FEDERAL FISCAL YEARS 2015-2018
TRANSPORTATION IMPROVEMENT PROGRAM

PROJECTS AS OF REVISION #6

July 2015

Oahu Metropolitan Planning Organization
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ABBREVIATIONS

§	Section
§5307	Urbanized Area Formula Program (funding category)
§5309 BC	Bus and Bus-Related Facilities (funding category)
§5309 FGM	Fixed Guideway Modernization (funding category)
§5309 NS	New Starts (funding category)
§5316	Job Access Reverse Commute Program (JARC) (funding category)
§5317	New Freedom Program (funding category)
§5340	Growing States and High Density States Formula Program (funding category)
3-C	Continuing, Cooperative, Comprehensive
ADA	Americans with Disabilities Act
ADVCON	Advance Construction Reimbursement
Bridge Off	Bridge Off-System (funding category)
Bridge On/Off	Bridge On/Off-System (funding category)
CAC	OahuMPO Citizen Advisory Committee
CCTV	Closed-circuit television
CMAQ	Congestion Mitigation and Air Quality Improvement Program (funding category)
CON	Construction (phase)
DES	Design (phase)
Discret	Discretionary Funds (funding category)
DTS	City and County of Honolulu Department of Transportation Services
Enhance	Transportation Enhancement Program (funding category)
EQP	Equipment (phase)
FFY	Federal Fiscal Year (October - September)
FHWA	Federal Highway Administration
FHWA X-fer	FHWA transfer of funds from FTA
FTA	Federal Transit Administration
HDOT	Hawaii Department of Transportation
HRTP	Honolulu Rail Transportation Project (funding category)
HP	High Priority Projects Program (funding category)
HR	House Report
HSIP	Highway Safety Improvement Program (funding category)
IM	Interstate Maintenance (funding category)
INSP	Inspection (phase)
JARC	Job Access and Reverse Commute Program (funding category)
Local Only	Funded with State or City funds (funding category)
MAP-21	Moving Ahead for Progress in the 21st Century
NF	New Freedom Program (funding category)
NHPP	National Highway Performance Program (funding category)
NHS	National Highway System (funding category)
NTD	National Transit Database

OahuMPO	Oahu Metropolitan Planning Organization
OPR	Operations (phase)
ORTP	Oahu Regional Transportation Plan
PLN	Planning (phase)
PREROW	Pre-Right-of-Way (phase)
PROF SVCS	Professional Services
Rec Trails Prog	Recreational Trails Program (funding category)
REL	Relocation (phase)
ROW	Right-of-Way (phase)
RY	Report Year
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users
SmUrb	Small Urban
SOGR	State of Good Repair Grant
STIC	Small Transit Intensive Cities
STIP	Statewide Transportation Improvement Program
STP Flex	Surface Transportation Program Flexible funds (funding category)
TAP	Transportation Alternatives Program
TIGER	Transportation Investment Generating Economic Recovery Grant
TIGGER	Transit Investments for Greenhouse Gas and Energy Reduction Grant
TIP	Transportation Improvement Program
USC	United States Code
UZA	Urbanized Areas
3-C	Continuing, Cooperative, Comprehensive

8.0 TIP PROJECTS

The TIP project listing below is in alphabetical order and is grouped by project sponsor and federal funding. A TIP project identification number is also identified for each project. A project number preceded by an "O" which represents that the project is located on Oahu, followed by an "S" for State-sponsored project or a "C" for City-sponsored project.

PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS1	Bridge and Pavement Improvement Program, Oahu	36,400	36,400	36,400	36,400	36,400	36,400	237,800	Local Only
OS2	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	0	0	585	0	8,405	0	10,500	NHPP
OS3	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	13,500	0	0	0	0	0	16,560	NHPP
OS4	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A	0	1,122	17,200	0	0	0	20,200	NHPP
OS5	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)	0	9,160	10,000	0	10,000	0	61,500	NHPP
OS9	Freeway Service Patrol	3,500	3,500	3,500	3,500	3,500	3,500	21,000	NHPP

* Estimated total project cost may extend beyond the four years of the TIP.

PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS10	Guardrail and Shoulder Improvements, Various Locations	2,185	255	3,060	250	0	3,000	6,600	HSIP
OS20	Interstate Route H-1 Safety Improvements, Beginning of H-1 (Palailai Interchange) to Waiawa Overpass	0	0	4,080	0	0	0	4,500	HSIP
OS13	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, Halona Street Bridge	25	5,400	0	0	0	0	6,200	NHPP
OS56	Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection	4,000	0	0	0	0	0	5,000	IM Discret
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	0	6,370	0	0	0	0	7,000	NHPP
OS15	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	0	5,520	0	0	0	0	5,900	NHPP

* Estimated total project cost may extend beyond the four years of the TIP.

PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS16	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Middle Street, Phase 1	0	0	7,300	0	0	0	15,000	NHPP
OS17	Interstate Route H-1, Kapolei Interchange Complex	70,300	571	0	238	0	0	105,000	IM Discret, NHPP
OS18	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	0	0	0	0	0	25,200	100,000	NHPP
OS19	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	0	0	0	0	0	19,000	167,000	NHPP
OS21	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	0	0	0	0	3,642	0	23,600	NHPP
OS22	Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2, and 3	0	1,080	0	0	6,240	0	7,320	NHPP
OS12	Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement	0	3,258	0	0	6,000	0	12,700	NHPP

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PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS11	ITS Operation and Maintenance	285	285	285	285	285	285	1,700	NHPP
OS23	Kalanianaole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park	0	0	2,800	0	0	0	3,200	Earmark HP, Enhance
OS24	Kalanianaole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	0	9,550	0	0	0	0	11,500	NHPP
OS26	Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase 2 and 3	0	3,876	0	0	0	13,300	45,000	NHPP
OS25	Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I, Olomana Golf Course to Poalima Street	13,500	0	0	0	0	0	45,000	NHPP
OS54	Kamehameha Highway (Route 83), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	19,825	0	0	0	0	0	19,000	NHPP

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PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS27	Kamehameha Highway (Route 83), Bridge Rehabilitation, Makaua Stream Bridge	0	280	6,000	0	0	0	7,400	NHPP
OS53	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	1,465	0	0	0	0	0	6,000	NHPP
OS28	Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge	0	16,580	0	0	0	0	21,600	NHPP
OS29	Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge	0	0	650	0	9,200	0	11,000	NHPP
OS30	Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge	1,175	9,735	0	0	0	0	10,700	NHPP
OS31	Kamehameha Highway (Route 83), Bridge Replacement, Laieloa Stream Bridge	0	200	9,360	0	0	0	10,300	NHPP

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PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS32	Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge	0	1,000	26,000	0	0	0	28,300	NHPP
OS34	Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Stream Bridge	0	110	562	11,708	0	0	13,300	NHPP
OS35	Kamehameha Highway (Route 83), Bridge Replacement, Waikane Stream Bridge	0	265	0	0	8,925	0	10,200	NHPP
OS36	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	20	245	9,078	0	0	0	10,300	NHPP
OS37	Kamehameha Highway (Route 83), Rockfall Protection, Waimea Bay	0	0	490	10,080	0	8,000	19,800	NHPP
OS51	Kamehameha Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vicinity of Waikane Valley Road	0	0	1,665	0	0	0	3,000	HSIP
OS38	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula	0	0	0	0	0	5,700	6,600	NHPP

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS39	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa	0	0	10,400	0	0	0	11,400	NHPP
OS40	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Punaluu	0	0	0	7,350	0	0	7,900	NHPP
OS41	Kamehameha Highway (Route 83), Wetland Enhancement, Vicinity of Ukoa Pond	0	0	0	6,500	0	0	7,700	NHPP
OS33	Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge	0	106	1,148	0	18,360	0	22,100	Earmark HP, NHPP
OS55	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge	1,600	0	0	0	0	0	1,650	HSIP
OS42	Kualakai Parkway (Route 8930) Extension	0	0	17,700	0	0	0	20,000	STP Flex
OS43	Leeward Bikeway, Phase I and II, Waipio Point Access Road to Lualualei Naval Road	0	9,106	0	3,000	0	3,900	19,000	Enhance

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS44	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements	0	6,120	0	0	0	0	6,720	NHPP
OS48	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	0	0	6,580	0	0	0	7,200	NHPP
OS45	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	0	6,120	0	0	0	0	6,300	NHPP
OS46	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	0	2,435	0	0	0	0	2,700	NHPP
OS47	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	0	0	4,030	0	0	0	4,500	NHPP
OS49	Recreational Trails Program-Oahu	359	359	359	359	359	359	2,154	Rec Trails Prog
OS52	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	0	265	5,000	0	0	0	6,000	NHPP

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
State of Hawaii - FHWA Total		**168,139**	**139,273**	**184,232**	**79,670**	**111,316**	**118,644**	**1,242,604**	

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PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FHWA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC1	Alapai Transportation Management Center	23,772	25,074	235	0	0	0	96,013	Local Only, STP Flex
OC2	Bikeway Improvements Program	0	816	2,295	2,169	2,959	2,959	11,198	Local Only, STP Flex
OC3	Bridge Inspection and Appraisal	900	900	900	900	1,000	1,000	5,600	Bridge Off
OC4	Computerized Traffic Control System	0	0	350	4,351	4,351	4,351	13,403	Local Only, STP Flex
OC5	Farrington Highway (Routes 7110 and 9107) Improvements, Phase 1	0	0	0	0	0	0	100,000	STP Flex
OC6	Kapolei Parkway Extension (Route 8920)	290	0	0	0	0	0	21,589	Local Only, STP Flex
OC7	Makakilo Drive (Route 8810) Extension	0	3,000	0	0	20,000	20,000	46,000	STP Flex
OC23	Salt Lake Boulevard Widening, Phase 3	0	0	30,930	30,000	0	0	60,930	STP Flex
OC8	Traffic Improvements at Various Locations	450	2,350	1,816	1,576	2,350	2,350	10,892	Local Only, STP Flex

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FHWA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC9	Traffic Signal Optimization	0	0	601	101	101	0	803	Local Only, STP Flex
OC10	Traffic Signals at Various Locations	3,938	4,017	4,209	3,276	4,125	4,125	23,690	Local Only, STP Flex
OC11	Waipio Point Access Road Improvements (Route 7139)	158	0	0	0	0	0	3,753	STP Flex
City and County of Honolulu - FHWA Total		**29,508**	**36,157**	**41,336**	**42,373**	**34,886**	**34,785**	**393,871**	
FHWA TOTAL		**197,647**	**175,430**	**225,568**	**122,043**	**146,202**	**153,429**	**1,636,475**	

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FTA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS50	Transportation Assistance for Elderly and Disabled	482	497	512	529	546	564	7,156	§5310-Urban
State of Hawaii - FTA Total		**482**	**497**	**512**	**529**	**546**	**564**	**7,156**	

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PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FTA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC12	Agency-Provided Trips	1,578	1,943	2,002	2,064	2,124	2,188	11,899	§5307/§5340, §5310-Urban, Local Only
OC13	Bus and Handi-Van Acquisition Program	37,700	24,869	25,577	25,673	25,769	25,869	165,457	§5307/§5340, §5307/§5340(2014), §5309 SOGR (2012), §5337 SOGR (2013), §5337 SOGR (2014), §5337 SOGR (2015), §5339(2013), §5339(2014), §5339(2015)
OC14	Bus Stop ADA Access Improvements	898	598	598	598	598	598	3,888	§5307/§5340, Local Only
OC15	Bus Stop Site Improvements	1,832	501	501	501	501	501	4,337	§5307/§5340, Local Only
OC16	Honolulu Rail Transit Project	1,070,200	1,107,673	801,222	434,791	41,373	43,180	5,163,693	§5307/§5340, §5309 NS
OC17	Local Shuttle Service	204	210	216	223	230	236	1,319	§5307/§5340
OC18	Middle Street Intermodal Center	0	4,310	6,066	6,069	0	0	16,445	§5339, Local Only

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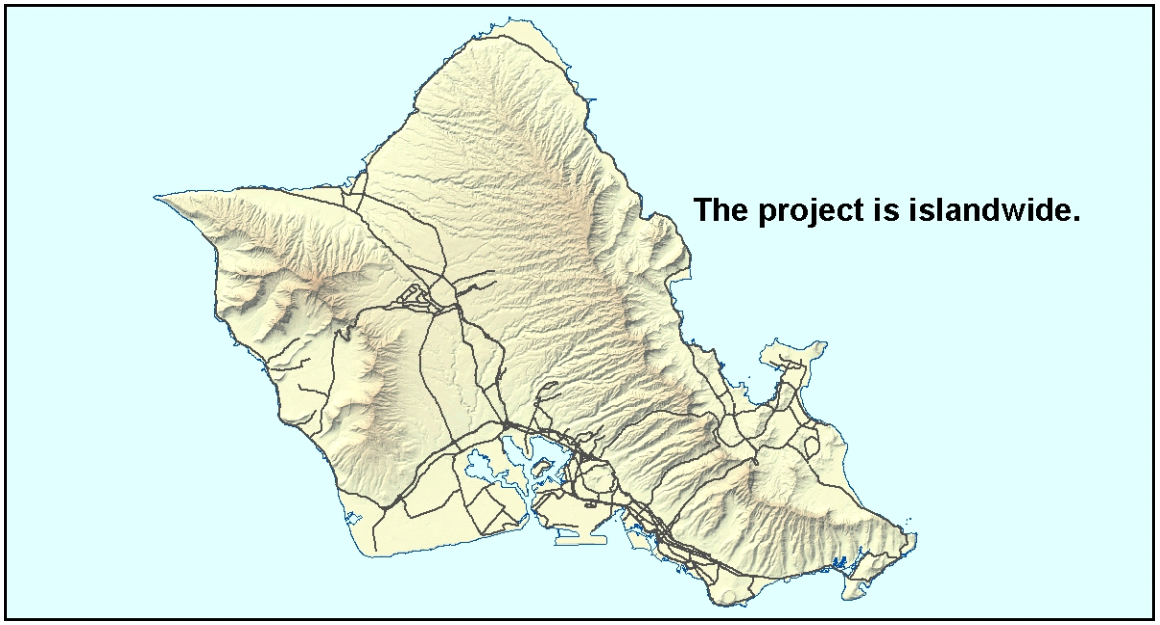
PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2015 (x $1000)	FFY 2016 (x $1000)	FFY 2017 (x $1000)	FFY 2018 (x $1000)	(For information only) FFY 2019 (x $1000)	FFY 2020 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)	FUNDING CATEGORY
FTA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC19	Mobility Management	395	406	419	431	445	457	2,553	§5307/§5340, §5310-Urban
OC22	Pedestrian Transit Connections	1,386	431	286	286	286	286	2,961	§5307/§5340(2014), Local Only
OC20	Preventive Maintenance	41,638	48,478	49,448	50,437	51,446	52,475	293,922	§5307/§5340(2013), §5307/§5340(2014), §5307/§5340(2015)
OC21	Transit Safety and Security Projects	416	416	416	416	416	0	2,080	§5307/§5340(2014), Local Only
City and County of Honolulu - FTA Total		**1,156,247**	**1,189,835**	**886,751**	**521,489**	**123,188**	**125,790**	**5,668,554**	
FTA TOTAL		**1,156,729**	**1,190,332**	**887,263**	**522,018**	**123,734**	**126,354**	**5,675,710**	

* Estimated total project cost may extend beyond the four years of the TIP.

OS1 Bridge and Pavement Improvement Program, Oahu



Project Description:
This is an ongoing islandwide program for the system maintenance of highway bridges and pavements. The Special Maintenance Program (SMP) is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing, pavement, and bridge preservation projects (System Preservation). Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation, and/or preservation. Yearly lump sum amounts represent total SMP State funding levels anticipated for the Oahu program. The current list of prioritized proposed SMP projects, for Oahu, has been posted on the OahuMPO website at: http://www.oahumpo.org/programs/tipcurrent.html. Qualified and priority SMP projects could receive federal funds should they become available.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ and http://www.oahumpo.org/programs/tipcurrent.html

Neighborhood(s): Various Locations

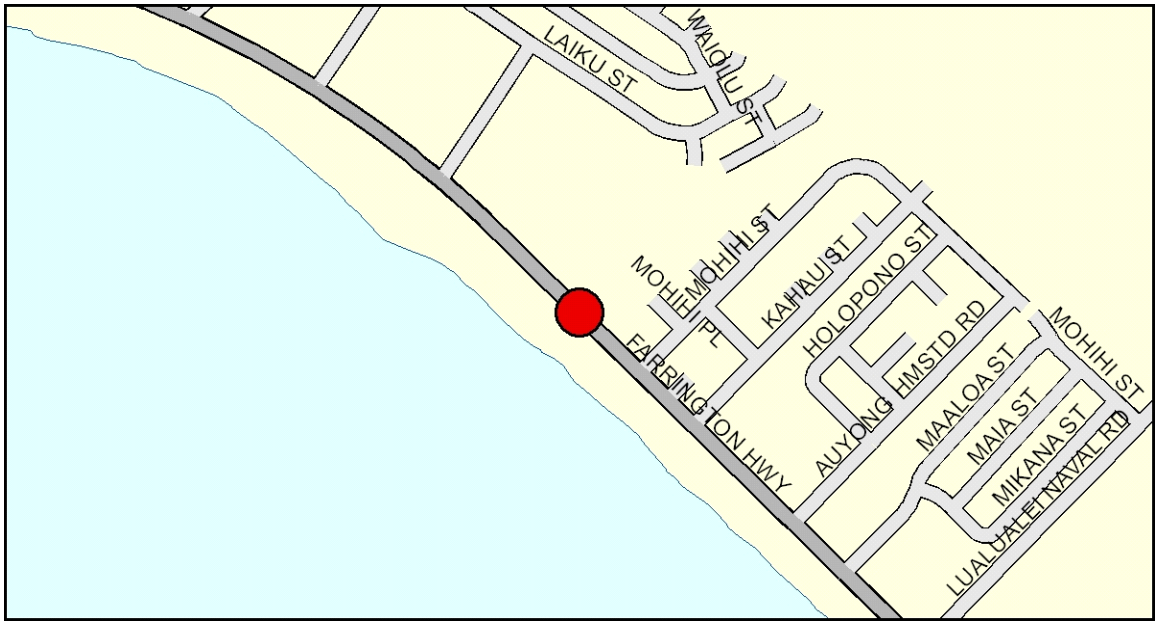
Estimated Total Project Cost: $237,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

													FOR INFORMATION ONLY						
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	Local Only

OS2 Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge



Project Description:
Rehabilitate the existing bridge to meet current design standards. The bridge will be widened, lengthened, have bridge railings installed that will redirect errant vehicles, have wider shoulders for pedestrians and bicycles, and be strengthened to accommodate present day vehicular loads. The rehabilitated bridge will provide a safer and more efficient facility to residents and visitors who utilize Farrington Highway in the vicinity of Nanakuli. The rehabilitated bridge will decrease the annual operation and maintenance costs for HDOT.

Mile Post/s: MP 6.21 to MP 6.58

Complete Streets (CS):

Project will implement: Bridge will be strengthened and have wider shoulders for pedestirans and bicycles.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waianae Coast

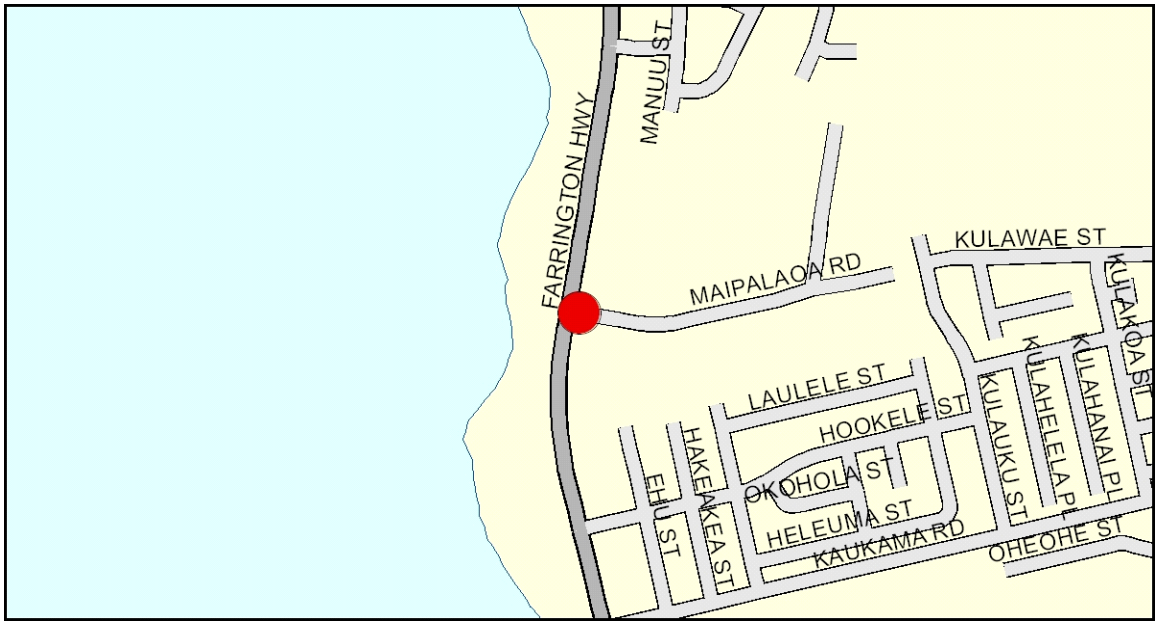
Estimated Total Project Cost: $10,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	0	0	0	585	468	117	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	8,405	6,724	1,681	0	0	0	NHPP

OS3 Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge



Project Description:
Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.

Mile Post/s: MP 8.26 to MP 8.45

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Nanakuli-Maili

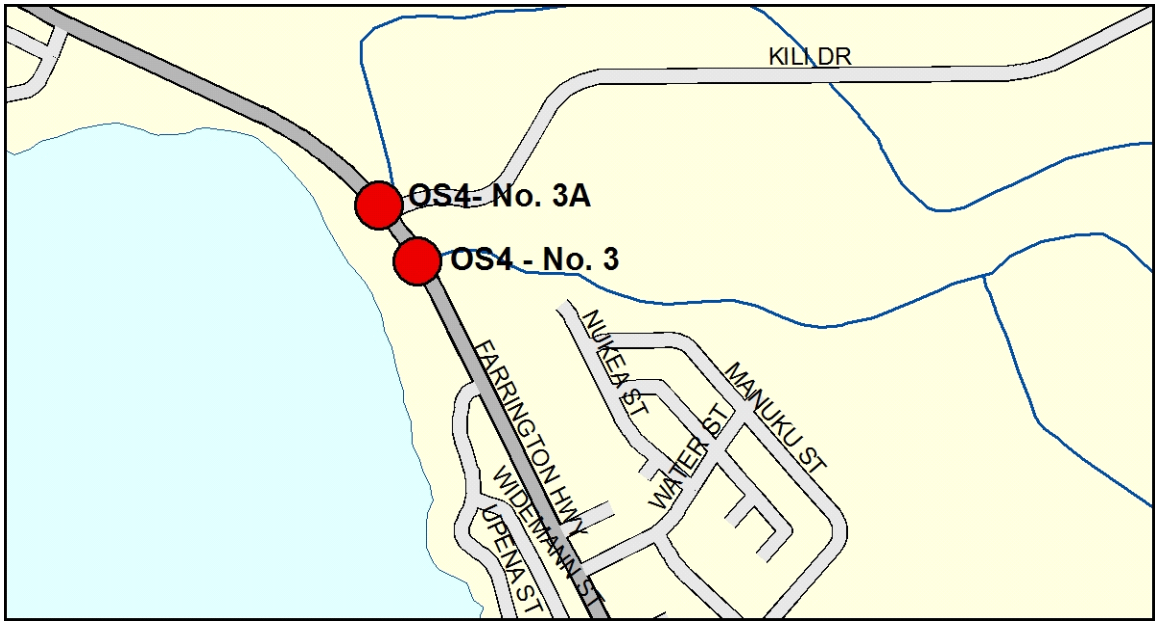
Estimated Total Project Cost: $16,560,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	13,500	4,800	8,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	6,000	-6,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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 incudes 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.

Project Website: None

Neighborhood(s): Waianae Coast

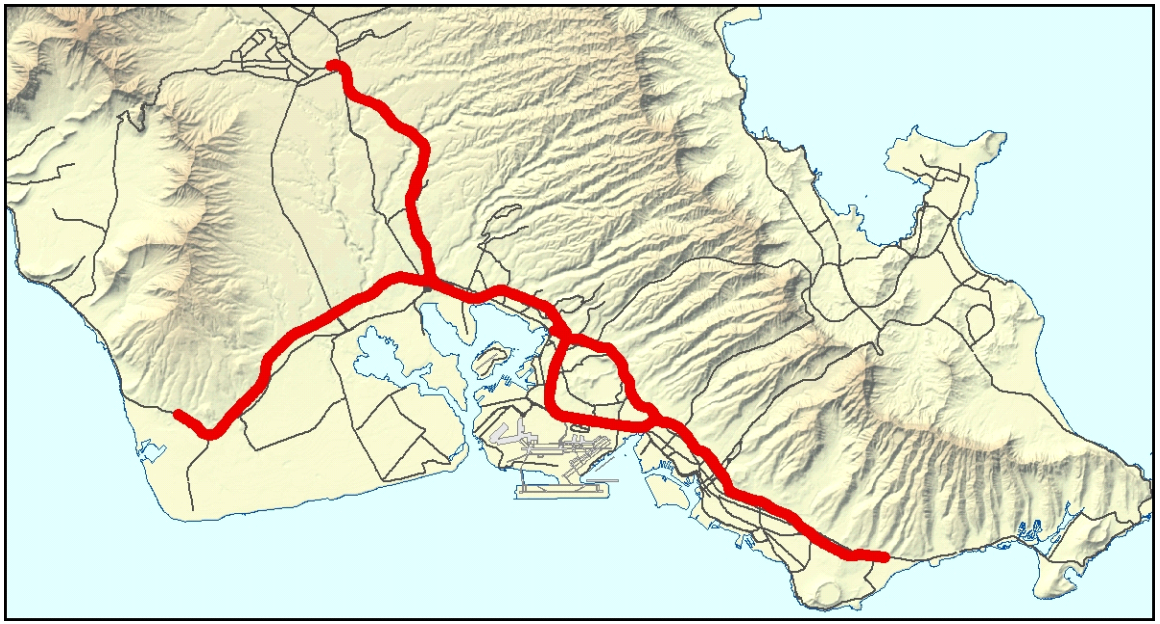
Estimated Total Project Cost: $20,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	1,122	898	224	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	17,200	4,060	13,140	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	9,700	-9,700	0	0	0	0	0	0	NHPP

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



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.

