

**FEDERAL FISCAL YEARS 2015 - 2018
TRANSPORTATION IMPROVEMENT PROGRAM**

As of Revision #12

July 2016



Oahu Metropolitan Planning Organization
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ABBREVIATIONS

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

ORTP	Oahu Regional Transportation Plan
PE1	Preliminary Design, including NEPA (phase)
PE2	Final Design (phase)
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 – Any Area
TAP-U	Transportation Alternatives Program – Urban Area
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

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 <i>(Sorted by Project Name)</i>	TOTAL AMOUNT PROGRAMMED						ESTIMATED TOTAL PROJECT COST* (x \$1000)	FUNDING CATEGORY
		FFY 2015 (x \$1000)	FFY 2016 (x \$1000)	FFY 2017 (x \$1000)	FFY 2018 (x \$1000)	<i>(For information only)</i> FFY 2019 (x \$1000) FFY 2020 (x \$1000)			
FHWA - Funded Projects									
<u>State of Hawaii - Sponsored Projects</u>									
OS1	Bridge and Pavement Improvement Program, Oahu	52,835	49,200	36,400	36,400	36,400	36,400	237,800	Local Only, NHPP
OS2	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	0	0	0	597	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	0	0	22,000	0	25,200	NHPP
OS5	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)	0	7,120	1,350	10,200	730	10,200	200,000	NHPP
OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	0	0	350	350	350	350	1,400	NHPP

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS9	Freeway Service Patrol	3,500	3,500	3,500	3,500	3,500	3,500	21,000	NHPP
OS10	Guardrail and Shoulder Improvements, Various Locations	0	2,228	170	3,371	90	3,000	10,000	HSIP
OS64	Honolulu Rail Transit Project - Highway Improvements	0	3,750	18,750	18,750	0	0	41,250	STP Flex
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	6,300	0	0	0	0	6,200	NHPP
OS58	Interstate Route H-1, Corridor Study, Short Term Improvements	0	0	2,000	0	0	0	15,000	NHPP
OS59	Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	0	900	0	0	0	0	90,000	Local Only

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS56	Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection	0	4,080	0	0	0	0	5,000	IM Discret
OS14	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	0	0	6,497	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	6,700	0	0	0	0	7,500	HSIP, NHPP
OS16	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Middle Street, Phase 1	0	0	0	7,446	0	0	15,000	NHPP
OS17	Interstate Route H-1, Kapolei Interchange Complex	70,300	571	0	238	0	0	139,000	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

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS19	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	0	0	0	0	0	0	167,000	NHPP
OS21	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	0	0	0	0	0	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
OS11	ITS Operation and Maintenance	285	285	285	285	285	285	1,700	NHPP
OS60	Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)	0	0	0	6,000	0	0	68,000	NHPP
OS23	Kalaniana'ole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park	0	0	0	0	0	0	0 Earmark HP, Enhance	

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS24	Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	0	0	0	0	10,200	0	11,500	NHPP
OS26	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to vicinity of Makai Pier	0	3,876	0	0	0	16,300	50,000	NHPP
OS25	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Vicinity of Makai Pier, Phase I, Olomana Golf Course to Poalima Street	13,500	0	0	0	0	0	50,000	NHPP
OS54	Kamehameha Highway (Route 83), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	1,825	11,675	0	0	0	0	13,500	NHPP
OS61	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawailoa Beach	0	0	3,840	0	0	0	39,000	NHPP
OS27	Kamehameha Highway (Route 83), Bridge Rehabilitation, Makaua Stream Bridge	0	0	0	0	297	6,367	7,400	NHPP

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS53	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	1,465	0	4,500	0	0	0	6,365	NHPP, Re-Purposed Earmarks
OS28	Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge	0	0	0	0	17,600	0	21,600	NHPP
OS29	Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge	0	0	0	663	9,200	0	11,000	NHPP
OS30	Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge	1,175	0	6,300	0	0	0	7,500	NHPP
OS31	Kamehameha Highway (Route 83), Bridge Replacement, Laieloa Stream Bridge	0	200	9,360	0	0	0	10,300	Bridge On/Off, NHPP
OS32	Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge	0	0	1,020	26,520	0	0	28,300	NHPP

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS34	Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Stream Bridge	0	0	0	573	11,942	0	13,300	NHPP
OS35	Kamehameha Highway (Route 83), Bridge Replacement, Waikane Stream Bridge	0	0	0	0	281	9,103	10,200	NHPP
OS36	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	0	0	1,000	9,260	0	0	11,300	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 Haula (#14)	0	0	0	0	0	0	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 (#10)	0	0	0	0	10,820	0	12,400	NHPP
OS40	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Punaluu (#9)	0	0	0	0	0	7,650	8,900	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	0	0	1,258	0	0	22,100	Earmark HP, NHPP
OS65	Kamehameha Highway (RTE 83) Shoreline Mitigation, Vicinity of Kualoa, Kaawa, Punauu, and Hauula	0	100	10,000	0	0	0	10,100	NHPP
OS55	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaawa Bridge	0	1,632	0	0	0	0	1,850	HSIP
OS42	Kualakai Parkway (Route 8930) Extension	0	0	0	18,100	0	0	20,000	STP Flex

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FHWA - Funded Projects									
State of Hawaii - Sponsored Projects									
OS43	Leeward Bikeway, Phase II, Hawaii Railroad Society Train Station to Lualualei Naval Road	0	0	9,288	0	3,060	3,900	19,000	Enhance
OS44	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements	0	0	6,242	0	0	0	6,720	NHPP
OS48	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	0	0	0	0	0	0	7,200	NHPP
OS45	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass (MP 1.12 to MP 4.09)	0	0	6,242	0	0	0	6,800	NHPP
OS46	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass (MP 0 to MP 0.73)	0	0	0	2,533	0	0	2,700	NHPP
OS47	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A" and Puuloa Separation	0	0	0	10,822	0	0	11,700	NHPP

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FHWA - Funded Projects									
<u>State of Hawaii - Sponsored Projects</u>									
OS62	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)	0	0	62,000	0	18,000	0	85,000	HSIP, 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	3,000	5,100	0	0	9,000	NHPP
OS63	Traffic Counting Stations at Various Locations, Oahu.	0	0	2,500	0	0	0	4,500	STP Flex
State of Hawaii - FHWA Total		158,769	108,201	201,188	178,905	165,759	130,614	1,791,719	

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FHWA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC1	Alapai Transportation Management Center	23,772	25,079	535	0	0	0	97,813	Local Only, STP Flex
OC2	Bikeway Improvements Program	0	817	0	426	551	3,152	6,695	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	0	250	3,521	4,882	12,508	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	0	3,060	0	0	20,400	46,400	STP Flex
OC23	Salt Lake Boulevard Widening, Phase 3	0	0	0	40,000	40,000	0	80,000	STP Flex
OC8	Traffic Improvements at Various Locations	450	0	2,350	675	4,266	1,728	9,244	Local Only, STP Flex

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FHWA - Funded Projects									
<u>City and County of Honolulu - Sponsored Projects</u>									
OC9	Traffic Signal Optimization	0	0	375	351	101	0	803	Local Only, STP Flex
OC10	Traffic Signals at Various Locations	3,938	3,684	9,258	3,276	4,259	4,125	23,515	Local Only, STP Flex
OC26	Transportation Alternative Program (State)	0	2,300	0	0	0	0	2,300	TAP
OC25	Transportation Alternatives Projects at Various Locations	0	1,000	1,000	1,000	3,889	1,000	7,889	TAP-U
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	33,780	17,478	46,878	57,587	36,287	418,109	
FHWA TOTAL		188,277	141,981	218,666	225,783	223,346	166,901	2,209,828	

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FTA - Funded Projects									
<u>State of Hawaii - Sponsored Projects</u>									
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	

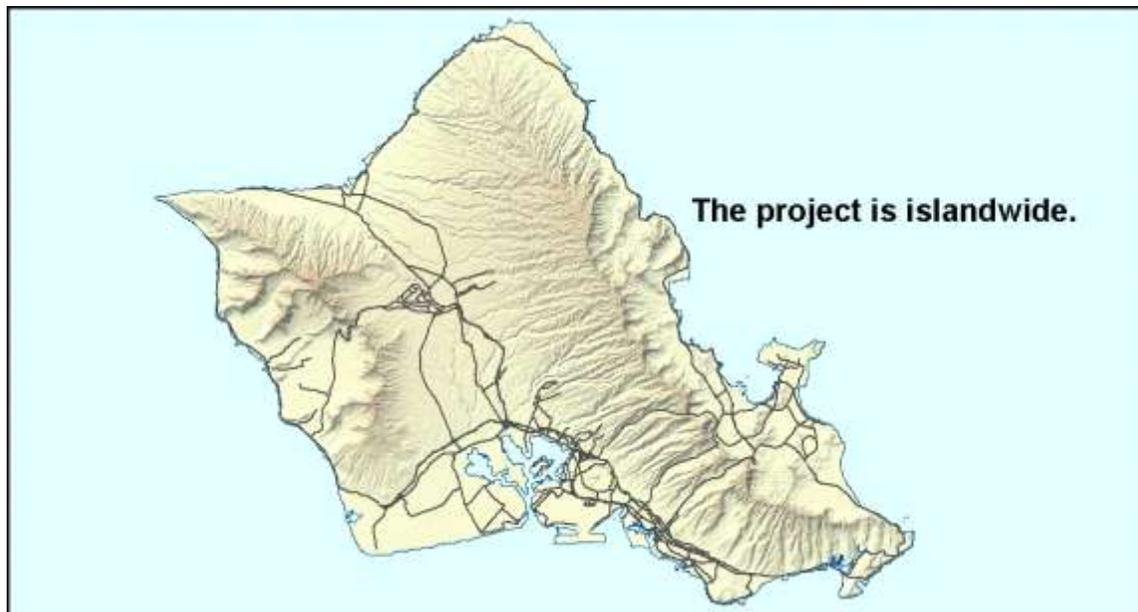
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FTA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC12	Agency-Provided Trips	1,579	2,018	2,002	2,064	2,124	2,188	11,899	§5307/§5340, §5307/§5340(2014), §5307/§5340(2015), §5310 (2013), §5310 (2014), §5310-Urban, Local Only
OC13	Bus and Handi-Van Acquisition Program	28,798	22,617	25,192	25,673	25,769	25,869	153,918	§5307/§5340, §5307/§5340(2014), §5307/§5340(2015), §5309(2012), §5337 SOGR, §5337 SOGR (2013), §5337 SOGR (2014), §5337 SOGR (2015), §5339, §5339(2013), §5339(2014), §5339(2015)
OC14	Bus Stop ADA Access and Site Improvements	898	895	598	598	598	598	4,187	§5307/§5340, Local Only
OC15	Bus Stop Site Improvements	1,832	0	0	0	0	0	0	§5307/§5340, Local Only
OC24	Capital Training	25	25	25	25	25	25	150	§5307/§5340
OC16	Honolulu Rail Transit Project	0	1,671,667	832,117	18,750	0	0	5,163,693	§5307/§5340, §5309 NS

