in projects and programs that encourage people not to drive alone.
- Evaluation Criteria 3.1.1: Increase pedestrian, bicycle, and transit options for mobility constrained populations by investing in pedestrian, bicycle, and transit projects and programs that serve those populations.
- Evaluation Criteria 5.1.1: Improve the condition of roadways, bridges, pathways, transit vehicles and facilities by investing in roadway and bridge projects prioritized by HDOT's Transportation Asset Management Plan, projects that aim to improve the condition of pathways and transit vehicles and facilities, and programs that intend on maintaining and improving roadways, bridges, transit vehicles and facilities, and pathways.
- Evaluation Criteria 6.1.1: Improve freight reliability by investing in projects on designated freight routes and programs that intend on improving freight reliability.
- Evaluation Criteria 6.1.2: Improve reliability of Interstate and Non-Interstate highways, freight networks, and transit by investing in projects and programs with the intent of reducing and/or managing non-recurring congestion and transit delays.
- Evaluation Criteria 6.2.1: Improve efficiency by investing in projects on congested corridors, and corridors with high numbers of transit trips per hour, projects that improve the efficiency of transit, and programs that intend on improving the efficiency of the transportation system.

The figure below on the left shows the number of projects and programs by performance management category. The figure below on the right shows the total programmed funds by performance management category.



Highway Safety

The OahuMPO in coordination with the HDOT is required to set targets for five highway safety performance measures.

In January 2023, the OahuMPO Policy Board approved the following highway safety targets:

Performance Measure	2023 Target (5-Year Average)
Number of fatalities	50.2
Fatalities per 100 million vehicle miles traveled (VMT)	0.847
Number of serious injuries	243.9
Serious injuries per 100 million vehicle miles traveled (VMT)	4.125
Number of non-motorized fatalities and serious injuries	86.1

The table below lists the 29 projects and programs that are expected to help achieve the highway safety targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC1	Alapai Transportation Management Center Operations	\$1,139
OC10	Traffic Signals at Various Locations	\$12,438
OC-21-54	Kalaeloa Boulevard Railroad Improvements	\$1,480
OC8	Traffic Improvements at Various Locations	\$7,050
OS10	Guardrail and Shoulder Improvements, Various Locations	\$4,700
OS11	ITS Operation and Maintenance	\$2,000
OS12	Destination Sign, Upgrade/Replacement	\$35,320
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	\$15,750
OS20	Interstate Route H-1 Safety Improvements, Beginning of H-1 (Palailai Interchange) to Waiawa Overpass	\$0
OS-21-45	Pali Highway, Rockfall Mitigation, Vicinity of MP 5.9 to MP 6.55	\$1,000
OS-21-47	Interstate Route H-1 Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	\$30,000
OS-21-53	Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements	\$0
OS-22-58	High Friction Surface Treatment on Highway Ramps, Oahu	\$2,200
OS-22-64	Whitmore Ave (RTE 7012) Sidewalk Improvements, Phase 2, Ihiihi Ave to Whitmore Community Center, MP 0.72 to MP 1.04	\$2,800
OS44	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements, Phase 2	\$0
OS45	Moanalua Freeway (route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to Middle Street Overpass	\$0
OS46	Moanalua Freeway (Route H-201), Highway Lighting Improvements, MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	\$0
OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	\$1,400
OS61	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaihoa Beach	\$1,020
OS62	Pali Hwy (Rte 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Rte 98) to Kamehameha Hwy (Rte 83)	\$0
OS69	Farrington Highway (Route 93), Safety Improvements, H-1 Freeway to Pohakunui Avenue	\$7,000
OS73	Likelike Highway (Route 63), Rehabilitation and Safety Improvements, Emmeline Place to Kahekili Highway	\$24,000
OS75	Kamehameha Highway (Route 83), Rockfall Protection, Waimea Bay	\$10,213
OS79	Shoreline Protection/Mitigation Program	\$5,850

Project #	Project Name	FFY 2022-2025 Total (x1000)
OS9	Freeway Service Patrol	\$16,000
OC-22-62	Kakaako Special District Roadway Improvement	\$15,000
OC-22-63	Safe Streets and Roads for All (SS4A)	\$12,882
OS-23-70	Likelike Highway (Rte 63), Tunnel Rehabilitation, Wilson Tunnels	\$9,270
OS-23-72	Interstate Route H-3, Safety Improvements, Harano Tunnel North Portal to Kionaole Road Overpass	\$400
Total		\$218,912

Pavement and Bridge Condition

The OahuMPO in coordination with the HDOT is required to set targets for six pavement and bridge condition performance measures.

In April 2023, the OahuMPO Policy Board approved the following pavement and bridge condition targets:

Performance Measure	2024 Target (2-Year)	2026 Target (4-Year)
National Highway System (NHS) Interstate Pavement Percent in Good Condition	25%	25%
National Highway System (NHS) Interstate Pavement Percent in Poor Condition	4%	4%
National Highway System (NHS) Non-Interstate Pavement Percent in Good Condition	25%	30%
National Highway System (NHS) Non-Interstate Pavement Percent in Poor Condition	4%	4%
National Highway System (NHS) Bridge Percent in Good Condition	25%	30%
National Highway System (NHS) Bridge Percent in Poor Condition	1%	1%

The table below lists the 3 projects and programs that are expected to help achieve the pavement condition targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OS1	Bridge and Pavement Improvement Program, Oahu	\$146,000
OS26	Kalanianaʻole Highway (Route 72) Resurfacing, Poalima Street to Vicinity of Makai Pier	\$0
OS67	Interstate Route H-1, Reconstruction and Repair, Eastbound, Waimalu Interchange to Halawa	\$0
Total		\$146,000

The table below lists the 26 projects and programs that are expected to help achieve the bridge condition targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC3	Bridge Inspection, Inventory, and Appraisal	\$11,213
OS1	Bridge and Pavement Improvement Program, Oahu	\$146,000
OS-21-51	Moanalua Freeway, (Interstate Route H-201) Seismic Retrofit, Puuloa Interchange (Five Structures)	\$1,050
OS-21-52	Likelike Highway (Route 63) Seismic Retrofit, Kalihi Stream Bridges	\$710
OS-22-61	Farrington Highway (Route 93) Bridge Rehabilitation, Ulehawa Stream Bridge	\$2,620
OS28	Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge	\$0
OS29	Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge	\$19,278
OS31	Kamehameha Highway (Route 83), Bridge Replacement, Laieloa Stream Bridge	\$15,015
OS34	Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Stream Bridge	\$17,244
OS36	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	\$12,550
OS4	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A	\$0
OS70	Interstate Route H-1, Seismic Retrofit, Waialae Viaduct	\$4,261
OS71	Kamehameha Highway (Route 83), Bridge Rehabilitation, Paumalu Bridge	\$1,450
OS72	Kamehameha Highway (Route 83), Bridge Replacement, Waimanana Bridge	\$1,781
OS74	Interstate Route H-1, Seismic Retrofit, McCully Street Separation	\$897
OS76	Bridge Rehabilitation Program, Various Locations TBD by the BrM (Bridge Management System)	\$5,930
OS77	Bridge Replacement Program, Various Locations TBD by the BrM (Bridge Management System)	\$3,400
OS78	Bridge Seismic Retrofit Program, Various Locations TBD by the Seismic Retrofit Management Program	\$7,400
OS82	Interstate Route H-1 Improvements, Eastbound, Ola Lane Overpass to Vineyard Boulevard	\$84,000
OC-22-65	Bridge Program	\$4,000
OS-23-68	Kamehameha Highway (Route 80), Bridge Rehabilitation, NF Kaukonahua (Karsten Thot) Bridge	\$2,500
OS-23-65	Farrington Highway (Route 93), Bridge Rehabilitation, Mailiili Stream Bridge	\$2,220
OS-23-66	Interstate Route H-2, Panakauahi 3-144 and 4-144 Culvert Rehabilitation	\$16,000
OS-23-67	Interstate Route H-3, Luluku Culvert Repair, Vicinity of Interstate Route H-3 (MP 8.67) and Likelike Hwy	\$5,000
OS-23-69	Kamehameha Hwy (Route 83), Rehabilitation, Waimea Stream Bridge	\$1,000
OS-23-71	Interstate Route H-1, McCully Street Separation Bridge Repair and Painting, Phase 1	\$1,000
Total		\$366,519

System Reliability

The OahuMPO in coordination with the HDOT is required to set targets for three system reliability performance measures.

In April 2023, the OahuMPO Policy Board approved the following system reliability targets:

Performance Measure	2026 Target (4-Year)
Percent of person miles traveled on the Interstate System that are reliable	65%
Percent of person miles traveled on the non-Interstate National Highway System that are reliable	73%
Interstate Truck Travel Time Reliability Index	2.75

The table below lists the 27 projects and programs that are expected to help achieve the Level of Travel Time Reliability (LOTTR) targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC1	Alapai Transportation Management Center Operations	\$1,139
OC10	Traffic Signals at Various Locations	\$12,438
OC16	Honolulu Rail Transit Project	\$892,000
OC2	Bikeway Improvements Program	\$9,158
OC-21-55	Oahu Traffic Signal Controller Modernization	\$16,251
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	\$23,842
OC23	Salt Lake Boulevard Widening, Phase 3B	\$32,050
OC25	Transportation Alternatives Program (MPO)	\$43,589
OC26	Transportation Alternative Program (State)	\$23,235
OC4	Computerized Traffic Control System	\$1,553
OC8	Traffic Improvements at Various Locations	\$7,050
OS11	ITS Operation and Maintenance	\$2,000
OS17	Interstate Route H-1, Kapolei Interchange Complex, Phase 3	\$47,000
OS-21-46	Interstate Route H-1, Kunia Interchange Improvements	\$1,500
OS-21-49	Harbor Access Road (Route 94)	\$7,000
OS-21-53	Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements	\$0
OS-21-57	Fort Barrette Road Railroad Crossing Improvements	\$2,300
OS-22-59	Interstate Route H-3, Unit 7C	\$4,100
OS-22-60	Adaptive Traffic Signal Control Technology & Traffic Signal Controller Installation at Various Locations, Oahu	\$37,289
OS43	Leeward Bikeway, Philippine Sea Road to Waipahu Depot Street	\$0
OS5	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)	\$28,572
OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	\$1,400
OS80	Traffic Signal Modernization Program, Various Locations	\$45,500
OS84	Kamehameha Highway (Route 83) Intersection Improvements at Kahekili Highway	\$5,900
OC-22-61	Honolulu Transportation Demand Management (TDM) Plan	\$2,000
OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	\$20,375
OS-23-73	Kamehameha Highway (Route 83) Intersection Improvements at Waihee Road	\$7,000
Total		\$1,274,241

The table below lists the 27 projects and programs that are expected to help achieve the Truck Travel Time Reliability (TTTR) targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC1	Alapai Transportation Management Center Operations	\$1,139
OC10	Traffic Signals at Various Locations	\$12,438
OC16	Honolulu Rail Transit Project	\$892,000
OC2	Bikeway Improvements Program	\$9,158
OC-21-55	Oahu Traffic Signal Controller Modernization	\$16,251
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	\$23,842
OC23	Salt Lake Boulevard Widening, Phase 3B	\$32,050
OC25	Transportation Alternatives Program (MPO)	\$43,589
OC26	Transportation Alternative Program (State)	\$23,235
OC4	Computerized Traffic Control System	\$1,553
OC8	Traffic Improvements at Various Locations	\$7,050
OS11	ITS Operation and Maintenance	\$2,000
OS17	Interstate Route H-1, Kapolei Interchange Complex, Phase 3	\$47,000
OS-21-46	Interstate Route H-1, Kunia Interchange Improvements	\$1,500
OS-21-49	Harbor Access Road (Route 94)	\$7,000
OS-21-53	Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements	\$0
OS-21-57	Fort Barrette Road Railroad Crossing Improvements	\$2,300
OS-22-59	Interstate Route H-3, Unit 7C	\$4,100
OS-22-60	Adaptive Traffic Signal Control Technology & Traffic Signal Controller Installation at Various Locations, Oahu	\$37,289
OS43	Leeward Bikeway, Philippine Sea Road to Waipahu Depot Street	\$0
OS52	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	\$0
OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	\$1,400
OS80	Traffic Signal Modernization Program, Various Locations	\$45,500
OS84	Kamehameha Highway (Route 83) Intersection Improvements at Kahekili Highway	\$5,900
OC-22-61	Honolulu Transportation Demand Management (TDM) Plan	\$2,000
OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	\$20,375
OS-23-73	Kamehameha Highway (Route 83) Intersection Improvements at Waihee Road	\$7,000
Total		\$1,245,669

Transit Safety

The OahuMPO in coordination with the DTS is required to set targets for seven transit safety performance measures.

In October 2020, the OahuMPO Policy Board approved the following transit safety targets:

Performance Measure	2020 Target		
	Rail	Bus	Paratransit
Total number of fatalities	0	0	0
Fatality rate per 100,000 vehicle-revenue miles (VRM)	0	0	0
Total number of injuries	4	109	12
Injury rate per 100,000 vehicle-revenue miles (VRM)	1.03	0.5	0.155
Total number of safety events	7	122	15
Rate of safety events per 100,000 vehicle-revenue miles (VRM)	1.80	0.56	0.196
Mean distance between major mechanical failures (vehicle-revenue miles / failures)	75,000	10,556	15,846

The table below lists the 9 projects and programs that are expected to help achieve the transit safety targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC14	Bus Stop ADA Access and Site Improvements	\$5,293
OC21	Transit Safety and Security Projects	\$6,714
OC-21-59	Intermodal Connectivity - TA Set-Aside (OahuMPO)	\$23,842
OC25	Transportation Alternatives Program (MPO)	\$43,589
OC26	Transportation Alternative Program (State)	\$23,235
OS68	HDOT State Safety Oversight Program	\$3,036
OC-22-60	Capital Infrastructure Program	\$131,250
OC-22-66	Intermodal Connectivity - TA Set-Aside (State)	\$20,375
OC-22-67	Intermodal Connectivity Improvements	\$14,200
Total		\$271,534

Transit Asset Management (TAM)

The OahuMPO in coordination with the DTS is required to establish targets for three transit asset management (TAM) performance measures.

In January 2023, the OahuMPO Policy Board approved the following transit asset management targets:

Performance Measure	Asset Class	2023 Target
Rolling Stock - Percent of revenue vehicles that exceeded their Useful Life Benchmark (ULB)	Articulated Bus	17.12%
	Bus	29.27%
	Cutaway Bus	38.74%
	Van	100.00%
Equipment - Percent of non-revenue vehicles that exceeded their Useful Life Benchmark (ULB)	Automobiles	100.00%
	Trucks and other vehicles	31.34%
Facility - Percent of facilities with a condition rating below 3.0 on the Transit Economic Requirements Model (TERM) scale	Passenger/Parking	0.00%
	Administration/Maintenance	0.00%

The table below lists the 9 projects and programs that are expected to help achieve the transit asset management targets.

Project #	Project Name	FFY 2022-2025 Total (x1000)
OC13	Bus and Handi-Van Acquisition Program	\$342,182
OC20	Preventive Maintenance	\$52,500
OC24	Capital Training	\$58
OC31	Middle Street Transit Center	\$528
OS50	Transportation Assistance for Seniors and Individuals with Disabilities	\$4,827
OC-22-60	Capital Infrastructure Program	\$131,250
OC-22-68	Electrification of Transportation Infrastructure	\$81,912
OS-23-74	Moanalua Freeway (Route 78), Aiea Interchange No. 2 Repair and Painting	\$1,000
OS-23-75	Sand Island Access Road (Route 64), Honolulu Bascule Bridge Repair and Painting	\$2,000
Total		\$616,257

PROJECTS

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

FHWA Funded Projects: Hawaii Department of Transportation



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

Project Description:

System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS1

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$126,000,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	FFY 2026			FFY 2027			
	(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)	
CON	21,000	0	21,000	21,000	0	21,000	21,000	0	21,000	21,000	0	21,000	21,000	0	21,000	21,000	0	21,000	Local
Interstate H-1 Airport Viaduct Rehab																			
ADVCON	0	1,187	-1,187	0	1,000	-1,000	0	1,000	-1,000	0	0	0	0	0	0	0	0	0	NHPP
Asphalt Pavement Preservation, Resurfacing and Reconstruction at Various Locations																			
ADVCON	0	17,000	-17,000	0	8,000	-8,000	0	2,500	-2,500	0	2,500	-2,500	0	2,500	-2,500	0	7,500	-7,500	NHPP
Interstate H-1 Rehabilitation, Salt Lake Blvd to Airport Viaduct																			
ADVCON	0	0	0	0	4,400	-4,400	0	0	0	0	0	0	0	0	0	0	0	0	Earmark
ADVCON	0	5,999	-5,999	0	0	0	0	2,600	-2,600	0	4,000	-4,000	0	4,000	-4,000	0	0	0	NHPP
Interstate H-1 Resurfacing, Miller Ped Overpass to Kapiolani Interchange																			
ADVCON	0	7,363	-7,363	0	4,000	-4,000	0	4,000	-4,000	0	4,000	-4,000	0	4,000	-4,000	0	4,000	-4,000	NHPP
Interstate Rte H-1 Improvements, Vic of Pearl City Viaduct to Waimalu Viaduct																			
CON	0	0	0	50,000	15,000	35,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	5,000	-5,000	0	5,000	-5,000	0	10,000	-10,000	0	10,000	-10,000	NHPP
Kamehameha Highway Resurfacing, Laiewai Bridge to Waipuhi Bridge																			
CON	0	0	0	12,000	1,000	11,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS1 Bridge and Pavement Improvement Program, Oahu

													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)	
Kamehameha Highway Resurfacing, Laiewai Bridge to Waipuhi Bridge																			
ADVCON	0	0	0	0	0	0	0	2,000	-2,000	0	2,000	-2,000	0	2,000	-2,000	0	2,600	-2,600	NHPP
Kamehameha Hwy Rehabilitation, Vicinity of Kapuhi St to Dairy Rd, MP 5.94 to MP 9.72																			
ADVCON	0	7,326	-7,326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Kamehameha Hwy, Kamananui Rd and Wilikina Dr Rehabilitation																			
ADVCON	0	11,000	-11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Nimitz Hwy and Ala Moana Blvd Resurfacing, Sand Island Access Rd to Piikoi St																			
ADVCON	0	5,169	-5,169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	21,000	55,044	-34,044	83,000	33,400	49,600	21,000	17,100	3,900	21,000	17,500	3,500	21,000	22,500	-1,500	21,000	24,100	-3,100	

OS4 Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A



Project Description:

Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.

Mile Post/s: MP 14.20 to MP 14.10

Complete Streets (CS):

Project will implement: Shared-use paths of 10 feet or greater width.

Existing Feature/s: No information available.