The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This incudes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.

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. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $61,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

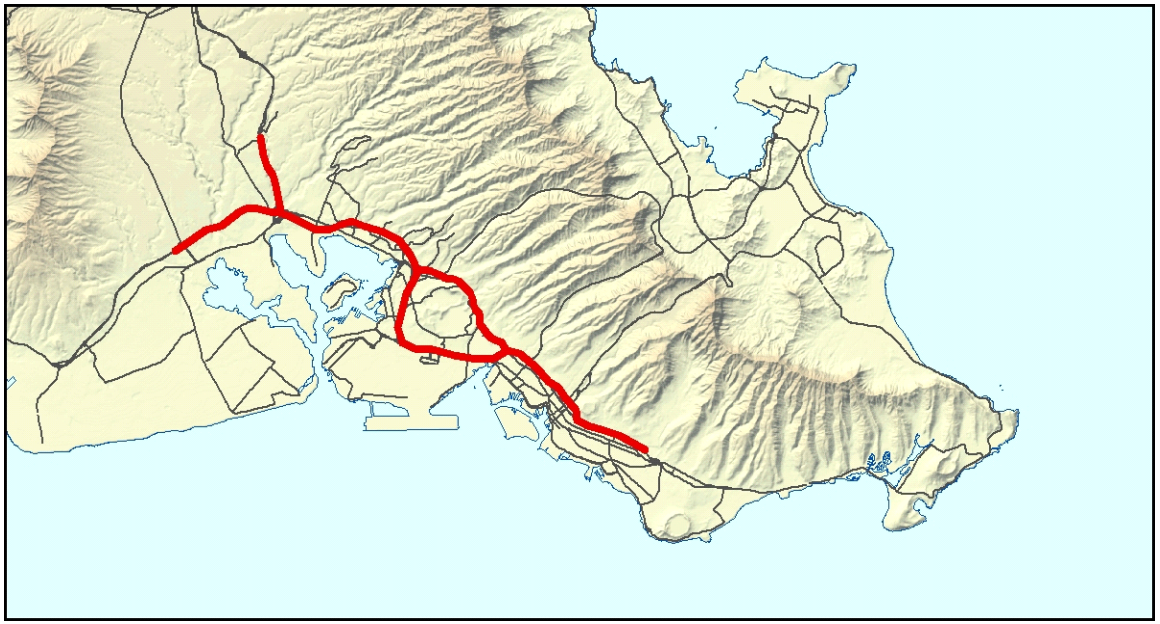
Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 1C - Part 2																			
ADVCON	0	5,000	-5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 1C - Part 3																			

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 1C - Part 3																			
CON	0	0	0	5,100	4,080	1,020	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 2A																			
CON	0	0	0	0	0	0	10,000	4,000	6,000	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	0	0	0	0	0	NHPP
Phase 3																			
DES	0	0	0	2,040	1,632	408	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,000	4,000	6,000	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000	-4,000	NHPP
System Manager																			
DES	0	0	0	2,020	1,616	404			0	0	0	0	0	0	0	0	0	0	NHPP

OS9 Freeway Service Patrol



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

Project Website: http://www.fsphawaii.com

Neighborhood(s): Various Locations

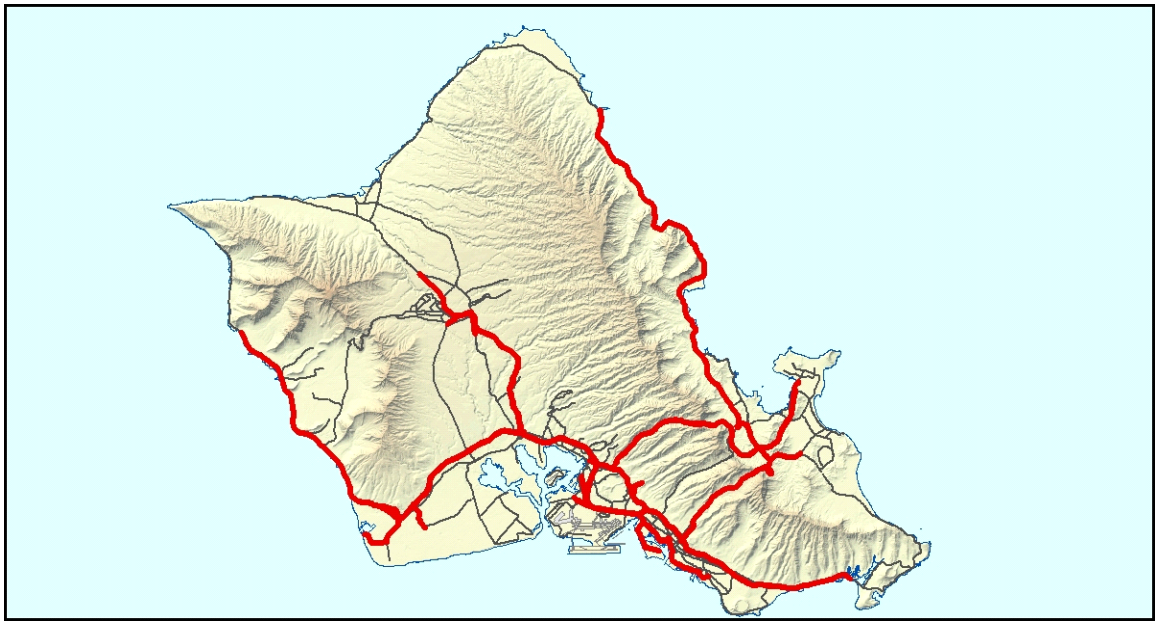
Estimated Total Project Cost: $21,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP

OS10 Guardrail and Shoulder Improvements, Various Locations



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.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $6,600,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 1																			
CON	2,185	1,748	437	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
Phase 2																			
DES	0	0	0	255	204	51	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	3,060	2,448	612	0	0	0	0	0	0	0	0	0	HSIP
Phase 3																			
DES	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	2,400	600	HSIP

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

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: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

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

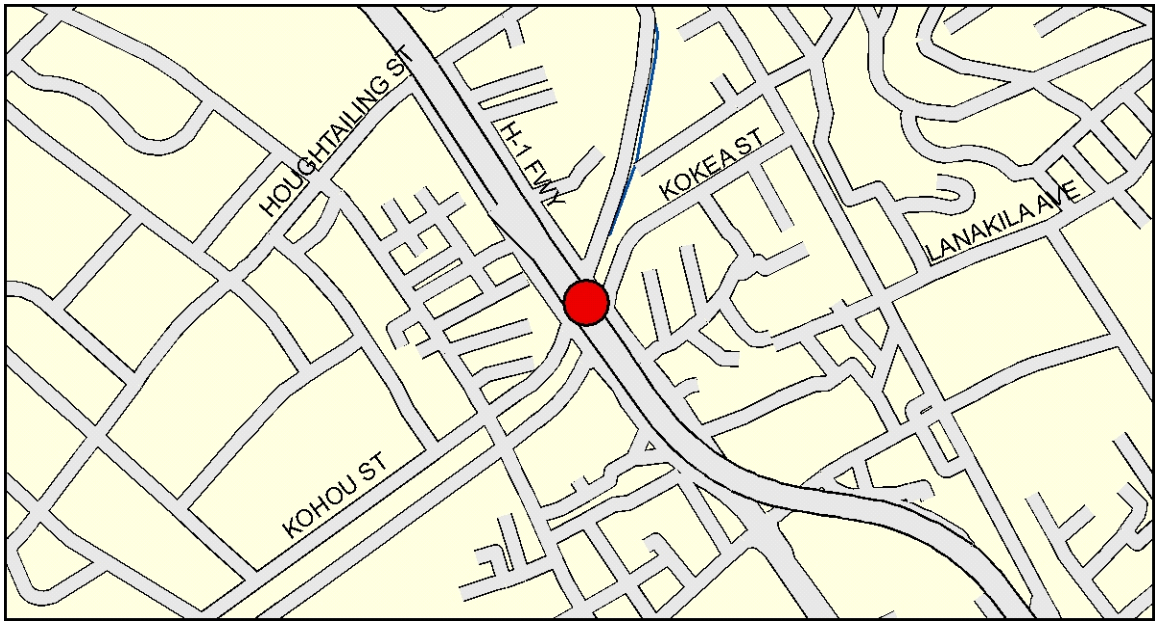
Estimated Total Project Cost: $4,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	4,080	3,264	816	0	0	0	0	0	0	0	0	0	HSIP

OS13 Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, Halona Street Bridge



Project Description:
Rehabilitate the existing bridge.

Mile Post/s: MP 15.21 to MP 35.31

Complete Streets (CS):

Project will implement: Strengthen bridge to accommodate present-day vehicular load.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Kalihi-Palama

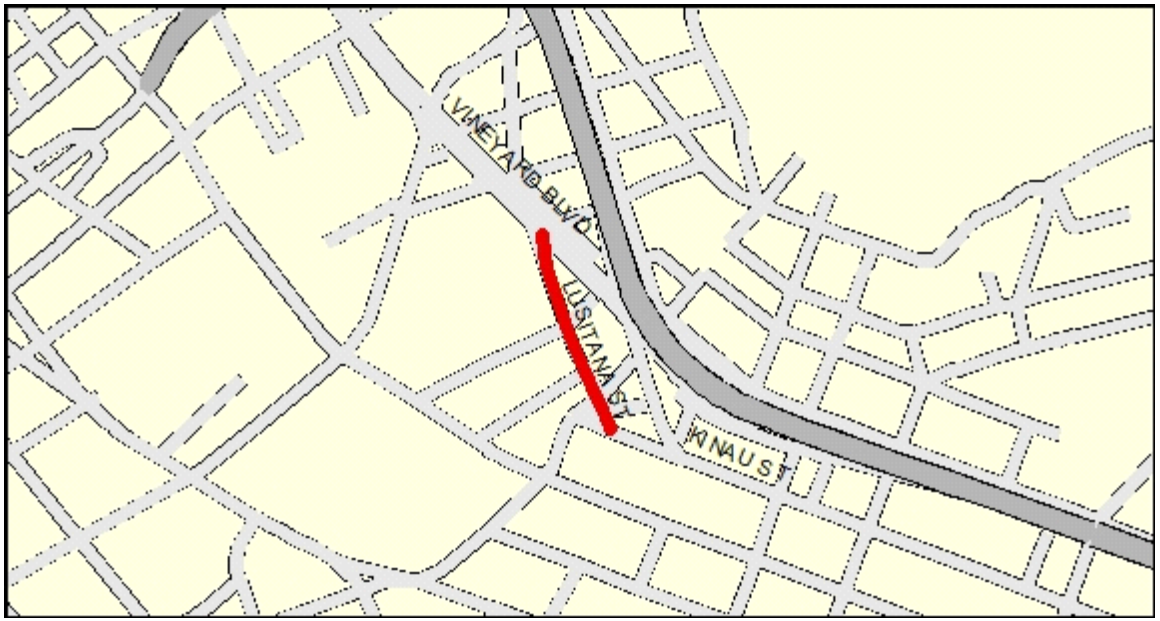
Estimated Total Project Cost: $6,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	5,400	320	5,080	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	4,000	-4,000	0	0	0	0	0	0	0	0	0	NHPP

OS56 Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection



Project Description:
Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right-turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

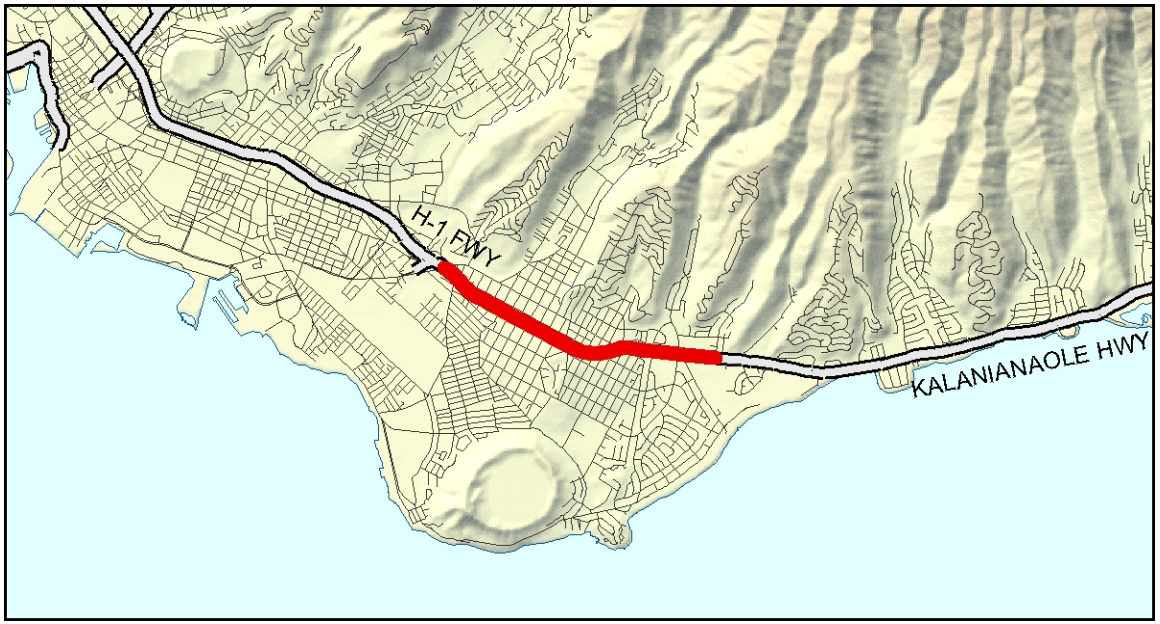
Estimated Total Project Cost: $5,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	4,000	2,300	1,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM Discret

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



Project Description:
Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.

Mile Post/s: MP 25.24 to MP 27.16

Complete Streets (CS):

Project will implement: Upgrade safety features including guardrails, crash cushions, and concrete barriers.

Existing Feature/s: No information available.

Project Website: None

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

Estimated Total Project Cost: $7,000,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	6,370	1,233	5,137	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	4,500	-4,500	0	0	0	0	0	0	0	0	0	NHPP

OS15 Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)

Project Description:
Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.

Mile Post/s: MP 19.45 to MP 22.48

Complete Streets (CS):

Project will implement: Upgrade safety features including guardrails, crash cushions, and concrete barriers.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Kalihi-Palama, Downtown, Nuuanu-Punchbowl

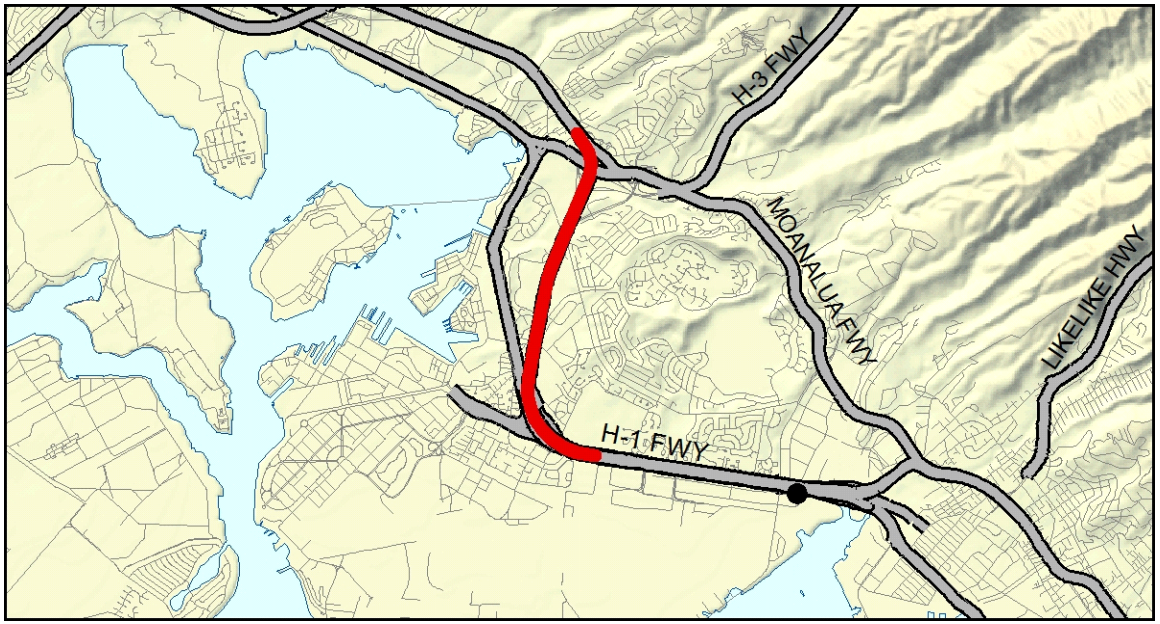
Estimated Total Project Cost: $5,900,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	5,520	4,416	1,104	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS16 Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Middle Street, Phase 1



Project Description:
Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass (milepost 12.83) to the Airport Interchange (milepost 16.00), approximately. A future Phase 2 will cover improvements for the remainder of the limits from approximately the Airport Interchange (milepost 16.00) to Middle Street.

Mile Post/s: MP 12.83 to MP 16.00

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Aiea, Airport, Kalihi-Palama, Aliamanu-Salt Lake-Foster Village

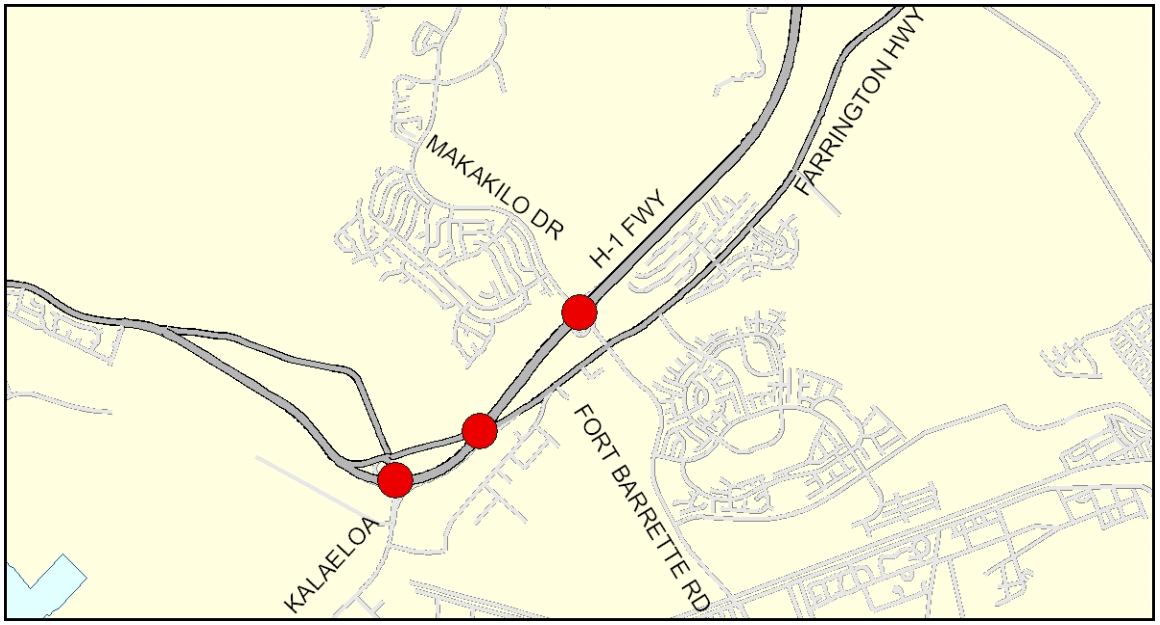
Estimated Total Project Cost: $15,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 1																			
CON	0	0	0	0	0	0	7,300	840	6,460	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	0	0	0	0	0	NHPP

OS17 Interstate Route H-1, Kapolei Interchange Complex



Project Description:
Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phases 3 and 4 involve completing the Kapolei Interchange Complex, including completing construction of the Palailai and Makakilo Interchanges.

Mile Post/s: MP 0.34 to MP 0.79

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

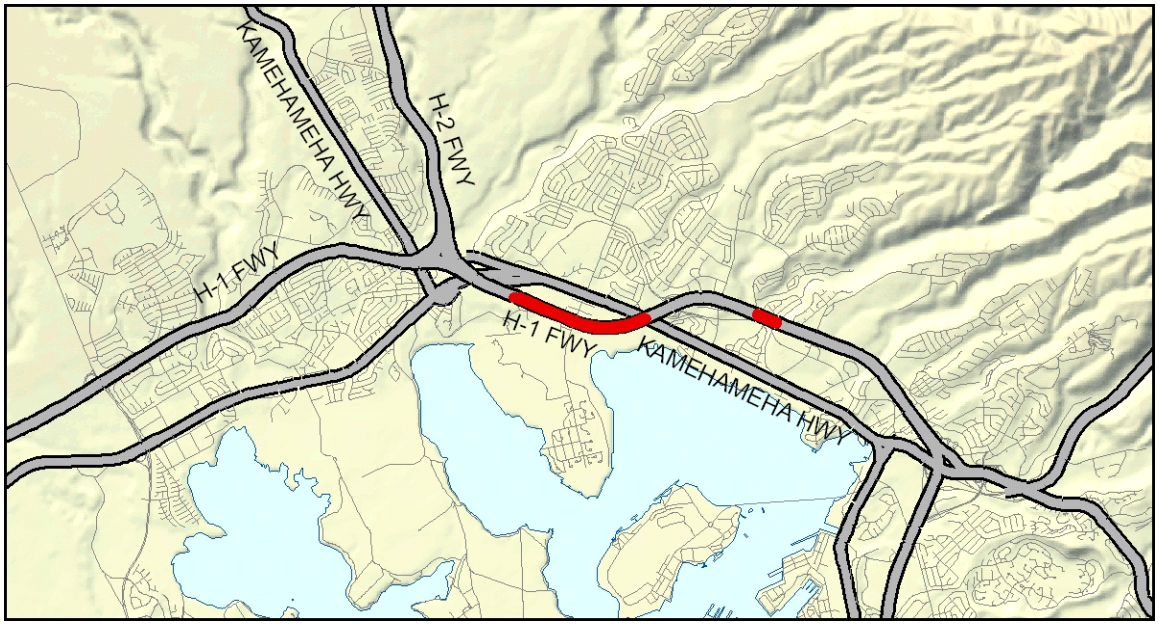
Estimated Total Project Cost: $105,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 2																			
CON	4,800	4,300	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM Discret
CON	65,500	49,500	16,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	12,000	-12,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 3																			
DES	0	0	0	571	457	114	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	238	190	48	0	0	0	0	0	0	NHPP

OS18 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2



Project Description:
Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.