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FTA - Funded Projects									
City and County of Honolulu - Sponsored Projects									
OC17	Local Shuttle Service	204	204	216	223	230	236	1,319	§5307/§5340, §5307/§5340(2014), §5307/§5340(2015)
OC18	Middle Street Intermodal Center	0	0	1,846	201	5,865	5,868	16,445	§5339, §5339(2016), Local Only
OC19	Mobility Management	349	407	419	431	445	457	2,553	§5307/§5340, §5307/§5340(2014), §5307/§5340(2015), §5310 (2013), §5310 (2014), §5310-Urban
OC22	Pedestrian Transit Connections	1,386	0	0	0	0	0	0	§5307/§5340(2014), Local Only
OC20	Preventive Maintenance	41,638	41,638	49,448	50,437	51,446	52,475	12,403	§5307/§5340, §5307/§5340(2013), §5307/§5340(2014)
OC21	Transit Safety and Security Projects	416	359	416	416	416	0	2,080	§5307/§5340, Local Only
City and County of Honolulu - FTA Total		77,125	1,739,830	912,279	98,818	86,918	87,716	5,368,647	
FTA TOTAL		77,607	1,740,327	912,791	99,347	87,464	88,280	5,375,803	

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



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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	20,584	0	20,584	33,200	0	33,200	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	Local Only

OS1 Bridge and Pavement Improvement Program, Oahu

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Farrington Highway (Rte 93) Resurfacing Kili Street to Satellite Tracking Station</i>																			
CON	0	0	0	16,000	7,800	8,200	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	5,000	-5,000	0	0	0	0	0	0	0	0	0	NHPP
<i>Kamehameha Highway (Route 83) Resurfacing. Dairy Road to Laiwai Bridge, MP 9.72 to MP 17.66</i>																			
CON	14,551	1,835	12,716	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	10,000	-10,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Likeline Highway (Route 93) Resurfacing School St. to Emmeline Place</i>																			
CON	17,700	14,600	3,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	0	0	0	597	478	119	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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			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)	
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 includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.

Mile Post/s: MP 14.20 to MP 14.10

Complete Streets (CS):

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

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Waianae Coast

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

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	1,122	898	224	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	22,000	7,600	14,400	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	NHPP

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 includes 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: \$200,000,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Phase 1C - Part 2</i>																				
ADVCON	0	5,000	-5,000	0	1,200	-1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Phase 1C - Part 3</i>																				
CON	0	0	0	5,100	4,080	1,020	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 2A</i>																			
CON	0	0	0	0	0	0	0	0	0	10,200	4,000	6,200	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	4,160	-4,160	0	0	0	NHPP
<i>Phase 3</i>																			
PE1	0	0	0	0	0	0	1,350	1,080	270	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	730	584	146	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,200	4,000	6,200	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>System Manager</i>																			
OPR	0	0	0	2,020	1,616	404	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS57 Freeway Management System, Joint Traffic Management Center Operations (State)



Project Description:

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

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$1,400,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	0	0	0	0	0	0	350	280	70	350	280	70	350	280	70	350	280	70	NHPP



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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	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: \$10,000,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Phase 1</i>																				
CON	0	0	0	2,228	1,782	446	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
<i>Phase 2</i>																				
PE1	0	0	0	0	0	0	170	136	34	0	0	0	0	0	0	0	0	0	0	HSIP
PE2	0	0	0	0	0	0	0	0	0	90	72	18	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	0	0	0	3,121	2,497	624	0	0	0	0	0	0	0	HSIP
<i>Phase 3</i>																				
PE1	0	0	0	0	0	0	0	0	0	160	128	32	0	0	0	0	0	0	0	HSIP
PE2	0	0	0	0	0	0	0	0	0	0	0	0	90	72	18	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	0	HSIP

OS64 Honolulu Rail Transit Project - Highway Improvements



Project Description:

Traffic improvements to traffic control devices and intersections affected by rail construction along the West Oahu Farrington Highway (Routes 7110 & 7101 from Old Fort Weaver Road to Waipahu High School) and Kamehameha Highway (Route 99 from Acacia Road to Aloha Stadium) Guideway construction corridors.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

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

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

Estimated Total Project Cost: \$41,250,000

(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:

Honolulu Authority for Rapid Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750	0	0	0	0	0	0	STP Flex

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	4,080	1,000	3,080	0	0	0	0	0	0	0	0	0	HSIP
ADVCON	0	0	0	0	0	0	0	0	0	0	2,264	-2,264	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.)

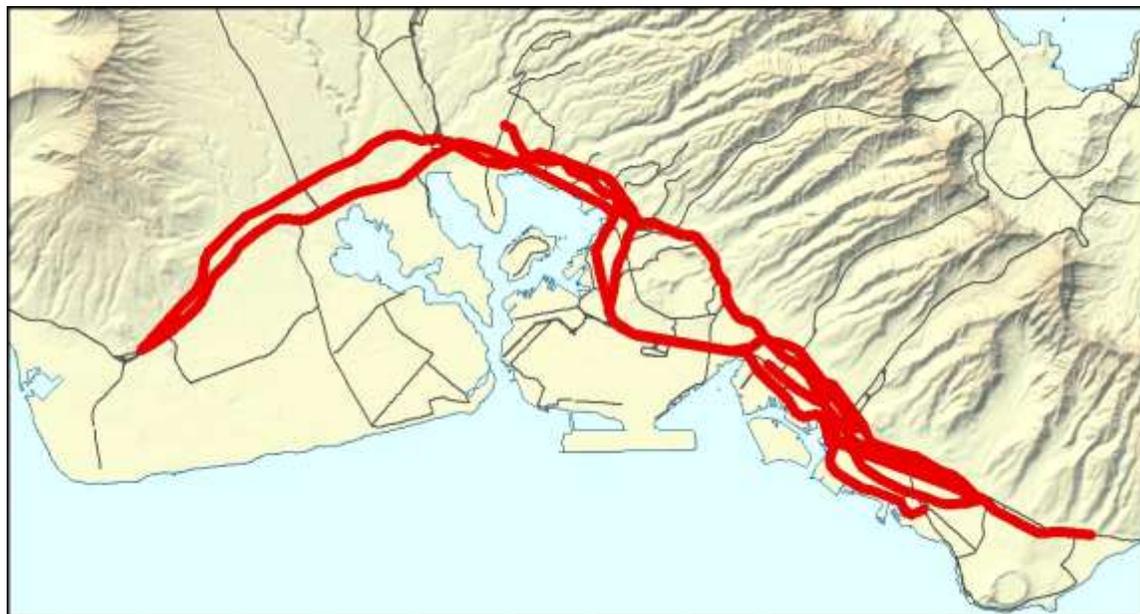
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	6,300	5,040	1,260	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS58 Interstate Route H-1, Corridor Study, Short Term Improvements



Project Description:
Develop top Short Term Capacity/Congestion improvements in the Final H-1 Corridor Improvement Study

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): H-1 Travel Corridor

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

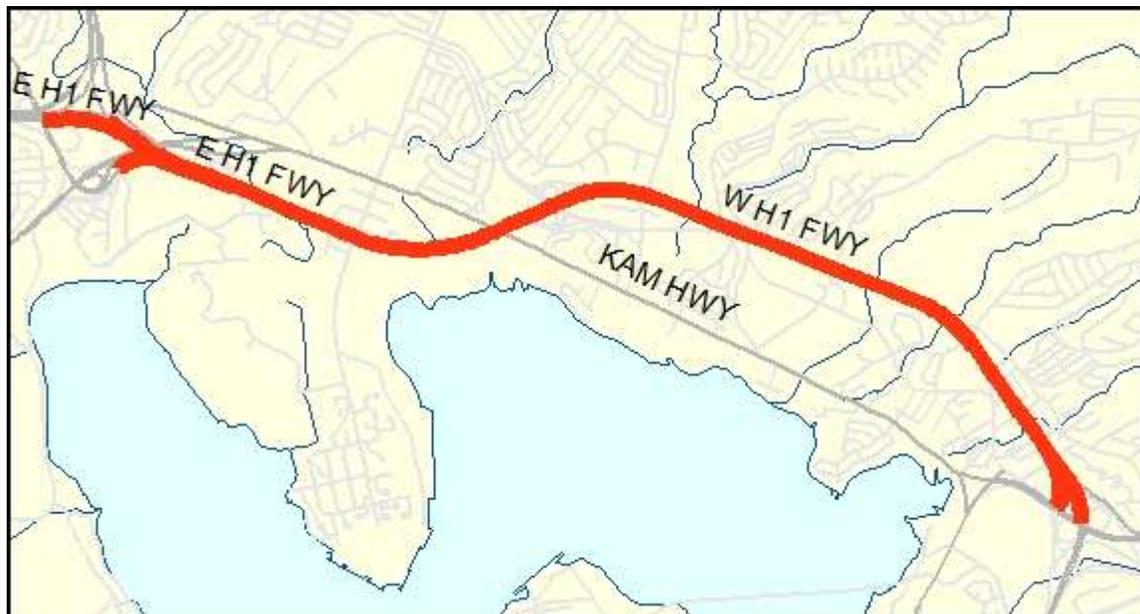
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN	0	0	0	0	0	0	2,000	1,600	400	0	0	0	0	0	0	0	0	0	NHPP

OS59 Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange



Project Description:

Capacity improvements through the defined limits, which could include adding a through lane and/or improving ramps and shoulders.

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): H-1 Travel Corridor

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

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
DES	0	0	0	900	0	900	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	4,080	2,300	1,780	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-Moilili, Waiialae-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)

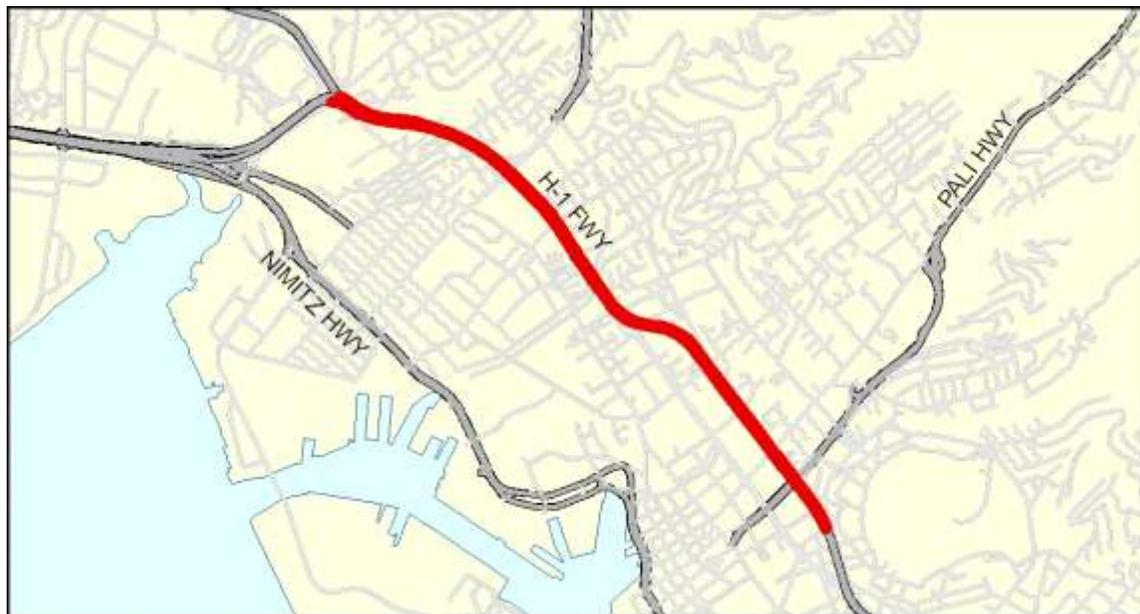
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	6,497	347	6,150	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	5,500	-5,500	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: \$7,500,000
(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	1,340	1,072	268	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	5,360	288	5,072	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