ORTP Project #: OS4

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$25,200,000

Total Project Cost Notes:

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

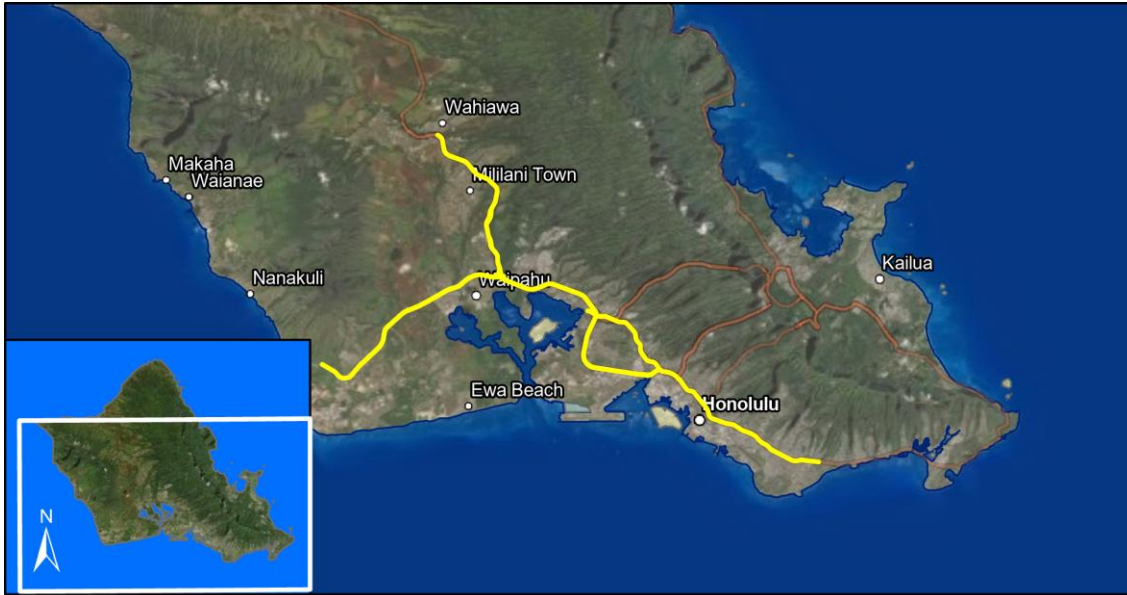
Project Sponsor: State of Hawaii (FHWA Funded)

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)	
ADVCON	0	8,000	-8,000	0	2,000	-2,000	0	1,000	-1,000	0	0	0	0	0	0	0	0	0	NHPP
Total	0	8,000	-8,000	0	2,000	-2,000	0	1,000	-1,000	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, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Project Description:

The project consists of the installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment on the Interstate H-1, H-2, and Moanalua Freeway. Minor interior modifications of the Interstate Route H-3 Control Center will also be done to accommodate system improvements. This project will be implemented in phases.

Mile Post/s:

Queen Liliuokalani Freeway: MP 0.00 to MP 27.16,
Veterans Memorial Freeway: MP 0.00 to MP 8.33, John
A. Burns Freeway: MP 0.00 to MP 15.32

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS5

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$200,000,000

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)	
<i>Phase 3</i>																			
ADVCON	0	2,438	-2,438	0	3,000	-3,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Phase 3, Unit 2</i>																			
CON	0	0	0	0	0	0	12,000	2,600	9,400	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	5,000	-5,000	0	0	0	NHPP
<i>Phase 3A</i>																			
CON	2,500	1,000	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	1,000	-1,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Phase 4</i>																			
PE2	0	0	0	0	0	0	630	567	63	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	12,000	4,350	7,650	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	5,250	-5,250	0	0	0	NHPP
<i>Phase 5</i>																			

OS5 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						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)	FFY 2026			FFY 2027			
													Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Phase 5																			
PE1	800	720	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	642	578	64	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,710	3,213	7,497	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,250	-5,250	NHPP
Total	3,300	4,158	-858	0	4,000	-4,000	12,630	3,167	9,463	12,642	7,928	4,714	10,710	13,463	-2,753	0	5,250	-5,250	



Project Description:

Operate roving service patrols along the Interstate H-1, Moanalua Freeway, and Interstate H-2. Services include towing of disabled vehicles; removing debris; providing basic fire extinguisher use; deploying traffic control devices; assisting the Honolulu Police Department, Honolulu Fire Department, and Emergency Medical Services at crash scenes and other incidents; assisting sick or injured motorists with basic first aid; and notifying 911 of incidents.

Mile Post/s:

Queen Liliuokalani Freeway: MP 5.37 to MP 27.16,
Veterans Memorial Freeway: MP 0.00 to MP 2.46,
Moanalua Freeway: MP 0.00 to MP 4.09

Complete Streets (CS):

Project will implement:

Not applicable.

Existing Feature/s:

Not applicable.

ORTP Project #:

OS9

Neighborhood(s):

Various Locations

Estimated Total Project Cost:

\$26,500,000

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						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		
(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)		
Phase																			
OPR	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	NHPP
Total	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	4,000	3,600	400	

OS10 Guardrail and Shoulder Improvements, Various Locations



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 upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Install various safety features including guardrails and crash attenuators

Existing Feature/s: No information available.

ORTP Project #: OS10

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$6,800,000

Total Project Cost Notes: over 6 years

(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 2																			
CON	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
Phase 3																			
PE2	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	2,000	1,600	400	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
Phase 4																			
PE2	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	0	0	0	2,000	1,600	400	0	0	0	0	0	0	HSIP
Phase 5																			
PE2	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	HSIP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	1,600	400	HSIP
Total	600	400	200	2,000	1,600	400	100	0	100	2,000	1,600	400	100	0	100	2,000	1,600	400	



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

Project Description:

Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.

Mile Post/s:

Queen Liliuokalani Freeway: MP 0.00 to MP 27.16,
Veterans Memorial Freeway: MP 0.00 to MP 8.33, John
A. Burns Freeway: MP 0.00 to MP 15.32

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS11

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$3,000,000

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						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)	
OPR	500	450	50	500	450	50	500	450	50	500	450	50	500	450	50	500	450	50	NHPP
Total	500	450	50	500	450	50	500	450	50	500	450	50	500	450	50	500	450	50	

OS12 Destination Sign, Upgrade/Replacement



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

Project Description:

Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2, H-201 and Pali Highway.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS12

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$46,000,000

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:

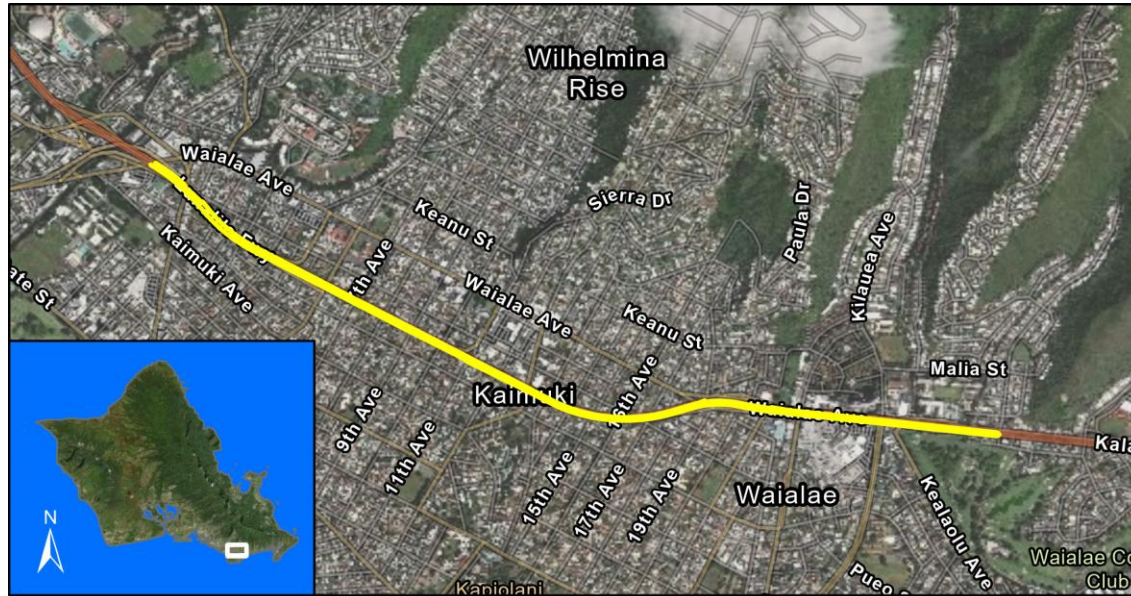
Hawaii Department of Transportation

													FOR INFORMATION ONLY						
	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)	Funding Category
INSP	3,000	2,400	600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 3A																			
CON	0	0	0	9,700	2,000	7,700	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	2,000	-2,000	0	3,760	-3,760	0	0	0	0	0	0	NHPP
Phase 3B																			
CON	0	0	0	0	0	0	10,500	2,100	8,400	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	3,300	-3,300	0	0	0	NHPP
Phase 4																			
PE1	0	0	0	572	458	114	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	832	666	166	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	10,404	4,323	6,081	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000	-4,000	0	0	0	NHPP
Phase 5																			
PE1	0	0	0	0	0	0	312	250	62	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	469	375	94	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,160	6,324	1,836	NHPP

OS12 Destination Sign, Upgrade/Replacement

													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)	
Phase 5																			
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 6																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	877	789	88	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,020	918	102	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	3,000	2,400	600	10,272	2,458	7,814	11,644	5,016	6,628	10,404	11,083	-679	1,346	8,464	-7,118	9,180	7,242	1,938	

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



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.

ORTP Project #: OS14

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

Estimated Total Project Cost: \$23,300,000

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

	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	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)	
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	0	0	0	15,750	1,600	14,150	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	4,000	-4,000	0	4,000	-4,000	0	3,000	-3,000	NHPP
Total	0	1,050	-1,050	0	0	0	15,750	1,600	14,150	0	4,000	-4,000	0	4,000	-4,000	0	3,000	-3,000	

OS17 Interstate Route H-1, Kapolei Interchange Complex, Phase 3



Project Description:

Phase 3 scope of work is widening Farrington Highway, enlarging the H-1 Freeway loop off-ramp to Kalaeloa Blvd, construct the Mauka Frontage Road from Makakilo Drive to Kapolei Interchange, and construct the Palailai Interchange.

Mile Post/s: MP 0.34 to MP 0.79

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS17

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$139,000,000

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 3																			
CON	47,000	9,100	37,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	4,000	-4,000	0	6,500	-6,500	0	5,000	-5,000	0	5,000	-5,000	0	5,000	-5,000	NHPP
Total	47,000	9,100	37,900	0	4,000	-4,000	0	6,500	-6,500	0	5,000	-5,000	0	5,000	-5,000	0	5,000	-5,000	

OS20 Interstate Route H-1 Safety Improvements, Beginning of H-1 (Palailai Interchange) to Waiawa Overpass



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

Project Description:

Scope includes but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.

Mile Post/s: Queen Liliuokalani Freeway: MP 0.00 to MP 9.00

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: No information available.

ORTP Project #: O-21-15

Neighborhood(s): Waipahu, Ewa, Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$9,700,000

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)		
ADVCON	0	4,107	-4,107	0	0	0	0	1,000	-1,000	0	0	0	0	0	0	0	0	0	0	HSIP
Total	0	4,107	-4,107	0	0	0	0	1,000	-1,000	0	0	0	0	0	0	0	0	0	0	

OS26 Kalanianaʻole Highway (Route 72) Resurfacing, Poalima Street to Vicinity of Makai Pier



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:

Roadway resurfacing of Kalanianaʻole Highway from Poalima Street to Vicinity of Makai Pier.

Mile Post/s: MP 3.35 to MP 5.65

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS26

Neighborhood(s): Waimanalo

Estimated Total Project Cost: \$22,500,000

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)	
ADVCON	0	3,000	-3,000	0	3,000	-3,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	3,000	-3,000	0	3,000	-3,000	0	0	0	0	0	0	0	0	0	0	0	0	

OS28 Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge



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:

Replace the existing bridge on Kamehameha Highway.

Mile Post/s: Kamehameha Highway: MP 20.78 to MP 20.85

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS28

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$25,600,000

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)

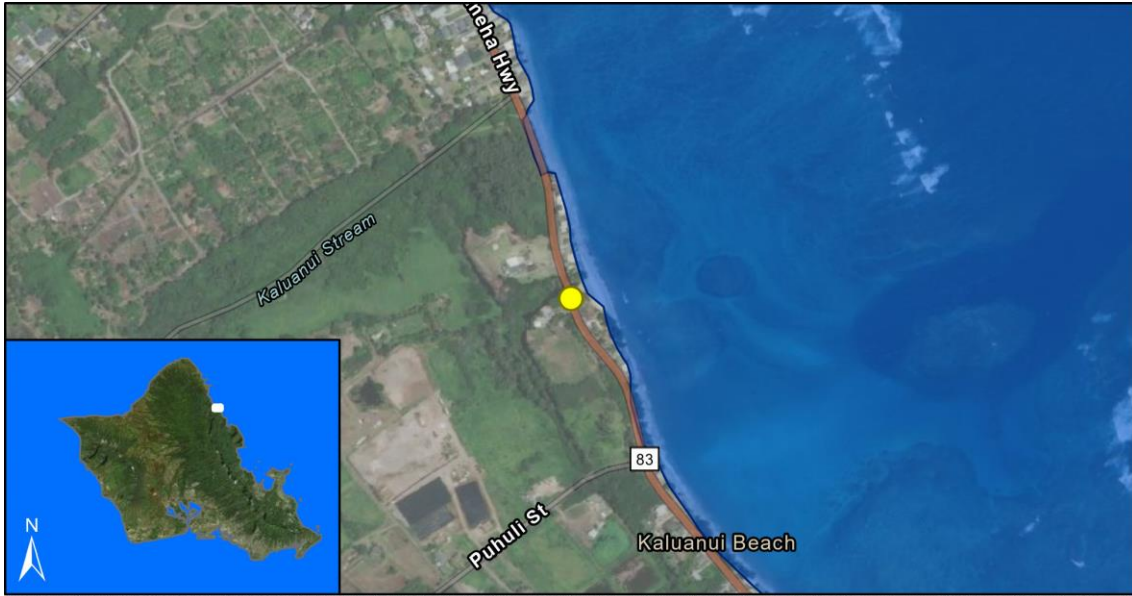
Agency Responsible for Carrying Out Project/Phase:

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)	
ADVCON	0	3,400	-3,400	0	3,000	-3,000	0	5,000	-5,000	0	0	0	0	0	0	0	0	0	NHPP
Total	0	3,400	-3,400	0	3,000	-3,000	0	5,000	-5,000	0	0	0	0	0	0	0	0	0	

OS29 Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge



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:

Replace the existing bridge.

Mile Post/s: Kamehameha Highway: MP 22.50 to 22.70

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS29

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$20,000,000

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)	
CON	0	0	0	0	0	0	19,278	2,422	16,856	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	7,000	-7,000	0	3,000	-3,000	0	3,000	-3,000	NHPP
Total	0	0	0	0	0	0	19,278	2,422	16,856	0	7,000	-7,000	0	3,000	-3,000	0	3,000	-3,000	

OS31 Kamehameha Highway (Route 83), Bridge Replacement, Laieloa Stream Bridge



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:

Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.

Mile Post/s: Kamehameha Highway: MP 18.31

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS31

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$17,000,000

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)	
ROW	0	0	0	735	588	147	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	14,280	1,124	13,156	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	2,300	-2,300	0	2,000	-2,000	0	4,000	-4,000	0	0	0	NHPP
Total	0	0	0	15,015	1,712	13,303	0	2,300	-2,300	0	2,000	-2,000	0	4,000	-4,000	0	0	0	

OS34 Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Stream Bridge



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:

Replace the existing bridge.

Mile Post/s: Kamehameha Highway: MP 34.31 to MP 34.51

Complete Streets (CS):

Project will implement: Bicycle and pedestrian facilities will be included when feasible.

Existing Feature/s: No information available.

ORTP Project #: OS34

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$17,465,000

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)

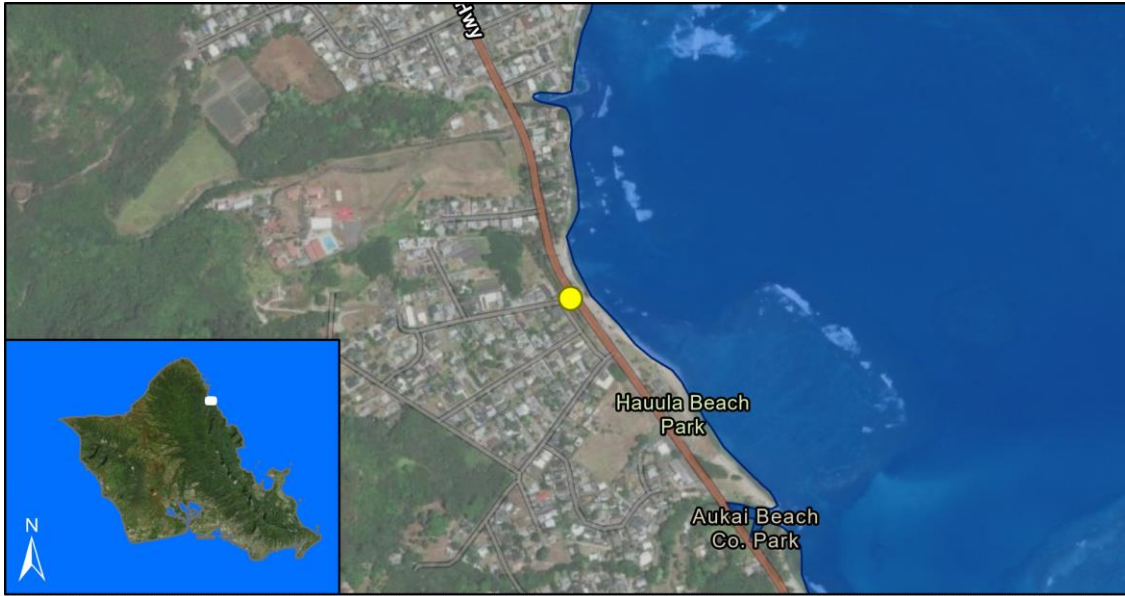
Agency Responsible for Carrying Out Project/Phase:

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)	
ROW	0	0	0	0	0	0	643	514	129	0	0	0	0	0	0	0	0	0	NHPP
PE2/CON	0	0	0	0	0	0	16,601	3,281	13,320	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	5,000	-5,000	0	5,000	-5,000	0	0	0	NHPP
Total	0	0	0	0	0	0	17,244	3,795	13,449	0	5,000	-5,000	0	5,000	-5,000	0	0	0	

OS36 Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge



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:

Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.

Mile Post/s: Kamehameha Highway: MP 21.12

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS36

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$12,550,000

Total Project Cost Notes:

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

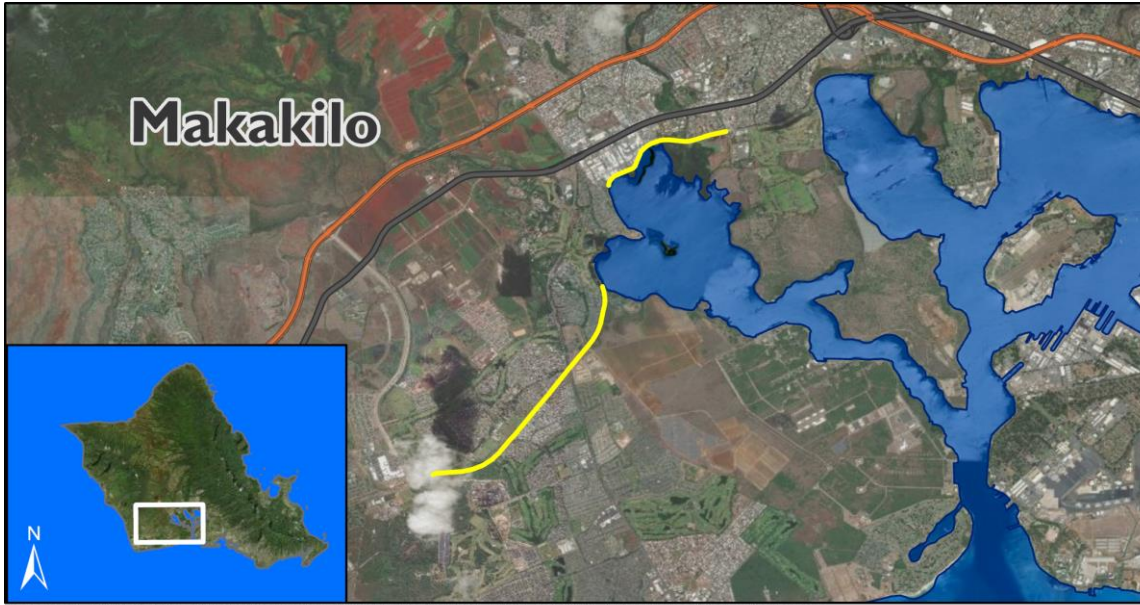
Project Sponsor: State of Hawaii (FHWA Funded)

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)	
PE2	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	1,050	840	210	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	10,500	400	10,100	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	6,000	-6,000	0	2,000	-2,000	0	0	0	NHPP
Total	0	0	0	0	0	0	12,550	2,040	10,510	0	6,000	-6,000	0	2,000	-2,000	0	0	0	



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

Project Description:

Improve the bikeway/bike path from Philippine Sea Road to Waipahu Depot Street.