Mile Post/s: Queen Liliuokalani Freeway: MP 9.22 to MP 10.32 and MP 11.25 to MP 11.49

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Pearl City, Aiea, Waipahu

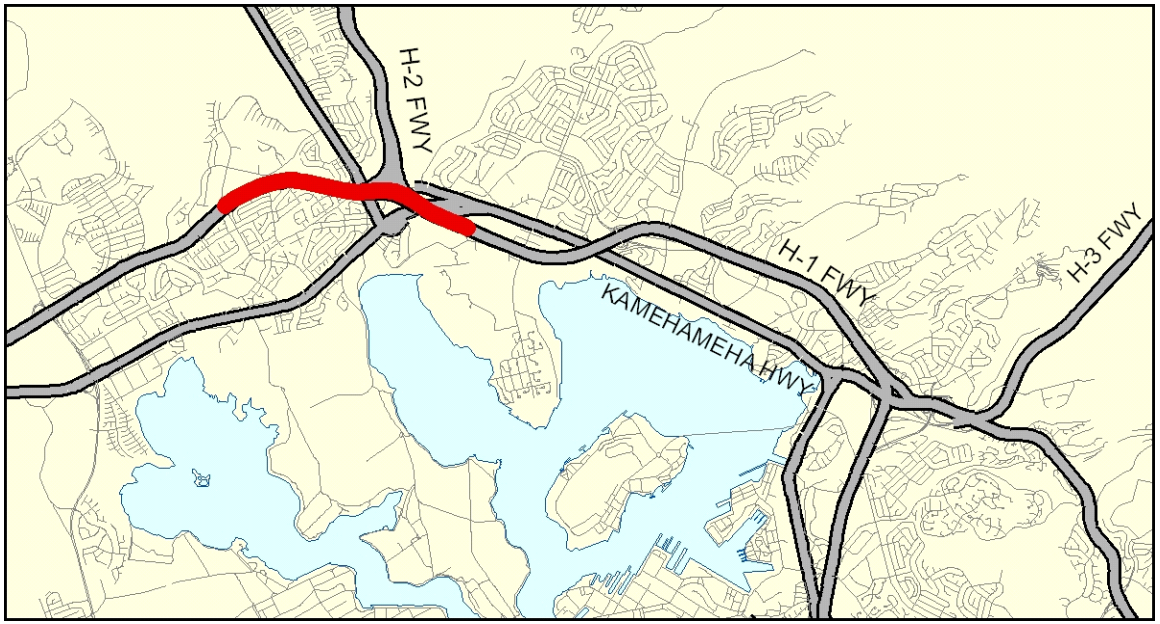
Estimated Total Project Cost: $100,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,200	8,000	17,200	NHPP

OS19 Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I



Project Description:
This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. Phase 1 involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele. The PM Contraflow project will construct a new contraflow lane to increase the westbound capacity in the PM peak condition by one lane from Radford Drive overpass to Waikele.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Mile Post/s: Queen Liliuokalani Freeway: MP 6.66 to MP 8.77

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: www.pmcontraflow.com

Neighborhood(s): Waipahu

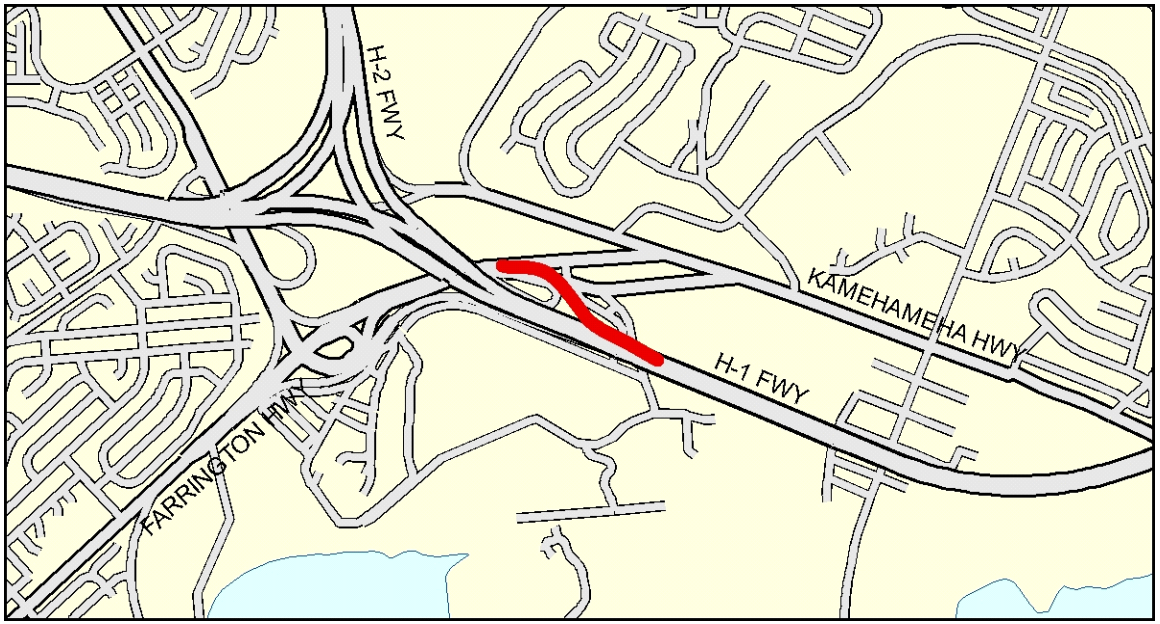
Estimated Total Project Cost: $167,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,000	17,100	1,900	NHPP

OS21 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements



Project Description:
Widen the westbound Waipahu off-ramp from one to two lanes.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Mile Post/s: Queen Liliuokalani Freeway: MP 9.21

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waipahu

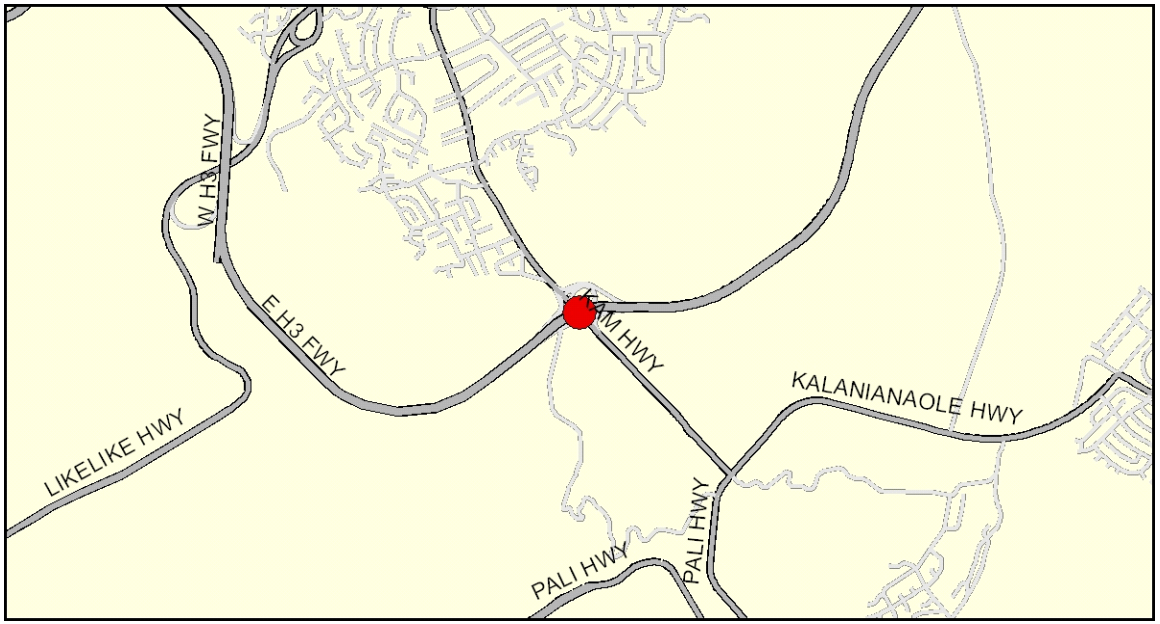
Estimated Total Project Cost: $23,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	0	0	0	0	0	0	0	0	0	0	0	0	3,642	2,913	729	0	0	0	NHPP

OS22 Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2, and 3



Project Description:
Retrofit interchange structures to meet current seismic standards.

Mile Post/s: H-3 Freeway and the John A. Burns Freeway: MP 10.75

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s):

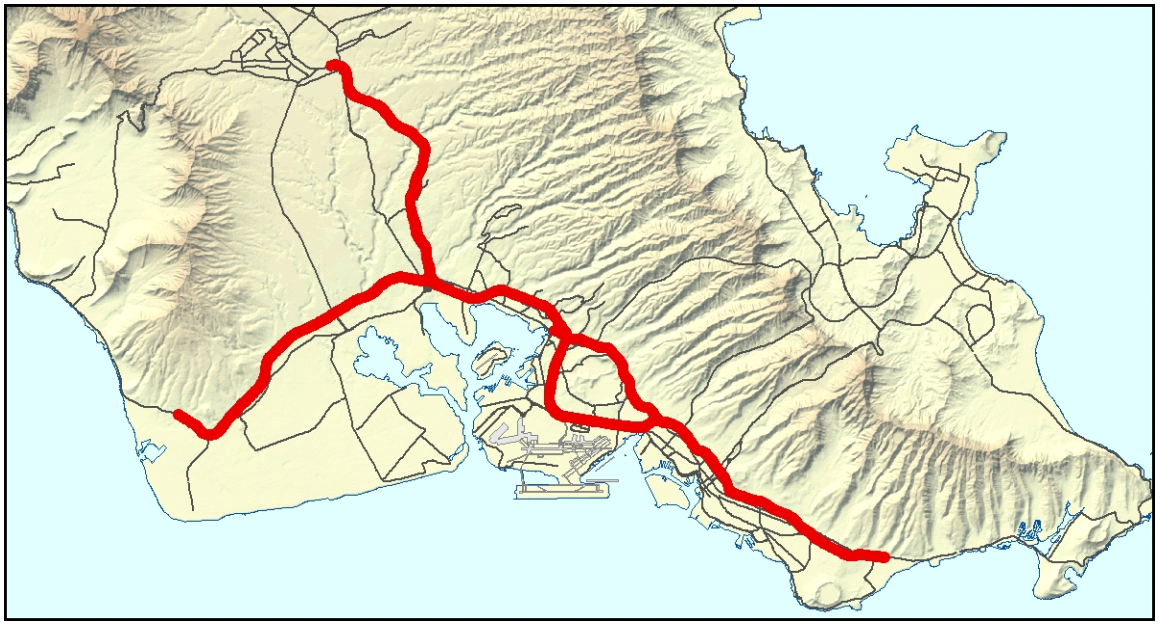
Estimated Total Project Cost: $7,320,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	0	0	0	1,080	864	216	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,240	4,992	1,248	0	0	0	NHPP

OS12 Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement



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

Mile Post/s: Lunalilo Freeway and Moanalua Freeway: MP 4.10 to MP 26.60

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

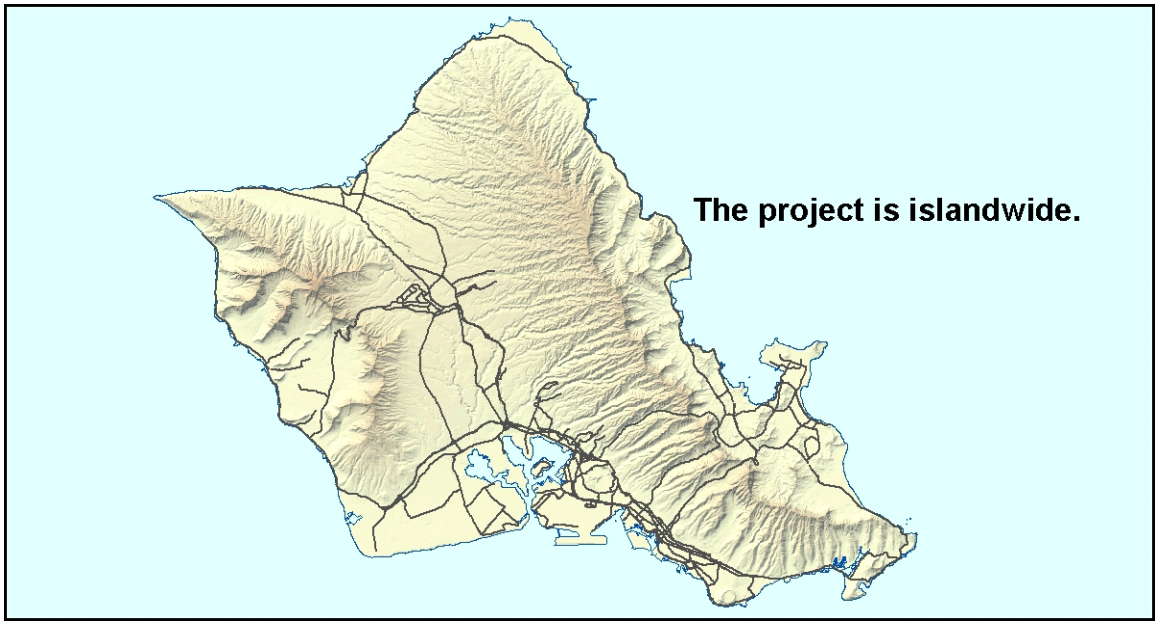
Estimated Total Project Cost: $12,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 2																			
CON	0	0	0	2,704	2,434	270	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
Phase 3																			
DES	0	0	0	554	499	55	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,000	5,400	600	0	0	0	NHPP

OS11 ITS Operation and Maintenance



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

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $1,700,000
(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 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP

OS23 Kalanianaole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park

Project Description:
Improve bike route on Kalanianaole Highway, from Waimanalo Beach Park to Kainoa Beach Park. The scope of the project includes providing shared-use shoulders for bicyclists and pedestrians.

Under MAP-21, the Transportation Enhancements (TE) activities were replaced with the Transportation Alternatives Program (TAP). However, this project is continuing to use TE funds, since MAP-21 states that the original TE activities remain eligible for TE funds that were previously apportioned until the TE funds are obligated, rescinded, or lapsed.

Mile Post/s: Kalanianaole Highway: MP 6.71 to MP 7.32

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waimanalo

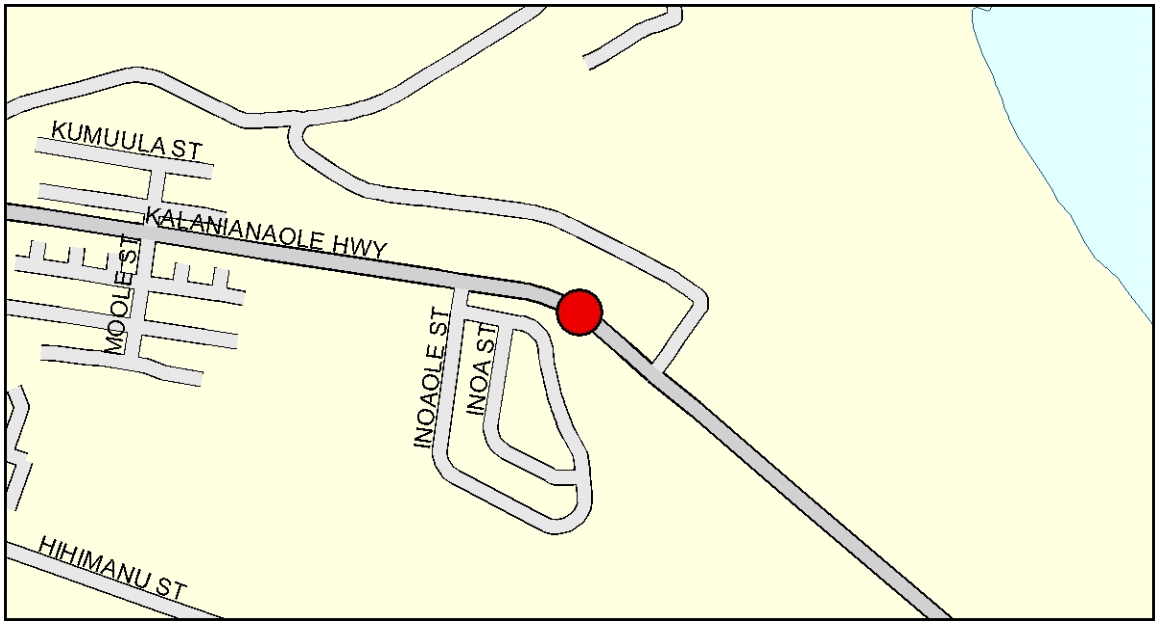
Estimated Total Project Cost: $3,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	2,550	2,040	510	0	0	0	0	0	0	0	0	0	Enhance

OS24 Kalanianaole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo



Project Description:
Replace the existing bridge.

Mile Post/s: Kalanianaole Highway: MP 3.99

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: $11,500,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	9,550	1,140	8,410	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	6,500	-6,500	0	0	0	0	0	0	0	0	0	NHPP

OS26 Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase 2 and 3

Project Description:
Construct traffic operational and safety improvements on Kalanianaole Highway, from Poalima Street to Aloiloi Street (Phase 2) and from Aloiloi Street to Waimanalo Beach Park/Huli Street (Phase 3). Project includes turning lanes, bus pullouts, and lighting improvements.

Mile Post/s: Kalanianaole Highway: MP 3.35 to MP 4.58

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: $45,000,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 2 - Poalima Street to Aloiloi Street																			
DES	0	0	0	2,244	1,795	449	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,300	10,640	2,660	NHPP
Phase 3 - Aloiloi Street to Waimanalo Beach Park (Huli Street)																			
DES	0	0	0	1,632	1,306	326	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS25 Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I, Olomana Golf Course to Poalima Street

Project Description:
Phase I involves constructing traffic operational and safety improvements on Kalanianaole Highway from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Mile Post/s: Kalanianaole Highway: MP 2.58 to MP 3.35

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waimanalo, Kailua

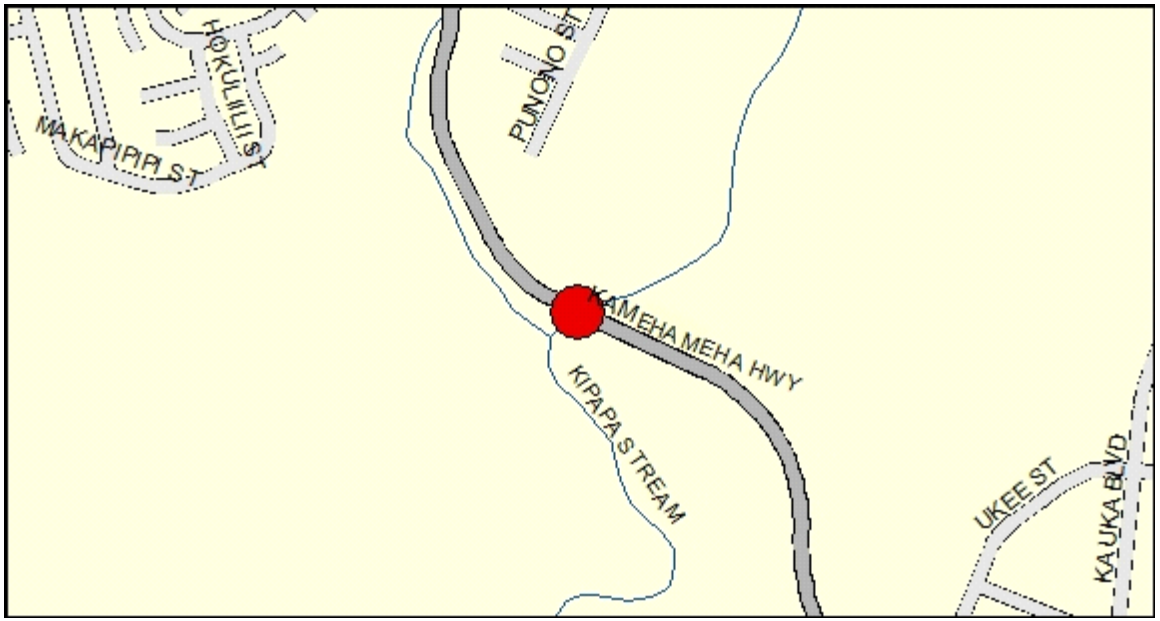
Estimated Total Project Cost: $45,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	13,500	10,800	2,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS54 Kamehameha Highway (Route 83), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge



Project Description:
Rehabilitate and bring the existing bridge up to meet current State standards.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Waipahu, Mililani-Waipio-Melemanu

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	1,800	1,440	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	18,000	14,400	3,600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS27 Kamehameha Highway (Route 83), Bridge Rehabilitation, Makaua Stream Bridge

Project Description:
Rehabilitate the existing 44-foot long bridge on Kamehameha Highway (Route 83) by widening and strengthening to meet current State standards.

Mile Post/s: Kamehameha Highway: MP 27.90

Complete Streets (CS):

Project will implement: Bridge will be strengthened and widened to meet current State standards.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

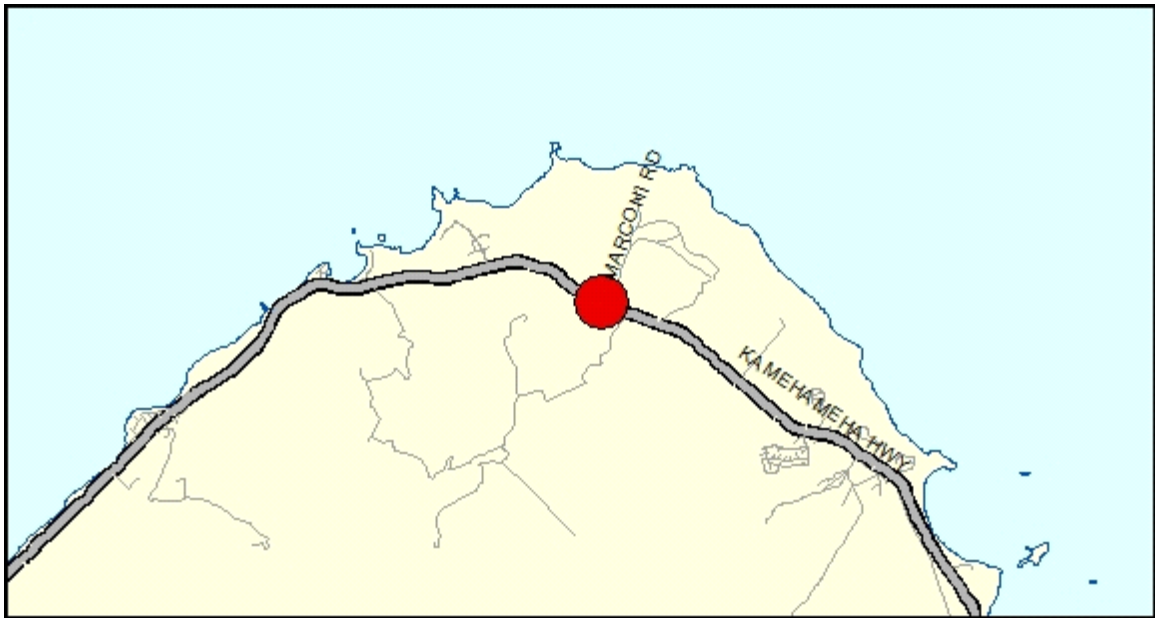
Estimated Total Project Cost: $7,400,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	280	224	56	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	6,000	800	5,200	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	0	0	0	0	0	NHPP

OS53 Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge



Project Description:
Replace the existing bridge on Route 83.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Koolauloa

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	1,300	1,040	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	165	132	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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

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. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

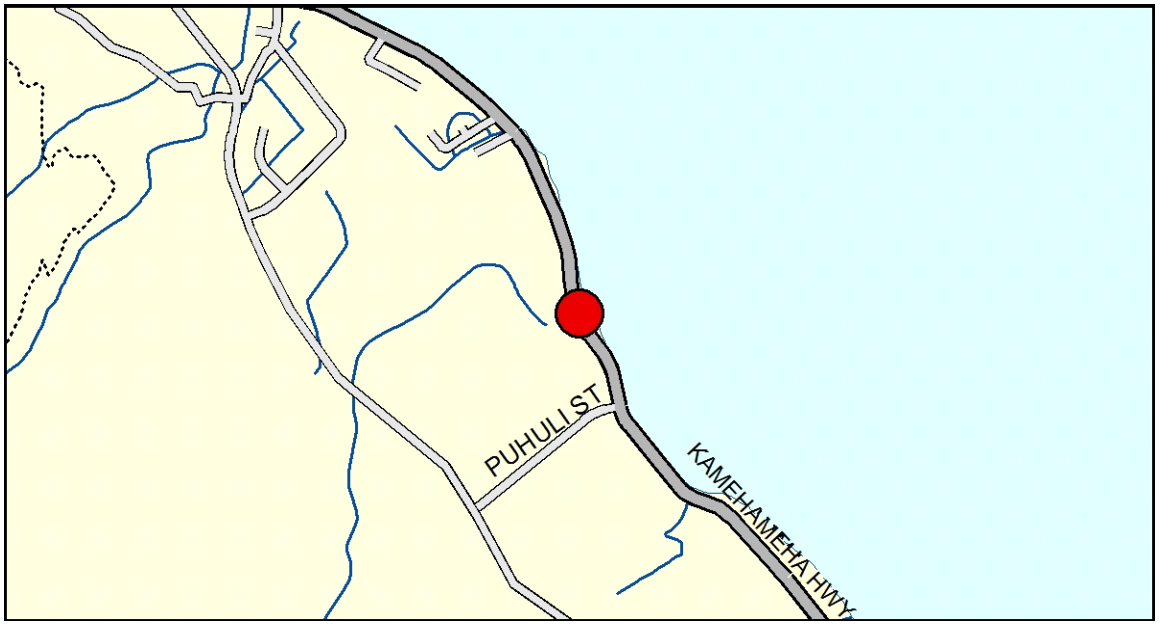
Estimated Total Project Cost: $21,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	16,580	3,264	13,316	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	10,000	-10,000	0	0	0	0	0	0	0	0	0	NHPP

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



Project Description:
Replace the existing bridge on Kamehameha Highway.

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

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

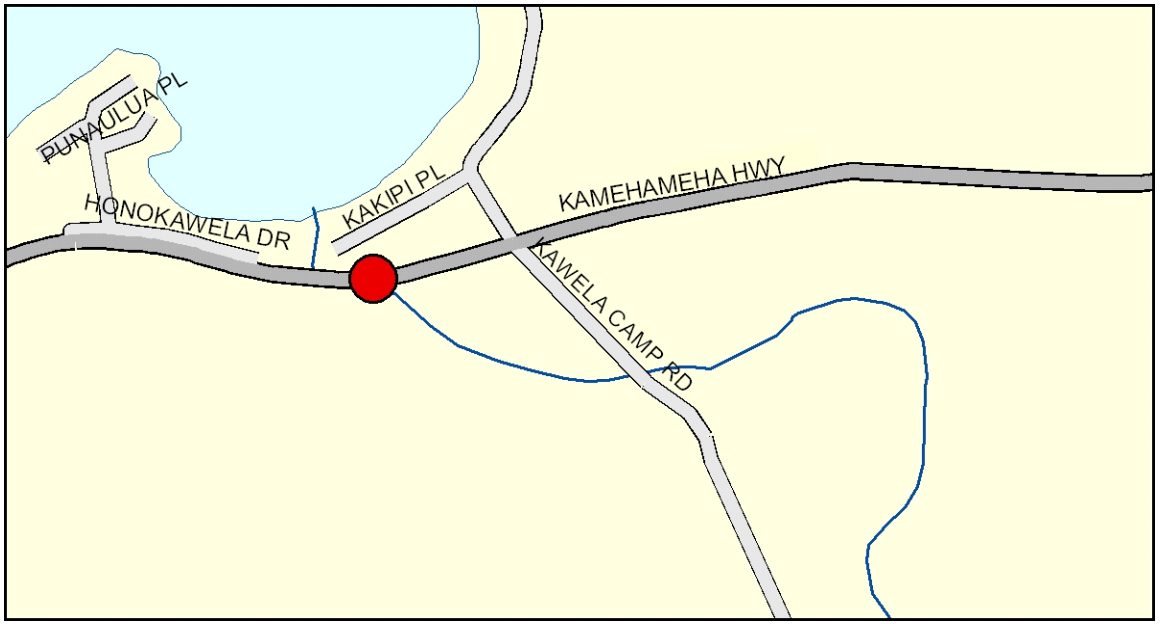
Estimated Total Project Cost: $11,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	0	0	0	650	520	130	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	9,200	2,360	6,840	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

OS30 Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge



Project Description:
Replace the existing bridge on Kamehameha Highway.