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)

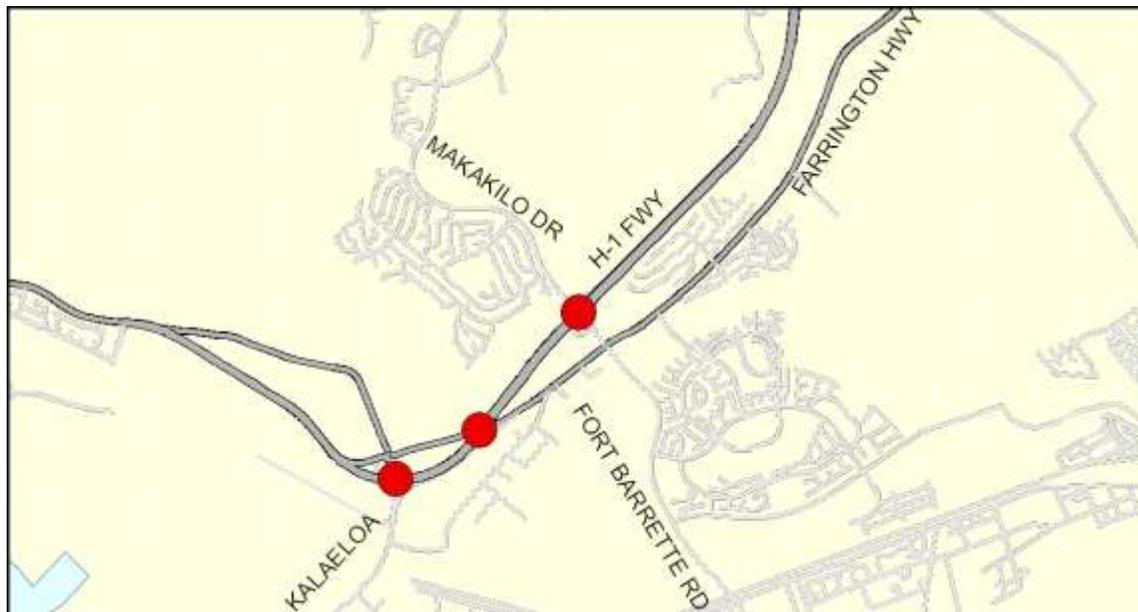
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 1</i>																			
CON	0	0	0	0	0	0	0	0	0	7,446	957	6,489	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

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: \$139,000,000

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

Project Sponsor: State of Hawaii (FHWA Funded)

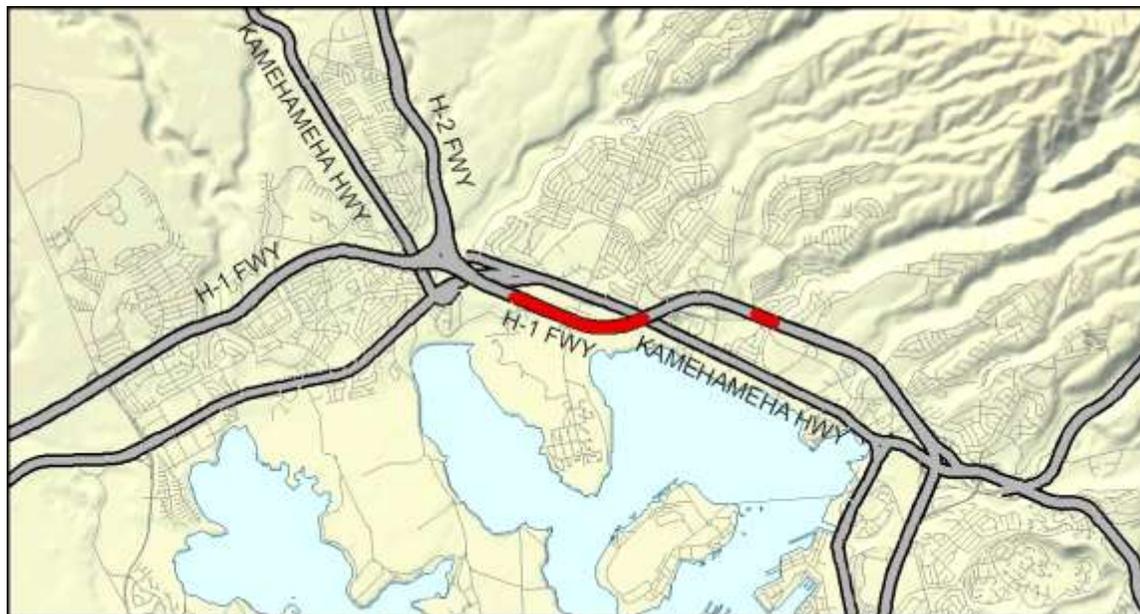
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Phase 2																			
CON	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	41,200	24,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	9,977	-9,977	0	10,000	-10,000	0	0	0	0	0	0	0	0	0	NHPP
Phase 3																			
DES	0	0	0	571	0	571	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.)

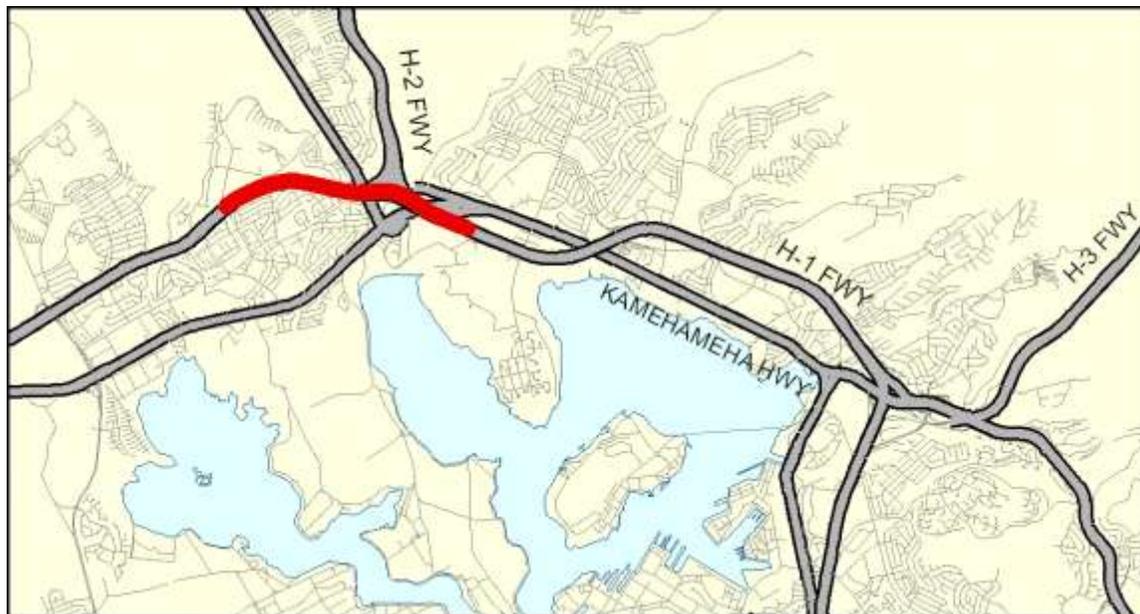
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	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. This project involves restriping the interstate H-1 from the Waiawa Interchange to Waikele.

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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.

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.)

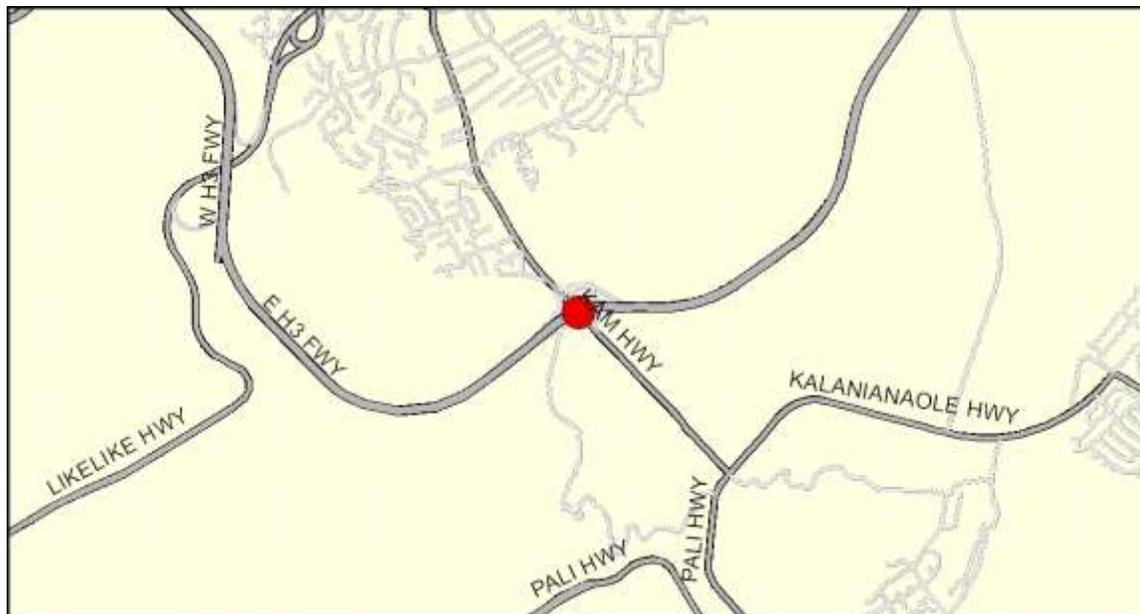
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
DES	0	0	0	1,080	864	216	0	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	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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 2</i>																			
CON	0	0	0	2,704	2,434	270	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Phase 3</i>																			
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



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)

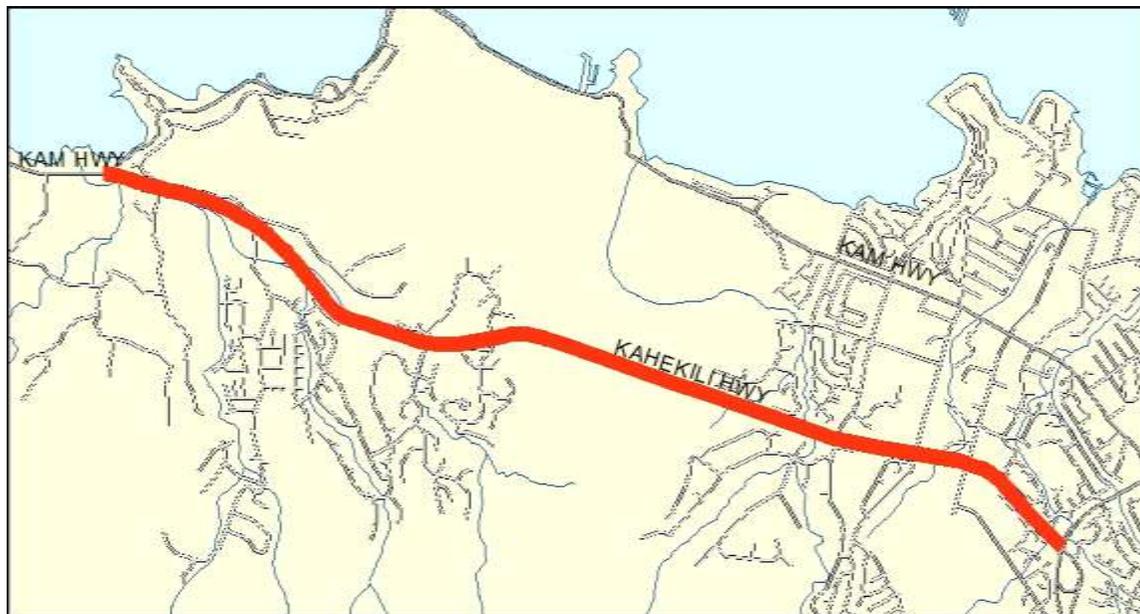
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP

OS60 Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)



Project Description:
Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project cost is based on a potential full build alternative

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): Kalihi Valley, Kahaluu

Estimated Total Project Cost: \$68,000,000
(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE2	0	0	0	0	0	0	0	0	0	6,000	4,800	1,200	0	0	0	0	0	0	NHPP

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



Project Description:

Improve bike route on Kalanianaʻole Highway, from Waimanalo Beach Park to Kainoa Beach Park.