Mile Post/s: Not applicable.

Complete Streets (CS):

Project will implement: Bicycling facilities.

Existing Feature/s: No information available.

ORTP Project #: O-21-1

Neighborhood(s): Waipahu, Ewa, Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$11,000,000

Total Project Cost Notes:

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

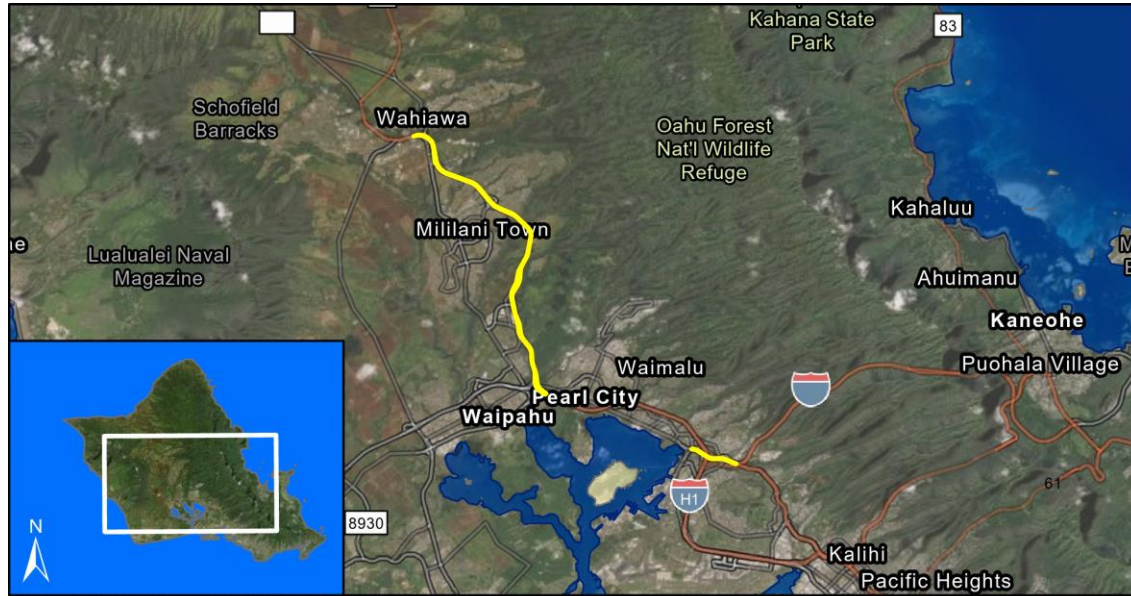
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

													FOR INFORMATION ONLY						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)	
ADVCON	0	3,457	-3,457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Enhance
Total	0	3,457	-3,457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS44 Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements, 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 the existing guardrails. Reconstruct and pave road shoulders.

Mile Post/s: Moanalua Freeway: MP 0.00 to MP 0.74, H-2 Freeway: MP 0.00 to MP 8.33

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: No information available.

ORTP Project #: OS44

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$23,000,000

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)

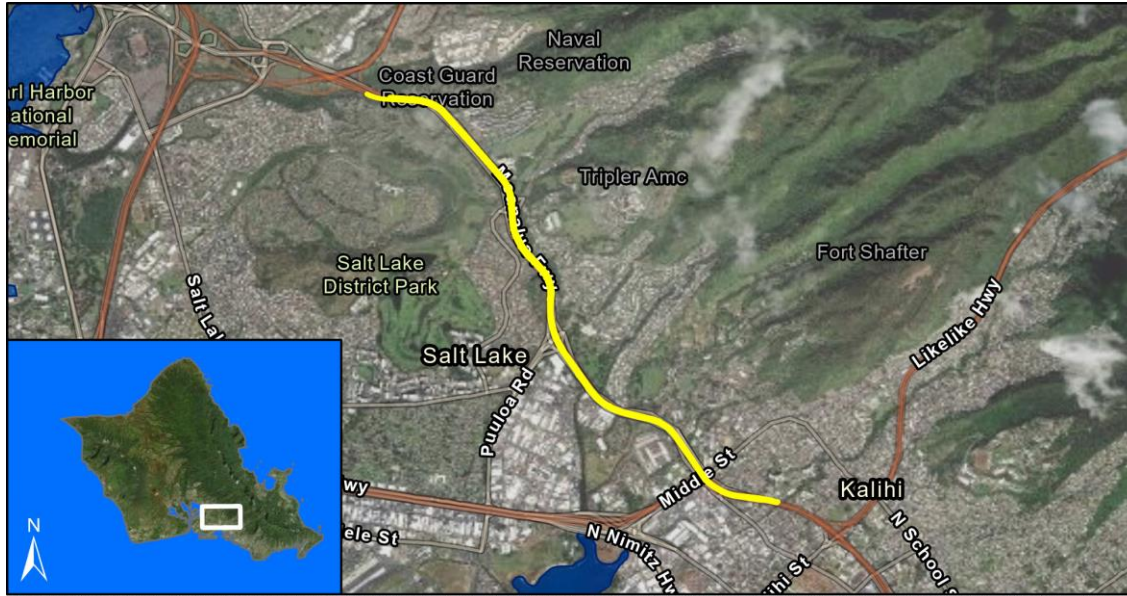
Agency Responsible for Carrying Out Project/Phase:

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 2																			
ADVCON	0	7,700	-7,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	7,700	-7,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS45 Moanalua Freeway (route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to Middle Street Overpass



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:

Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).

Mile Post/s: Moanalua Freeway: MP 1.12 to MP 4.09

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS45

Neighborhood(s): Various Locations

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

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 2																			
ADVCON	0	7,000	-7,000	0	3,000	-3,000	0	2,000	-2,000	0	0	0	0	0	0	0	0	0	NHPP
Total	0	7,000	-7,000	0	3,000	-3,000	0	2,000	-2,000	0	0	0	0	0	0	0	0	0	

OS46 Moanalua Freeway (Route H-201), Highway Lighting Improvements, MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)



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:

Installation of new highway lighting system consist of new light poles and conduits, LED fixtures, trenching for conduits, conduits, foundations/barriers, power equipment, erosion control, and traffic control.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS46

Neighborhood(s): Aiea

Estimated Total Project Cost: \$9,500,000

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)

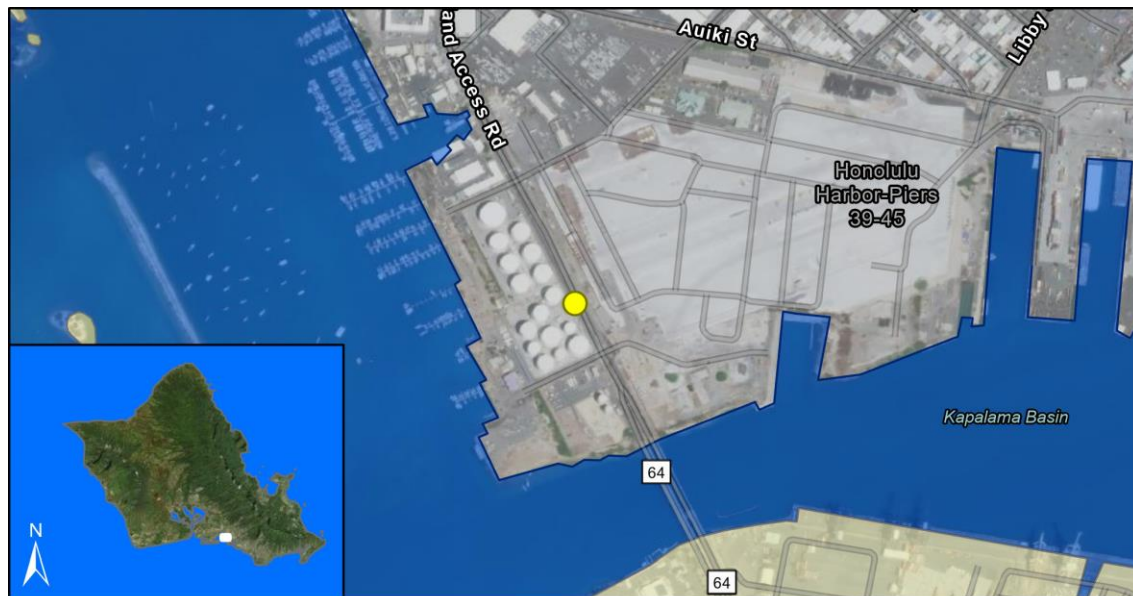
Agency Responsible for Carrying Out Project/Phase:

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)	
ADVCON	0	7,000	-7,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	7,000	-7,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS52 Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal



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:

To design, construct and operate a truck weigh station to perform truck inspections and driver credential checks at the egress of the container terminal on Sand Island Access Road. The work includes auxiliary lanes to accommodate truck vehicles, traffic controls, truck weighing infrastructure and computer hardware/ software, operator kiosk/ office.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS52

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$11,000,000

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						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)	
ADVCON	0	3,000	-3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	3,000	-3,000	0	0	0	0	0	0	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:

These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS57

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$2,100,000

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						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)	
OPR	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	NHPP
Total	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	

OS61 Kamehameha Highway (Route 83) Realignment, Vicinity of Kawaiiloa Beach



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:
 Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.

Mile Post/s:

Complete Streets (CS):
Project will implement: No information available.
Existing Feature/s: No information available.

ORTP Project #: OS61

Neighborhood(s): North Shore

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

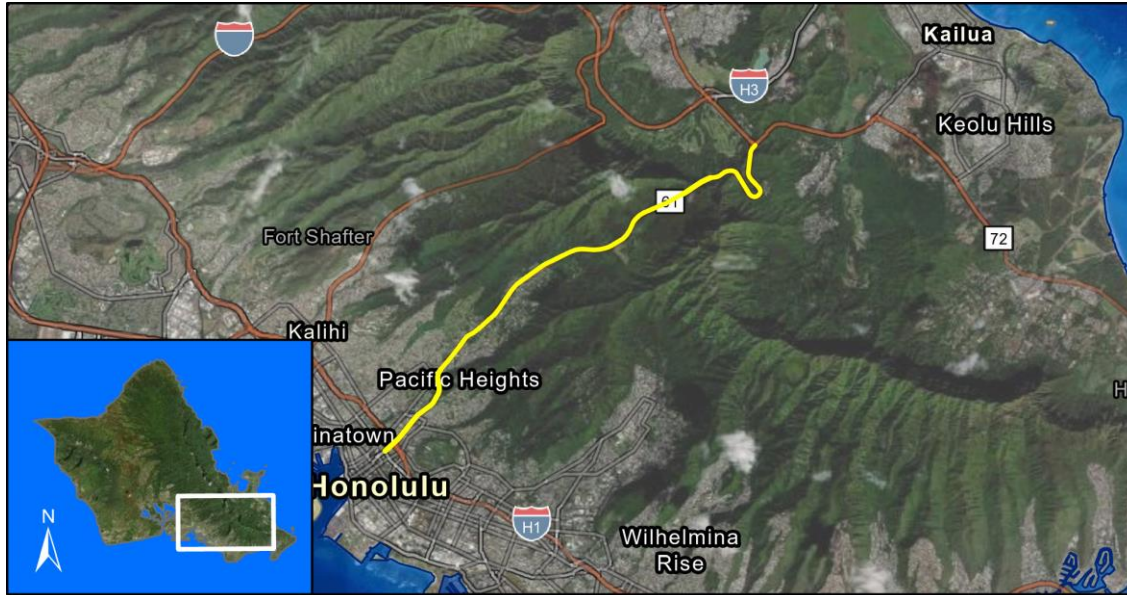
Total Project Cost Notes:
 (May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
 Hawaii Department of Transportation

Phase	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	
	(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)	
ROW	0	0	0	1,020	0	1,020	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	0	0	1,020	0	1,020	0	0	0	0	0	0	0	0	0	0	0	0	

OS62 Pali Hwy (Rte 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Rte 98) to Kamehameha Hwy (Rte 83)



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:

Scope of work includes but is not limited to cold planning, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS62

Neighborhood(s): Nuuanu-Punchbowl

Estimated Total Project Cost: \$119,500,000

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)

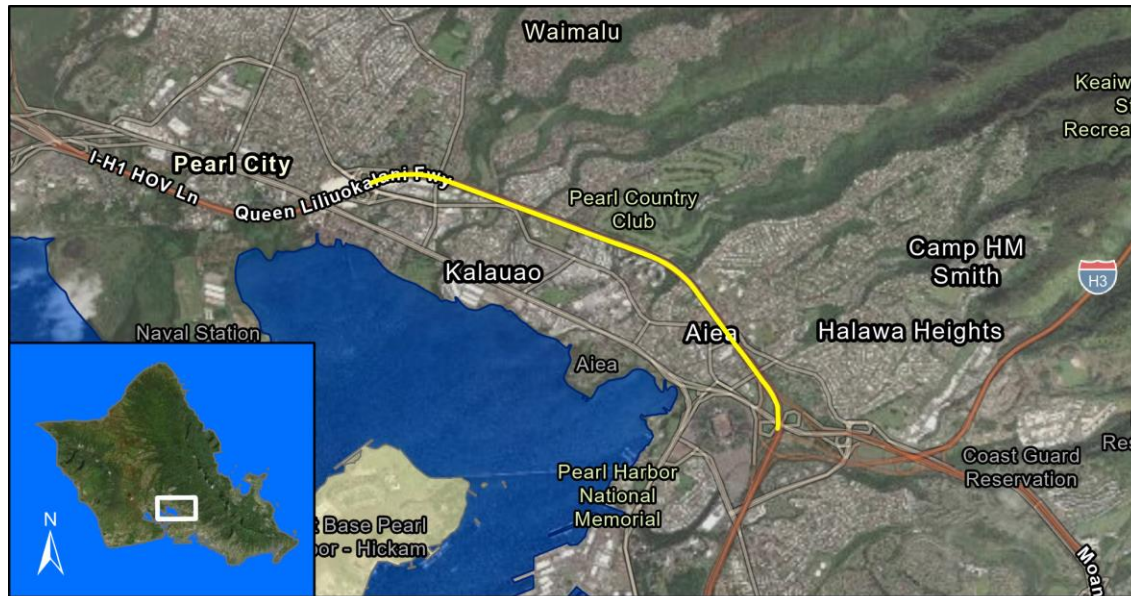
Agency Responsible for Carrying Out Project/Phase:

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 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurf. Waokanaka St. to Kamehameha Hwy																			
ADVCON	0	2,150	-2,150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 2 - Resurfacing, Vineyard Blvd to Waokanaka St																			
ADVCON	0	7,000	-7,000	0	3,000	-3,000	0	4,000	-4,000	0	0	0	0	0	0	0	0	0	NHPP
Total	0	9,150	-9,150	0	3,000	-3,000	0	4,000	-4,000	0	0	0	0	0	0	0	0	0	

OS67 Interstate Route H-1, Reconstruction and Repair, Eastbound, Waimalu Interchange to Halawa



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:

Rehabilitate or reconstruct Portland concrete pavement. Widen to improve shoulders and travel way.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS67

Neighborhood(s): Aiea, Pearl City

Estimated Total Project Cost: \$93,000,000

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)	
ADVCON	0	300	-300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	300	-300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



Project Description:

Scope includes, but is not limited to, the installation of milled rumble strips or rumble edge stripes on shoulders/median; installation of milled rumble strips on centerline; widening shoulders where possible; installation of speed feedback sign; installation of concrete median barrier at U-turn; and installation of pavement markings and signage.

Mile Post/s:

MP 0 to MP 4.4

Complete Streets (CS):

Project will implement:

No information available.

Existing Feature/s:

No information available.

ORTP Project #:

OS69

Neighborhood(s):

Waianae Coast

Estimated Total Project Cost:

\$7,200,000

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						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		
(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)		
Phase																			
CON	7,000	6,300	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
Total	7,000	6,300	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS70 Interstate Route H-1, Seismic Retrofit, Waialae Viaduct



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:

Retrofit interchange structures to meet current seismic standards.

Mile Post/s: MP 26.50 to MP 26.90

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS70

Neighborhood(s): Waialae-Kahala, Kaimuki

Estimated Total Project Cost: \$7,764,000

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)

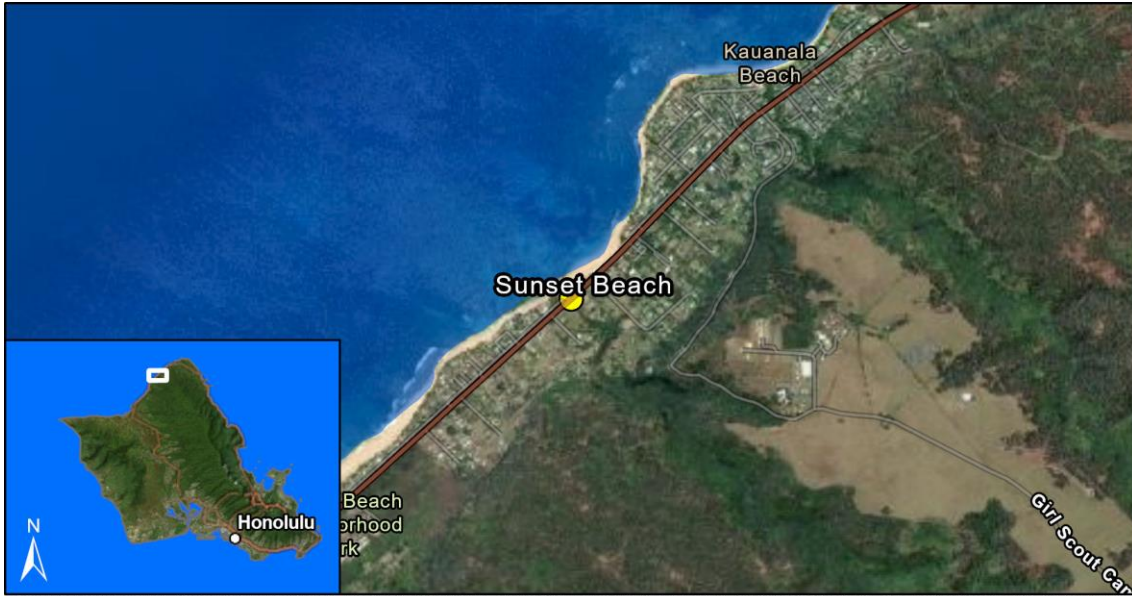
Agency Responsible for Carrying Out Project/Phase:

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)	
PE2	0	0	0	0	0	0	261	209	52	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	4,000	200	3,800	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	0	0	0	0	0	NHPP
Total	0	0	0	0	0	0	4,261	409	3,852	0	3,000	-3,000	0	0	0	0	0	0	

OS71 Kamehameha Highway (Route 83), Bridge Rehabilitation, Paumalu Bridge



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:

Rehabilitate the existing bridge on Kamehameha Highway.

Mile Post/s: MP 8.52 to MP 8.53

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS71

Neighborhood(s): North Shore

Estimated Total Project Cost: \$11,960,000

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)	
PE1	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	450	360	90	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	600	480	120	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	8,000	2,000	NHPP
Total	0	0	0	0	0	0	1,000	800	200	450	360	90	600	480	120	10,000	8,000	2,000	

OS72 Kamehameha Highway (Route 83), Bridge Replacement, Waimanana Bridge



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

Project Description:

Replace the existing bridge.