Mile Post/s: Kamehameha Highway: MP 11.00 to MP 11.40

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

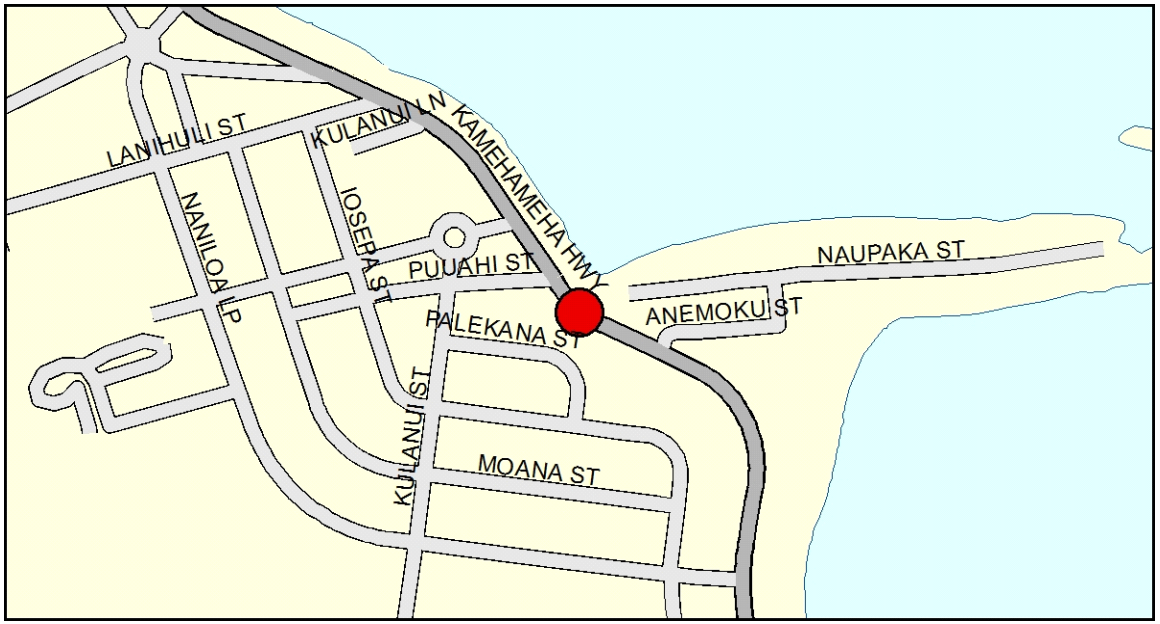
Estimated Total Project Cost: $10,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	1,100	880	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	75	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	9,735	7,788	1,947	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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



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. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

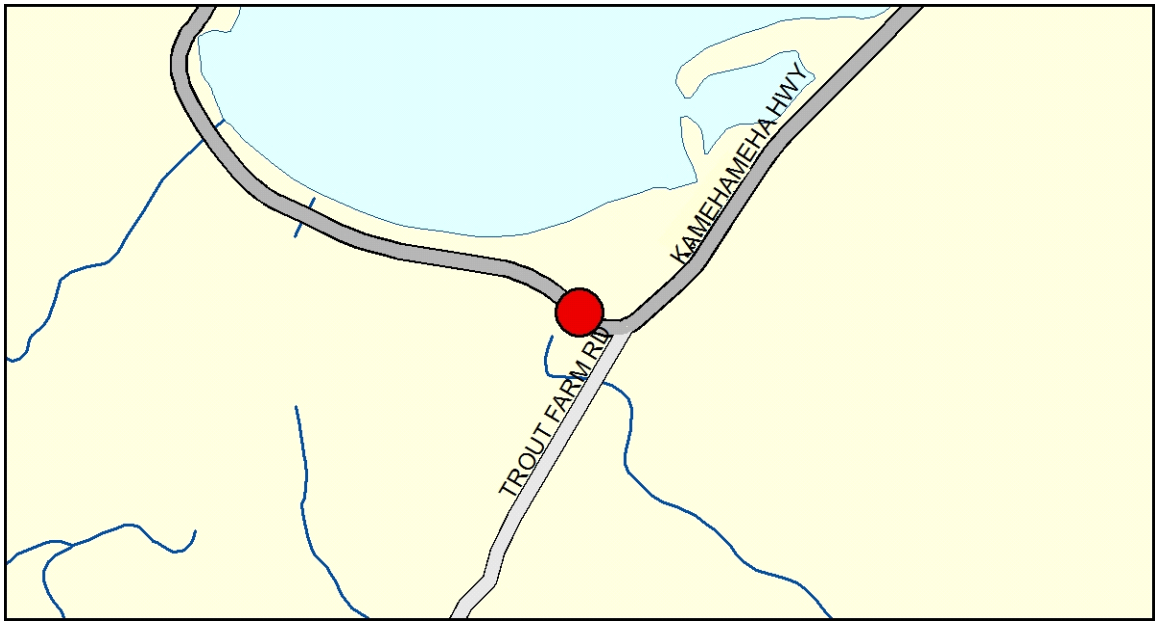
Estimated Total Project Cost: $10,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	200	160	40	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	9,360	988	8,372	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	6,500	-6,500	0	0	0	0	0	0	NHPP

OS32 Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge



Project Description:
Replace the existing bridge on Kamehameha Highway.

Mile Post/s: Kamehameha Highway: MP 26.44

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

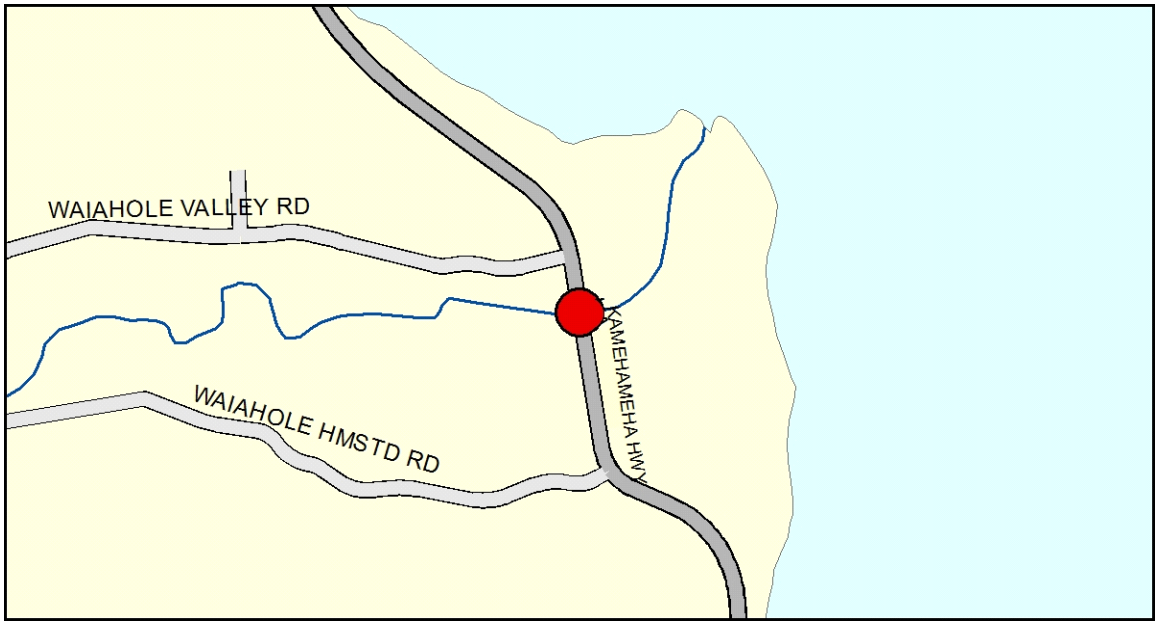
Estimated Total Project Cost: $28,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	26,000	1,800	24,200	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	9,000	-9,000	0	10,000	-10,000	0	0	0	NHPP

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



Project Description:
Replace the existing concrete structure on Kamehameha Highway.

Bicycle and pedestrian facilities will be included when feasible.

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

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Kahaluu

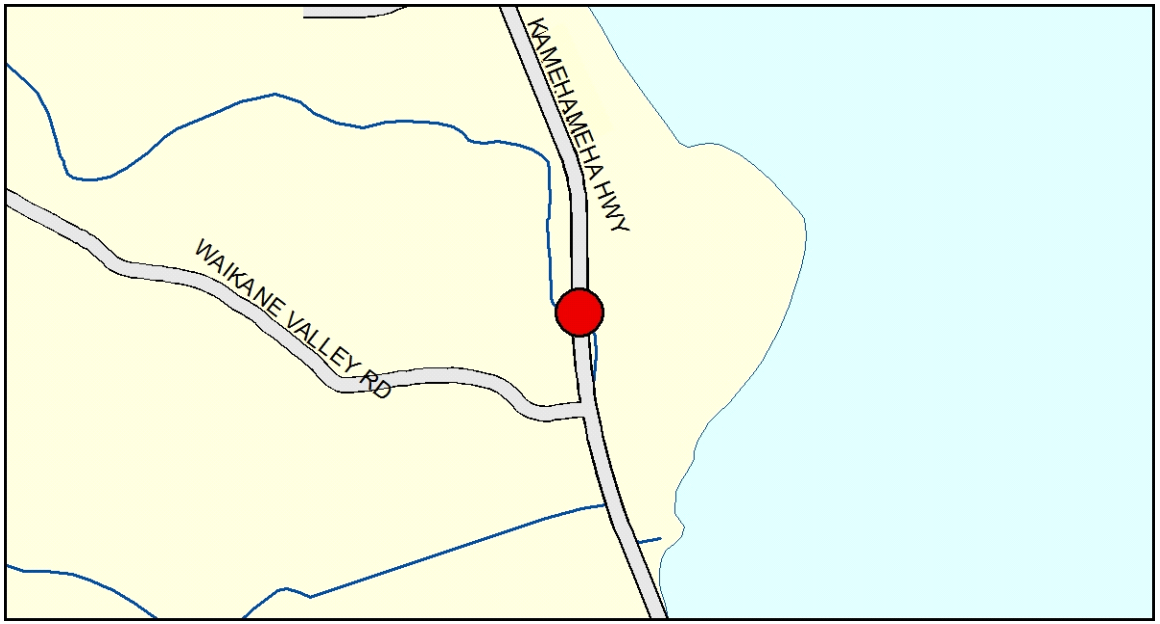
Estimated Total Project Cost: $13,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PREROW	0	0	0	110	88	22	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	562	450	112	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	11,708	4,366	7,342	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

OS35 Kamehameha Highway (Route 83), Bridge Replacement, Waikane Stream Bridge



Project Description:
Replace the existing 44-foot long bridge on Kamehameha Highway with a wider and stronger bridge to meet current State standards.

Mile Post/s: Kamehameha Highway: MP 33.77

Complete Streets (CS):

Project will implement: Bridge will be strengthened and widened to meet current State standards.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Kahaluu

Estimated Total Project Cost: $10,200,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	265	212	53	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	8,925	2,140	6,785	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

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

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. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

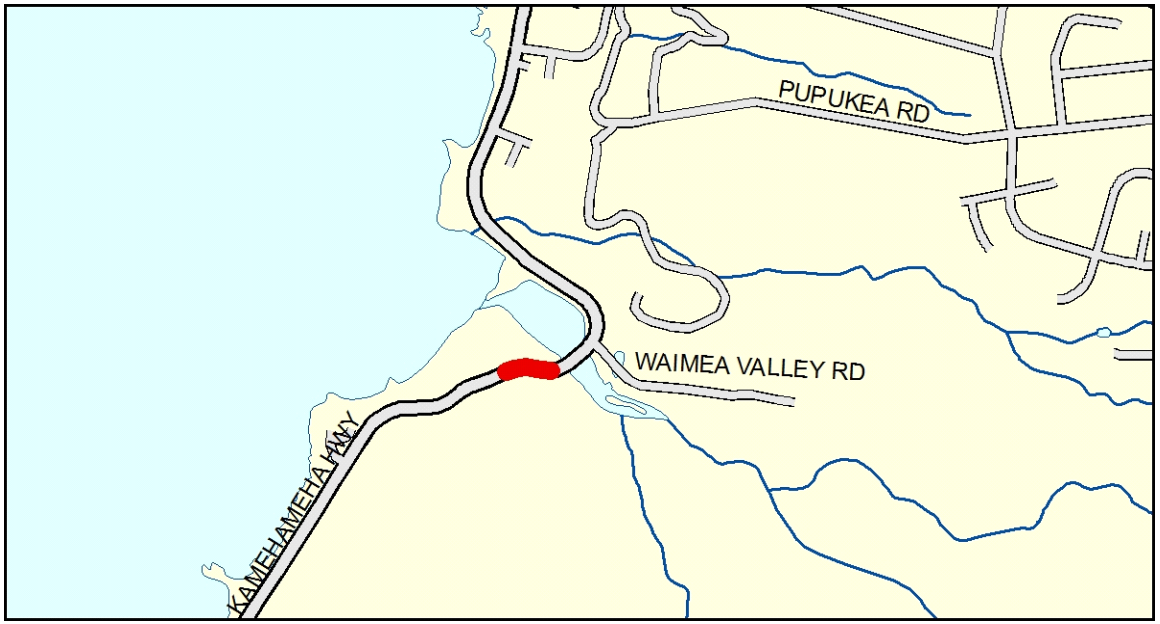
Estimated Total Project Cost: $10,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PREROW	20	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	245	196	49	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	9,078	7,262	1,816	0	0	0	0	0	0	0	0	0	NHPP

OS37 Kamehameha Highway (Route 83), Rockfall Protection, Waimea Bay



Project Description:
Install rockfall mitigation measures along Kamehameha Highway (Route 83) at Waimea Bay

Phase 1: Haleiwa
Phase 2: Sunset Beach

Mile Post/s: MP 5.4 to MP 5.52

Complete Streets (CS):

Project will implement: Not applicable
Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: $19,800,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
ROW	0	0	0	0	0	0	490	392	98	0	0	0	0	0	0	0	0	0	NHPP
Phase 1: Haleiwa																			
CON	0	0	0	0	0	0	0	0	0	10,080	8,064	2,016	0	0	0	0	0	0	NHPP
Phase 2: Sunset Beach																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,000	6,400	1,600	NHPP

OS51 Kamehameha Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vicinity of Waikane Valley Road

Project Description:
Install milled rumble strips on centerline and shoulders of the road and check superelevation along the entire road segment. Install pavement markings, striping, and signing.

Mile Post/s: MP 33.80 to MP 36.90

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Kaneohe

Estimated Total Project Cost: $3,000,000
(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 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	1,665	1,332	333	0	0	0	0	0	0	0	0	0	HSIP

OS38 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula

Project Description:
Construct shoreline protection measures for areas in Hauula along Kamehameha Highway susceptible to ocean erosion due to high wave action.

Mile Post/s: Kamehameha Highway: MP 22.20

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Koolauloa

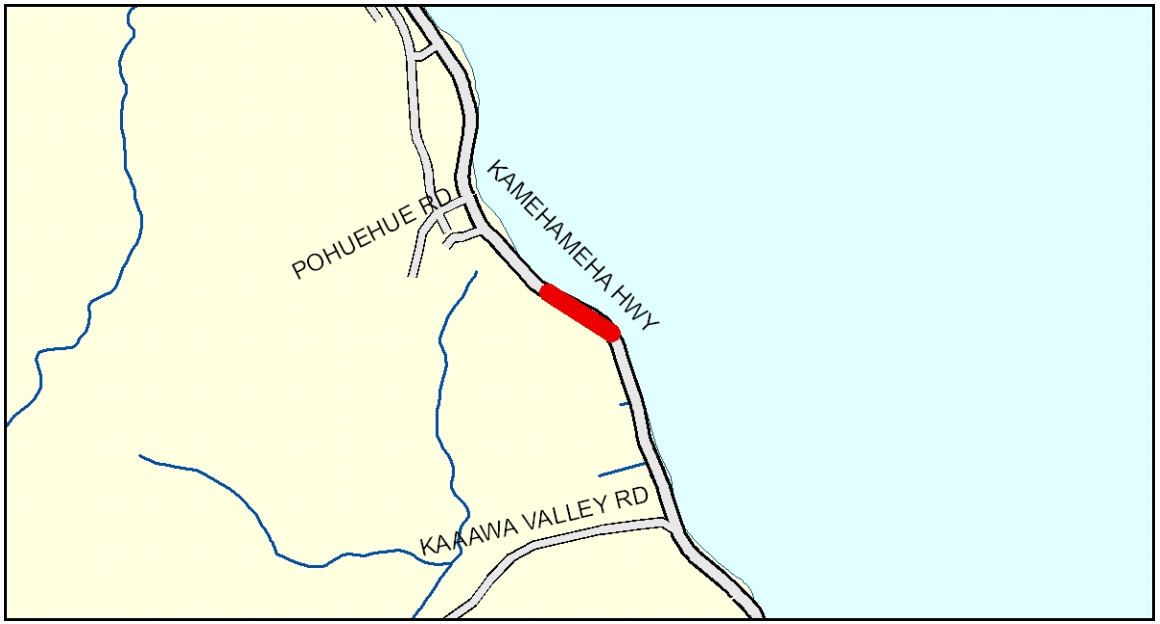
Estimated Total Project Cost: $6,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,700	4,560	1,140	NHPP

OS39 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa



Project Description:
Construct shoreline protection measures for areas in Kaaawa along Kamehameha Highway susceptible to ocean erosion due to high wave action.

Mile Post/s: Kamehameha Highway: MP 28.00

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Koolauloa

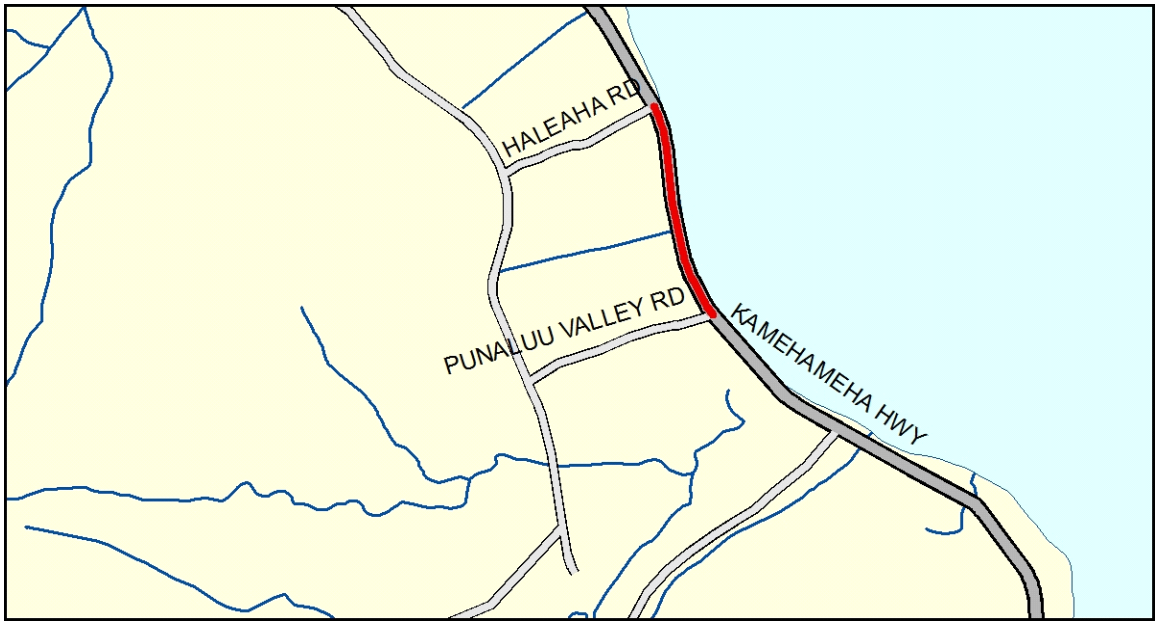
Estimated Total Project Cost: $11,400,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	10,400	8,320	2,080	0	0	0	0	0	0	0	0	0	NHPP

OS40 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Punaluu



Project Description:
Construct shoreline protection measures for areas in Punaluu along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

Mile Post/s: Kamehameha Highway: MP 23.70

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Koolauloa

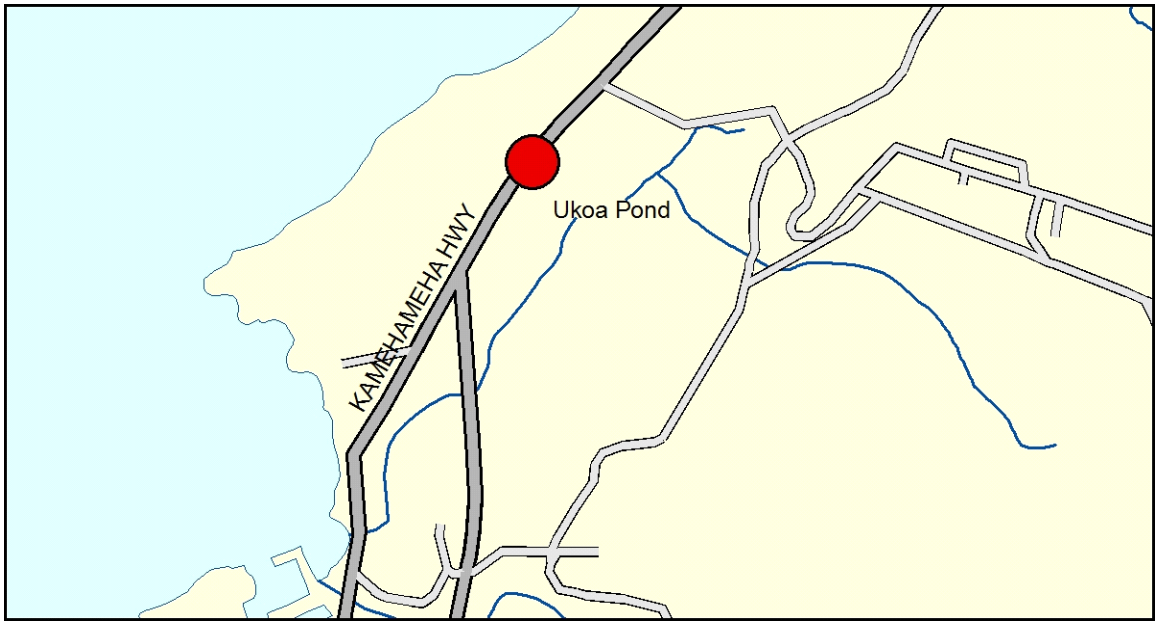
Estimated Total Project Cost: $7,900,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	7,350	880	6,470	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

OS41 Kamehameha Highway (Route 83), Wetland Enhancement, Vicinity of Ukoa Pond



Project Description:
Enhance wetlands along Kamehameha Highway (Route 83) near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.

Mile Post/s: Joseph P. Leong Highway: MP 1.67 to 1.79

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): North Shore

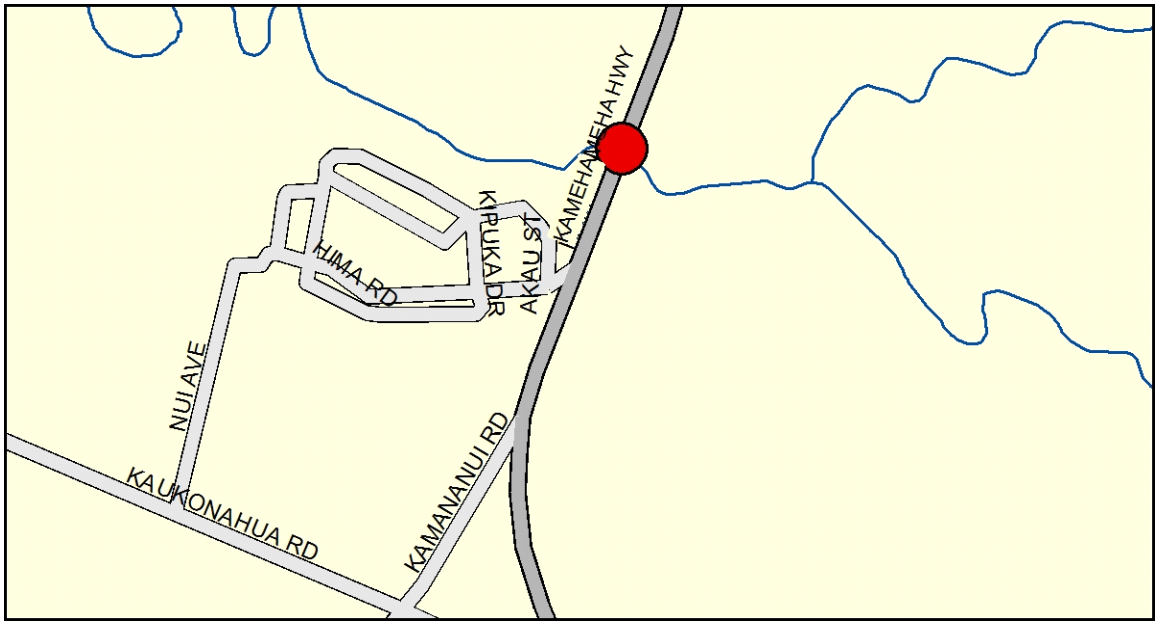
Estimated Total Project Cost: $7,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	6,500	1,200	5,300	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

OS33 Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge



Project Description:
Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.