Mile Post/s: Kalanianaʻole 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: \$0

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

Project Sponsor: State of Hawaii (FHWA Funded)

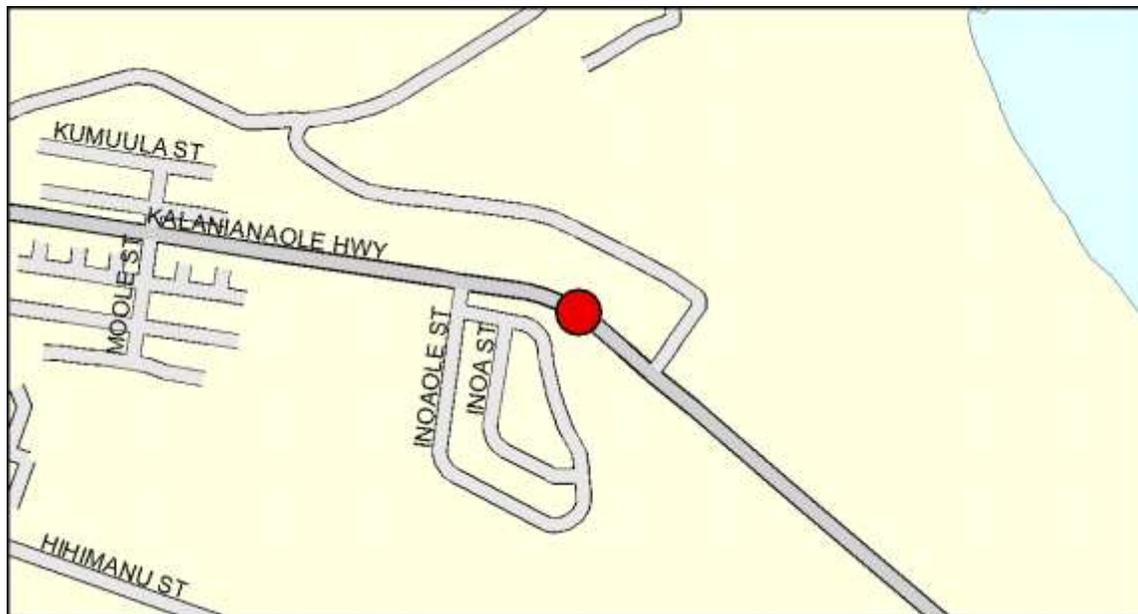
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Enhance

OS24 Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo



Project Description:
Replace the existing bridge.

Mile Post/s: Kalaniana'ole 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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,200	2,160	8,040	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	-6,000	NHPP

OS26 Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to vicinity of Makai Pier



Project Description:
Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to vicinity of Makai Pier. Project includes turning lense, bus pullouts, bicycle facility improvements, lighting improvements and road way resurfacing.

Mile Post/s: Kalanianaʻole 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: \$50,000,000
(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 2 - Poalima Street to Aloiloi Street</i>																			
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	250	200	50	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,750	2,200	550	Enhance
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,300	10,640	2,660	NHPP
<i>Phase 3 - Aloiloi Street to vicinity of Makai Pier</i>																			
DES	0	0	0	1,632	1,306	326	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS25 Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Vicinity of Makai Pier, Phase I, Olomana Golf Course to Poalima Street



Project Description:

Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Mile Post/s: Kalanianaʻole 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: \$50,000,000

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

Project Sponsor: State of Hawaii (FHWA Funded)

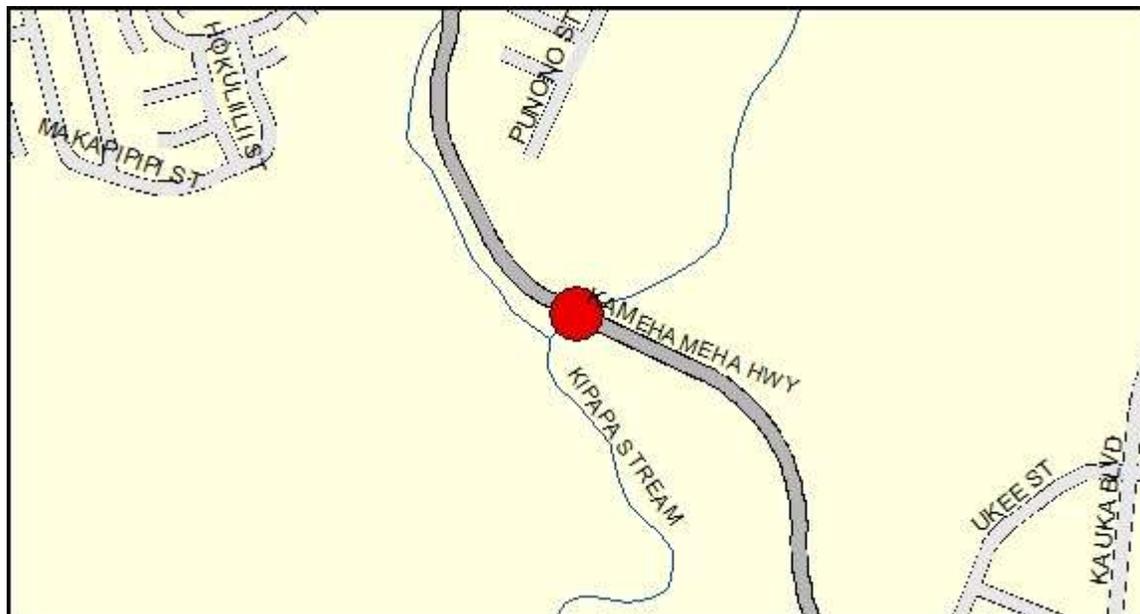
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	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: \$13,500,000
(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
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	0	0	0	11,675	9,340	2,335	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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



Project Description:

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

Mile Post/s:

Complete Streets (CS):

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

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$39,000,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE2	0	0	0	0	0	0	2,840	2,272	568	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	1,000	800	200	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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			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)	
ROW	0	0	0	0	0	0	0	0	0	0	0	0	297	238	59	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,367	1,094	5,273	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	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: \$6,365,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
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
CON	0	0	0	0	0	0	4,500	3,600	900	0	0	0	0	0	0	0	0	0	Un-Purposed Earmark

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	17,600	4,080	13,520	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	NHPP

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.)

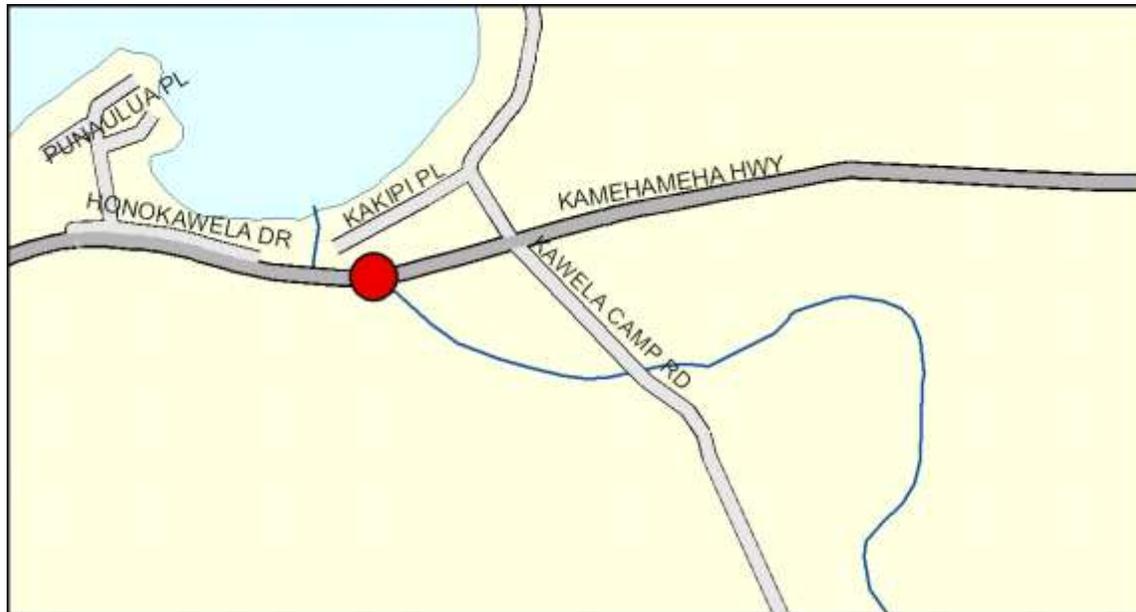
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	0	0	0	663	530	133	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: \$7,500,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
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	0	0	0	6,300	5,040	1,260	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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	200	160	40	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	0	0	0	Bridge On/Off
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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	1,020	816	204	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	26,520	2,216	24,304	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	9,000	-9,000	0	10,000	-10,000	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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			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)	
ROW	0	0	0	0	0	0	0	0	0	573	459	114	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	11,942	4,554	7,388	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

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	0	0	0	0	0	0	281	225	56	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,103	2,282	6,821	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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: \$11,300,000
 (May include project costs outside of the 4-year TIP and 2 informational years.)