Mile Post/s: MP 22.21 to MP 22.22

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS72

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$11,520,000

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)

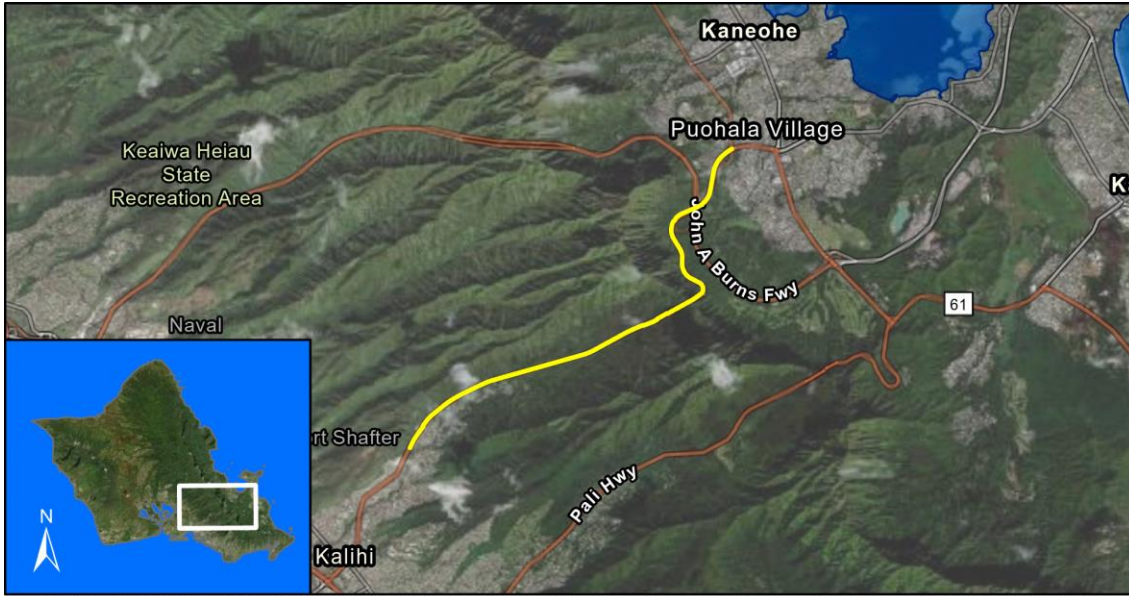
Agency Responsible for Carrying Out Project/Phase:

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)	
PE1	0	0	0	0	0	0	733	586	147	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	1,048	838	210	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	833	666	167	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	0	0	0	0	0	733	586	147	1,048	838	210	833	666	167	0	0	0	

OS73 Likelike Highway (Route 63), Rehabilitation and Safety Improvements, Emmeline Place to Kahekili Highway



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:

Includes, but is not limited to the installation of milled rumble strips or rumble edge stripes on shoulders where possible, high friction surface treatment, speed feedback sign, guardrail end treatment, in-lane pavement markers, LED speed limit signs and chevrons, widen paved shoulders where possible, pavement markings, and signing.

Mile Post/s: MP 2.70 to MP 8.30

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS73

Neighborhood(s): Kalihi Valley, Kaneohe

Estimated Total Project Cost: \$25,000,000

Total Project Cost Notes:

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

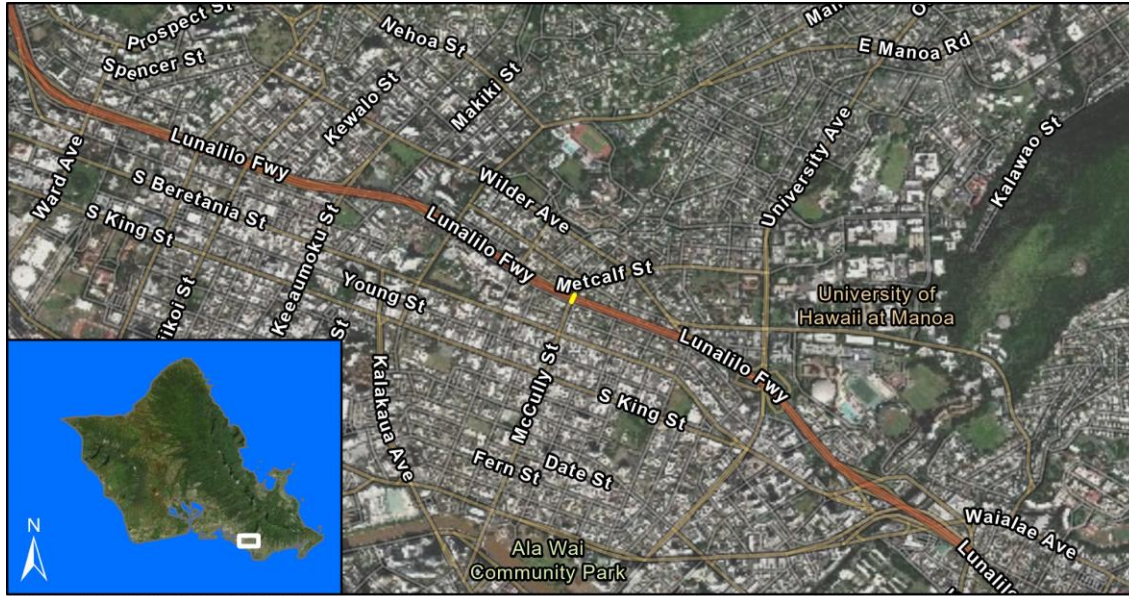
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						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)	FFY 2026			FFY 2027			
													Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	6,000	4,800	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	18,000	7,400	10,600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	3,000	-3,000	0	4,000	-4,000	0	0	0	0	0	0	0	0	0	NHPP
Total	24,000	12,200	11,800	0	3,000	-3,000	0	4,000	-4,000	0	0	0	0	0	0	0	0	0	

OS74 Interstate Route H-1, Seismic Retrofit, McCully Street Separation



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:

Retrofit interchange structures to meet current seismic standards.

Mile Post/s: MP 23.50

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS74

Neighborhood(s): McCully-Moiliili

Estimated Total Project Cost: \$3,500,000

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)	
PE1	0	0	0	435	348	87	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	462	370	92	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,550	2,040	510	0	0	0	NHPP
Total	0	0	0	435	348	87	0	0	0	462	370	92	2,550	2,040	510	0	0	0	

OS75 Kamehameha Highway (Route 83), Rockfall Protection, Waimea Bay



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:

Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 6.2).

Mile Post/s: MP 5.4 to MP 6.2

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS75

Neighborhood(s): North Shore

Estimated Total Project Cost: \$35,450,000

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)	
Haleiwa																			
PE2	0	0	0	0	0	0	0	0	0	900	720	180	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	15,000	6,600	8,400	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,400	-5,400	NHPP
Sunset Beach																			
PE1	0	0	0	750	600	150	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	8,000	3,400	4,600	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	0	0	0	0	0	NHPP
Waimea Bay																			
ROW	0	0	0	0	0	0	0	0	0	563	450	113	0	0	0	0	0	0	NHPP
Total	0	0	0	750	600	150	8,000	3,400	4,600	1,463	4,170	-2,707	15,000	6,600	8,400	0	5,400	-5,400	

OS76 Bridge Rehabilitation Program, Various Locations TBD by the BrM (Bridge Management System)



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

Project Description:

Rehabilitate bridges.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS76

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$41,390,000

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

Phase	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	
	(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)	
Various Locations TBD by BrM																			
PE1	0	0	0	500	0	500	1,200	960	240	1,200	960	240	1,200	960	240	1,200	960	240	NHPP
PE2	0	0	0	0	0	0	1,000	800	200	1,200	960	240	1,200	960	240	1,200	960	240	NHPP
ROW	0	0	0	0	0	0	500	0	500	330	264	66	330	264	66	330	264	66	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	15,000	12,000	3,000	15,000	12,000	3,000	NHPP
Total	0	0	0	500	0	500	2,700	1,760	940	2,730	2,184	546	17,730	14,184	3,546	17,730	14,184	3,546	

OS77 Bridge Replacement Program, Various Locations TBD by the BrM (Bridge Management System)



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

Project Description:

Replace bridges.

Mile Post/s:

Not applicable

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #:

OS77

Neighborhood(s):

Various Locations

Estimated Total Project Cost:

\$26,400,000

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)	
Various Locations TBD by BrM																			
PE1	0	0	0	400	0	400	400	0	400	400	0	400	400	0	400	400	0	400	NHPP
PE2	0	0	0	0	0	0	600	0	600	600	0	600	600	480	120	600	480	120	NHPP
ROW	0	0	0	0	0	0	500	0	500	500	0	500	500	0	500	500	0	500	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,000	8,000	2,000	10,000	8,000	2,000	NHPP
Total	0	0	0	400	0	400	1,500	0	1,500	1,500	0	1,500	11,500	8,480	3,020	11,500	8,480	3,020	



Project Description:
Seismic Retrofit of bridges.

Mile Post/s: Not applicable

Complete Streets (CS):
Project will implement: No information available.
Existing Feature/s: No information available.

ORTP Project #: OS78

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$19,400,000

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

Phase	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	
	(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)	
Various Locations TBD by Seismic Retrofit Management Program																			
PE1	0	0	0	400	0	400	400	0	400	400	0	400	400	0	400	400	0	400	NHPP
PE2	0	0	0	0	0	0	600	0	600	600	0	600	600	480	120	600	480	120	NHPP
CON	0	0	0	0	0	0	0	0	0	5,000	0	5,000	5,000	4,000	1,000	5,000	4,000	1,000	NHPP
Total	0	0	0	400	0	400	1,000	0	1,000	6,000	0	6,000	6,000	4,480	1,520	6,000	4,480	1,520	



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

Project Description:

Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Oahu District Sub-Program.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS79

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$70,000,000

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						
	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category
	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)	(x\$1000)
Priority 1 (Immediate/Short-Term) - Kamehameha Hwy, Experimental Sandsaver Installation - Kualoa																			
CON	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	NHPP
Priority 1 (Immediate/Short-Term) - Kamehameha Hwy, Shoreline Mitigation - Kaaawa Elementary																			
CON	0	0	0	0	0	0	3,150	2,520	630	0	0	0	0	0	0	0	0	0	NHPP
Priority 1, Phase 1 - Kamehameha Hwy, Shoreline Mitigation - Kualoa, Kaaawa, Punaluu, Hauula (KKPH)																			
PE2	0	0	0	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	200	160	40	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,000	6,800	23,200	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Priority 1, Phase 2 - Kamehameha Hwy, Shoreline Mitigation - Kualoa, Kaaawa, Punaluu, Hauula (KKPH)																			
PE2	0	0	0	0	0	0	0	0	0	0	0	0	1,500	1,200	300	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	550	440	110	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Priority 2 (Mid/Long-Term) - Farrington Hwy, Coastal Hwy Mitigation - Keaau Stream Bridge																			

OS79 Shoreline Protection/Mitigation Program

													FOR INFORMATION ONLY							
	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)	Funding Category	
Priority 2 (Mid/Long-Term) - Farrington Hwy, Coastal Hwy Mitigation - Keaau Stream Bridge																				
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	600	480	120	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Priority 2 (Mid/Long-Term) - Kalanianaʻole Hwy, Coastal Hwy Mitigation - Kaupo Cave																				
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	0	0	0	0	0	4,150	3,320	830	1,700	1,360	340	2,650	2,120	530	30,000	6,800	23,200		



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

Project Description:

Upgrade signal equipment to improve programming and optimization, to help improve traffic flow, reduce congestion, and prevent failures & downtime. Upgrades include replace old/damaged signal poles, underground conduits & wiring, signal controllers, and other equipment.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS80

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$81,500,000

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						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)	
CON (2024) - ph 2, 2A, 2B, 2C : CON (2025) - ph 3 : CON (2026) - ph 4 and 4A : CON (2027) - ph 5																			
CON	0	0	0	0	0	0	27,000	500	26,500	7,500	1,000	6,500	25,000	20,000	5,000	11,500	9,200	2,300	STBG
ADVCON	0	0	0	0	0	0	0	0	0	0	6,600	-6,600	0	8,000	-8,000	0	11,500	-11,500	STBG
PE1/2 (2023) - ph 2b and 2C : PE1/2 (2024) - ph 3 : PE1/2 (2025) - ph 4 and 4A : PE1/2 (2026) - ph 5																			
PE1/PE2	0	0	0	4,500	3,600	900	1,500	200	1,300	5,000	3,000	2,000	2,500	500	2,000	0	0	0	STBG
ADVCON	0	0	0	0	0	0	0	0	0	0	1,000	-1,000	0	1,000	-1,000	0	2,000	-2,000	STBG
Total	0	0	0	4,500	3,600	900	28,500	700	27,800	12,500	11,600	900	27,500	29,500	-2,000	11,500	22,700	-11,200	

OS82 Interstate Route H-1 Improvements, Eastbound, Ola Lane Overpass to Vineyard Boulevard



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:

Eastbound Operational/congestion improvements, and structural improvements to bridges within the limits.

Mile Post/s: 18.97 - 20.25

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OS82

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$90,000,000

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	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	
	(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)	
CON	0			84,000	2,000	82,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	8,000	-8,000	0	5,000	-5,000	0	24,200	-24,200	0	28,000	-28,000	NHPP
Total	0	0	0	84,000	2,000	82,000	0	8,000	-8,000	0	5,000	-5,000	0	24,200	-24,200	0	28,000	-28,000	

OS84 Kamehameha Highway (Route 83) Intersection Improvements at Kahekili Highway



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

Project Description:
 Modify existing intersection and roadway approaches to a roundabout configuration. Improvement also includes a drainage system, curb and gutter, sidewalks, pavement markings and signing.

Mile Post/s: 36.19 to 36.41

Complete Streets (CS):
Project will implement: Improvements will also include drainage system, curb, and sidewalks.
Existing Feature/s: No information available.

ORTP Project #: O-21-6

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$6,400,000

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						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		
(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)		
Phase																			
CON	5,900	4,720	1,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP	
Total	5,900	4,720	1,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

OS-21-45 Pali Highway, Rockfall Mitigation, Vicinity of MP 5.9 to MP 6.55



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:

Mitigate past rockfall events and prevent future damage to the roadway infrastructure.

Mile Post/s: MP 5.9 to 6.55

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-45

Neighborhood(s): Kaneohe, Kailua

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: State of Hawaii (FHWA Funded)

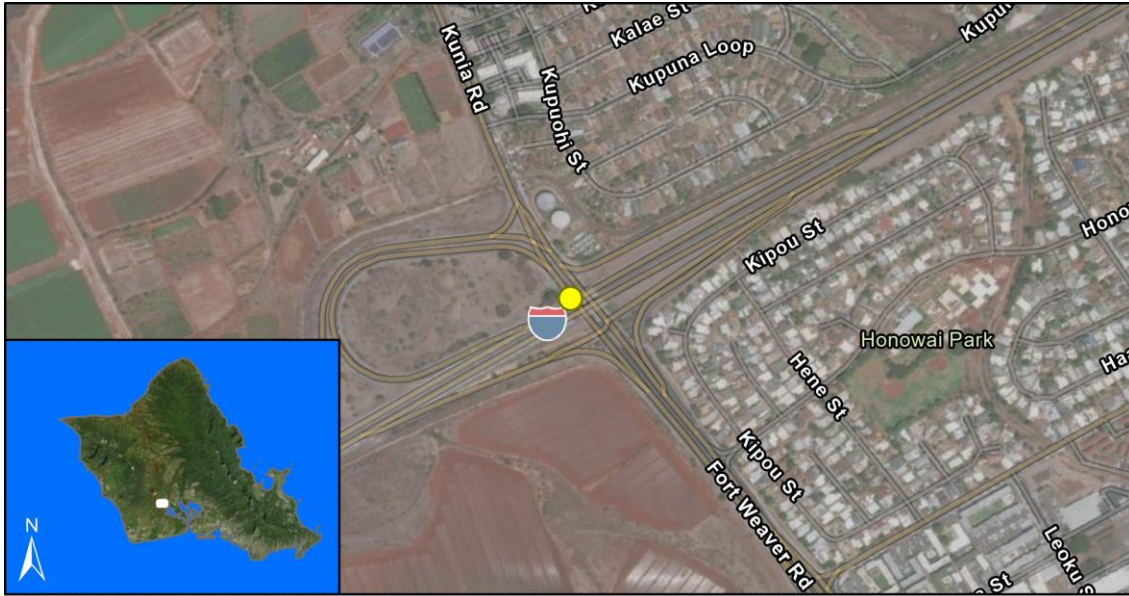
Agency Responsible for Carrying Out Project/Phase:

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)	
PE1	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	640	160	NHPP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	80	20	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	900	720	180	

OS-21-46 Interstate Route H-1, Kunia Interchange Improvements



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:

Improve capacity and congestion at Kunia Interchange due to the following issues: 1. Bottlenecks at high volume ramps due to merging or diverging of traffic from the mainline to/from the interchange ramp; and 2. A heavy mauka bound right turn movement to the eastbound H-1 on-ramp, as well as a heavy makai bound left-turn movement to the H-1 eastbound on-ramp. Improvements could include widening Ft. Weaver Road between S. Kapuna Loop and Farrington Highway and/or adding/adjusting ramps in the Kunia IC.

Mile Post/s: MP 5.0 - 6.0 (Route H1) and MP 6.0-6.5 (Route 76)

Complete Streets (CS):

Project will implement: There will be separate facilities for pedestrians and bicyclist traveling on the Kunia Road segment of the interchange.

Existing Feature/s: No information available.

ORTP Project #: O-21-46

Neighborhood(s): Waipahu, Ewa

Estimated Total Project Cost: \$160,000,000

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)	
PE1	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local
Total	1,500	0	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS-21-47 Interstate Route H-1 Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue



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:

Upgrade highway lighting to standards. Installation of new highway lighting system consist of new light poles and conduits, LED fixtures, trenching for conduits, conduits, foundations/barriers, power equipment, erosion control, and traffic control.

Mile Post/s: MP 12.83 to MP 19

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: O-21-47

Neighborhood(s): Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$40,000,000

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 MP 12.83 to MP 16																			
CON	0	0	0	0	0	0	30,000	5,000	25,000	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	6,000	-6,000	0	10,000	-10,000	NHPP
Phase 2 MP 16 to MP 19																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,240	4,992	1,248	NHPP
Total	0	0	0	0	0	0	30,000	5,000	25,000	0	3,000	-3,000	0	6,000	-6,000	6,240	14,992	-8,752	

OS-21-49 Harbor Access Road (Route 94)



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:

Scope could include but is not limited to the design and construction of new 4 lane divided concrete roadway, auxiliary lanes, sidewalks, bike lanes, traffic signals, intersections, associated utilities, grading, landscaping, and connections to future City roadways and drainage canal bridge crossing.

Mile Post/s:

Complete Streets (CS):

Project will implement: The project will include bicycle and pedestrians, such as bike lanes, sidewalks and ADA ramps.

Existing Feature/s: No information available.