Mile Post/s: Kamehameha Highway: MP 6.22 to MP 6.30

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Wahiawa

Estimated Total Project Cost: $22,100,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PREROW	0	0	0	106	84	22	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	1,148	918	230	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	18,360	5,688	12,672	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,000	-9,000	NHPP

OS55 Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge

Project Description:
Install milled rumble strips on centerline and shoulders, check superelevation along entire segment, and install pavement markings, striping, and signage on Kamehameha Highway (Route 83) from Kahana Valley Road to Kaaawa Bridge.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Koolauloa

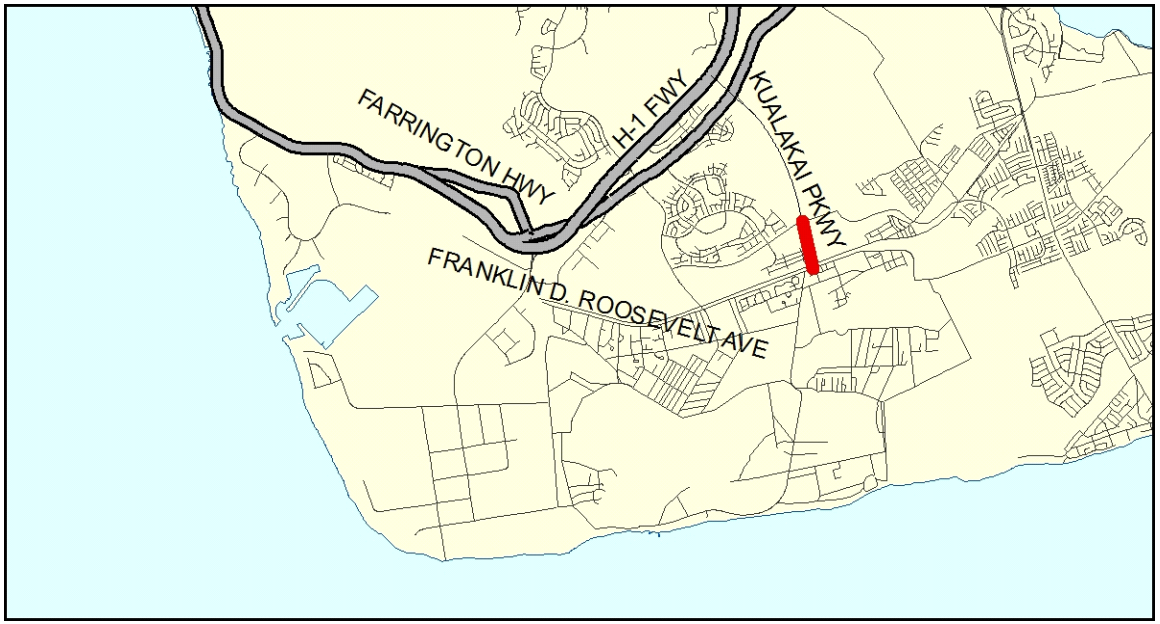
Estimated Total Project Cost: $1,650,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	1,600	1,280	320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS42 Kualakai Parkway (Route 8930) Extension



Project Description:
Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue. The design details are not yet known. Therefore, pedestrian and bicycle elements have not yet been determined.

Mile Post/s: North-South Road: MP 2.47 to MP 3.00

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Ewa

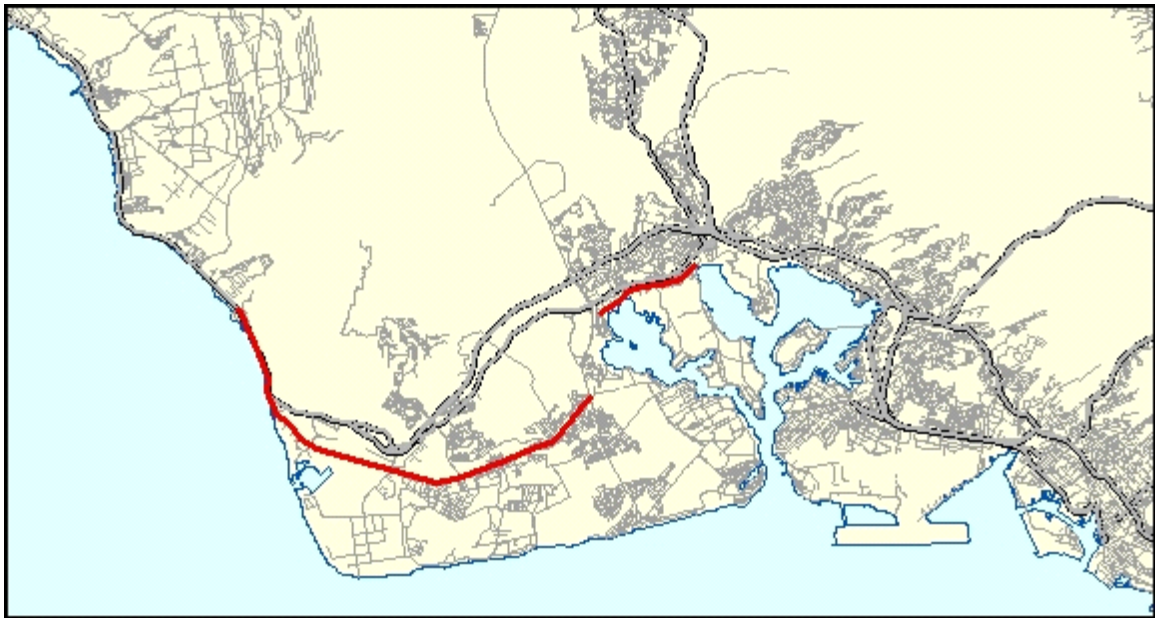
Estimated Total Project Cost: $20,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	17,700	160	17,540	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	0	0	0	4,000	-4,000	0	10,000	-10,000	0	0	0	STP Flex

OS43 Leeward Bikeway, Phase I and II, Waipio Point Access Road to Lualualei Naval Road



Project Description:
Improve the bikeway/bike path from the Waipio Point Access Road to Lualualei Naval Road.

Under MAP-21, the Transportation Enhancements (TE) activities were replaced with the Transportation Alternatives Program (TAP). However, this project is continuing to use TE funds, since MAP-21 states that the original TE activities remain eligible for TE funds that were previously apportioned until the TE funds are obligated, rescinded, or lapsed.

Mile Post/s: Not applicable.

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

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

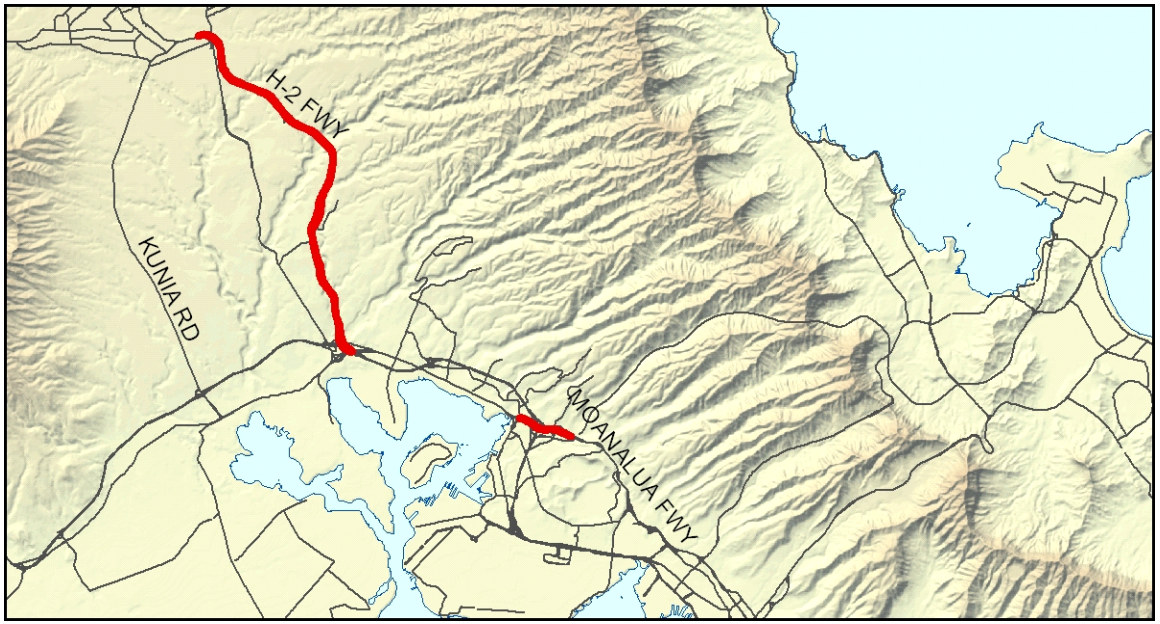
Estimated Total Project Cost: $19,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 1 - Waipio Point Access Road to Hawaiian Railway Society																			
CON	0	0	0	9,000	7,200	1,800	0	0	0	0	0	0	0	0	0	0	0	0	Enhance
Phase II - Hawaiian Railway Society Train Station to Lualualei Naval Road																			
PREROW	0	0	0	106	84	22	0	0	0	0	0	0	0	0	0	0	0	0	Enhance
ROW	0	0	0	0	0	0	0	0	0	3,000	2,400	600	0	0	0	0	0	0	Enhance
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,900	3,120	780	Enhance

OS44 Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements



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: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

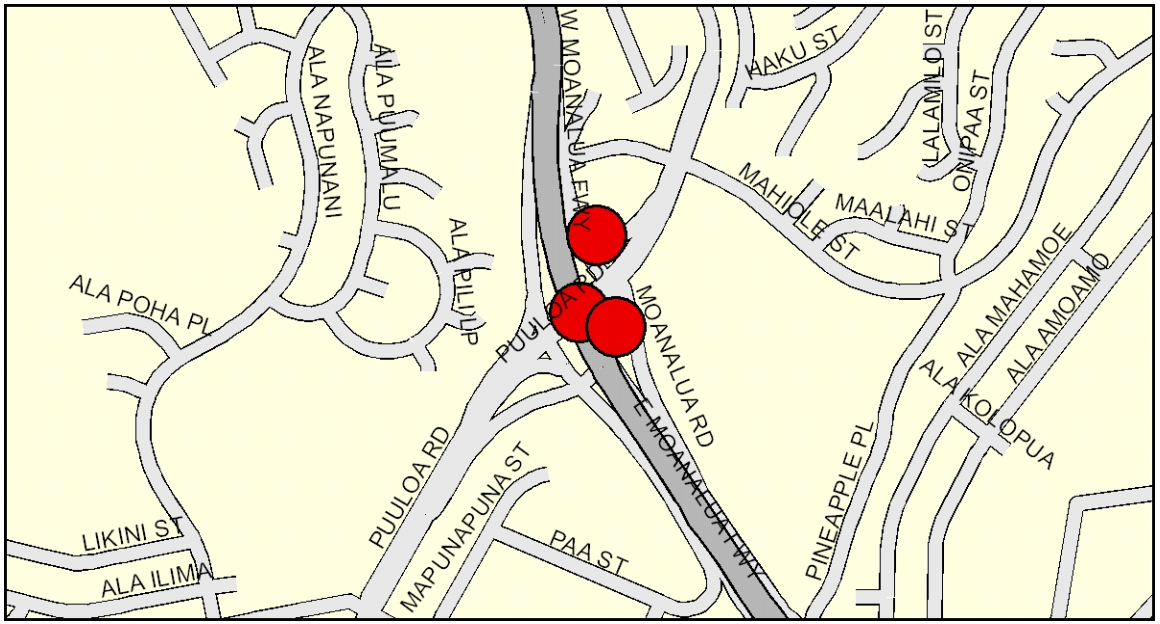
Estimated Total Project Cost: $6,720,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	6,120	4,896	1,224	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS48 Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation



Project Description:
Retrofit interchange structure to meet current seismic standards.

Mile Post/s: Moanalua Freeway: MP 2.68 to MP 2.94

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s):

Estimated Total Project Cost: $7,200,000
(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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	6,580	0	6,580	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	5,264	-5,264	0	0	0	0	0	0	NHPP

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

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: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Moanalua, Kalihi-Palama, Aliamanu-Salt Lake-Foster Village, Airport

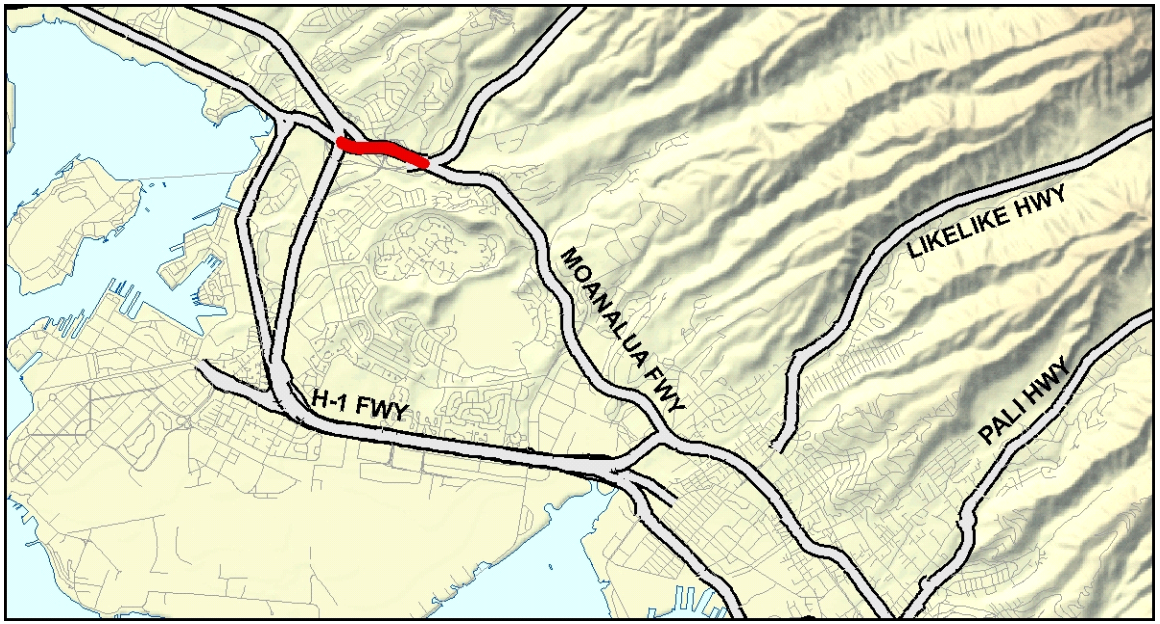
Estimated Total Project Cost: $6,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	6,120	5,508	612	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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



Project Description:
Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the Interstate Route H-3 Freeway overpass (milepost 0.73).

Mile Post/s: MP 0.00 to MP 0.73

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Aiea

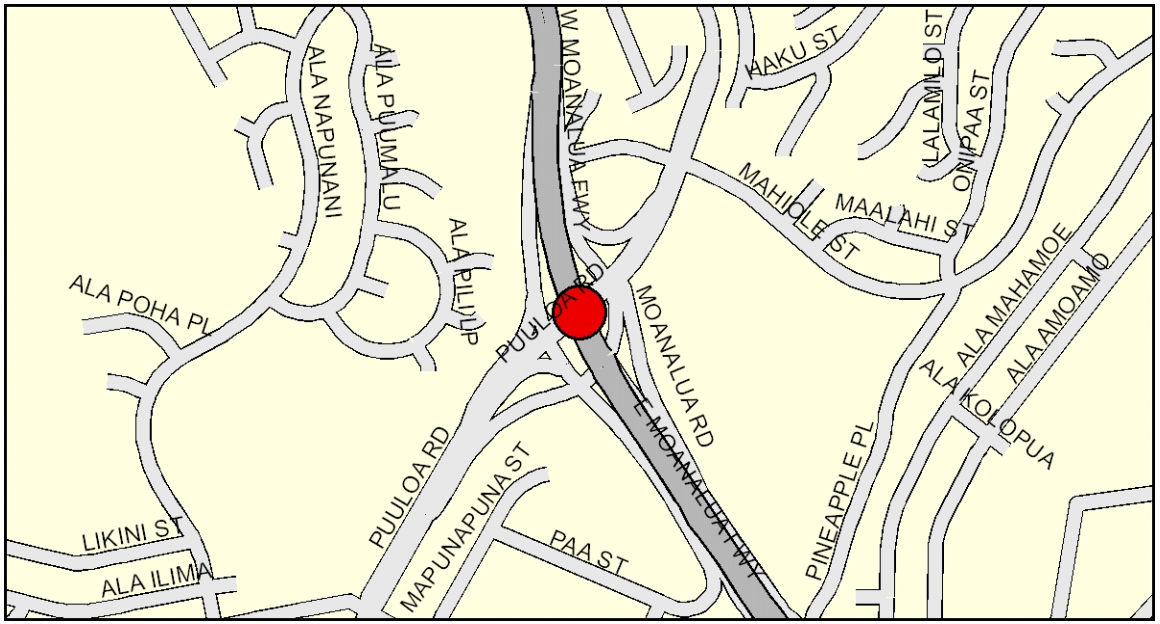
Estimated Total Project Cost: $2,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

													FOR INFORMATION ONLY						
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	2,435	1,948	487	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS47 Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"



Project Description:
Retrofit interchange structure to meet current seismic standards.

Mile Post/s: Moanalua Freeway: MP 2.68 to MP 2.94

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Airport, Moanalua, Aliamanu-Salt Lake-Foster Village

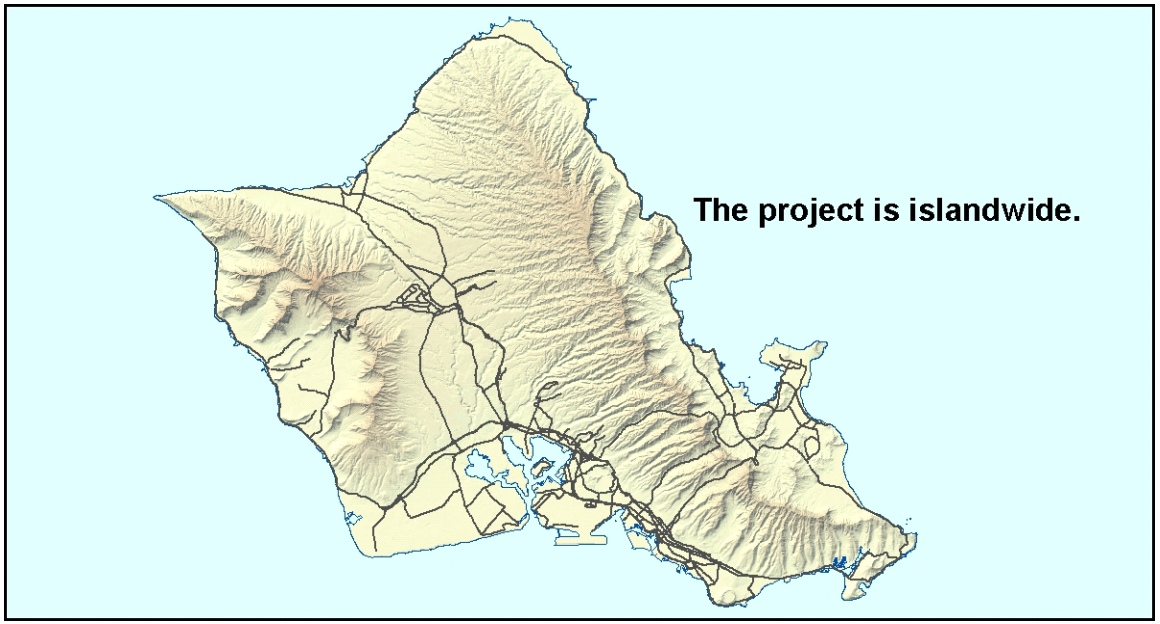
Estimated Total Project Cost: $4,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	4,030	224	3,806	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

OS49 Recreational Trails Program-Oahu



Project Description:
A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Airport, Moanalua, Aliamanu-Salt Lake-Foster Village

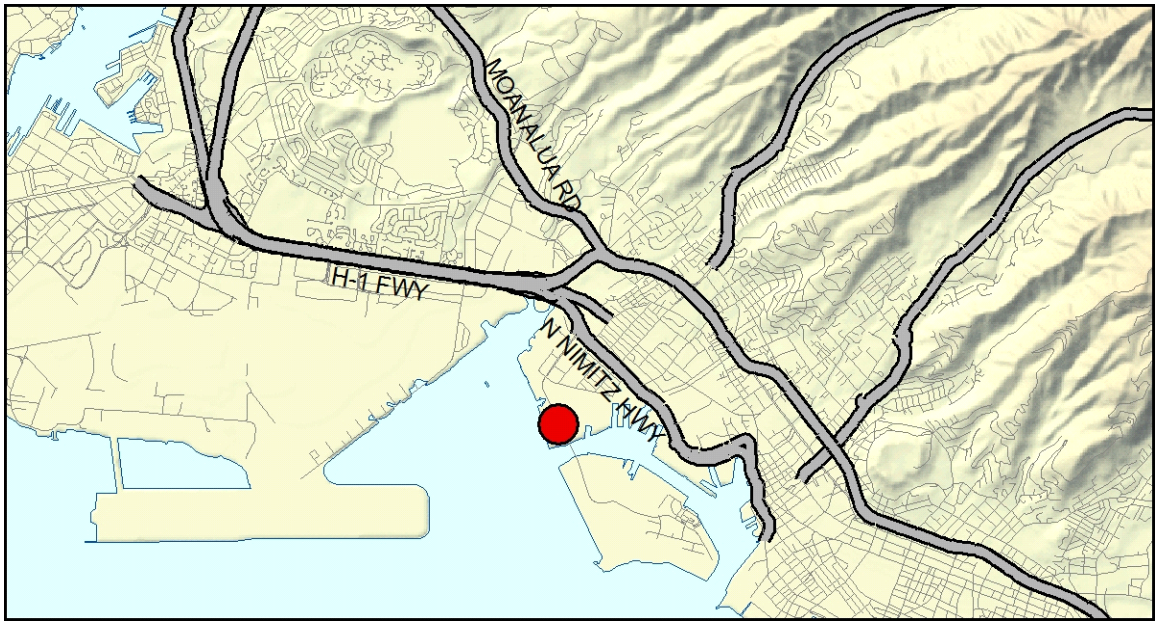
Estimated Total Project Cost: $2,154,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
Department of Land and Natural Resources

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	Rec Trails Prog

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



Project Description:
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. This includes auxiliary lanes to accommodate trucks, traffic controls, truck weighing infrastructure and computer hardware/software, operator kiosk/office.