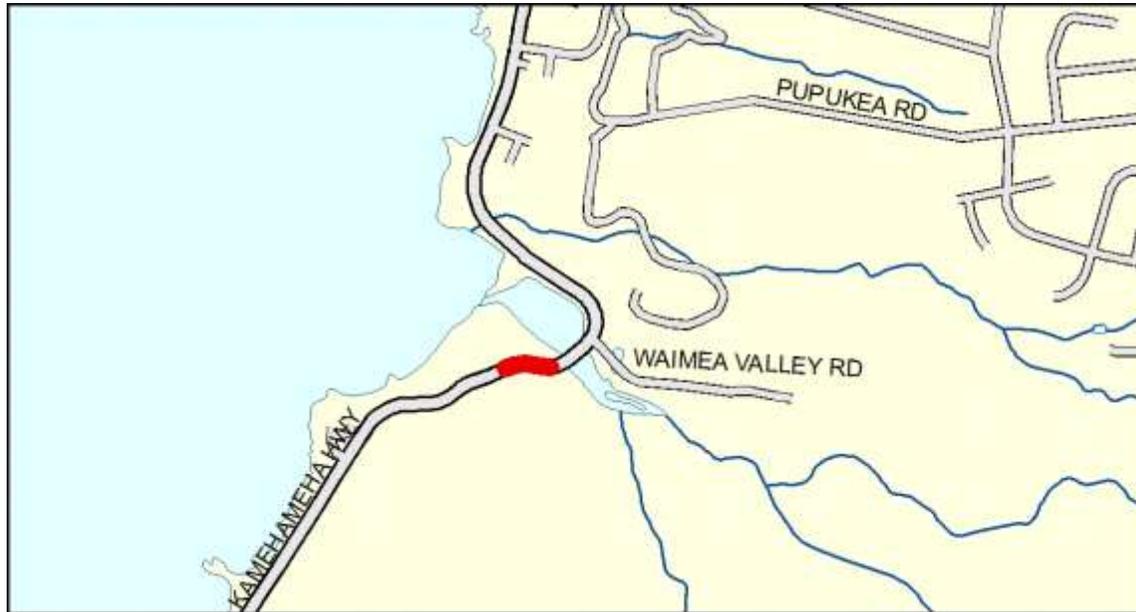
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	9,260	408	8,852	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	7,000	-7,000	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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category	
													FFY 2019			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)		
<i>Phase 1: Haleiwa</i>																				
ROW	0	0	0	0	0	0	490	392	98	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	10,080	364	9,716	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	7,700	-7,700	0	0	0	0	NHPP
<i>Phase 2: Sunset Beach</i>																				
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,000	6,400	1,600	0	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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			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)		
CON	0	0	0	0	0	0	1,665	1,332	333	0	0	0	0	0	0	0	0	0	0	HSIP

OS38 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula (#14)



Project Description:
Construct shoreline protection measures for areas in Hauula (#14) 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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS39 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)



Project Description:
Construct shoreline protection measures for areas in Kaaawa (#10) 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: \$12,400,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

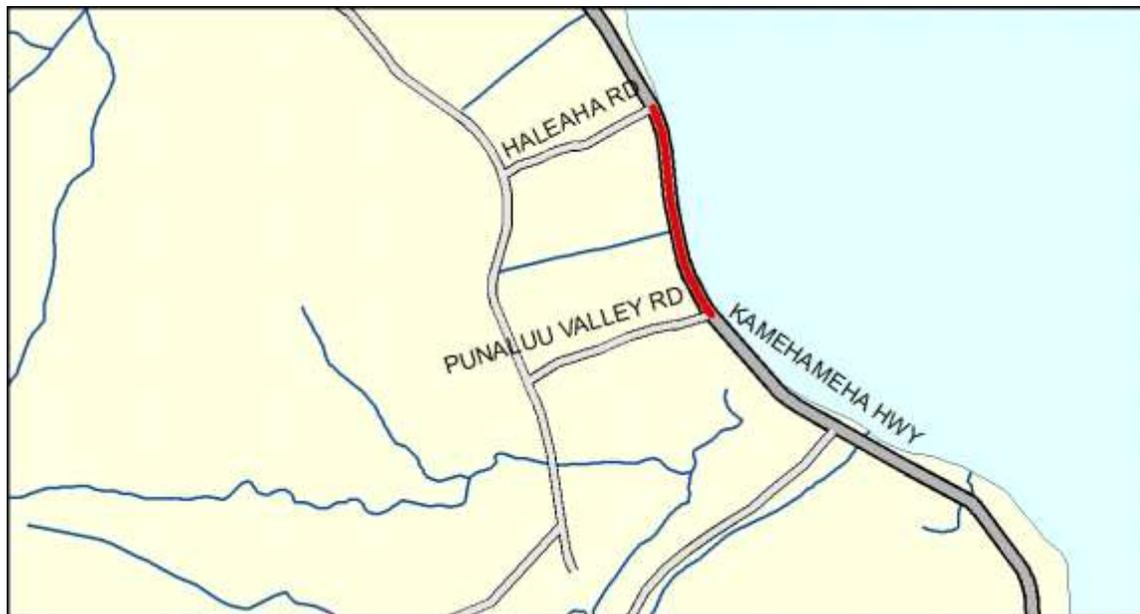
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,820	8,640	2,180	0	0	0	NHPP

OS40 Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Punaluu (#9)



Project Description:
Construct shoreline protection measures for areas in Punaluu (#9) 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: \$8,900,000
(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,650	6,120	1,530	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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			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)	
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.)

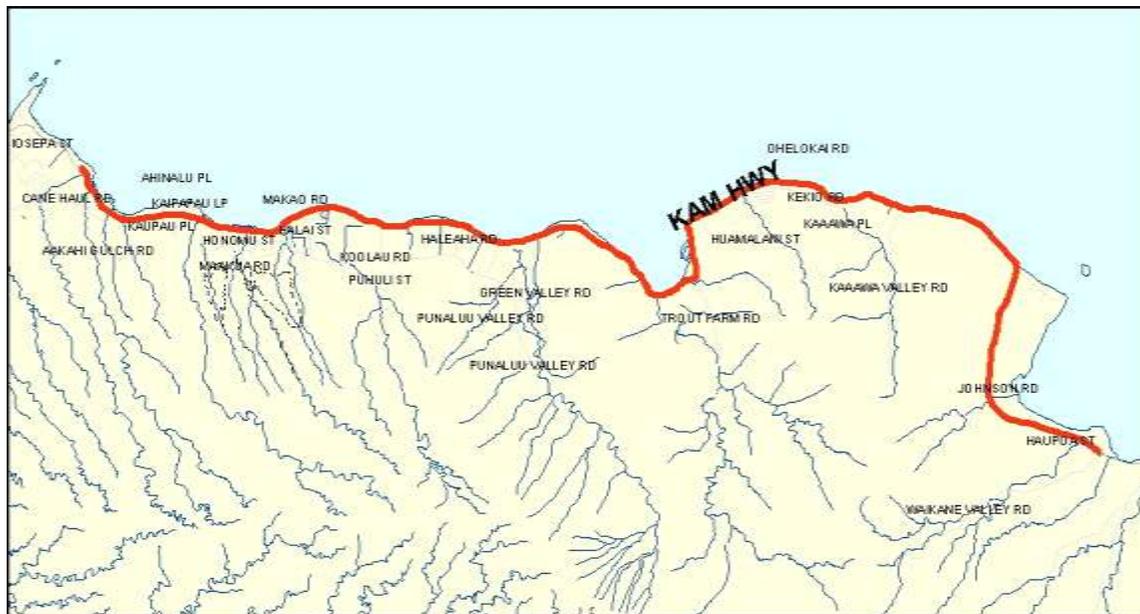
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PREROW	0	0	0	0	0	0	0	0	0	110	88	22	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	0	0	0	1,148	918	230	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS65 Kamehameha Highway (RTE 83) Shoreline Mitigation, Vicinity of Kualoa, Kaawa, Punauu, and Hauula



Project Description:

Repair locations identified along the coastal highway that have a very high probability of further erosion in the immediate future.

Mile Post/s: Kamehameha Highway (RTE 83): MP 20.00 to MP 31.00

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): Koolauloa, Kahaluu

Estimated Total Project Cost: \$10,100,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE1	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
PE2/CON	0	0	0	0	0	0	10,000	5,000	5,000	0	0	0	0	0	0	0	0	0	NHPP

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



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

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$1,850,000
(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
CON	0	0	0	1,632	1,306	326	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.

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)

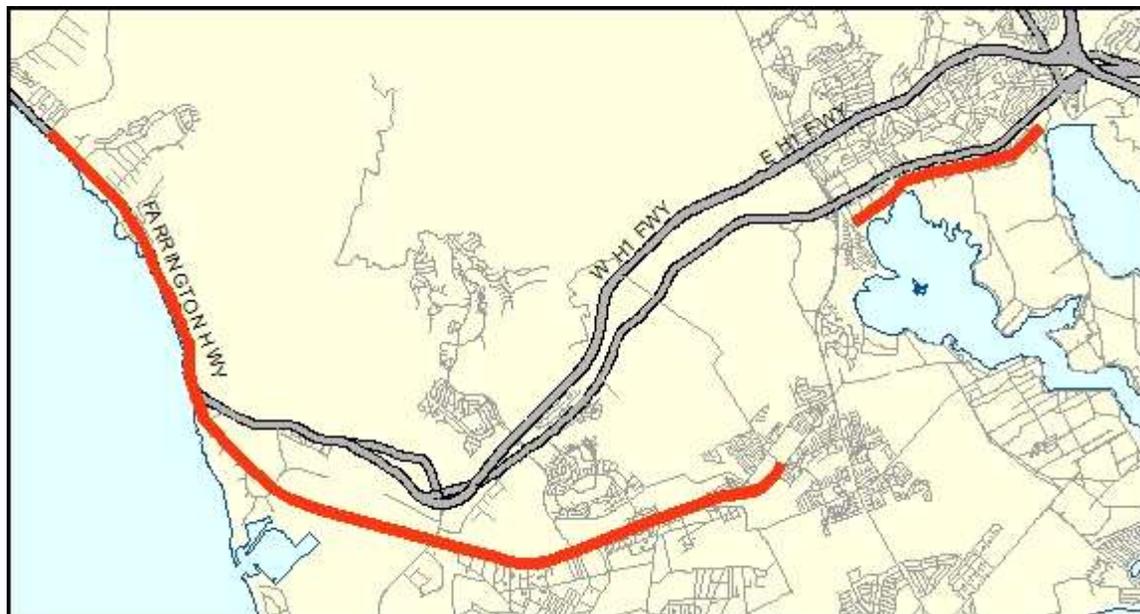
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	18,100	0	18,100	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	8,000	-8,000	0	6,480	-6,480	STP Flex

OS43 Leeward Bikeway, Phase II, Hawaii Railroad Society Train Station to Lualualei Naval Road



Project Description:
 Improve the bikeway/bike path from the Hawaii Railway Society Train Station Waipio Point Access Road to Lualualei Naval Road.