ORTP Project #: O-21-49

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$142,000,000

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						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)	
PE2	0	0	0	0	0	0	0	0	0	7,000	0	7,000	0	0	0	0	0	0	Local
Phase 2																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36,000	0	36,000	Local
Total	0	0	0	0	0	0	0	0	0	7,000	0	7,000	0	0	0	36,000	0	36,000	

SITES TO BE
DETERMINED

Project Description:

Provide mitigation to help restore Halawa Valley to pre H-3 conditions as much as reasonably possible.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-50

Neighborhood(s): Aiea

Estimated Total Project Cost: \$5,500,000

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)

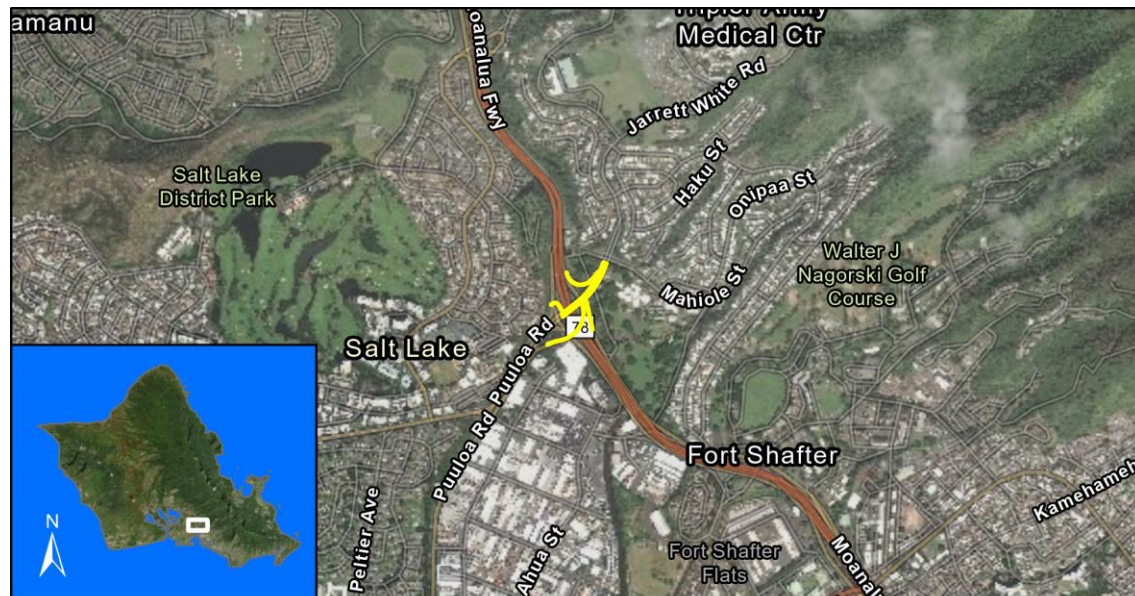
Agency Responsible for Carrying Out Project/Phase:

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)	
CON	0	0	0	0	0	0	0	0	0	5,200	2,160	3,040	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	-2,000	0	0	0	NHPP
Total	0	0	0	0	0	0	0	0	0	5,200	2,160	3,040	0	2,000	-2,000	0	0	0	

OS-21-51 Moanalua Freeway, (Interstate Route H-201) Seismic Retrofit, Puuloa Interchange (Five Structures)



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:

Retrofit interchange structures to meet current seismic standards. All bridges identified to be potentially vulnerable to earthquake damage/collapse need to be analyzed and designed for retrofitting strategies to prevent their collapse during a credible earthquake. The type and scope of the retrofit work can only be determined through the analysis.

Mile Post/s: MP 2.68 to 2.94

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: O-21-51

Neighborhood(s): Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$15,000,000

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)	
PE1	0	0	0	0	0	0	1,050	840	210	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	1,654	1,323	331	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	12,000	7,600	4,400	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	-2,000	NHPP
Total	0	0	0	0	0	0	1,050	840	210	0	0	0	13,654	8,923	4,731	0	2,000	-2,000	

OS-21-52 Likelike Highway (Route 63) Seismic Retrofit, Kalihi Stream Bridges



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:

Retrofit bridge structures to meet current seismic standards. All bridges identified to be potentially vulnerable to earthquake damage/collapse need to be analyzed and designed for retrofitting strategies to prevent their collapse during a credible earthquake. The type and scope of the retrofit work can only be determined through the analysis.

Mile Post/s: MP 1.6 to 1.75

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: O-21-52

Neighborhood(s): Kalihi Valley

Estimated Total Project Cost: \$11,300,000

Total Project Cost Notes:

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

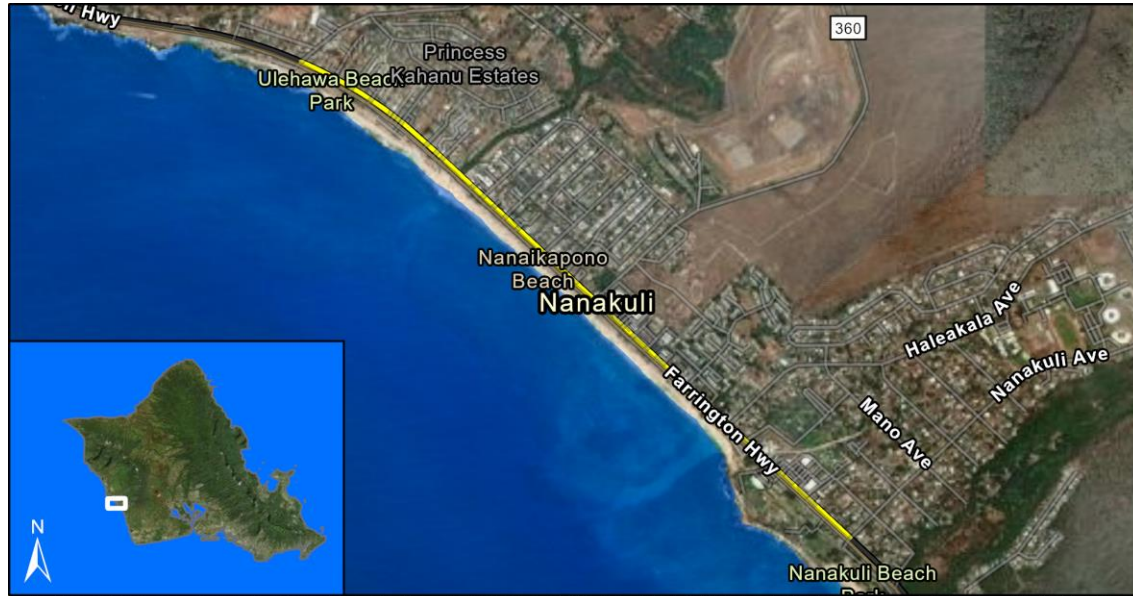
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

Phase													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				
	(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)				
PE1	0	0	0	0	0	0	0	0	0	710	568	142	0	0	0	0	0	0	NHPP			
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	620	496	124	NHPP			
Total	0	0	0	0	0	0	0	0	0	710	568	142	0	0	0	620	496	124				

OS-21-53 Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements



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 a 5th lane on Farrington Highway from Helelua Street to Mohihi Street and construct a new sidewalk from Hakimo Rd to Nanakuli Ave.

Mile Post/s: MP 5.62 to 6.32

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: O-21-53

Neighborhood(s): Nanakuli-Mailii

Estimated Total Project Cost: \$51,500,000

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)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	48,000	38,400	9,600	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,000	-5,000	NHPP
Total	0	0	0	0	0	0	0	0	0	0	0	0	48,000	38,400	9,600	0	5,000	-5,000	

OS-21-56 Interstate Route H-3, Halawa Valley Mitigation, Phase 2, Native Species Area to Tunnel Portal

**SITES TO BE
DETERMINED**

Project Description:

Provide mitigation to help restore Halawa Valley to pre H-3 conditions as much as reasonably possible.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-56

Neighborhood(s): Aiea

Estimated Total Project Cost: \$5,500,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	FFY 2026			FFY 2027			
	(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)	
CON	0	0	0	0	0	0	0	0	0	5,100	2,080	3,020	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	-2,000	0	0	0	NHPP
Total	0	0	0	0	0	0	0	0	0	5,100	2,080	3,020	0	2,000	-2,000	0	0	0	

OS-21-57 Fort Barrette Road Railroad Crossing Improvements



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:

The project includes upgrading the existing railroad crossing from asphalt to concrete, replacing the existing wooden tracks and ties, and installing new automated crossing gates and signals which will be synced with the new traffic signal at Roosevelt Avenue.

Mile Post/s: MP 0.2

Complete Streets (CS):

Project will implement: Marked crosswalks and pedestrian Indication (Signal)

Existing Feature/s:

ORTP Project #: O-21-57

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$2,750,000

Total Project Cost Notes:

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

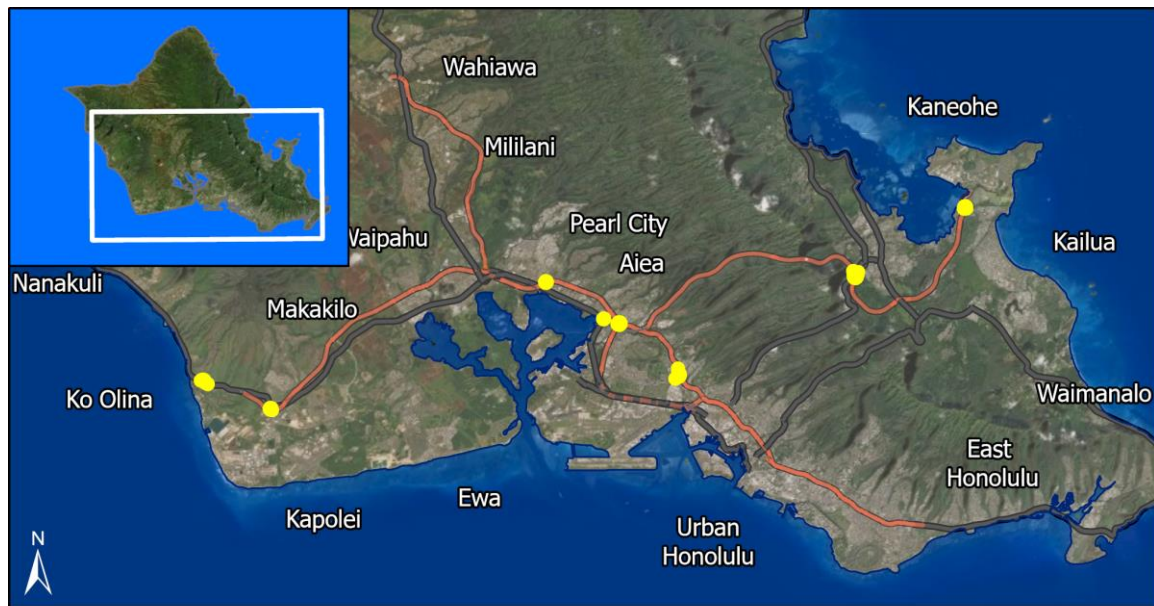
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

[illegible]

OS-22-58 High Friction Surface Treatment on Highway Ramps, Oahu



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

Project Description:

Installation of high friction surface treatments on 8 ramps at various locations on Oahu.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

ORTP Project #: O-21-13

Neighborhood(s): Aiea, Mokapu, Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$2,700,000

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)		
CON	2,200	1,980	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
Total	2,200	1,980	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS-22-59 Interstate Route H-3, Unit 7C



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

Project Description:

Improve access road from Halawa Valley Road to Gate 1 (next to Hawaiian Cement).

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No Information Available

ORTP Project #: O-21-13

Neighborhood(s): Aiea

Estimated Total Project Cost: \$4,400,000

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

Phase													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	
	(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)	
CON	4,100	3,280	820	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Total	4,100	3,280	820	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS-22-60 Adaptive Traffic Signal Control Technology & Traffic Signal Controller Installation at Various Locations, Oahu



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

Project Description:

Implement Adaptive Traffic Control Systems (ATCS) at various locations on Oahu. ATCS are a potential method of dealing with congestion, which adjusts signal timing to accommodate changing traffic patterns. Work may include providing and installing hardware, software, vehicle detection, and staff training.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-13

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$41,000,000

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						Funding Category	
Phase	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		
	(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)		
Phase I																				
CON	11,000	3,214	7,786	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Phase II																				
CON	26,289	0	26,289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
ADVCON	0	0	0	0	3,000	-3,000	0	4,617	-4,617	0	4,000	-4,000	0	10,000	-10,000	0	5,000	-5,000	0	STBG
Total	37,289	3,214	34,075	0	3,000	-3,000	0	4,617	-4,617	0	4,000	-4,000	0	10,000	-10,000	0	5,000	-5,000	0	

OS-22-61 Farrington Highway (Route 93) Bridge Rehabilitation, Ulehawa Stream Bridge



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:

Rehabilitate the existing bridge

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-13

Neighborhood(s): Nanakuli-Maili

Estimated Total Project Cost: \$25,720,000

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)

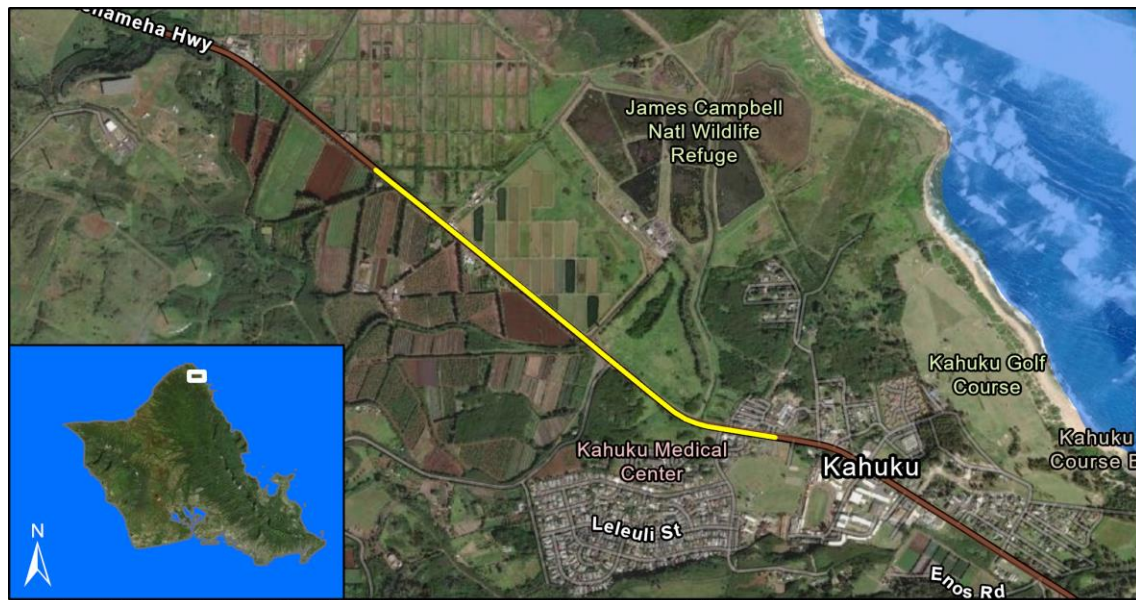
Agency Responsible for Carrying Out Project/Phase:

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																			
PE1	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	23,100	8,480	14,620	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	NHPP
Total	0	0	0	0	0	0	1,500	1,200	300	1,120	896	224	23,100	8,480	14,620	0	10,000	-10,000	

OS-22-63 Kamehameha Highway Wetland Enhancement at James Campbell National Wildlife Refuge



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:

Mitigation of wetland loss due to Haleiwa Bypass Road and the Kahekili Highway Widening projects.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-13

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$2,500,000

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						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)	
CON	0	0	0	0	0	0	2,500	2,000	500	0	0	0	0	0	0	0	0	0	STBG
Total	0	0	0	0	0	0	2,500	2,000	500	0	0	0	0	0	0	0	0	0	

OS-22-64 Whitmore Ave (RTE 7012) Sidewalk Improvements, Phase 2, Ihiihi Ave to Whitmore Community Center, MP 0.72 to MP 1.04



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:

Construct new PCC sidewalk and ramps, drainage facilities, utility relocations and adjustments, driveway adjustments.

Mile Post/s:

Complete Streets (CS):

Project will implement:

The purpose of the project is to improve pedestrian safety, accessibility, and mobility by replacing older existing asphalt path (i.e., roadway shoulder) with a new concrete sidewalk. There is a need to improve pedestrian facilities for safety, accessibility, and multimodal connectivity. The project will construct new PCC sidewalk and ramps, drainage facilities, utility relocations and adjustments, driveway adjustments.

Existing Feature/s:

Existing utilities may need to be adjusted and/or relocated to accommodate the new sidewalk alignment and/or elevation.

ORTP Project #: O-21-15

Neighborhood(s): Wahiawa

Estimated Total Project Cost: \$3,100,000

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)		
CON	0	0	0	2,800	2,240	560	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Total	0	0	0	2,800	2,240	560	0	0	0	0	0	0	0	0	0	0	0	0	0	

OS-23-65 Farrington Highway (Route 93), Bridge Rehabilitation, Mailiili Stream Bridge



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:

Rehabilitate Mailiili Stream Bridge.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-14

Neighborhood(s): Nanakuli-Maili

Estimated Total Project Cost: \$14,220,000

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)

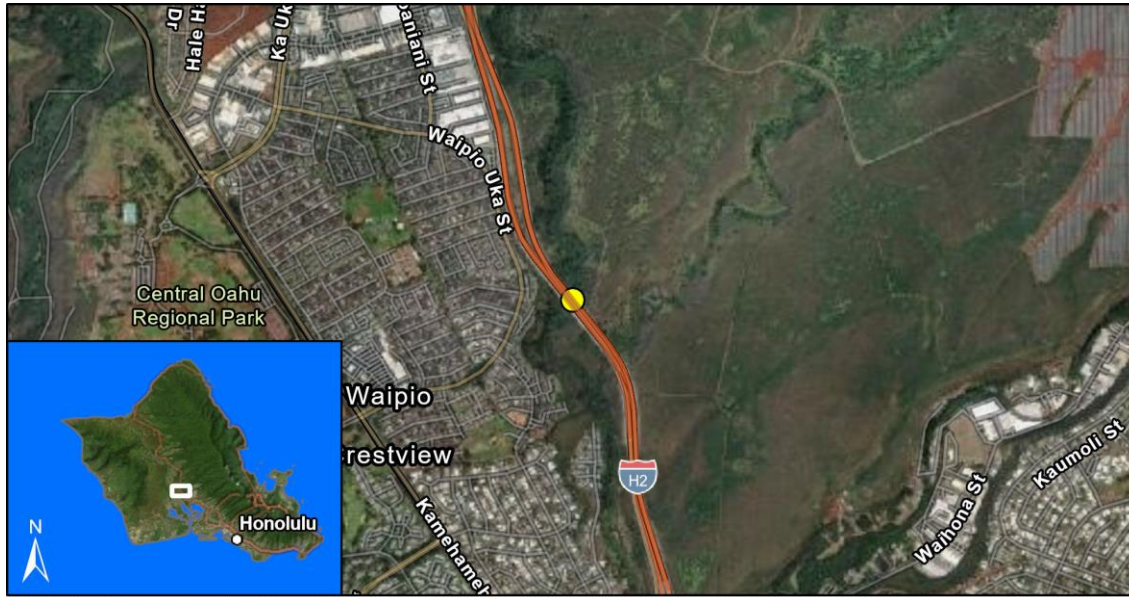
Agency Responsible for Carrying Out Project/Phase:

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)	
PE1	0	0	0	1,250	1,000	250	0	0	0	0	0	0	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	850	680	170	0	0	0	0	0	0	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	0	0	0	HIP-BFP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,000	600	11,400	HIP-BFP
Total	0	0	0	1,250	1,000	250	0	0	0	970	776	194	0	0	0	12,000	600	11,400	

OS-23-66 Interstate Route H-2, Panakauahi 3-144 and 4-144 Culvert Rehabilitation



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:

Rehabilitation of 3 144" and 4 144" culverts under H2.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: O-21-14

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$17,000,000

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						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)	
CON	0	0	0	0	0	0	16,000	800	15,200	0	0	0	0	0	0	0	0	0	HIP-BFP
ADVCON	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	0	6,000	-6,000	0	3,000	-3,000	HIP-BFP
Total	0	0	0	0	0	0	16,000	800	15,200	0	3,000	-3,000	0	6,000	-6,000	0	3,000	-3,000	