Mile Post/s: MP 1.86 to MP 2.12

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Kalihi-Palama

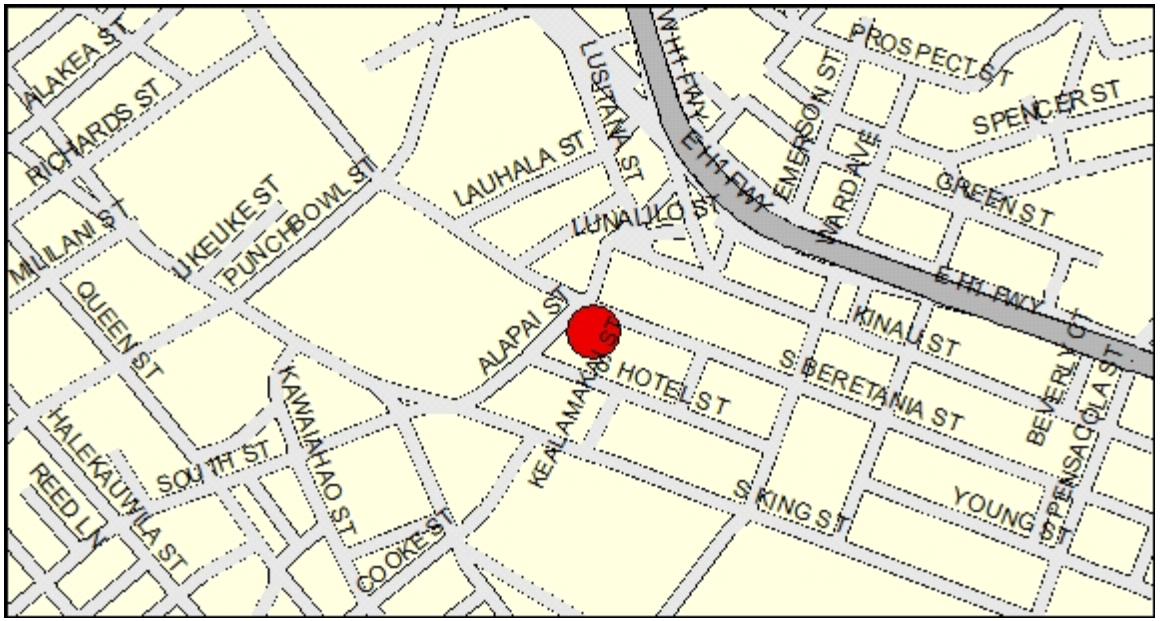
Estimated Total Project Cost: $6,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	0	0	0	135	106	29	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	130	103	27	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	NHPP

OC1 Alapai Transportation Management Center



Project Description:
The transportation management center will be a joint communication center to be built next to the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

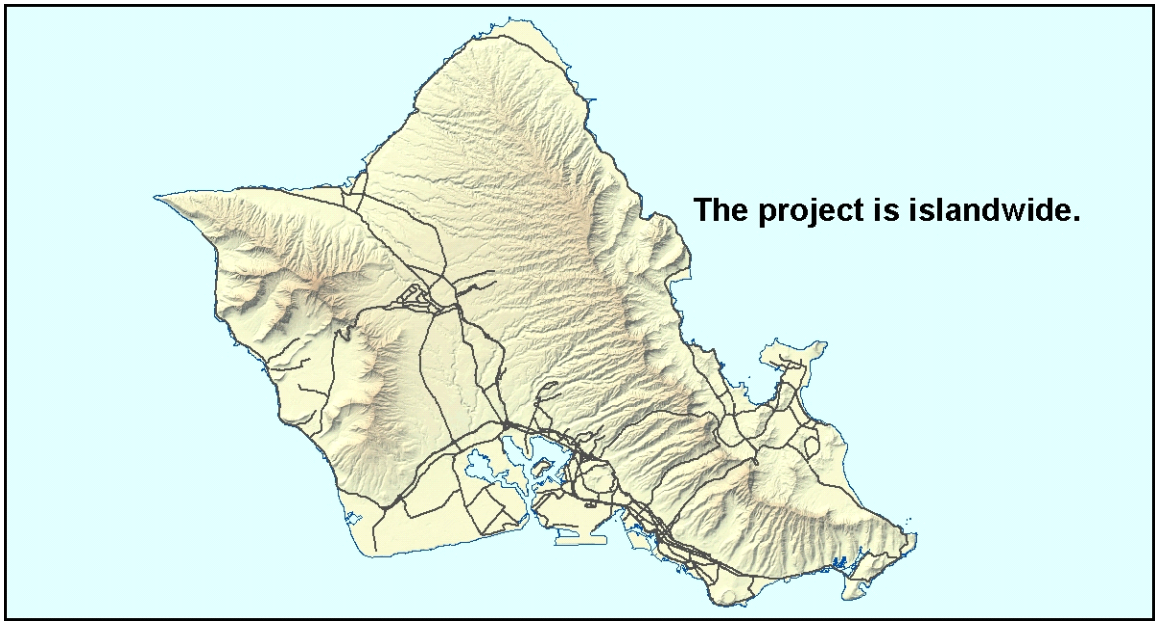
Estimated Total Project Cost: $96,013,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	1	0	1	1	0	1	10	0	10	0	0	0	0	0	0	0	0	0	Local Only
CON	23,770	0	23,770	23,373	0	23,373	25	0	25	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	12,674	-12,674	0	10,535	-10,535	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	1	0	1	1,700	0	1,700	200	0	200	0	0	0	0	0	0	0	0	0	Local Only

OC2 Bikeway Improvements Program



Project Description:
This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle facilities. Projects include the Hamakua Drive Bikeway Improvements and the Pearl Harbor Bike Path Restoration.

Mile Post/s: MP 6.71 to MP 7.32

Complete Streets (CS):

Project will implement: Pearl Harbor Bike Path Rehabilitation; Bicycle lanes of 5 feet or greater width and shared-use paths of 10 feet or greater width; Kalakaua Avenue Bike study; Bicycle lanes of 5 feet or greater width

Existing Feature/s: Pearl Harbor Bike Path Rehabilitation; Bicycle parking facilities and street furniture; Hamakua Drive Bikeway Improvements; Bicycle lanes of 5 feet or greater width, intersection bicycle boxes; Kalakaua Avenue Bike study; Bicycle lanes of 5 feet or greater width, shared-use paths of 10 feet or greater width, accessible curb ramps, and pedestrian underpasses or overpasses

Project Website: www.oahubikeplan.org

Neighborhood(s): Islandwide

Estimated Total Project Cost: $11,198,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

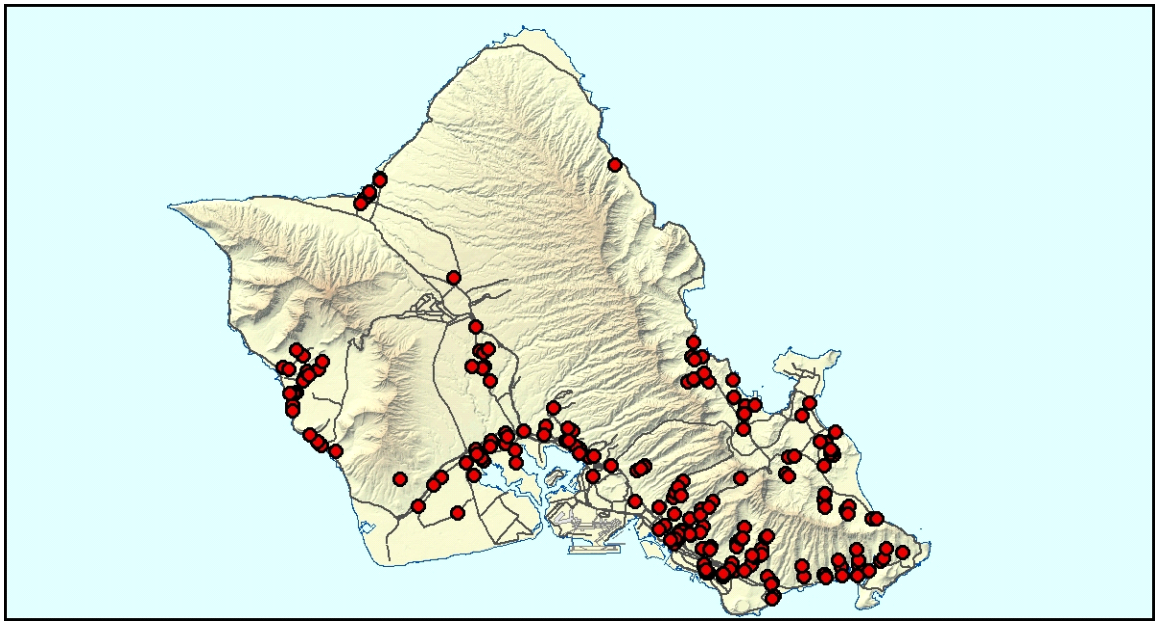
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Hamakua Drive (Route 6010)																			
CON	0	0	0	663	530	133	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC2 Bikeway Improvements Program

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Hamakua Drive (Route 6010)																			
INSP	0	0	0	153	122	31	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Pearl Harbor Bike Path																			
CON	0	0	0	0	0	0	1,734	1,387	347	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	0	0	0	306	245	61	0	0	0	0	0	0	0	0	0	STP Flex
TBD																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	0	102	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306	0	306	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
TBD - CON 2018																			
DES	0	0	0	0	0	0	255	204	51	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	1,607	1,087	520	0	0	0	0	0	0	STP Flex
INSP	0	0	0	0	0	0	0	0	0	153	122	31	0	0	0	0	0	0	STP Flex
TBD - CON 2019																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,397	1,877	520	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	153	122	31	0	0	0	STP Flex
TBD - CON 2020																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,397	1,877	520	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153	122	31	STP Flex
TBD - DES 2018																			
PLN	0	0	0	0	0	0	0	0	0	102	0	102	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	306	0	306	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	Local Only
TBD - DES 2019																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	102	0	102	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	306	0	306	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	Local Only

OC3 Bridge Inspection and Appraisal



Project Description:
Inventory, inspect, and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation, and preparation of plans for bridge repairs.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

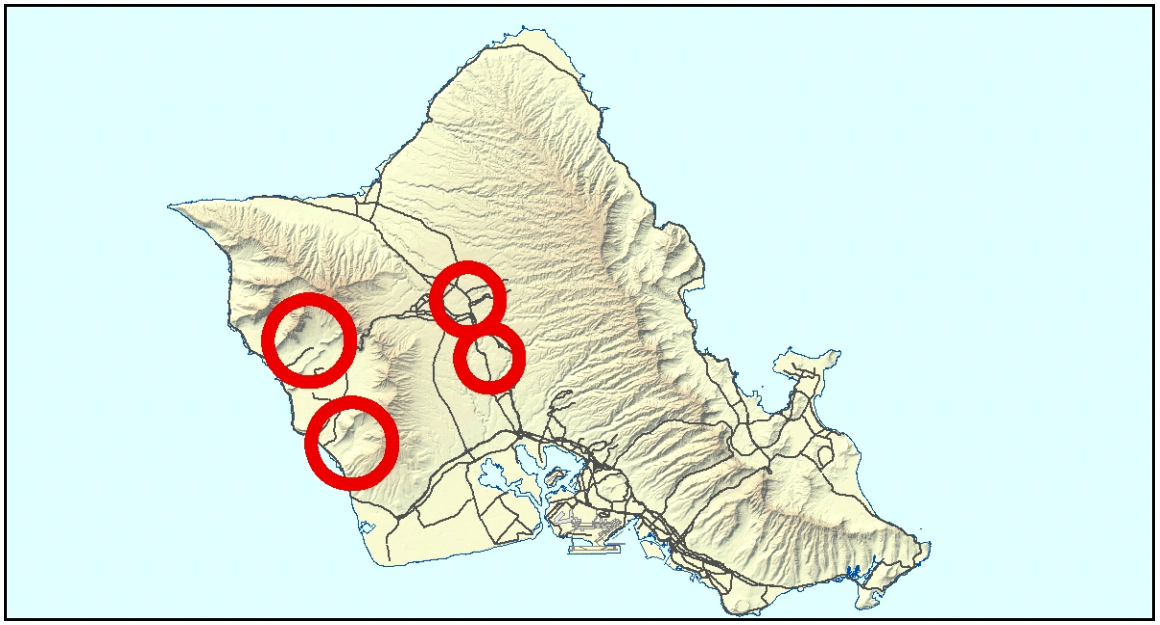
Estimated Total Project Cost: $5,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
City Department of Design and Construction

													FOR INFORMATION ONLY						
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	Bridge Off

OC4 Computerized Traffic Control System



Project Description:
Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $13,403,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

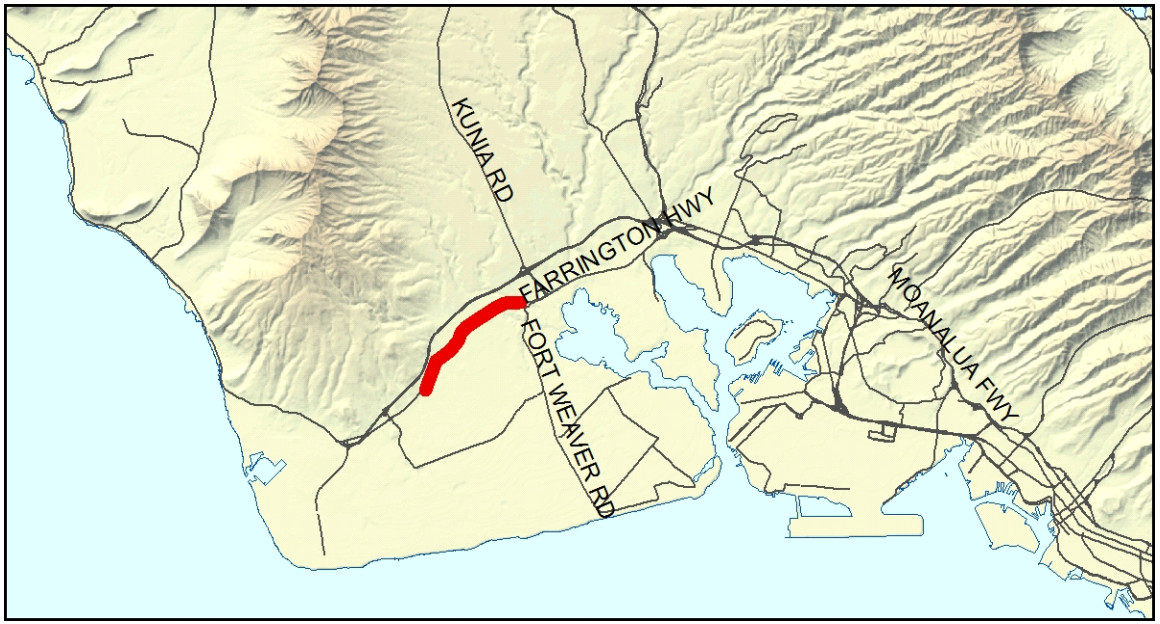
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 14: Mililani Town																			
DES	0	0	0	0	0	0	350	280	70	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	4,000	3,200	800	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	Local Only
Phase 15: Wahiawa																			
DES	0	0	0	0	0	0	0	0	0	350	280	70	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	4,000	3,200	800	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	Local Only
Phase 16: Nanakuli/Waianae																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	350	280	70	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000	3,200	800	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
Phase 17: TBD																			

OC4 Computerized Traffic Control System

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 17: TBD																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350	280	70	STP Flex

OC5 Farrington Highway (Routes 7110 and 9107) Improvements, Phase 1



Project Description:
Improve the two-lane undivided Farrington Highway between Fort Weaver Road and Kapolei Golf Course Road to implement future transportation plans and accommodate future transportation needs. This project will be constructed in phases.

Mile Post/s: Pending

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

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

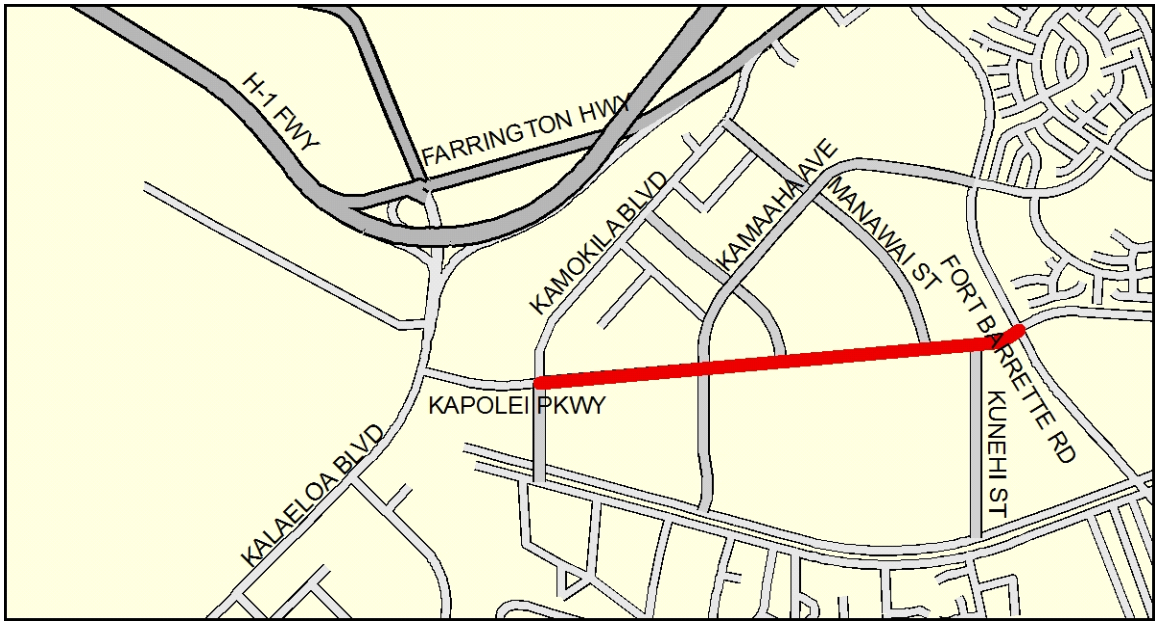
Estimated Total Project Cost: $100,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
City Department of Design and Construction

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC6 Kapolei Parkway Extension (Route 8920)



Project Description:
This project will provide an extension of the existing Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected.

Mile Post/s: Pending

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: Bicycle lanes of 5 feet or greater width, paved shoulders, accessible curb ramps, new or wider sidewalks, pedestrian countdown signals, pedestrian signals, such as audible or vibrotactile indicators, planting strips, raised medians or refuge islands, and street trees

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

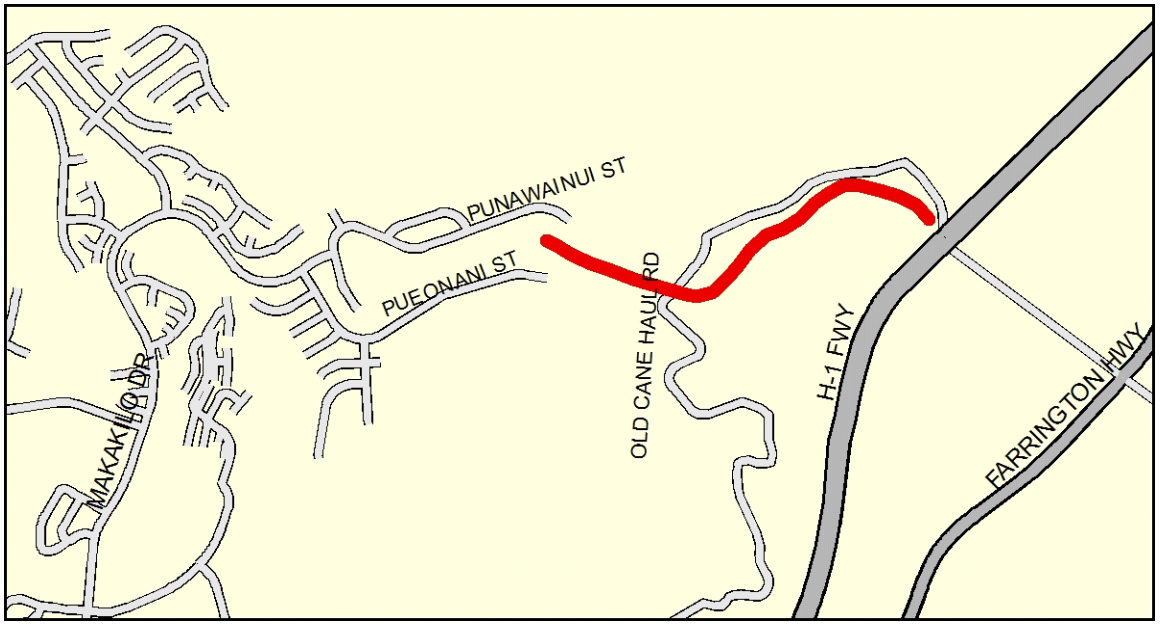
Estimated Total Project Cost: $21,589,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	240	0	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC7 Makakilo Drive (Route 8810) Extension



Project Description:
Construct an extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.

Mile Post/s: Pending

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: Bicycle lanes of 5 feet or greater width, paved shoulders, accessible curb ramps, new or wider sidewalks, pedestrian countdown signals, pedestrian signals, such as audible or vibrotactile indicators, planting strips, raised medians or refuge islands, and street trees

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

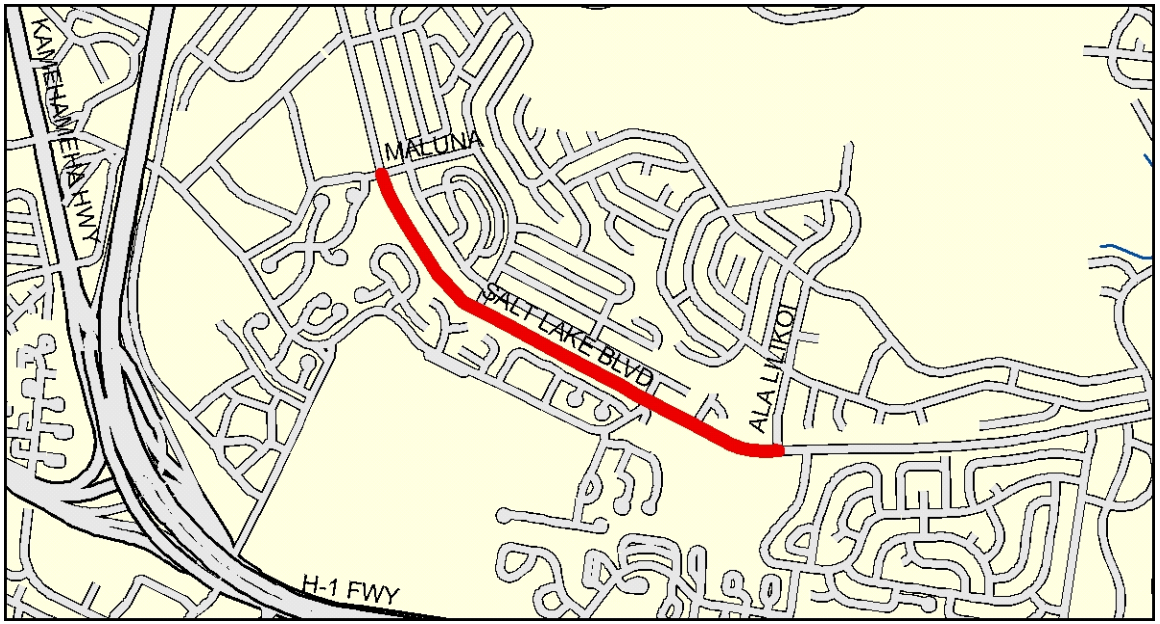
Estimated Total Project Cost: $46,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
DES	0	0	0	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	20,000	4,000	16,000	20,000	4,000	16,000	STP Flex

OC23 Salt Lake Boulevard Widening, Phase 3



Project Description:
To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Lilikoi Streets.

Mile Post/s:

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

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

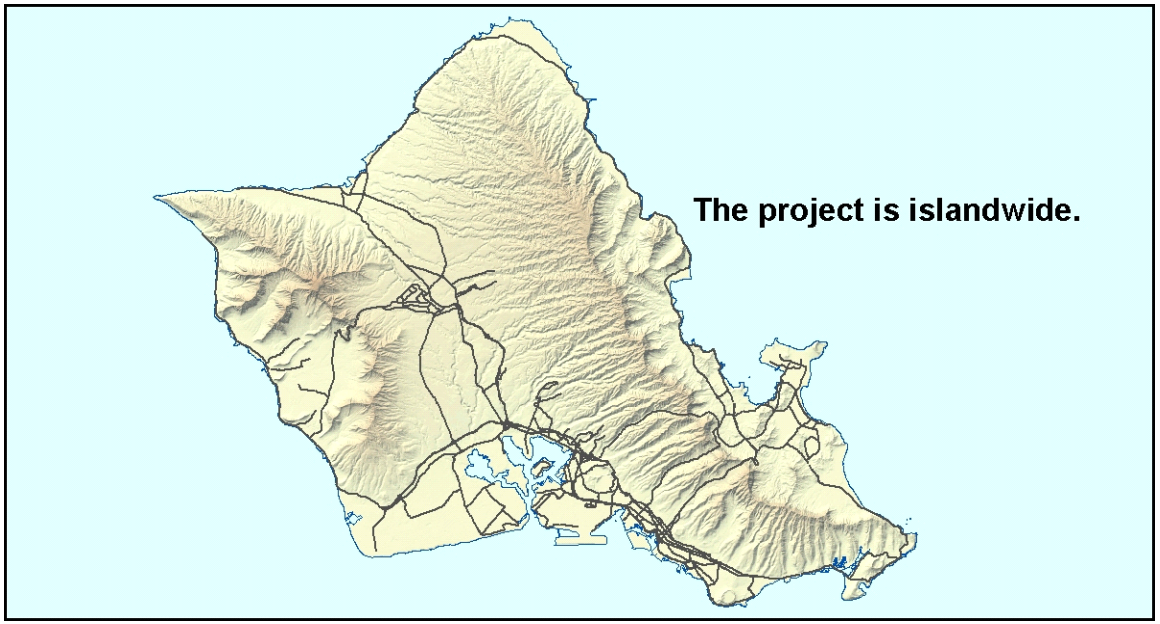
Estimated Total Project Cost: $60,930,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	0	0	0	0	0	0	30,930	8,930	22,000	30,000	8,000	22,000	0	0	0	0	0	0	STP Flex

OC8 Traffic Improvements at Various Locations



Project Description:
Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park, and Kupuna Loop areas; Kalaheo Avenue/Kailua Road; Dillingham Boulevard; and Waiakamilo Road. Other locations are to be determined.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Kalapawai Triangle: Street trees, Village park-Paved shoulders, accessible curb ramps, and pedestrian countdown signals

Existing Feature/s: Kalapawai Triangle: New or wider sidewalks, planting strips, raised medians or refuge islands, roundabouts or mini-circles, and traffic calming features; Village Park: Shared-use paths of 10 feet or greater width, curb extension, new or wider sidewalks, pedestrian signals, such as audible or vibrotactile indicators, planting strips, raised medians or refuge islands, street trees, roundabouts; or mini-circles, and traffic calming features, Palolo Traffic Calming: Curb extension, accessible curb ramps, new or wider sidewalks, pedestrian countdown signals, pedestrian signals, such as audible or vibrotactile indicators, planting strips, raised medians or refuge islands, street trees, roundabouts or mini-circles, and traffic calming features

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $10,892,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

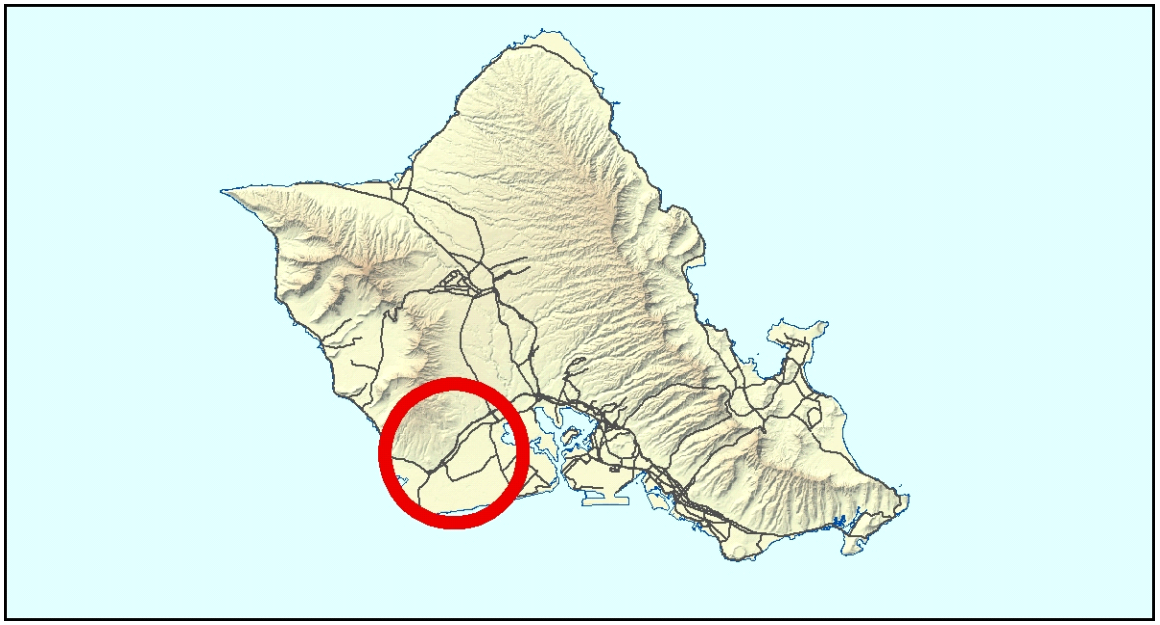
Project Sponsor: City and County of Honolulu (FHWA Funded)

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

OC8 Traffic Improvements at Various Locations

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Kalaheo Avenue/Kailua Road																			
ROW	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	1,500	1,200	300	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Palolo - 9th Avenue/10th Avenue																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
TBD - CON 2017																			
DES	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	1,250	1,000	250	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	0	0	0	125	100	25	0	0	0	0	0	0	0	0	0	STP Flex
TBD - CON 2018																			
PLN	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	341	284	57	0	0	0	0	0	0	0	0	0	STP Flex
ROW	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	1,133	900	233	0	0	0	0	0	0	STP Flex
TBD - CON 2019																			
PLN	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	218	174	44	0	0	0	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,500	1,200	300	0	0	0	STP Flex
INSP	0	0	0	0	0	0	0	0	0	125	100	25	0	0	0	0	0	0	STP Flex
TBD - CON 2020																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	500	400	100	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500	1,200	300	STP Flex
INSP	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	STP Flex
TBD - CON 2021																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500	400	100	STP Flex
Village Park/Kupuna Loop																			
DES	450	360	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC9 Traffic Signal Optimization



Project Description:
Optimize traffic signal timing, coordination, and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for approximately 150 traffic signals located in various areas on Oahu. Tasks include field studies and data collection, implementing computer networks and calibrating for existing conditions, optimizing timing with computer, and implementing and testing timing in the field.