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Phase 1 - Waipio Point Access Road to Hawaiian Railway Society</i>																				
CON	0	0	0	0	0	0	9,180	344	8,836	0	0	0	0	0	0	0	0	0	0	Enhance
ADVCON	0	0	0	0	0	0	0	0	0	0	7,000	-7,000	0	0	0	0	0	0	0	Enhance
<i>Phase II - Hawaiian Railway Society Train Station to Lualualei Naval Road</i>																				
PREROW	0	0	0	0	0	0	108	86	22	0	0	0	0	0	0	0	0	0	0	Enhance
ROW	0	0	0	0	0	0	0	0	0	0	0	0	3,060	2,448	612	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	0	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)

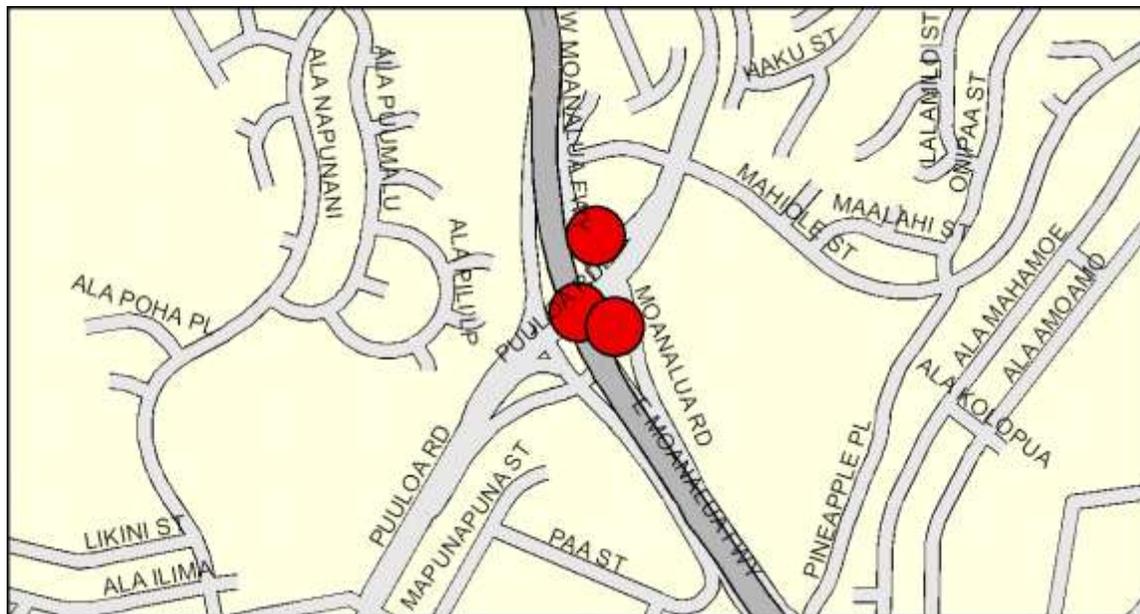
Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	6,242	994	5,248	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

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

OS45 Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass (MP 1.12 to MP 4.09)



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: \$6,800,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	6,242	618	5,624	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

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



Project Description:

Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the 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.)

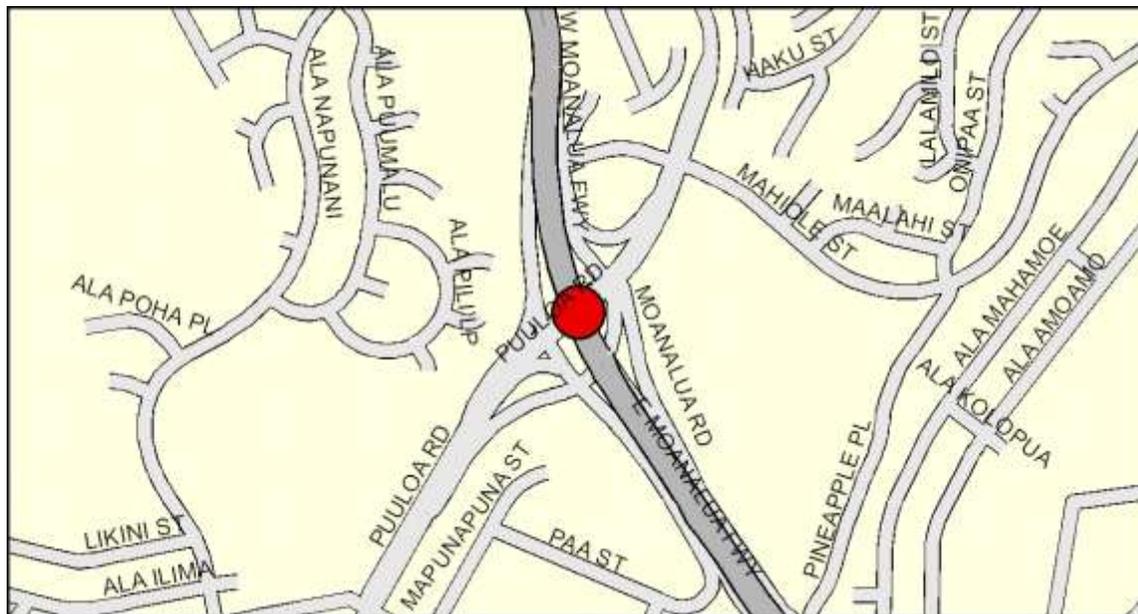
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			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)	
CON	0	0	0	0	0	0	0	0	0	2,533	26	2,507	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	-2,000	0	0	0	NHPP

OS47 Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A" and 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): Airport, Moanalua, Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$11,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

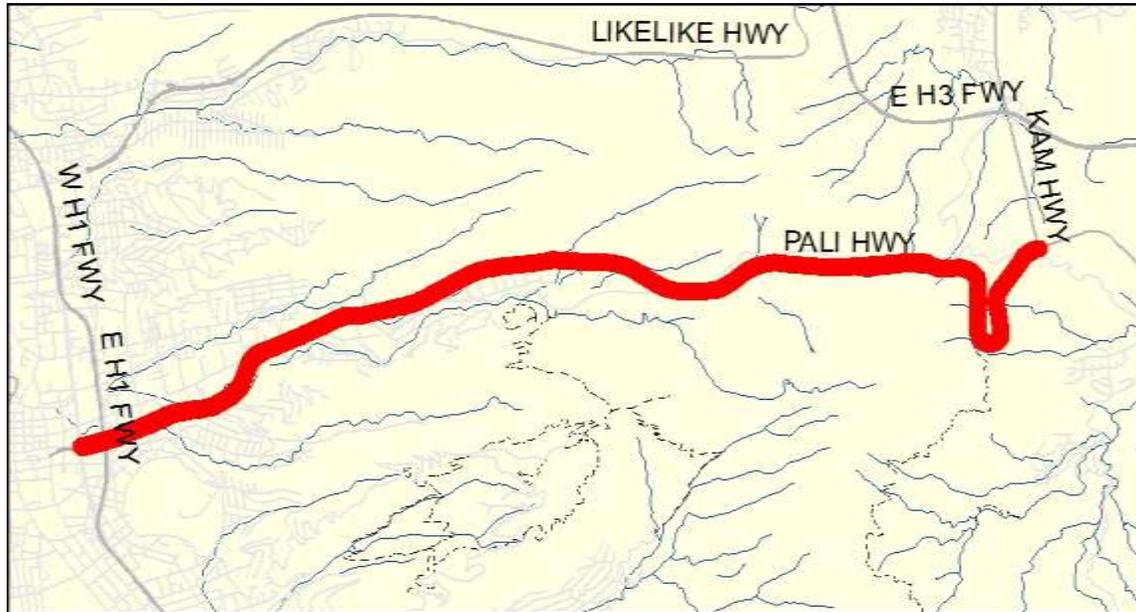
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	10,822	288	10,534	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	8,370	-8,370	0	0	0	NHPP

OS62 Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)



Project Description:

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

Mile Post/s:

Complete Streets (CS):

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

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

Estimated Total Project Cost: \$85,000,000

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy & Resurfacing Waokanaka St. to Kamehameha Hwy.</i>																				
CON	0	0	0	0	0	0	4,300	3,440	860	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	57,700	14,760	42,940	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	20,400	-20,400	0	11,000	-11,000	0	0	0	0	NHPP
<i>Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St</i>																				
CON	0	0	0	0	0	0	0	0	0	0	0	0	18,000	4,400	13,600	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	0	NHPP



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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	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:

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

Mile Post/s:

Complete Streets (CS):

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

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Airport

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

(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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	135	0	135	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
PREROW	0	0	0	130	0	130	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	0	0	0	0	0	0	3,000	2,400	600	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	0	0	0	0	0	0	5,100	80	5,020	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

OS63 Traffic Counting Stations at Various Locations, Oahu.



Project Description:

Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.

Mile Post/s:

Complete Streets (CS):

Project will implement:

Existing Feature/s:

Project Website: None

Neighborhood(s): Various Locations

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2019		FFY 2020														
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																
CON	0	0	0	0	0	0	2,500	2,000	500	0	0	0	0	0	0	0	0	0	0	STP Flex

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: \$97,813,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	1	0	1	6	1	5	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	0	0	0	12,115	-12,115	0	6,471	-6,471	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	12,674	-12,674	0	0	0	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
OPR	0	0	0	0	0	0	300	240	60	0	0	0	0	0	0	0	0	0	STP Flex



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: \$6,695,000

(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:

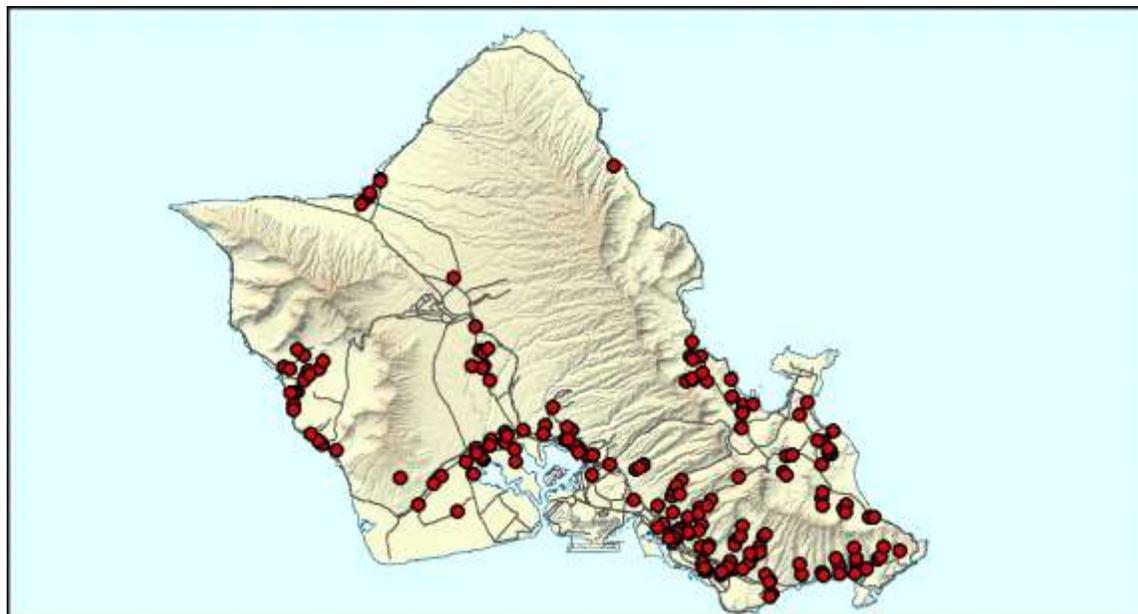
City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
Hamakua Drive (Route 6010)																			
PE2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC2 Bikeway Improvements Program

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			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)	
<i>Hamakua Drive (Route 6010)</i>																			
CON	0	0	0	663	530	133	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	153	122	31	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Lehua Avenue - Bike Lane & Pedestrian Improvements</i>																			
PE1	0	0	0	0	0	0	0	0	0	425	300	125	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	125	100	25	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,445	1,956	489	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156	125	31	STP Flex
<i>TBD - DES 2019</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	425	300	125	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	100	25	STP Flex
ROW	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	Local Only
<i>TBD - DES 2020</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	425	300	125	STP Flex
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only



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.)