OS-23-67 Interstate Route H-3, Luluku Culvert Repair, Vicinity of Interstate Route H-3 (MP 8.67) and Likelike Hwy



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

Project Description:

Replacement and upgrade of culvert beneath the H-3 service road in Luluku

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-14

Neighborhood(s): Kaneohe

Estimated Total Project Cost: \$6,000,000

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)

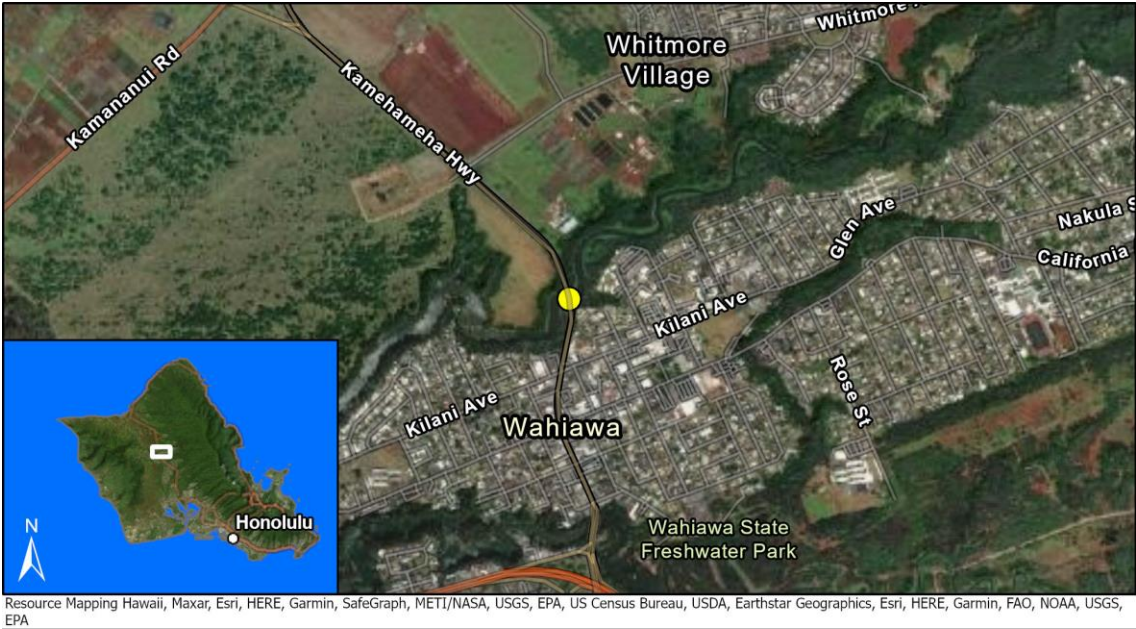
Agency Responsible for Carrying Out Project/Phase:

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)	
CON	0	0	0	0	0	0	5,000	500	4,500	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	1,500	-1,500	0	2,000	-2,000	0	0	0	NHPP
Total	0	0	0	0	0	0	5,000	500	4,500	0	1,500	-1,500	0	2,000	-2,000	0	0	0	

OS-23-68 Kamehameha Highway (Route 80), Bridge Rehabilitation, NF Kaukonahua (Karsten Thot) Bridge



Project Description:
Rehabilitate Karsten Thot Bridge.

Mile Post/s:

Complete Streets (CS):
Project will implement: Not applicable.
Existing Feature/s: Not applicable.

ORTP Project #: O-21-14

Neighborhood(s): Wahiawa

Estimated Total Project Cost: \$30,912,000

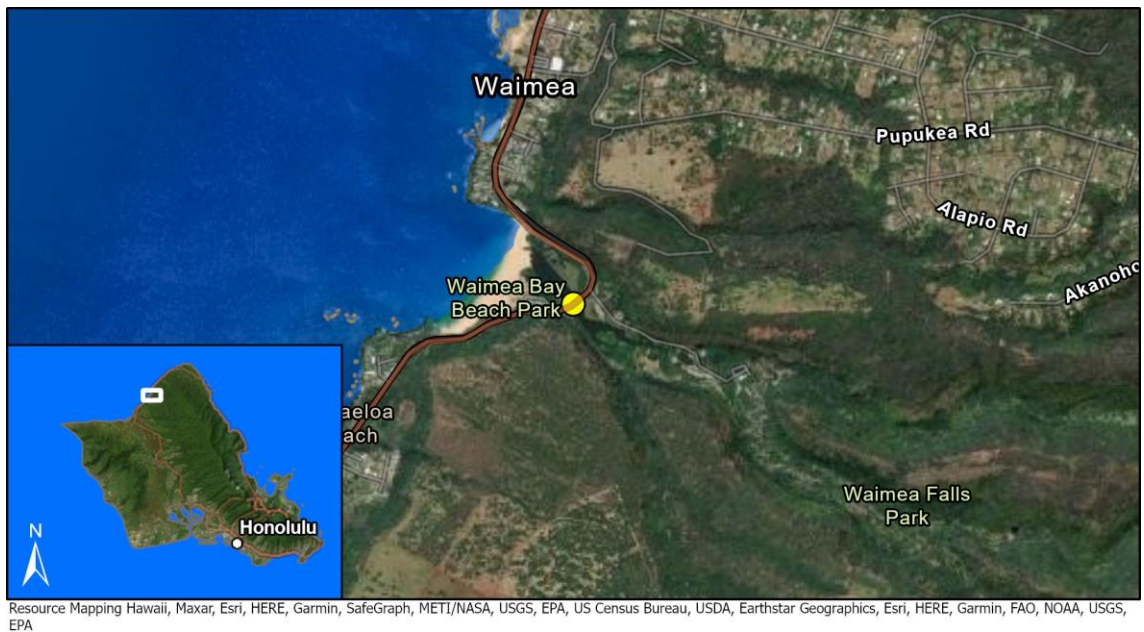
Total Project Cost Notes:
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

Phase	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	
	(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)	
PE1	0	0	0	0	0	0	2,500	2,000	500	0	0	0	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	1,300	1,040	260	0	0	0	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	112	90	22	0	0	0	HIP-BFP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,000	1,600	25,400	HIP-BFP
Total	0	0	0	0	0	0	2,500	2,000	500	0	0	0	1,412	1,130	282	27,000	1,600	25,400	

OS-23-69 Kamehameha Hwy (Route 83), Rehabilitation, Waimea Stream Bridge



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:

Rehabilitation of Waimea Stream Bridge

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-14

Neighborhood(s): North Shore

Estimated Total Project Cost: \$5,664,000

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)	
PE1	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	270	216	54	0	0	0	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	194	108	86	0	0	0	HIP-BFP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,200	360	3,840	HIP-BFP
Total	0	0	0	0	0	0	1,000	800	200	0	0	0	464	324	140	4,200	360	3,840	

OS-23-70 Likelike Highway (Rte 63), Tunnel Rehabilitation, Wilson Tunnels



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

Project Description:

Rehabilitation of Wilson Tunnels on Likelike Highway, Route 63.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-14

Neighborhood(s): Kalihi Valley

Estimated Total Project Cost: \$54,000,000

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																			
PE1	0	0	0	0	0	0	200	160	40	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	6,250	2,500	3,750	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	2,500	-2,500	0	0	0	0	0	0	NHPP
Phase 2																			
PE1	0	0	0	0	0	0	1,200	960	240	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	44,000	17,200	26,800	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,000	-18,000	NHPP
Total	0	0	0	0	0	0	8,150	4,020	4,130	1,120	3,396	-2,276	44,000	17,200	26,800	0	18,000	-18,000	

OS-23-71 Interstate Route H-1, McCully Street Separation Bridge Repair and Painting, Phase 1



Earthstar Geographics, Esri Community Maps Contributors, City and County of Honolulu, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, US Census Bureau, USDA, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, Resource Mapping Hawaii

Project Description:

The removal of rust and failed protective coating on steel girders, roller bearings, fixed bearings, and bridge railings. Repainting steel girders, roller bearings, fixed bearings, and bridge railings. Repair adhesion loss of transverse joints and punctured/missing sealant joints. Repair of debris impactation at joints. Replacement of corroded washers on the bridge railing.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-14

Neighborhood(s): McCully-Moiliili

Estimated Total Project Cost: \$12,100,000

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)

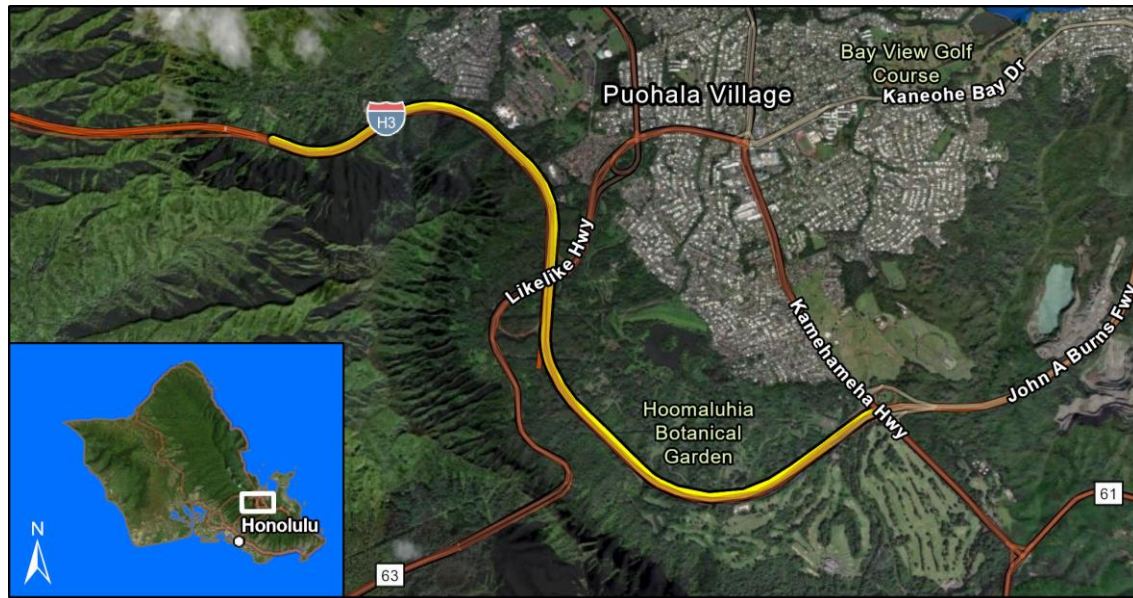
Agency Responsible for Carrying Out Project/Phase:

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)	
PE1	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	640	160	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	HIP-BFP
Total	0	0	0	0	0	0	0	0	0	1,000	800	200	120	96	24	800	640	160	

OS-23-72 Interstate Route H-3, Safety Improvements, Harano Tunnel North Portal to Kionaole Road Overpass



Resource Mapping Hawaii, Maxar, Earthstar Geographics, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, USDA

Project Description:

Scope includes, but is not limited to: installation of median milled rumble strips, shoulder milled rumble strips, pavement markings, and signing.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-15

Neighborhood(s): Kaneohe

Estimated Total Project Cost: \$3,500,000

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)	
PE1	0	0	0	0	0	0	250	225	25	0	0	0	0	0	0	0	0	0	HSIP
PE2	0	0	0	0	0	0	150	135	15	0	0	0	0	0	0	0	0	0	HSIP
Total	0	0	0	0	0	0	400	360	40	0	0	0	0	0	0	0	0	0	

OS-23-73 Kamehameha Highway (Route 83) Intersection Improvements at Waihee Road



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

Project Description:

Scope includes, but is not limited to: Roadway widening; Relocation of existing utilities, bus stops; Installation of curbs and ramps; Installation of guardrails and end treatments; Installation of pavement markings and signing.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-1

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$9,400,000

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)	
CON	0	0	0	0	0	0	0	0	0	7,000	600	6,400	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	5,000	-5,000	0	0	0	NHPP
Total	0	0	0	0	0	0	0	0	0	7,000	600	6,400	0	5,000	-5,000	0	0	0	

OS-23-74 Moanalua Freeway (Route 78), Aiea Interchange No. 2 Repair and Painting



Resource Mapping Hawaii, Maxar, Earthstar Geographics, Esri Community Maps Contributors, City and County of Honolulu, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, US Census Bureau, USDA, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

Project Description:

Rehabilitate or repair steel Superstructures; Paint steel Superstructures and Bearings; Perform general Preventative Maintenance (clean bridges and remove vegetation growth).

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-13

Neighborhood(s): Aiea

Estimated Total Project Cost: \$12,000,000

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)

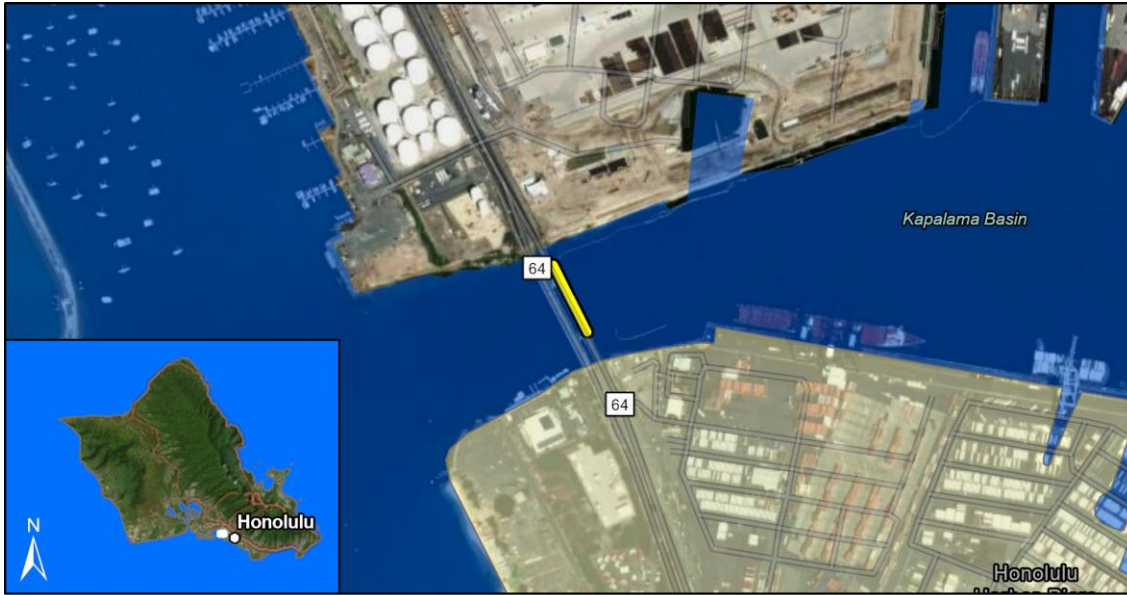
Agency Responsible for Carrying Out Project/Phase:

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)	
PE1	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	640	160	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	HIP-BFP
Total	0	0	0	0	0	0	0	0	0	1,000	800	200	120	96	24	800	640	160	

OS-23-75 Sand Island Access Road (Route 64), Honolulu Bascule Bridge Repair and Painting



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

Project Description:

Rehabilitate or repair steel Superstructures and braces; Paint steel Superstructures, Perform general Preventative Maintenance (clean bridge and provide measures to prevent growth of cracks).

Mile Post/s:

Complete Streets (CS):

Project will implement: Not Applicable.

Existing Feature/s: Not Applicable.

ORTP Project #: O-21-13

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$33,300,000

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)	
PE1	0	0	0	0	0	0	0	0	0	2,000	1,600	400	0	0	0	0	0	0	HIP-BFP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	800	200	HIP-BFP
ROW	0	0	0	0	0	0	0	0	0	0	0	0	120	96	24	0	0	0	HIP-BFP
Total	0	0	0	0	0	0	0	0	0	2,000	1,600	400	120	96	24	1,000	800	200	

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

Various Locations - Islandwide

Project Description:

Operations and management for the joint communications center behind the Alapai Transit Center which holds City, State & emergency response agencies.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC1

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$1,889,000

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

Phase													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	
	(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)	
OPR	238	190	48	263	210	53	300	240	60	338	270	68	375	300	75	375	300	75	STBG
Total	238	190	48	263	210	53	300	240	60	338	270	68	375	300	75	375	300	75	



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

Project Description:

An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.

Mile Post/s:

Complete Streets (CS):

Project will implement: Bikeway improvements; new bikeway projects; and bikeway upgrades.

Existing Feature/s: See Oahu Bicycle Master Plan.

ORTP Project #: OC2

Neighborhood(s): Island wide

Estimated Total Project Cost: \$20,829,000

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	0	0	0	219	175	44	1,339	1,071	268	0	0	0	STBG	
INSP	0	0	0	0	0	0	0	0	0	0	0	0	428	342	86	0	0	0	STBG	
Kailua-Lanikai Bike Path																				
PE1	0	0	0	0	0	0	0	0	0	563	451	112	0	0	0	0	0	0	STBG	
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204	163	41	STBG	
ROW	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	STBG	
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,020	816	204	0	0	0	STBG	
INSP	0	0	0	0	0	0	0	0	0	0	0	0	255	204	51	0	0	0	STBG	
Keolu Drive Complete Streets																				
PE1	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	STBG	
PE2	0	0	0	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	STBG	
CON	0	0	0	0	0	0	0	0	0	0	0	0	5,700	4,560	1,140	0	0	0	STBG	
INSP	0	0	0	0	0	0	0	0	0	0	0	0	1,425	1,140	285	0	0	0	STBG	
South Shore Bikeway (EW Transportation Corridor Planning)																				
PE1	0	0	0	0	0	0	3,000	2,400	600	3,000	2,400	600	0	0	0	0	0	0	HIP-CPF/CDS	

OC2 Bikeway Improvements Program

													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)	
South Shore Bikeway (EW Transportation Corridor Planning)																			
PE1	0	0	0	0	0	0	150	120	30	300	240	60	0	0	0	0	0	0	STBG
Waipahu Depot Shared Use Path																			
PE2	0	0	0	0	0	0	0	0	0	425	340	85	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,040	832	208	0	0	0	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	260	208	52	0	0	0	STBG
Total	0	0	0	1,000	800	200	3,150	2,520	630	5,008	4,006	1,002	11,467	9,173	2,294	204	163	41	



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

Project Description:

Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OC3

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$18,493,000

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						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)	
DES	1,780	1,200	580	3,640	2,400	1,240	2,913	1,952	961	2,880	1,930	950	3,640	2,400	1,240	3,640	2,400	1,240	Bridge OS
Total	1,780	1,200	580	3,640	2,400	1,240	2,913	1,952	961	2,880	1,930	950	3,640	2,400	1,240	3,640	2,400	1,240	

OC4 Computerized Traffic Control System



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

Project Description:

Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC4

Neighborhood(s): Island wide

Estimated Total Project Cost: \$10,577,000

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 16 Waianae																				
PE1	0	0	0	468	374	94	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	336	269	67	0	0	0	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	3,334	2,667	667	0	0	0	STBG
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	700	560	140	0	0	0	STBG
Phase 17 Maili																				
PE1	0	0	0	437	350	87	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	312	250	62	0	0	0	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,938	3,150	788	STBG
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,050	840	210	STBG
Total	0	0	0	905	724	181	648	519	129	0	0	0	0	4,035	3,227	808	4,989	3,990	999	



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

Project Description:

Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Mahoe/Waipahu Streets and Manager's Drive/Hiapo Street intersection.

Mile Post/s: Not applicable.

Complete Streets (CS):

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

Existing Feature/s: No information available.