The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $803,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

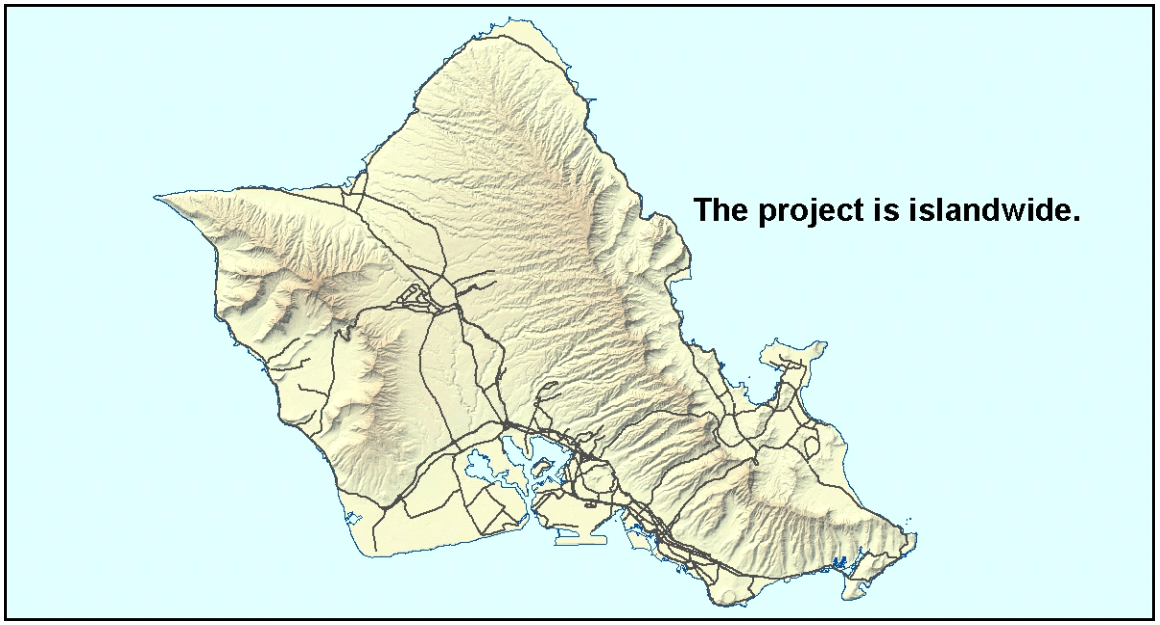
Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 6 (Kapolei, Ewa, and Makakilo areas)																			
PLN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	600	500	100	0	0	0	0	0	0	0	0	0	STP Flex
Phase 7 (TBD)																			
PLN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	STP Flex
Phase 8 (TBD)																			

OC9 Traffic Signal Optimization

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 8 (TBD)																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	Local Only

OC10 Traffic Signals at Various Locations



Project Description:
Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds left-turn phases, increases signal visibility, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually by a priority listing.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $23,690,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

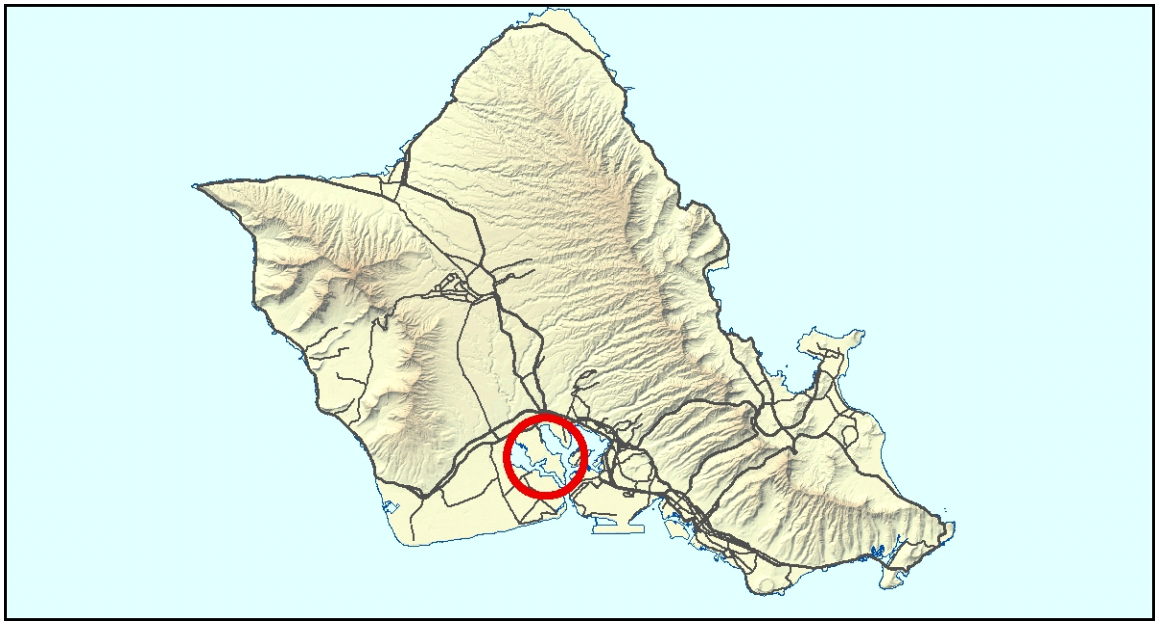
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 15 - South King Street/Kealamakai Street, Prospect Street/Prospect Place (Flashing beacon with signs), Makaloa Street/Sheridan Street, Prospect Street, California Avenue/Wahiawa District Park																			
CON	3,496	2,800	696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Phase 16 - Kapiolani Boulevard/Kaimuki Avenue, King Street/Ward Avenue, Salt Lake Boulevard/Radford Drive, Ulune Street/Service Road, Farrington Highway/Nanaikeola Street, Nehoa Street/Mott-Smith Drive, Ala Ilima Street/Ala Lilikoi Street, Kamehameha Highway/Lipoa Street, Atkinson Drive/Mahukona Street																			
CON	0	0	0	3,566	2,856	710	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

OC10 Traffic Signals at Various Locations

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
Phase 17 - Kuulei Road/Aulike Street, Kamehameha Highway/Haiku Road, King Street/Church Lane, Ahua Street/Kilihau Street, Kuala Street/Acacia Road, King Street/Pensacola Street, Kamehameha Highway/Pahia Road																			
CON	0	0	0	0	0	0	3,758	2,993	765	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	Local Only
Phase 18 - Renton Road/Pahika Street, Kapiolani at Pumehana Street (Rapid Flashing Beacons), School Street/Houghtailing Street, Kapiolani Boulevard/Atkinson Drive, Kapiolani Boulevard/Kalakaua Avenue, Moanalua Road/Hoomalu Street																			
DES	438	350	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	2,825	2,060	765	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	Local Only
Phase 19 - TBD																			
DES	0	0	0	447	357	90	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	4,121	3,300	821	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	Local Only
Phase 20 - TBD																			
DES	0	0	0	0	0	0	447	357	90	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,121	3,300	821	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	Local Only
Phase 21 - TBD																			
DES	0	0	0	0	0	0	0	0	0	447	357	90	0	0	0	0	0	0	STP Flex

OC11 Waipio Point Access Road Improvements (Route 7139)



Project Description:
Construct various improvements to Waipio Point Access Road, including drainage, parking, roadway, and pedestrian/bike improvements. Improve traffic on a two-lane collector road between the entrance to Waipio Soccer Park and the Oahu Railway and Land Company (OR&L) bicycle/pedestrian path. Project improvements would fulfill Grant of Easement (GOE) requirements that were conditions imposed upon the City as part of the access needs for the Waipio Soccer Park complex development.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Bicycle lanes of 5 feet or greater width and shared-use paths of 10 feet or greater width

Existing Feature/s: Paved shoulders and shared-use paths of 10 feet or greater width

Project Website: None

Neighborhood(s): Waipahu

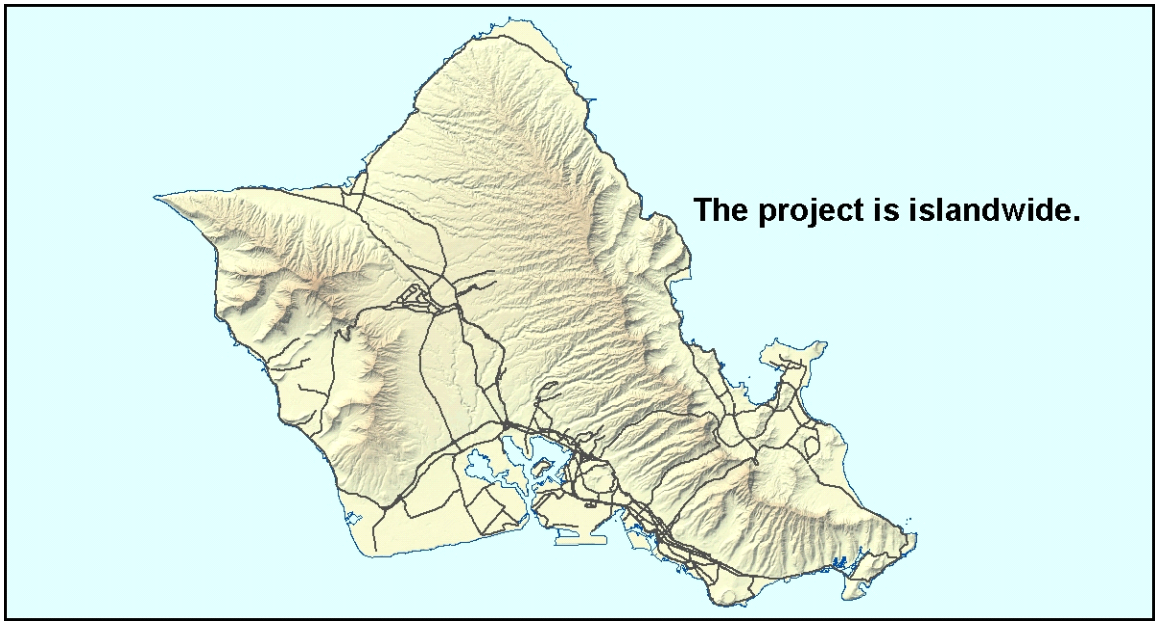
Estimated Total Project Cost: $3,753,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FHWA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
CON	158	96	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OS50 Transportation Assistance for Elderly and Disabled



Project Description:
Funds from the program will be utilized for the purchase of buses for seniors and individuals with disabilities.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

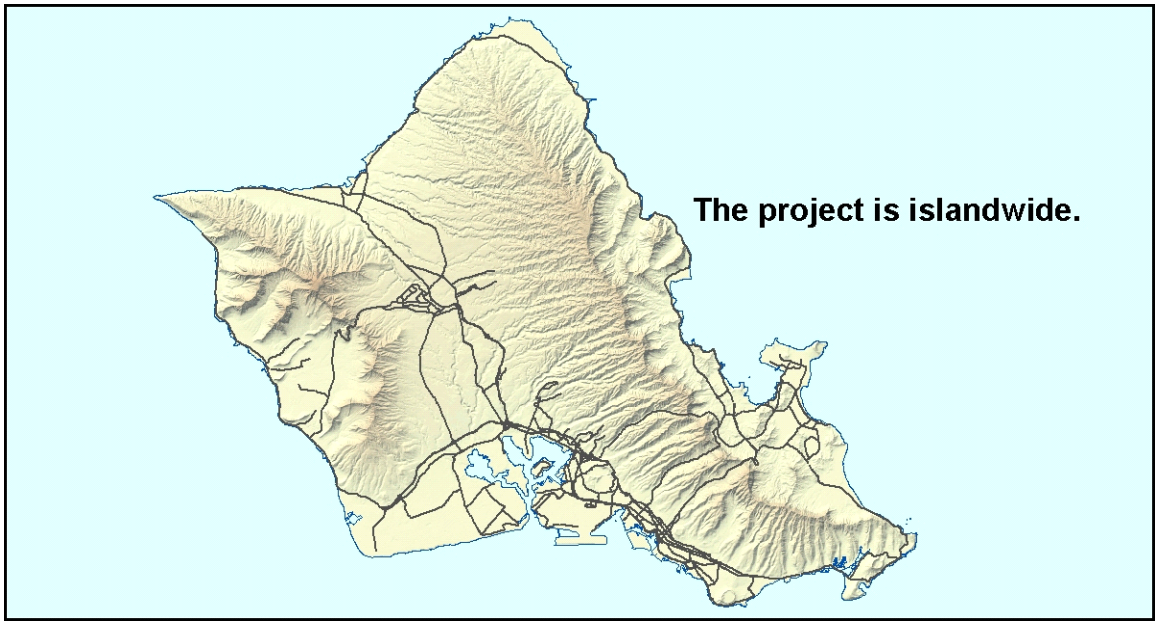
Estimated Total Project Cost: $7,156,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	§5310-Urban

OC12 Agency-Provided Trips



Project Description:
Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service. The result of this service by agencies would reduce overall operating costs while improving service quality for riders of both the agency services and those riding TheHandi-Van.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $11,899,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	334	167	167	344	172	172	354	177	177	366	183	183	376	188	188	388	194	194	§5307/§5340
OPR	511	248	263	512	256	256	528	264	264	544	272	272	560	280	280	576	288	288	§5310-Urban
OPR	733	0	733	1,087	0	1,087	1,120	0	1,120	1,154	0	1,154	1,188	0	1,188	1,224	0	1,224	Local Only

OC13 Bus and Handi-Van Acquisition Program

Project Description:
Purchase replacement transit buses and Handi-Van vehicles.

FFY 2015: 17-40' buses + 19-60' buses + 19 small vans + 6 <30' buses.
FFY 2016: 30 <30' vehicles + 5-35' buses + 25-40' buses + 10-60' buses.
FFY 2017: 10 <35' + 10-40' buses + 10-60' buses.
FFY 2018: 9< 35' buses + 10-40' buses + 10-60' buses.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

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

Neighborhood(s): Various Locations

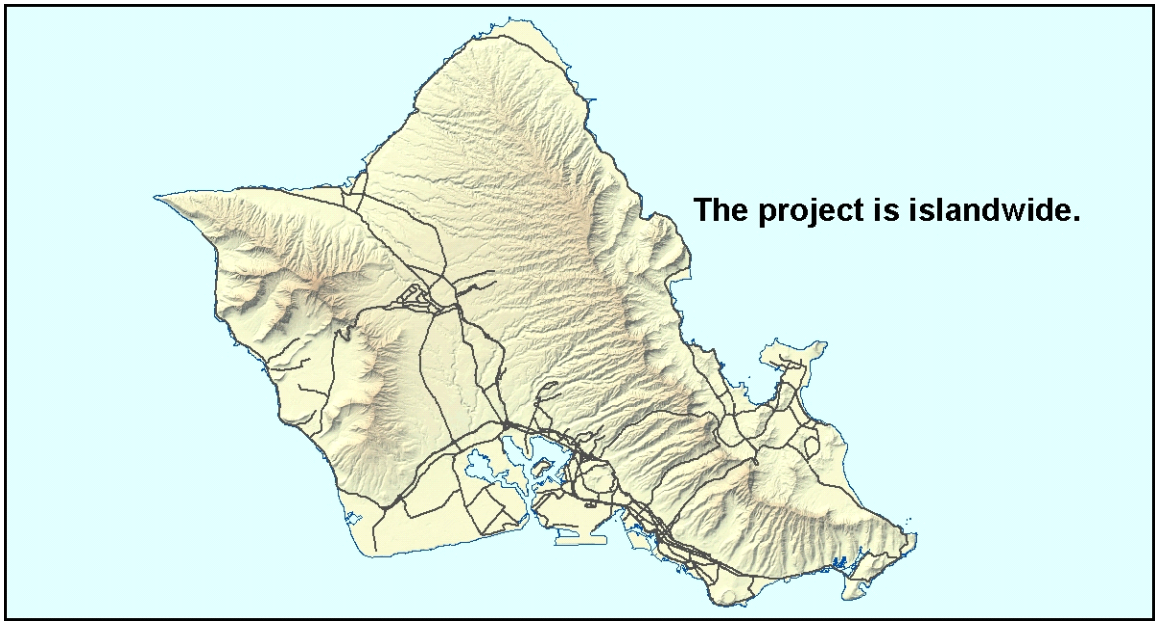
Estimated Total Project Cost: $165,457,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
EQP	0	0	0	20,210	0	20,210	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	§5307/§5340
EQP	18,125	14,500	3,625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2014)
EQP	2,403	1,923	480	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5309 SOGR (2012)
EQP	1,297	1,047	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5337 SOGR (2013)
EQP	1,376	1,111	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5337 SOGR (2014)
EQP	1,410	1,133	277	1,444	1,155	289	1,473	1,178	295	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	§5337 SOGR (2015)
EQP	4,365	3,492	873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5339(2013)
EQP	4,271	3,417	854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5339(2014)
EQP	4,453	3,562	891	3,215	2,306	909	3,279	2,352	927	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	§5339(2015)

OC14 Bus Stop ADA Access Improvements



Project Description:
Modify bus stops to comply 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: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

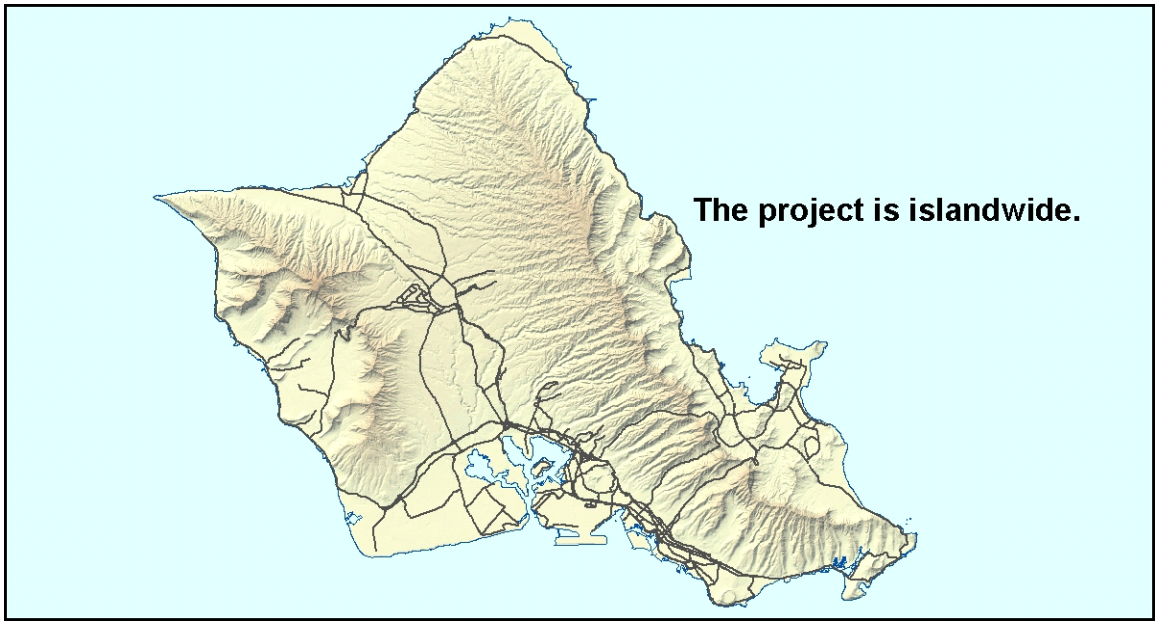
Estimated Total Project Cost: $3,888,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
DES	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	Local Only
ROW	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	Local Only
CON	621	300	321	321	0	321	321	0	321	321	0	321	321	0	321	321	0	321	§5307/§5340
REL	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only

OC15 Bus Stop Site Improvements



Project Description:
This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations. Site improvements will include walkway improvements, if needed at the bus stop.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $4,337,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PLN	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	Local Only
DES	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	Local Only
ROW	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	1,735	1,330	405	405	0	405	405	0	405	405	0	405	405	0	405	405	0	405	§5307/§5340
EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only

OC16 Honolulu Rail Transit Project

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

Total estimate project cost (in year of expenditure dollars) is $5,163,693,000 (including finance charges): Planning = $25,027,000; Land Acquisition = $222,188,000; DES = $564,660,000; CON = $4,143,317,000; EQP = $208,501,000. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant. The estimated local share of total estimated costs (excluding unallocated contingency) is approximately $3,357,789,262 in year of expenditure dollars.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: http://www.honolulutransit.org

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

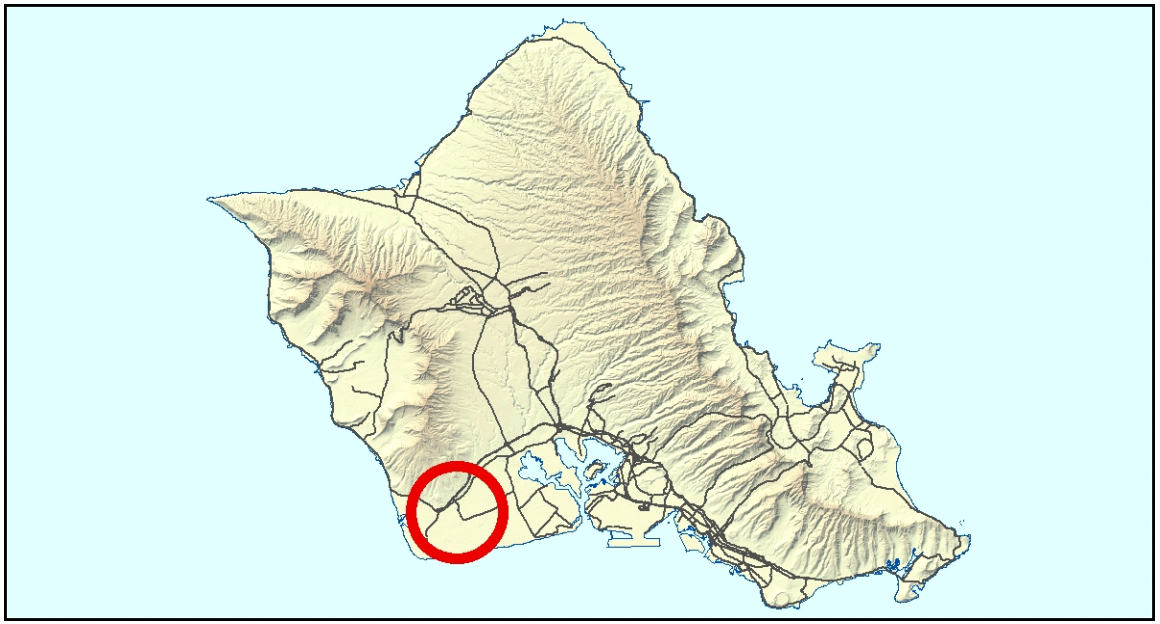
Estimated Total Project Cost: $5,163,693,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