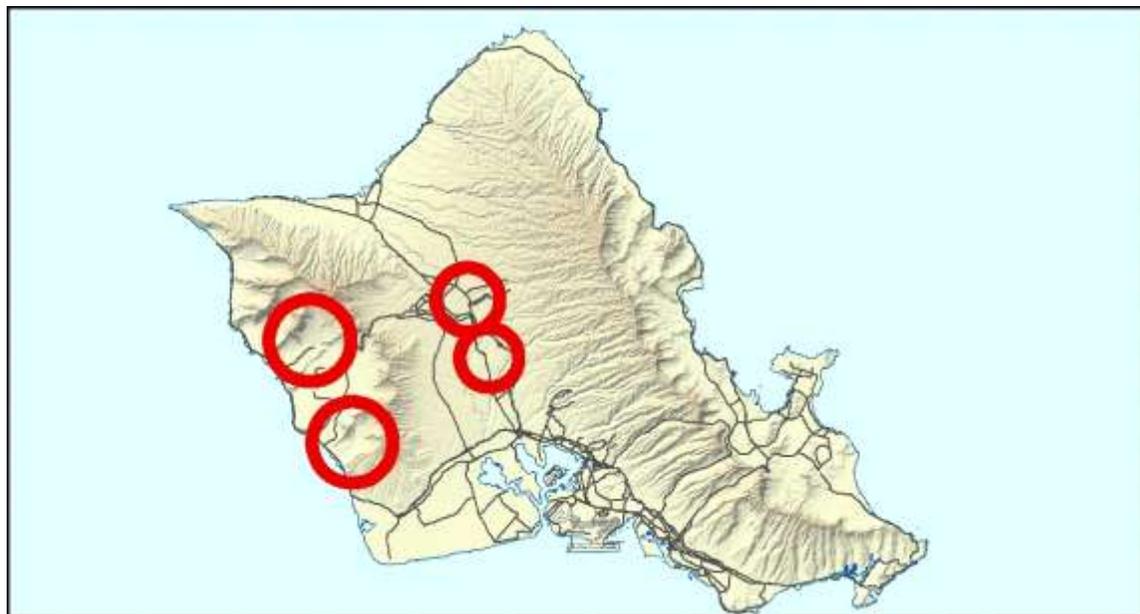
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Design and Construction

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
	Total		Local	FFY 2019		FFY 2020													
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)															
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: \$12,508,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 14: Mililani Town</i>																			
PE1	0	0	0	0	0	0	0	0	0	250	199	51	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	103	82	21	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	3,167	2,351	816	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
<i>Phase 15: Wahiawa</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	250	199	51	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	82	21	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,080	3,264	816	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
<i>Phase 16: Nanakuli/Waianae</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	199	51	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	82	21	STP Flex
<i>Phase 17: TBD</i>																			

OC4 Computerized Traffic Control System

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 17: TBD</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245	195	50	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	80	20	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

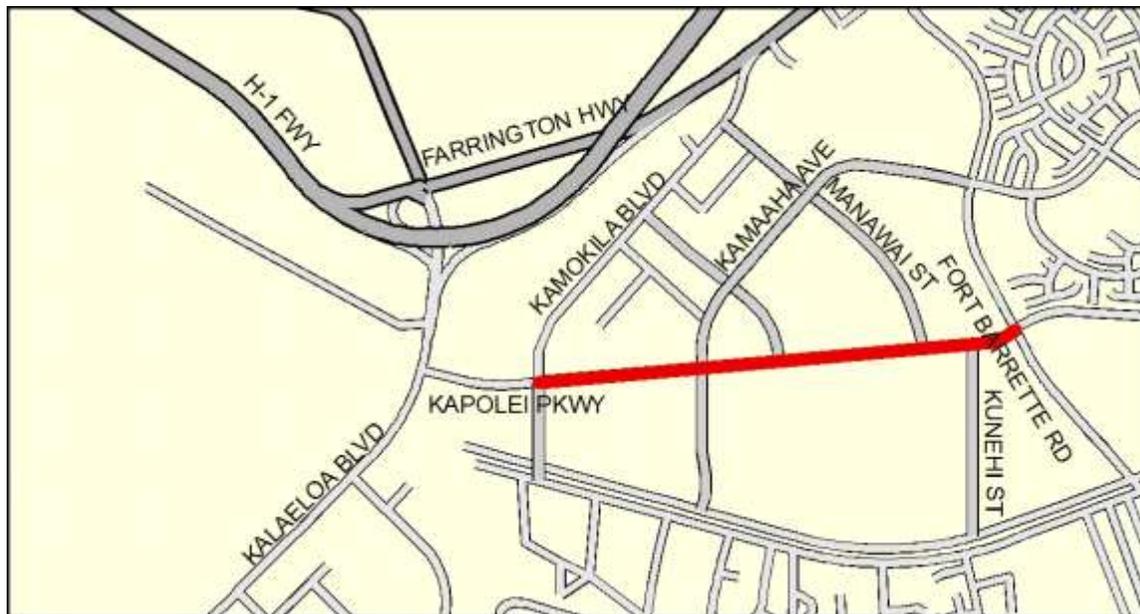
Estimated Total Project Cost: \$100,000,000
 (May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex



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)

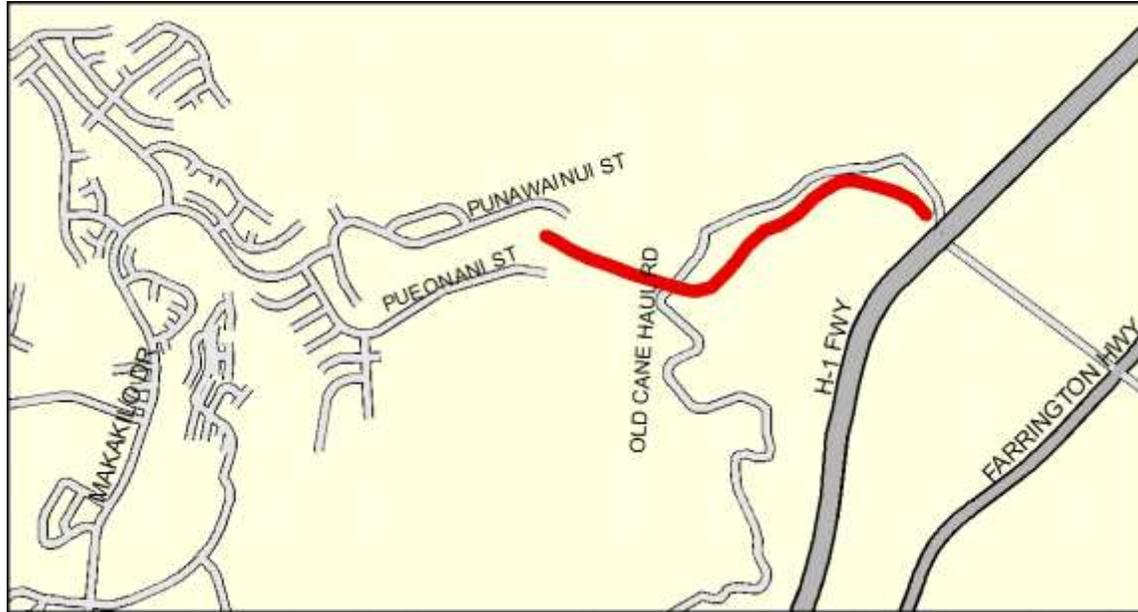
Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
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: \$46,400,000

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

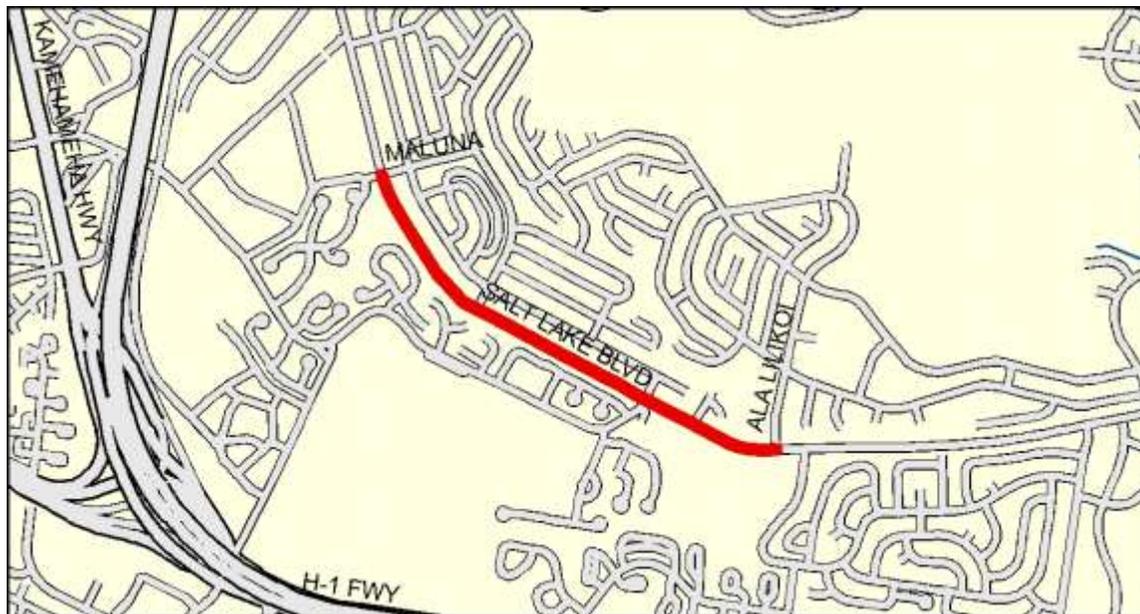
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PE2	0	0	0	0	0	0	3,060	0	3,060	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,400	4,080	16,320	STP Flex



Project Description:

To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liliko 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: \$80,000,000