ORTP Project #: OC8

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$7,050,000

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:

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)		
Mahoe and Waipahu Streets																				
CON	0	0	0	5,350	4,000	1,350	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
INSP	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Manager's Drive/Hiapo Street Intersection Improvements																				
PE1	300	240	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	0	0	0	400	320	80	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Total	300	240	60	6,350	4,800	1,550	0	0	0	400	320	80	0	0	0	0	0	0	0	

OC10 Traffic Signals at Various Locations



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

Project Description:

Install and upgrade traffic signals island wide including ADA improvements, signs and markings, and interties.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC10

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$24,893,000

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 16 - Kapiolani Blvd/Kaimuki Ave, Salt Lake Blvd/Radford Dr, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko'i St, and Ulune St/Service Rd																				
CON	0	0	0	0	0	0	2,506	2,506	0	0	0	0	0	0	0	0	0	0	0	STBG
INSP	0	0	0	0	0	0	425	425	0	0	0	0	0	0	0	0	0	0	0	STBG
Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kuala St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd, King St/Ward Ave, Atkinson Dr/Mahukona																				
CON	3,910	3,114	796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
INSP	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
Phase 18 - Renton Rd/Pahika St, Kapiolani at Pumehana St (Rapid Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St																				
PE2	626	501	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	2,277	1,821	456	0	0	0	0	0	0	0	STBG
EQP	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	STBG
INSP	0	0	0	0	0	0	0	0	0	565	452	113	0	0	0	0	0	0	0	STBG
Phase 19 - Waialae Avenue at 16th Avenue, Moanalua Road at Ualo Street																				
PE1	0	0	0	0	0	0	328	263	65	0	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	0	0	0	197	158	39	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,625	2,100	525	0	0	0	0	STBG
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	525	420	105	0	0	0	0	STBG

OC10 Traffic Signals at Various Locations

													FOR INFORMATION ONLY						
	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)	Funding Category
Phase 20 -King St/Punahou St, Makuahine/Hala Dr, Hawaii Kai/Kalalea, Kamehameha Hwy/Waikalua Rd, Ward Ave/Lunalilo, Kapahulu Interconnect																			
PE1	0	0	0	0	0	0	459	368	91	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	0	0	0	328	263	65	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,938	3,150	788	STBG
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	827	662	165	STBG
Phase 21 - Mehaula Pkwy/Ainamakua Dr (audio Ped), Kapiolani/Ward, Kapiolani/McCully																			
PE1	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	312	250	62	0	0	0	0	0	0	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,750	3,000	750	STBG
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	787	630	157	STBG
Total	4,540	3,615	925	500	400	100	4,030	3,812	218	3,368	2,694	674	3,151	2,520	631	9,304	7,442	1,862	



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:

To widen the remaining unimproved section of Salt Lake Boulevard stretching 1 mile from Maluna Street to Ala Liliko Street. 3B is intended to complete the overall road improvement project and provide multi-lanes of roadway capacity for the entire length of Salt Lake Boulevard. Improvements include widening of the roadway to 5 lanes, drainage system improvements, traffic signals, mauka-side curb and gutter, sidewalks, and bikeways. Also includes relocation of HECO's overhead utility line, a new 36-inch main waterline installation and various utility relocations.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available.

Existing Feature/s: No information available.

ORTP Project #: OC23

Neighborhood(s): Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$125,070,000

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)	
PE2	10	0	10	10	0	10	0	0	0	0	0	0	10	0	10	10	0	10	Local
ROW	10	0	10	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	Local
CON	30,000	0	30,000	2,000	0	2,000	0	0	0	0	0	0	47,000	8,000	39,000	38,000	8,000	30,000	STBG
INSP	0	0	0	10	0	10	0	0	0	0	0	0	4,000	0	4,000	4,000	0	4,000	Local
Total	30,020	0	30,020	2,030	0	2,030	0	0	0	0	0	0	51,010	8,000	43,010	42,010	8,000	34,010	



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 OahuMPO 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.

ORTP Project #: OC25

Neighborhood(s): McCully-Moiliili, Various Locations

Estimated Total Project Cost: \$43,858,000

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						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)	
Ala Wai Bridge Project																			
PE2	0	0	0	0	0	0	2,140	1,712	428	0	0	0	0	0	0	0	0	0	TA
CON	0	0	0	0	0	0	0	0	0	31,250	25,000	6,250	0	0	0	0	0	0	FHWA Grant
CON	0	0	0	0	0	0	0	0	0	2,345	1,876	469	0	0	0	0	0	0	TA
INSP	0	0	0	0	0	0	0	0	0	2,497	1,998	499	0	0	0	0	0	0	FHWA Grant
Rail Station Multimodal Access Improvements - Halawa (Aloha Stadium) Station and Waiawa (Pearl Highlands) Station																			
PE2	0	0	0	0	0	0	656	525	131	0	0	0	0	0	0	0	0	0	TA
CON	0	0	0	0	0	0	2,625	2,100	525	0	0	0	0	0	0	0	0	0	TA
CON	0	0	0	0	0	0	1,838	1,470	368	0	0	0	0	0	0	0	0	0	TA
INSP	0	0	0	0	0	0	238	190	48	0	0	0	0	0	0	0	0	0	TA
Total	0	0	0	0	0	0	7,497	5,997	1,500	36,092	28,874	7,218	0	0	0	0	0	0	



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

Various Locations - Islandwide

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.

ORTP Project #: OC26

Neighborhood(s): North Shore, Island wide

Estimated Total Project Cost: \$22,235,000

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)	
Ala Wai Bridge Project																			
PE2	0	0	0	0	0	0	2,750	2,200	550	0	0	0	0	0	0	0	0	0	TA
Oahu SRTS Coordinator																			
PLN	0	0	0	110	88	22	0	0	0	0	0	0	0	0	0	0	0	0	TA
Rail Station Multimodal Access Improvements - Halawa (Aloha Stadium) Station and Waiawa (Pearl Highlands) Station																			
CON	0	0	0	0	0	0	0	0	0	8,100	6,480	1,620	0	0	0	0	0	0	FHWA Grant
CON	0	0	0	0	0	0	7,250	5,800	1,450	0	0	0	0	0	0	0	0	0	TA
INSP	0	0	0	0	0	0	0	0	0	1,125	900	225	0	0	0	0	0	0	FHWA Grant
INSP	0	0	0	0	0	0	0	0	0	900	720	180	0	0	0	0	0	0	FHWA Grant
University of Hawaii West Oahu (UHWO) Rail Station Multimodal Access Improvements																			
CON	0	0	0	0	0	0	3,000	2,400	600	0	0	0	0	0	0	0	0	0	TA
Total	0	0	0	110	88	22	13,000	10,400	2,600	10,125	8,100	2,025	0	0	0	0	0	0	

OC-21-54 Kalaeloa Boulevard Railroad Improvements



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:

Design and install a railroad traffic signal and traffic camera at the railroad crossing on Kalaeloa Blvd.

Mile Post/s:

Complete Streets (CS):

Project will implement: Controlled bicycle and pedestrian crossings will be installed as part of the project.

Existing Feature/s: Existing bicycle lanes will be preserved.

ORTP Project #: O-21-54

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$1,480,000

Total Project Cost Notes: State to fund and develop PE1 and PE2. State to fund and City to develop CON & INSP.

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

Project Sponsor: State of Hawaii and 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	150	120	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
PE2	0	0	0	35	30	5	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	1,125	1,125	0	0	0	0	0	0	0	0	0	0	HSIP
INSP	0	0	0	0	0	0	170	170	0	0	0	0	0	0	0	0	0	0	HSIP
Total	150	120	30	35	30	5	1,295	1,295	0	0	0	0	0	0	0	0	0	0	

OC-21-55 Oahu Traffic Signal Controller Modernization



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

Project Description:

To construct and inspect related equipment for approximately 150 traffic signalized intersections

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Existing pedestrian signal will remain in place. Operation of the pedestrian signal will remain the same.

ORTP Project #: O-21-55

Neighborhood(s): Island wide

Estimated Total Project Cost: \$16,251,000

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						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)	
CON	7,695	6,156	1,539	0	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	STBG
INSP	1,681	1,345	336	0	0	0	1,875	1,500	375	0	0	0	0	0	0	0	0	0	STBG
Total	9,376	7,501	1,875	0	0	0	6,875	5,500	1,375	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:

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.

ORTP Project #: O-21-18

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

Phase	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	
	(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)	
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	

OC-22-61 Honolulu Transportation Demand Management (TDM) Plan



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.

ORTP Project #: O-21-25

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.)

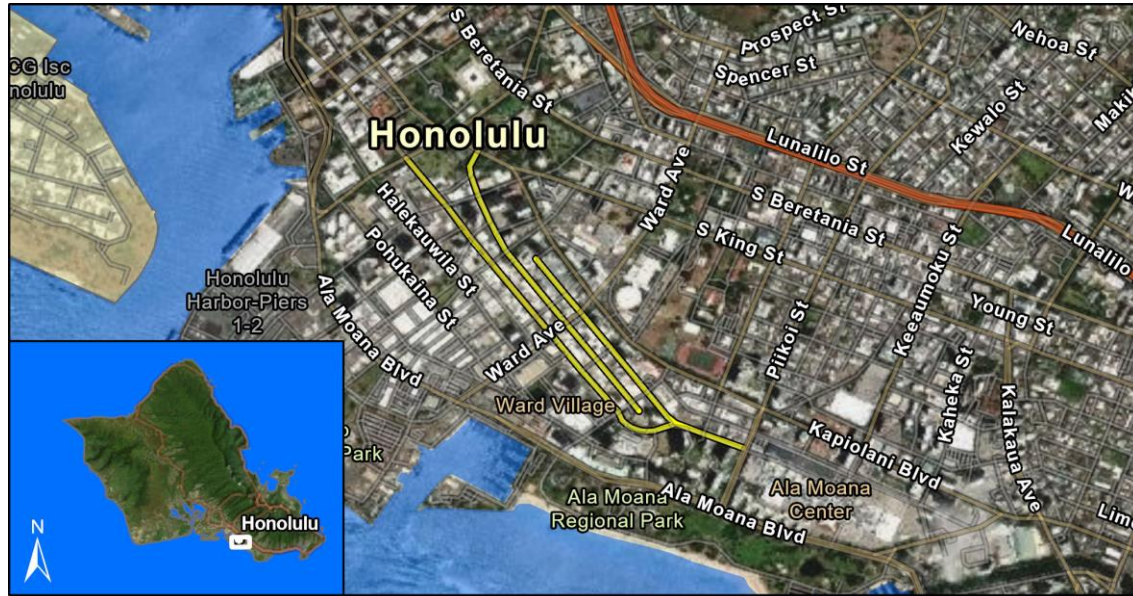
Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

Phase													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	
	(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)	
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



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

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.

ORTP Project #: O-21-11

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$40,000,000

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	0	0	0	15,000	12,000	3,000	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	0	0	0	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	0	0	0	15,000	12,000	3,000	5,000	4,000	1,000	20,000	16,000	4,000	

OC-22-63 Safe Streets and Roads for All (SS4A)



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

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.

ORTP Project #: O-21-22

Neighborhood(s): Island wide

Estimated Total Project Cost: \$64,806,000

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						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)	
Kailua																			
PE1	0	0	0	0	0	0	1,500	1,200	300	1,647	1,318	329	0	0	0	0	0	0	STBG
PE2	0	0	0	0	0	0	0	0	0	0	0	0	1,536	1,229	307	0	0	0	STBG
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,710	24,568	6,142	STBG
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,678	6,142	1,536	STBG
Phase 1																			
PE1	0	0	0	735	588	147	5,000	4,000	1,000	500	400	100	500	400	100	500	400	100	STBG
PE2	0	0	0	0	0	0	500	400	100	500	400	100	500	400	100	500	400	100	STBG
CON	0	0	0	0	0	0	0	0	0	2,000	1,600	400	4,000	3,200	800	4,000	3,200	800	STBG
INSP	0	0	0	0	0	0	0	0	0	500	400	100	1,000	800	200	1,000	800	200	STBG
Total	0	0	0	735	588	147	7,000	5,600	1,400	5,147	4,118	1,029	7,536	6,029	1,507	44,388	35,510	8,878	



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

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.

ORTP Project #: O-21-11

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$1,825,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						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)	FFY 2026			FFY 2027				
													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	0	HIP-CPF/CDS
PE2	0	0	0	0	0	0	125	100	25	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
CON	0	0	0	0	0	0	0	0	0	1,250	1,000	250	0	0	0	0	0	0	0	HIP-CPF/CDS
INSP	0	0	0	0	0	0	0	0	0	100	80	20	0	0	0	0	0	0	0	HIP-CPF/CDS
Total	0	0	0	250	200	50	125	100	25	1,350	1,080	270	0	0	0	0	0	0	0	



Project Description:
Rehabilitation or replacement of existing deteriorated concrete bridges.

Mile Post/s:

Complete Streets (CS):
Project will implement: No information available.
Existing Feature/s: No information available.

ORTP Project #: O-21-11

Neighborhood(s): North Shore

Estimated Total Project Cost: \$20,000,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	FFY 2026			FFY 2027				
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	Total	Federal	Local	Total	Federal	Local		
Rehabilitation of Aulua Road Bridge (Bridge No. 407)																				
CON	0	0	0	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	HIP-BFP	
Rehabilitation of Waipio Point Access Road Bridge No. 2 (Bridge No. 971)																				
CON	0	0	0	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	HIP-BFP	
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	2,800	1,600	1,200	0	0	0	16,000	12,800	3,200		

FTA: Hawaii Department of Transportation



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

Project Description:

Enhanced Mobility of Seniors and Individuals with Disabilities for Urbanized Areas (Section 5310 - Urban). Funds from program will be utilized for the purchase of paratransit vehicles.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OS50

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$7,902,000

Total Project Cost Notes:

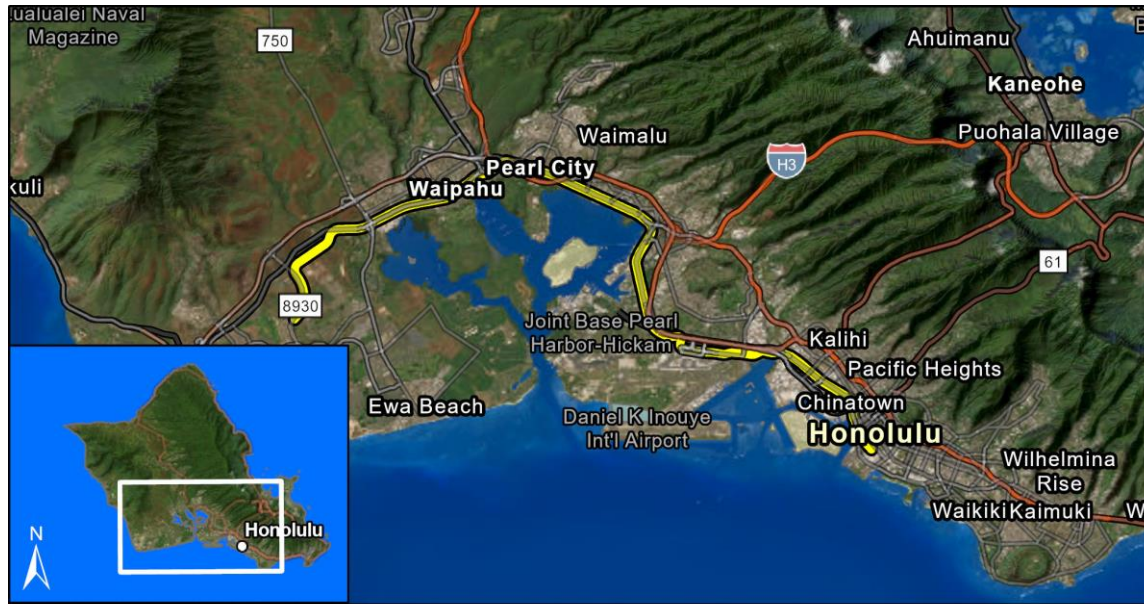
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FTA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of 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)	
EQP	594	475	119	1,363	1,090	273	1,410	1,128	282	1,460	1,168	292	1,511	1,209	302	1,564	1,251	313	\$5310
Total	594	475	119	1,363	1,090	273	1,410	1,128	282	1,460	1,168	292	1,511	1,209	302	1,564	1,251	313	



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

Project Description:

This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will Implement 49 CFR Part 674 State Safety Oversight Final Rule.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: No information available.

ORTP Project #: OS68

Neighborhood(s): Island wide

Estimated Total Project Cost: \$4,286,000

Total Project Cost Notes:

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

Project Sponsor: State of Hawaii (FTA 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)	
OPR	672	537	135	1,144	915	229	595	475	120	625	500	125	625	500	125	625	500	125	\$5329
Total	672	537	135	1,144	915	229	595	475	120	625	500	125	625	500	125	625	500	125	

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.

ORTP Project #: OC13

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$433,653,000

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						
FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027			Funding Category	
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)	
OPR	49	39	10	0	0	0	49	39	10	49	39	10	49	39	10	49	39	10	\$5307/\$5340
2022																			
EQP	48,964	39,171	9,793	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	12,500	10,000	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	618	494	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5310
EQP	1,763	1,410	353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	4,325	3,460	865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
2023																			
EQP	0	0	0	33,996	27,197	6,799	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	12,434	10,245	2,189	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	121	103	18	0	0	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	1,763	1,410	353	0	0	0	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	3,694	3,140	554	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	3,814	3,051	763	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
INSP	0	0	0	481	385	96	0	0	0	0	0	0	0	0	0	0	0	0	\$5339
2024																			
EQP	0	0	0	0	0	0	23,529	20,000	3,529	0	0	0	0	0	0	0	0	0	\$5307/\$5340

OC13 Bus and Handi-Van Acquisition Program

FOR INFORMATION ONLY																			
	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	Funding Category
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)	
2024																			
EQP	0	0	0	0	0	0	475	380	95	0	0	0	0	0	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	893	714	179	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	856	685	171	0	0	0	0	0	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	6,489	4,711	1,778	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	13,994	11,755	2,239	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	23,694	20,000	3,694	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	4,455	3,564	891	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	23,694	20,000	3,694	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	445	356	89	0	0	0	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	10,000	10,000	0	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
2025																			
EQP	0	0	0	0	0	0	0	0	0	53,629	42,903	10,726	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	23,531	18,825	4,706	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	650	520	130	0	0	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	0	0	0	1,866	1,493	373	0	0	0	0	0	0	\$5337
EQP	0	0	0	0	0	0	0	0	0	25,000	20,000	5,000	0	0	0	0	0	0	\$5339
EQP	0	0	0	0	0	0	0	0	0	4,362	3,708	654	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	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1,354	1,083	271	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	\$5337
EQP	0	0	0	0	0	0	0	0	0	0	0	0	23,694	20,000	3,694	0	0	0	\$5339
EQP	0	0	0	0	0	0	0	0	0	0	0	0	481	385	96	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	\$5307/\$5340
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,380	1,104	276	\$5310
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,548	4,438	1,110	\$5337
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	491	393	98	\$5339
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,694	20,000	3,694	\$5339
Total	68,219	54,574	13,645	43,869	35,286	8,583	121,007	102,449	18,558	109,087	87,488	21,599	47,349	38,923	8,426	48,368	39,739	8,629	



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

Project Description:

To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA), improve the mobility independence for transit users of all ages and abilities, pedestrian access, and the number of ADA accessible bus stops.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: ADA compliant site improvements on bus stop shelter, pavement, and landing provide pedestrians and bicycles with access to transit.

Existing Feature/s: No information available.