Agency Responsible for Carrying Out Project/Phase:
Honolulu Authority for Rapid Transportation

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
HRTP	0	0	0	44,216	35,373	8,843	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	§5307/§5340
HRTP	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131	0	0	0	0	0	0	§5309 NS

OC17 Local Shuttle Service



Project Description:
This project will maintain shuttle services provided at Kalaeloa homeless shelter sites to address transportation needs of low-income persons working in the Kapolei and Makakilo areas. The mid-day and evening route will operate between the Kalaeloa shelter sites and the Kapolei Transit Center. Sufficient funds exist in the current project to operate until FFY 2018.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

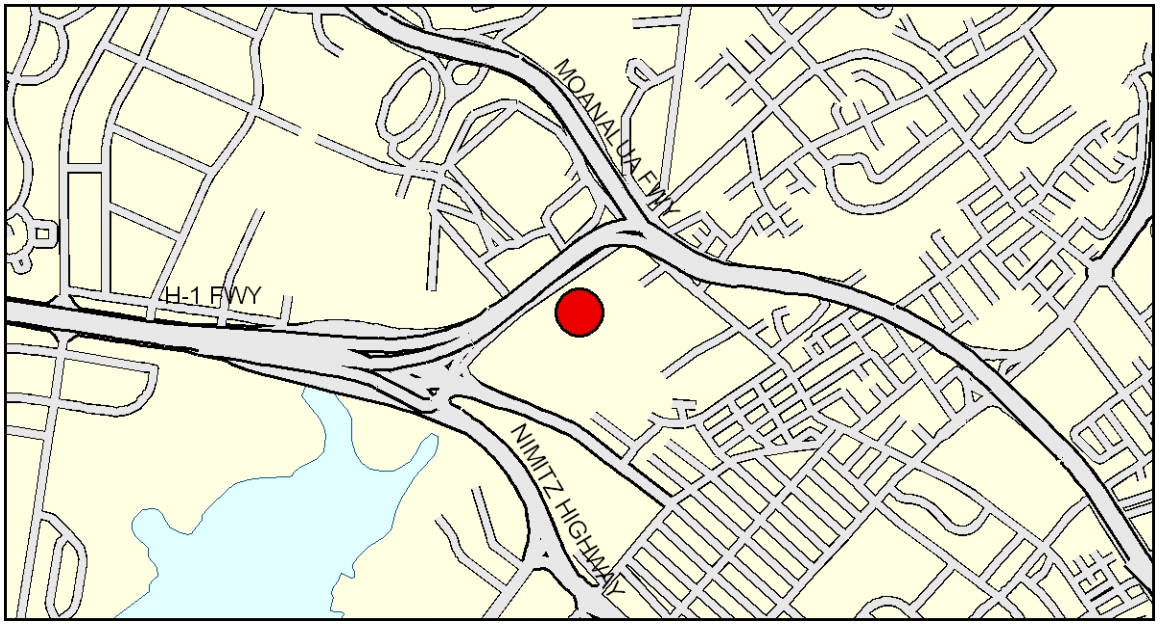
Estimated Total Project Cost: $1,319,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	204	102	102	210	105	105	216	108	108	223	111	112	230	115	115	236	118	118	§5307/§5340

OC18 Middle Street Intermodal Center



Project Description:
This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations. Transit enhancement elements, such as landscaping, signage, artwork, and bicycle and pedestrian access, are included. Phase 2 is the completion of the Handi-Van parking lot, transit center platform, bus parking, and parking garage.

Mile Post/s: No information available.

Complete Streets (CS):

Project will implement: See project description.

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Kalihi-Palama

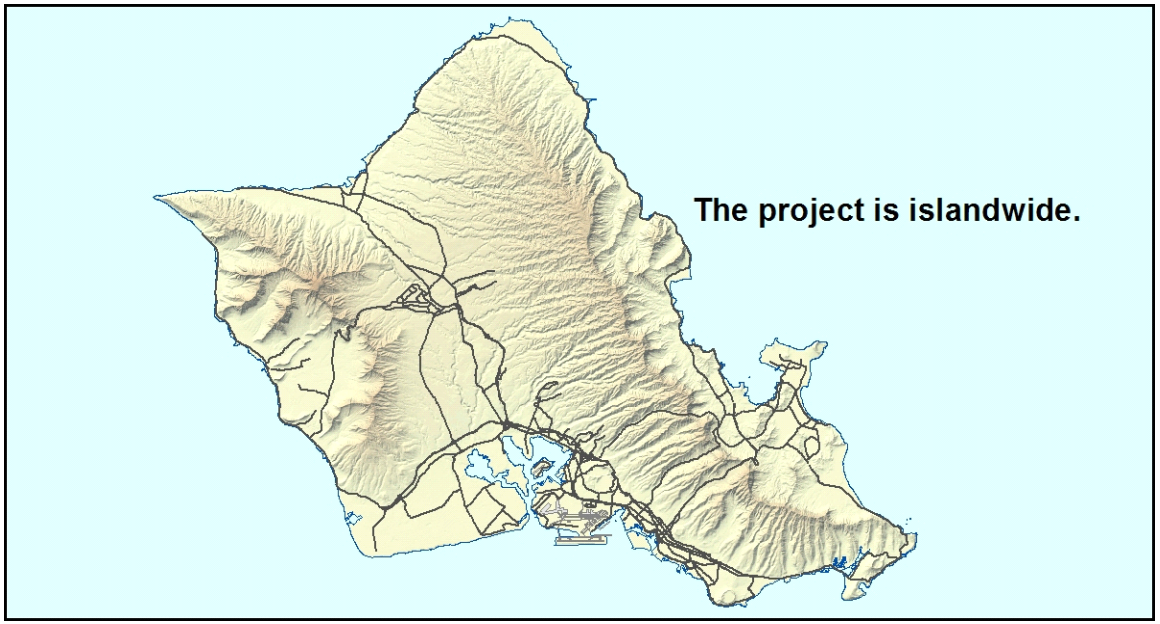
Estimated Total Project Cost: $16,445,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PLN	0	0	0	1,810	1,327	483	1	0	1	1	0	1	0	0	0	0	0	0	§5339
DES	0	0	0	2,500	0	2,500	200	0	200	200	0	200	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	5,864	0	5,864	5,867	0	5,867	0	0	0	0	0	0	Local Only
EQP	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	Local Only

OC19 Mobility Management



Project Description:
Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: Not applicable

Project Website: None

Neighborhood(s): Various Locations

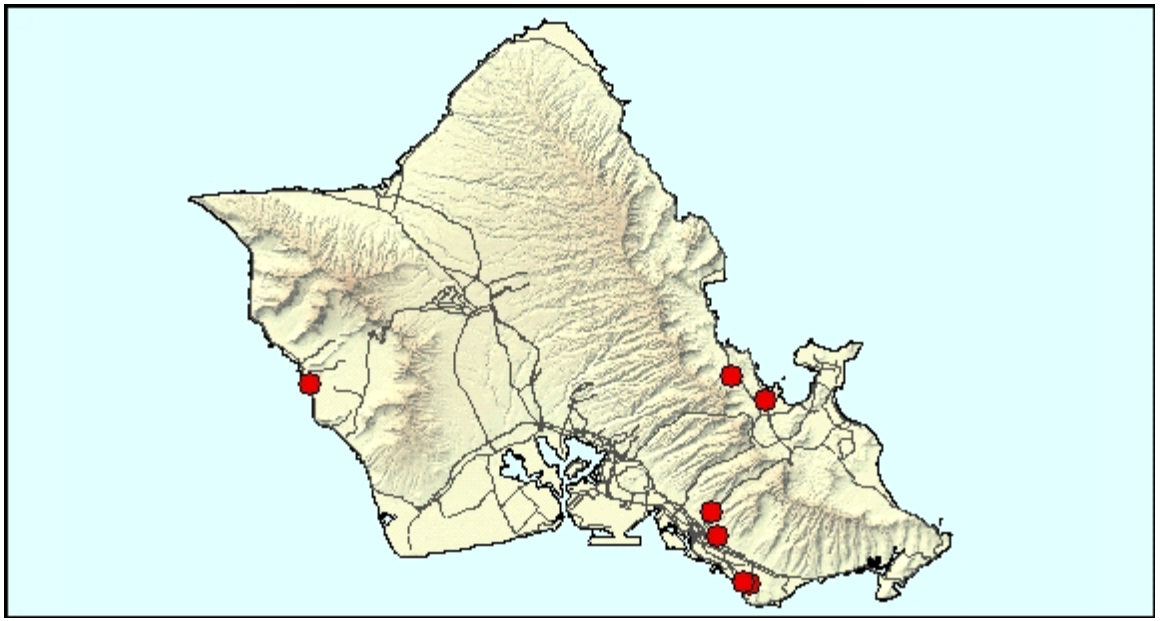
Estimated Total Project Cost: $2,553,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	316	253	63	325	260	65	335	268	67	345	276	69	356	285	71	366	293	73	§5307/§5340
OPR	79	63	16	81	65	16	84	67	17	86	69	17	89	71	18	91	73	18	§5310-Urban

OC22 Pedestrian Transit Connections



Project Description:
Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.

Mile Post/s:

Complete Streets (CS):

Project will implement: The sidewalks and paths will be designed to comply with ADA requirements. Some of these sidewalks will be used by bicyclists.

Existing Feature/s: The work mainly includes concrete and asphatic concrete paving.

Project Website: None

Neighborhood(s): Islandwide

Estimated Total Project Cost: $2,961,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
DES	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	250	0	250	Local Only
CON	1,120	1,100	20	165	145	20	20	0	20	20	0	20	20	0	20	20	0	20	§5307/§5340(2014)
EQP	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	Local Only
INSP	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	Local Only

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: Not applicable

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: http://www.thebus.org and http://www.co.honolulu.hi.us/dts/riders.htm

Neighborhood(s): Various Locations

Estimated Total Project Cost: $293,922,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
OPR	4,304	2,257	2,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2013)
OPR	4,407	2,311	2,096	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2014)
OPR	32,927	17,265	15,662	48,478	0	48,478	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	§5307/§5340(2015)

OC21 Transit Safety and Security Projects

Sites are not yet determined.

Project Description:
Capital improvement projects at various locations will provide safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilties.

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: No information available. However, CS principles will be considered in all Highway Projects.

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $2,080,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: City and County of Honolulu (FTA Funded)

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

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020			
Phase	Total (x$1000)	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)	Funding Category
PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	Local Only
DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	Local Only
CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	Local Only
EQP	413	330	83	413	330	83	413	330	83	413	330	83	413	330	83	0	0	0	§5307/§5340(2014)

FFY's 2015-2018 TIP as of REVISION #6 FUNDING SUMMARY

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FOR INFORMATION ONLY FFY 2020		
	TOTAL (x$1000)	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)
FHWA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #5	132,839	65,128	67,711	139,273	82,247	57,026	184,232	73,178	111,054	79,670	71,456	8,214	111,316	71,909	39,407	118,644	78,912	39,732
Revision #6 Changes	35,300	36,200	(900)	0	(5,000)	5,000	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #6	**168,139**	**101,328**	**66,811**	**139,273**	**77,247**	**62,026**	**184,232**	**73,178**	**111,054**	**79,670**	**71,456**	**8,214**	**111,316**	**71,909**	**39,407**	**118,644**	**78,912**	**39,732**
C&C of Honolulu - Sponsored Projects																		
As of Revision #5	29,508	17,000	12,508	36,157	17,000	19,157	30,406	17,000	13,406	32,373	15,210	17,163	54,886	19,379	35,507	54,785	19,379	35,406
Revision #6 Changes	0	0	0	0	0	0	10,930	0	10,930	10,000	1,790	8,210	(20,000)	(4,000)	(16,000)	(20,000)	(4,000)	(16,000)
Total as of Revision #6	**29,508**	**17,000**	**12,508**	**36,157**	**17,000**	**19,157**	**41,336**	**17,000**	**24,336**	**42,373**	**17,000**	**25,373**	**34,886**	**15,379**	**19,507**	**34,785**	**15,379**	**19,406**
TOTAL FHWA	**197,647**	**118,328**	**79,319**	**175,430**	**94,247**	**81,183**	**225,568**	**90,178**	**135,390**	**122,043**	**88,456**	**33,587**	**146,202**	**87,288**	**58,914**	**153,429**	**94,291**	**59,138**
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #5	1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477
Revision #6 Changes	(620)	(310)	(310)	(640)	(320)	(320)	(660)	(330)	(330)	(680)	(340)	(340)	(702)	(351)	(351)	(724)	(362)	(362)
Total as of Revision #6	**482**	**385**	**97**	**497**	**397**	**100**	**512**	**409**	**103**	**529**	**422**	**107**	**546**	**435**	**111**	**564**	**449**	**115**
C&C of Honolulu - Sponsored Projects																		
As of Revision #5	1,156,247	398,375	757,872	1,189,835	381,800	808,035	886,751	285,099	601,652	521,489	168,460	353,029	123,188	40,271	82,917	125,790	41,488	84,302
Revision #6 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #6	**1,156,247**	**398,375**	**757,872**	**1,189,835**	**381,800**	**808,035**	**886,751**	**285,099**	**601,652**	**521,489**	**168,460**	**353,029**	**123,188**	**40,271**	**82,917**	**125,790**	**41,488**	**84,302**
TOTAL FTA	**1,156,729**	**398,760**	**757,969**	**1,190,332**	**382,197**	**808,135**	**887,263**	**285,508**	**601,755**	**522,018**	**168,882**	**353,136**	**123,734**	**40,706**	**83,028**	**126,354**	**41,937**	**84,417**

FHWA REGULAR FUNDS PROGRAMMED

	FFY 2015 (x$1000)	FFY 2016 (x$1000)	FFY 2017 (x$1000)	FFY 2018 (x$1000)	FOR INFORMATION ONLY FFY 2019 (x$1000)	FOR INFORMATION ONLY FFY 2020 (x$1000)
FHWA-FUNDED PROJECTS						
State of Hawaii-Sponsored Projects						
Earmark High Priority	0	0	1,118	0	0	0
Highway Safety Improvement Program	3,028	204	7,044	200	0	2,400
Interstate Maintenance Discretionary	6,600	0	0	0	0	0
National Highway Performance Program	91,413	69,472	62,529	64,569	61,622	73,105
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	0	0	160	4,000	10,000	0
Transportation Enhancement	0	7,284	2,040	2,400	0	3,120
State of Hawaii - FHWA Total	**101,328**	**77,247**	**73,178**	**71,456**	**71,909**	**78,912**
City and County of Honolulu-Sponsored Projects						
Bridge Off-System	720	720	720	720	800	800
STP Flexible	16,280	16,280	16,280	16,280	14,579	14,579
City and County of Honolulu - FHWA Total	**17,000**	**17,000**	**17,000**	**17,000**	**15,379**	**15,379**
FHWA TOTAL	**118,328**	**94,247**	**90,178**	**88,456**	**87,288**	**94,291**
Less Discretionary Funds, etc.	(6,600)	0	(1,118)	0	0	0
FHWA REGULAR FORMULA FUNDS TOTAL	**111,728**	**94,247**	**89,060**	**88,456**	**87,288**	**94,291**

The FHWA program is financially constrained, as demonstrated in the following tables. The amount of FHWA funds estimated to be available for projects on Oahu is determined through a cooperative agreement between OahuMPO, HDOT, DTS, and HART. Information on the obligation authority estimated to be available for the entire State of Hawaii is available in the HDOT's FFYs 2015-2018 STIP, as revised. Refer to Chapter 7 of the TIP for additional information on FHWA and FTA funding sources.

FHWA Financial Constraint – FFY 2015

FFY 2015	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Funds Programmed (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Earmark High Priority	0	0	0	0	0
Transportation Enhancement	0	0	0	0	0
Highway Safety Improvement Program	2,240	757	2,997	3,785	(788)
Interstate Maintenance Discretionary	4,300	2,200	6,500	8,800	(2,300)
Locally Funded	0	36,452	36,452	36,452	0
National Highway Performance Program	73,283	27,382	100,665	118,795	(18,130)
Recreational Trails Program	287	72	359	359	0
STP Flexible	16,280	12,276	28,556	28,556	0
Discretionary, Demo, ETC. Projects	6,600	0	6,600	0	6,600
De-Obligations	46,886	0	46,886	0	46,886
LESS Off-STIP Obligations	(30,404)	0	(30,404)	0	(30,404)
FHWA Total	**120,192**	**79,319**	**199,511**	**197,647**	**1,864**

FHWA Financial Constraint – FFY 2016

FFY 2016	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Funds Programmed (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Earmark High Priority	1,118	0	1,118	0	1,118
Transportation Enhancement	2,084	1,822	3,906	9,106	(5,200)
Highway Safety Improvement Program	3,600	51	3,651	255	3,396
Interstate Maintenance Discretionary	0	0	0	0	0
Locally Funded	0	41,105	41,105	41,105	0
National Highway Performance Program	67,590	23,681	91,271	93,153	(1,882)
Recreational Trails Program	287	72	359	359	0
STP Flexible	16,280	14,272	30,552	30,552	0
Discretionary, Demo, ETC. Projects	0	0	0	0	0
De-Obligations	0	0	0	0	0
LESS Off-STIP Obligations	0	0	0	0	0
FFY 2015 Balance	1,864	0	1,864	0	1,864
FHWA Total	**93,543**	**81,183**	**174,726**	**175,430**	**(704)**

FHWA Financial Constraint – FFY 2017

FFY 2017	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Funds Programmed (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Earmark High Priority	0	280	280	1,398	(1,118)
Transportation Enhancement	0	510	510	2,550	(2,040)
Highway Safety Improvement Program	2,448	1,761	4,209	8,805	(4,596)
Interstate Maintenance Discretionary	0	0	0	0	0
Locally Funded	0	36,715	36,715	36,715	0
National Highway Performance Program	67,647	54,491	122,138	117,020	5,118
Recreational Trails Program	287	72	359	359	0
STP Flexible	20,020	41,381	61,401	57,821	3,580
Discretionary, Demo, ETC. Projects	0	0	0	0	0
De-Obligations	0	0	0	0	0
LESS Off-STIP Obligations	0	0	0	0	0
FFY 2016 Balance	(704)	0	(704)	0	(704)
FHWA Total	**90,418**	**135,390**	**225,808**	**225,568**	**240**

FHWA Financial Constraint – FFY 2018

FFY 2018	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Funds Programmed (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Earmark High Priority	0	0	0	0	0
Transportation Enhancement	2,400	600	3,000	3,000	0
Highway Safety Improvement Program	200	50	250	250	0
Interstate Maintenance Discretionary	0	0	0	0	0
Locally Funded	0	36,915	36,915	36,915	0
National Highway Performance Program	58,769	(24,908)	33,861	39,661	(5,800)
Recreational Trails Program	287	72	359	359	0
STP Flexible	25,840	20,678	46,518	40,958	5,560
Discretionary, Demo, ETC. Projects	0	0	0	0	0
De-Obligations	0	0	0	0	0
LESS Off-STIP Obligations	0	0	0	0	0
FFY 2016 Balance	240	0	240	0	240
FHWA Total	**88,456**	**33,587**	**122,043**	**122,043**	**0**

The FTA program is financially constrained, as demonstrated in the following tables.

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2015

FFY 2015	Estimated Federal Funds Available for Oahu (x$1000)	Funds Carryover (x$1000)	Total Sources (x$1000)	Total Project Costs (x1000)	Local Funds (x$1000)	Total Funds Programmed (x$1000)	Federal Funds Balance (x$1000)
§5310-Urban	311	0	311	590	279	590	0
§5307 Urbanized Area Formula*	17,685	0	17,685	33,577	15,892	33,577	0
§5307 Urbanized Area Formula* (2014)	0	19,973	19,973	26,625	6,652	26,625	0
§5307 Urbanized Area Formula* (2013)	0	2,257	2,257	4,304	2,047	4,304	0
§5309 NS HHCTP	342,464	0	342,464	1,070,200	727,736	1,070,200	0
§5339 Bus and Bus Facilities	3,562	0	3,562	4,453	891	4,453	0
§5339 Bus and Bus Facilities (2014)	0	3,417	3,417	4,271	854	4,271	0
§5339 Bus and Bus Facilities (2013)	0	3,492	3,492	4,365	873	4,365	0
§5337 SOGR	1,133	0	1,133	1,410	277	1,410	0
§5337 SOGR (2014)	0	1,111	1,111	1,376	265	1,376	0
§5337 SOGR (2013)	0	1,047	1,047	1,297	250	1,297	0
§5337 SOGR (2012)	0	1,923	1,923	2,403	480	2,403	0
Local Funds Only	0	0	0	1,376	1,376	1,376	0
FTA Total	**365,155**	**33,220**	**398,375**	**1,156,247**	**757,872**	**1,156,247**	**0**

* Includes §5340 Growing States and High Density States Formula Program apportionment.

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2016

FFY 2016	Estimated Federal Funds Available for Oahu (x$1000)	Funds Carryover (x$1000)	Total Sources (x$1000)	Total Project Costs (x$1000)	Local Funds (x$1000)	Total Funds Programmed (x$1000)	Federal Funds Balance (x$1000)
§5310-Urban	321	0	321	593	272	593	0
§5307 Urbanized Area Formula*	1,012	0	1,012	21,667	20,655	21,667	0
§5307 Urbanized Area Formula* (2014)	0	0	0	0	0	0	0
§5309 NS HHCTP	340,306	0	340,306	1,063,457	723,151	1,063,457	0
§5339 Bus and Bus Facilities	3,633	0	3,633	5,025	1,392	5,025	0
§5339 Bus and Bus Facilities (2014)	0	0	0	0	0	0	0
§5339 Bus and Bus Facilities (2013)	0	0	0	0	0	0	0
§5337 SOGR	1,155	0	1,155	1,444	289	1,444	0
§5337 SOGR (2014)	0	0	0	0	0	0	0
§5337 SOGR (2013)	0	0	0	0	0	0	0
Local Funds Only	0	0	0	53,433	53,433	53,433	0
FTA Total	**346,427**	**0**	**346,427**	**1,145,619**	**799,192**	**1,145,619**	**0**

* Includes §5340 Growing States and High Density States Formula Program apportionment.

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2017

FFY 2017	Estimated Federal Funds Available for Oahu (x$1000)	Funds Carryover (x$1000)	Total Sources (x$1000)	Total Project Costs (x$1000)	Local Funds (x$1000)	Total Funds Programmed (x$1000)	Federal Funds Balance (x$1000)
§5310-Urban	331	0	331	612	281	612	0
§5307 Urbanized Area Formula*	3,114	0	3,114	22,163	19,049	22,163	0
§5307 Urbanized Area Formula* (2014)	0	0	0	0	0	0	0
§5309 NS HHCTP	241,902	0	241,902	755,944	514,042	755,944	0
§5339 Bus and Bus Facilities	2,352	0	2,352	3,280	928	3,280	0
§5339 Bus and Bus Facilities (2014)	0	0	0	0	0	0	0
§5339 Bus and Bus Facilities (2013)	0	0	0	0	0	0	0
§5337 SOGR	1,178	0	1,178	1,473	295	1,473	0
§5337 SOGR (2014)	0	0	0	0	0	0	0
§5337 SOGR (2013)	0	0	0	0	0	0	0
Local Funds Only	0	0	0	58,001	58,001	58,001	0
FTA Total	**248,877**	**0**	**248,877**	**841,473**	**592,596**	**841,473**	**0**

* Includes §5340 Growing States and High Density States Formula Program apportionment.

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2018

FFY 2018	Estimated Federal Funds Available for Oahu (x$1000)	Funds Carryover (x$1000)	Total Sources (x$1000)	Total Project Costs (x$1000)	Local Funds (x$1000)	Total Funds Programmed (x$1000)	Federal Funds Balance (x$1000)
§5310-Urban	341	0	341	630	289	630	0
§5307 Urbanized Area Formula*	3,131	0	3,131	22,192	19,061	22,192	0
§5307 Urbanized Area Formula* (2014)	0	0	0	0	0	0	0
§5309 NS HHCTP	124,297	0	124,297	388,428	264,131	388,428	0
§5339 Bus and Bus Facilities	2,399	0	2,399	3,346	947	3,346	0
§5339 Bus and Bus Facilities (2014)	0	0	0	0	0	0	0
§5339 Bus and Bus Facilities (2013)	0	0	0	0	0	0	0
§5337 SOGR	1,202	0	1,202	1,503	301	1,503	0
§5337 SOGR (2014)	0	0	0	0	0	0	0
§5337 SOGR (2013)	0	0	0	0	0	0	0
Local Funds Only	0	0	0	59,027	59,027	59,027	0
FTA Total	**131,370**	**0**	**131,370**	**475,126**	**343,756**	**475,126**	**0**

* Includes §5340 Growing States and High Density States Formula Program apportionment.

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