ORTP Project #: OC14

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$8,877,000

Total Project Cost Notes:

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

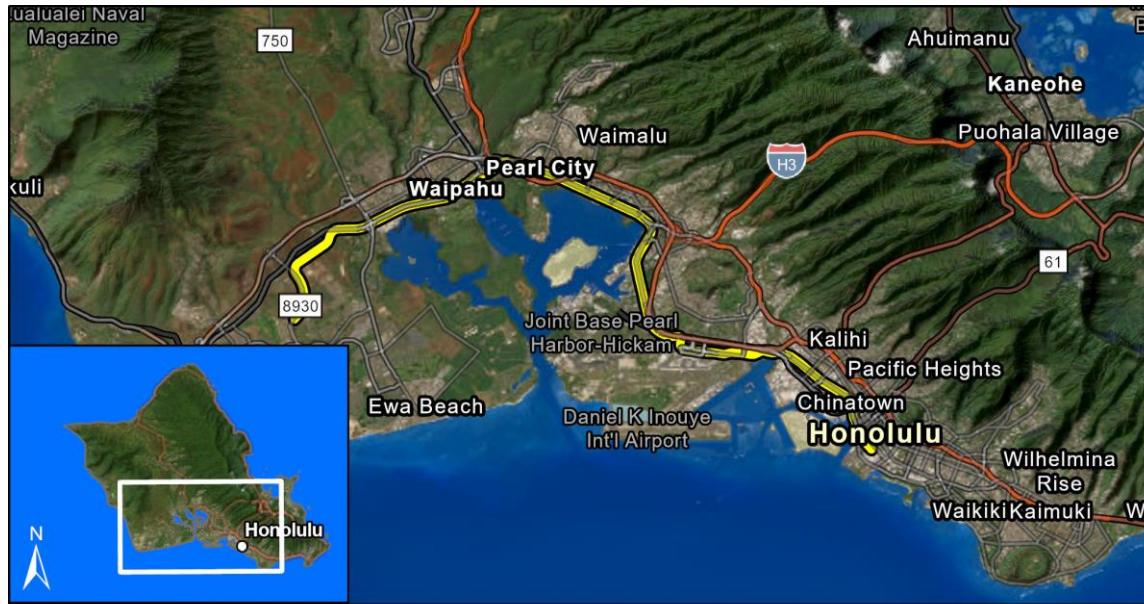
Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

													FOR INFORMATION ONLY						
	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	Funding Category
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)	
PE1	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0	\$5307/\$5340
PE2	0	0	0	0	0	0	370	296	74	0	0	0	1,500	1,200	300	0	0	0	\$5307/\$5340
DES	365	292	73	0	0	0	166	133	33	365	292	73	365	292	73	365	292	73	\$5307/\$5340
CON	251	201	50	0	0	0	0	0	0	251	201	50	251	201	50	251	201	50	\$5307/\$5340
CON	0	0	0	0	0	0	0	0	0	1,600	1,280	320	0	0	0	700	560	140	\$5307/\$5340
CON	119	119	0	0	0	0	1,405	1,124	281	0	0	0	0	0	0	0	0	0	\$5310
EQP	0	0	0	0	0	0	0	0	0	400	0	400	0	0	0	150	0	150	\$5307/\$5340
Total	735	612	123	0	0	0	1,942	1,553	389	2,616	1,773	843	2,118	1,693	425	1,466	1,053	413	

OC16 Honolulu Rail Transit Project



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.

ORTP Project #: OC16

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

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)	
\$5307 Flex Funds																			
H RTP	0	0	0	37,500	30,000	7,500	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	0	0	0	495,000	375,000	120,000	165,000	125,000	40,000	165,000	125,000	40,000	156,728	118,733	37,995	\$5309
Sen. Schatz Appropriation																			
H RTP	0	0	0	63,750	63,750	0	0	0	0	0	0	0	0	0	0	0	0	0	Discretionary
TAP State - Chinatown Bike Facility																			
PE2/CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	\$5307/\$5340
TAP State - Middle Loch Connector																			
CON	0	0	0	0	0	0	0	0	0	500	400	100	500	400	100	0	0	0	\$5307/\$5340
TAP State - Secure Bicycle Storage																			
CON	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	250	200	50	\$5307/\$5340

OC16

Honolulu Rail Transit Project

Total	70,000	70,000	0	101,250	93,750	7,500	525,250	400,200	125,050	195,500	150,400	45,100	177,500	135,400	42,100	169,228	129,133	40,095
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OC20 Preventive Maintenance



Project Description:

Preventive maintenance of FTA-funded rolling stock (buses and Handi-Vans) includes parts, labor, and other related expenses.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC20

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$105,000,000

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

Phase	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	
	(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)	
OPR	0	0	0	0	0	0	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	\$5307/\$5340
Total	0	0	0	0	0	0	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	



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

Project Description:

Capital improvement projects at various locations will provide safety and security aboard transit vehicles and at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC21

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$7,628,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						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)	FFY 2026			FFY 2027			
													Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	Local
DES	0	0	0	0	0	0	151	121	30	91	73	18	91	73	18	91	73	18	\$5307/\$5340
CON	2	1	1	0	0	0	0	0	0	2	1	1	2	1	1	2	1	1	\$5307/\$5340
CON	0	0	0	0	0	0	4,925	3,940	985	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	804	644	160	0	0	0	375	300	75	363	290	73	363	290	73	363	290	73	\$5307/\$5340
Total	806	645	161	0	0	0	5,451	4,361	1,090	457	364	93	457	364	93	457	364	93	



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

Project Description:

Department of Transportation Services staff attendance at training workshops offered by the National Transit Institute.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC24

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$118,000

Total Project Cost Notes:

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

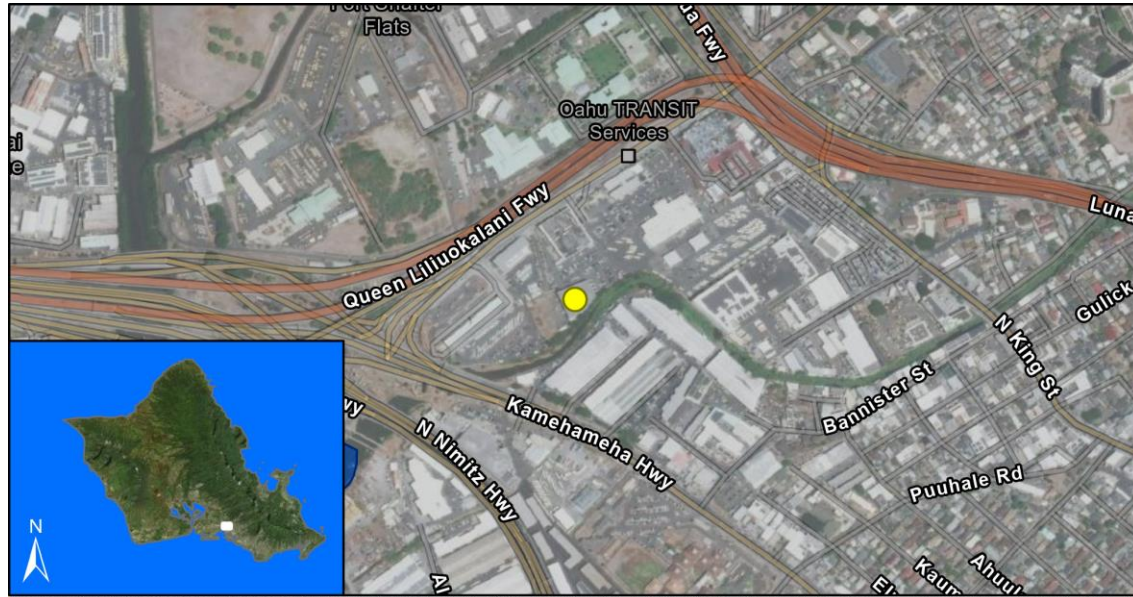
Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

													FOR INFORMATION ONLY						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		
(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)		
Phase																			
OPR	0	0	0	0	0	0	29	23	6	29	23	6	30	24	6	30	24	6	\$5307/\$5340
Total	0	0	0	0	0	0	29	23	6	29	23	6	30	24	6	30	24	6	

OC31 Middle Street Transit Center



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:

Acquire property located at the Middle Street Transit Center, plan, and design the entire transit campus.

Mile Post/s:

Complete Streets (CS):

Project will implement: Not applicable.

Existing Feature/s: Not applicable.

ORTP Project #: OC31

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$42,000,000

Total Project Cost Notes: All phases are locally funded, but are re-paying a federal det.

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

Project Sponsor: City and County of Honolulu

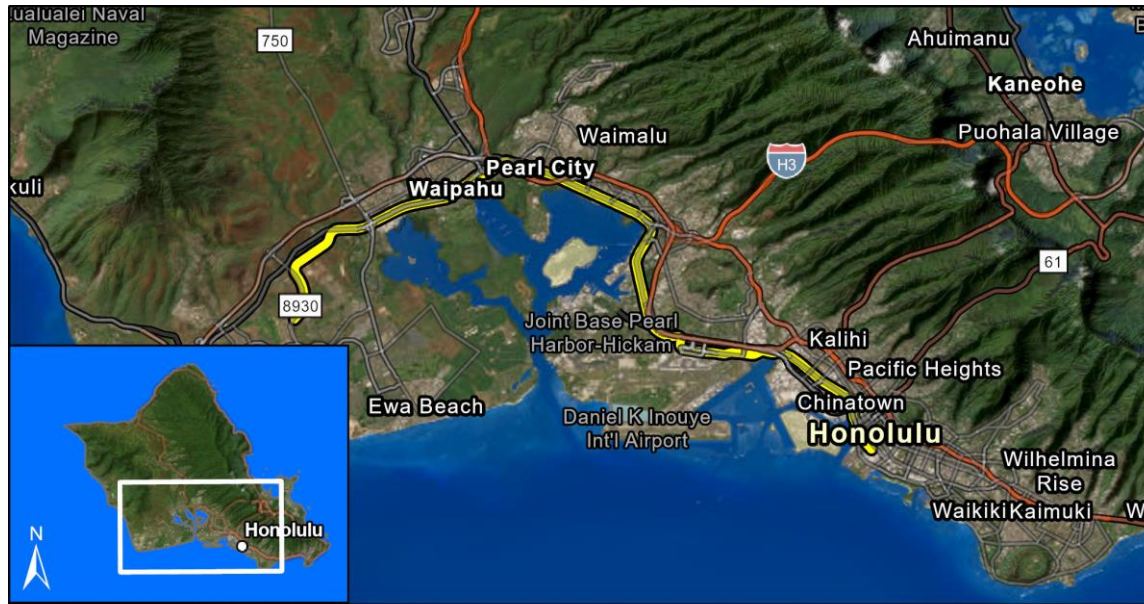
Agency Responsible for Carrying Out Project/Phase:

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)		
PLN	0	0	0	845	845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
PLN	0	0	0	-845	-845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
DES	0	0	0	0	0	0	3,337	2,915	422	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
DES	0	0	0	0	0	0	-2,915	-2,915	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	0	0	0	0	0	0	0	0	0	0	0	0	-12,937	-12,937	0	0	0	0	0	\$5307/\$5340
INSP	0	0	0	0	0	0	0	0	0	-423	-423	0	0	0	0	0	0	0	0	\$5307/\$5340
Prior Transit Investment																				
CON	0	0	0	0	0	0	0	0	0	0	0	0	16,171	12,937	3,234	0	0	0	0	\$5307/\$5340
INSP	0	0	0	0	0	0	0	0	0	529	423	106	0	0	0	0	0	0	0	\$5307/\$5340
Total	0	0	0	0	0	0	422	0	422	106	0	106	3,234	0	3,234	0	0	0	0	

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.

ORTP Project #: OC25

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$23,842,000

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

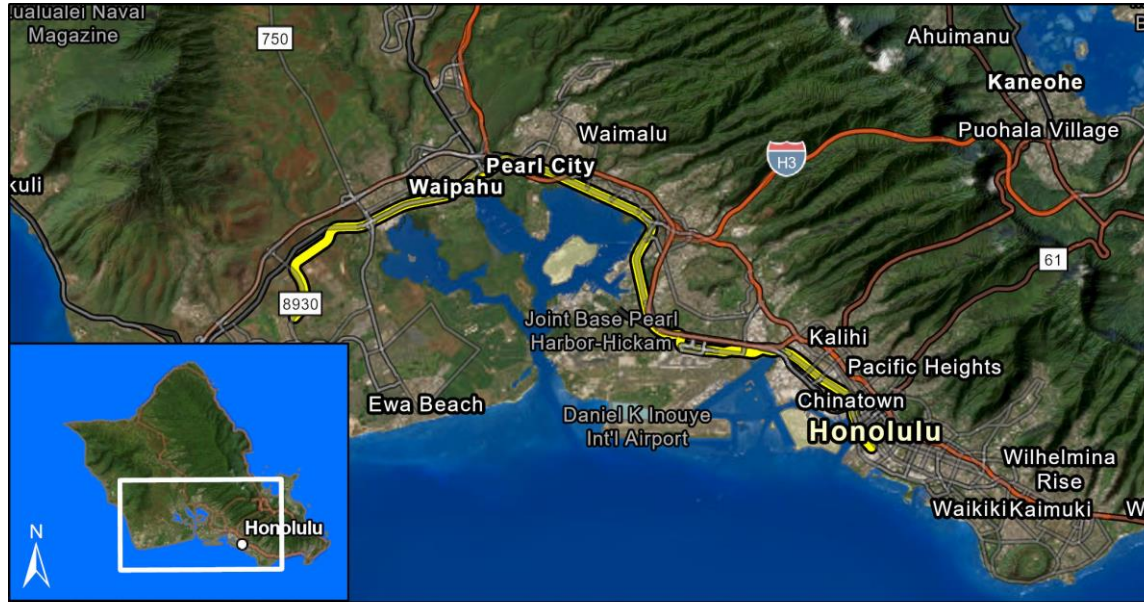
Agency Responsible for Carrying Out Project/Phase:

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 (Aloha Stadium) Station and Waiawa (Pearl Highlands) Station																				
PE1	0			0	0	0	1,250	1,000	250	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
PE2	0	0	0	0	0	0	625	500	125	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
PE2	0			0	0	0	2,642	2,113	529	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	0	0	0	0	0	0	14,575	2,000	12,575	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	0	\$5307/\$5340
INSP	0	0	0	0	0	0	3,000	181	2,819	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
Total	0	0	0	0	0	0	23,842	7,194	16,648	0	0	0	0	0	0	0	0	0	0	

OC-22-66 Intermodal Connectivity - TA Set-Aside (State)



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, 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.

ORTP Project #: OC26

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.)

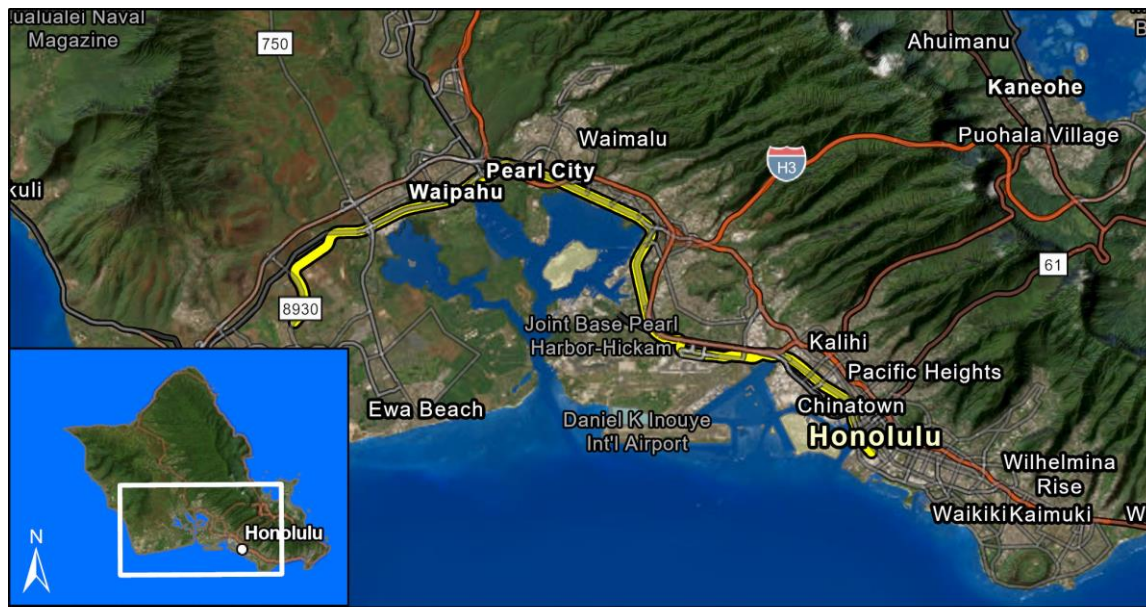
Project Sponsor: City and County of Honolulu

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

													FOR INFORMATION ONLY						
	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	Funding Category
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)	
University of Hawaii West Oahu (UHWO) Rail Station Multimodal Access Improvements																			
CON	0	0	0	0	0	0	3,000	2,400	600	0	0	0	0	0	0	0	0	0	\$5307/\$5340
Rail Station Multimodal Access Improvements - Halawa (Aloha Stadium) Station and Waiawa (Pearl Highlands) 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	20,375	16,300	4,075	0	0	0	0	0	0	0	0	0	

OC-22-67 Intermodal Connectivity Improvements



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

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.

ORTP Project #: O-21-22

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	0	0	0	100	0	100	500	0	500	200	0	200	200	0	200	\$5307/\$5340
PE2	0	0	0	0	0	0	500	0	500	1,200	0	1,200	800	0	800	800	0	800	\$5307/\$5340
CON	0	0	0	0	0	0	6,620	995	5,625	4,000	0	4,000	4,500	0	4,500	4,500	0	4,500	\$5307/\$5340
INSP	0	0	0	0	0	0	780	0	780	500	0	500	500	0	500	500	0	500	\$5307/\$5340
Total	0	0	0	0	0	0	8,000	995	7,005	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.

ORTP Project #: O-21-18

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$92,312,000

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						Funding Category	
Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FFY 2026			FFY 2027				
	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	
Alapai On Route Chargers																				
CON	0	0	0	4,555	2,505	2,050	0	0	0	0	0	0	0	0	0	0	0	0	\$5339	
Pearl City Bus Facility - FY23 Low No Installation of Electric Bus Charging Systems																				
CON	0	0	0	0	0	0	9,161	8,245	916	0	0	0	0	0	0	0	0	0	\$5307/\$5340	
Pearl City Bus Facility - Ph 1 Installation of Electric Bus Charging Systems																				
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340	
Pearl City Bus Facility - Ph 2 Installation of Electric Bus Charging Systems																				
CON	0	0	0	0	0	0	35,725	28,580	7,145	0	0	0	0	0	0	0	0	0	\$5307/\$5340	
Pearlridge En Route Chargers																				
CON	0	0	0	0	0	0	2,533	2,280	253	0	0	0	0	0	0	0	0	0	\$5307/\$5340	
CON	0	0	0	0	0	0	1,875	1,500	375	0	0	0	0	0	0	0	0	0	\$5337	

OC-22-68 Electrification of Transportation Infrastructure

Phase	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	
	(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)	
Pearlridge En Route Chargers																			
CON	0	0	0	0	0	0	4,000	3,600	400	0	0	0	0	0	0	0	0	0	\$5339
Total	0	0	0	13,018	2,505	10,513	63,694	52,365	11,329	5,200	0	5,200	5,200	3,760	1,440	5,200	3,760	1,440	



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

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.

ORTP Project #: O-21-18

Neighborhood(s): Island wide

Estimated Total Project Cost: \$10,344,000

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

Phase	FFY 2022			FFY 2023			FFY 2024			FFY 2025			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	FFY 2026			FFY 2027			
	(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)		
PE1	0	0	0	0	0	0	1,552	1,250	302	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
EQP	0	0	0	0	0	0	8,792	7,025	1,767	0	0	0	0	0	0	0	0	0	HIP-CPF/CDS
Total	0	0	0	0	0	0	10,344	8,275	2,069	0	0	0	0	0	0	0	0	0	

APPENDICIES

[Appendix A: Project and Program Prioritization Process](#)

[Appendix B: Scoring of New Projects and Programs](#)

[Appendix C: Title VI and Environmental Justice Analysis](#)

[Appendix D: Intergovernmental and Public Review](#)