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

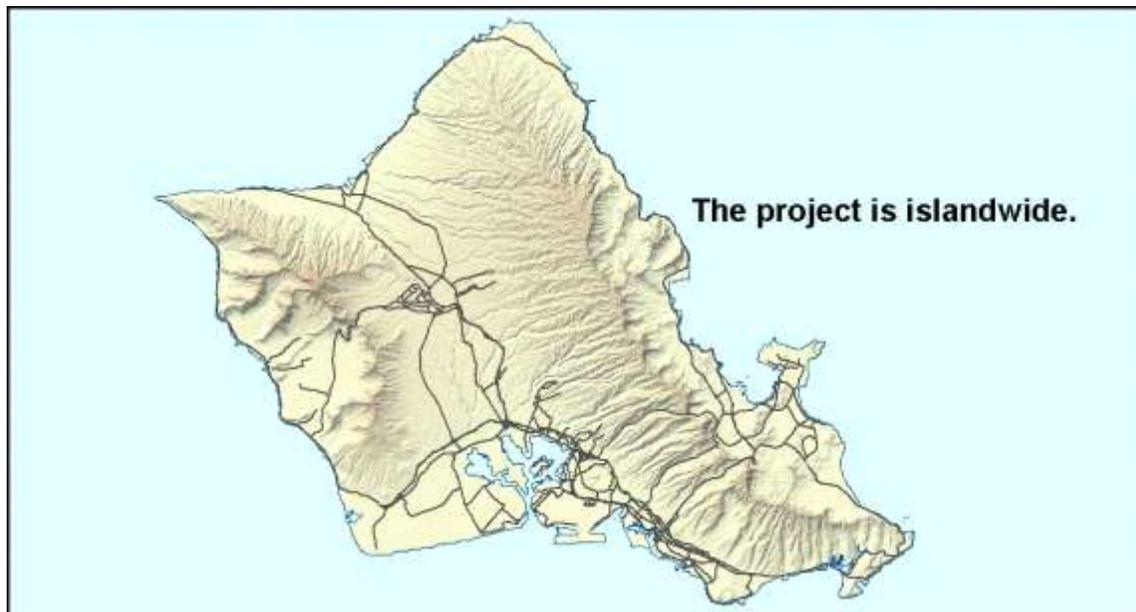
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	40,000	11,000	29,000	40,000	11,000	29,000	0	0	0	STP Flex



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: \$9,244,000

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

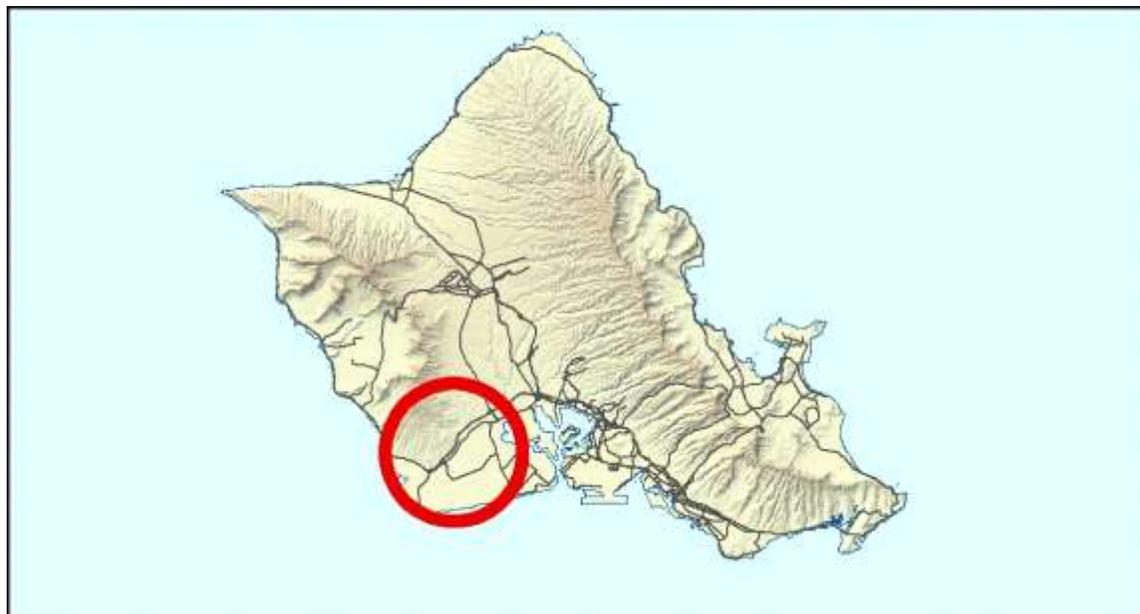
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

OC8 Traffic Improvements at Various Locations

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	
(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
<i>Kalaheo Avenue/Kailua Road</i>																			
ROW	0	0	0	0	0	0	0	0	0	0	0	0	106	85	21	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,590	1,272	318	0	0	0	STP Flex
INSP	0	0	0	0	0	0	0	0	0	0	0	0	265	212	53	0	0	0	STP Flex
<i>Liliha Street Design - Complete Street</i>																			
PE1	0	0	0	0	0	0	350	280	70	0	0	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	250	120	130	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,625	1,300	325	0	0	0	STP Flex
INSP	0	0	0	0	0	0	0	0	0	0	0	0	130	104	26	0	0	0	STP Flex
<i>TBD - DES 2019</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	425	300	125	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	100	25	STP Flex
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
<i>TBD - DES 2020</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	425	300	125	STP Flex
PE2	0	0	0	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	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
<i>University Avenue Design - Complete Streets</i>																			
PE1	0	0	0	0	0	0	0	0	0	425	300	125	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	125	100	25	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,178	942	236	STP Flex
INSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>Village Park/Kupuna Loop</i>																			
DES	450	360	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	0	0	0	STP Flex
INSP	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	STP Flex



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

FOR INFORMATION ONLY

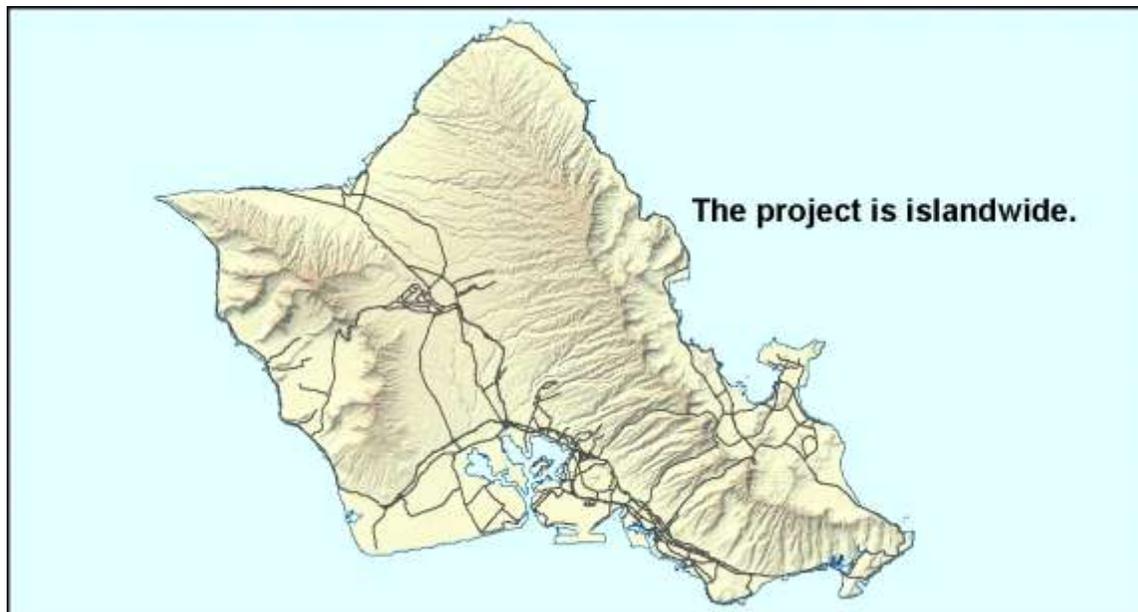
Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Phase 6 (Kapolei, Ewa, and Makakilo areas)</i>																				
PE1	0	0	0	0	0	0	375	300	75	0	0	0	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	STP Flex
<i>Phase 7 (TBD)</i>																				
PE1	0	0	0	0	0	0	0	0	0	61	0	61	0	0	0	0	0	0	0	Local Only
PE2	0	0	0	0	0	0	0	0	0	40	0	40	0	0	0	0	0	0	0	Local Only
<i>Phase 8 (TBD)</i>																				

OC9 Traffic Signal Optimization

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 8 (TBD)</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	61	0	61	0	0	0	Local Only
PE2	0	0	0	0	0	0	0	0	0	0	0	0	40	0	40	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. Phase 20 includes upgrades to the existing time-of-day coordinated traffic signal systems to the new generation of Adaptive Traffic Control Technology (ATCT) operations along an estimated 20 routes.

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: \$23,515,000

(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

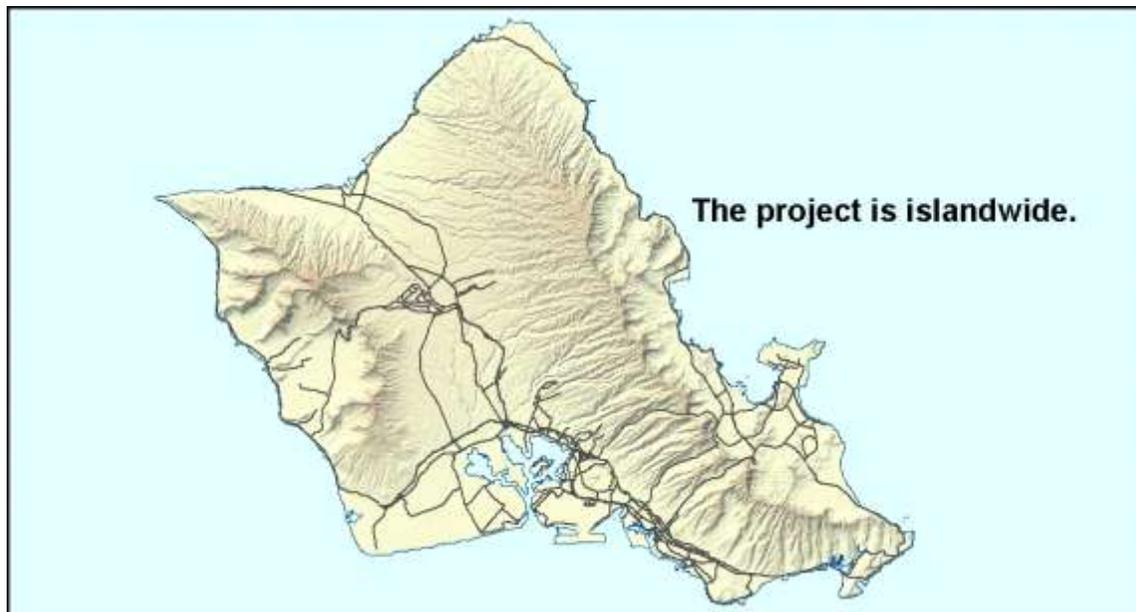
FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
<i>Phase 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</i>																				
CON	3,496	2,800	696	0	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	0	STP Flex
<i>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 Liliko Street, Kamehameha High</i>																				
CON	0	0	0	3,405	2,855	550	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC10 Traffic Signals at Various Locations

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>Phase 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 Liliko Street, Kamehameha High</i>																			
EQP	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>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</i>																			
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
<i>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</i>																			
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
<i>Phase 19 - Waialae Avenue at 16th Avenue, Moanalua Road at Ualo Street</i>																			
PE1	0	0	0	274	219	55	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	183	146	37	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
<i>Phase 20 - Kalaniana'ole Hwy in Waialae- Hawaii Kai, Farrington Hwy in Nanakuli, Fort Weaver Rd in Ewa, Farrington Hwy in Waipahu, Kamehameha Hwy in Aiea-Pearl City, Moanalua Rd in Aiea-Pearl City, Kamehameha Hwy in Hickam-Airport, Salt Lake Blvd in Foster Village, Pali Hwy in Nuuanu-Pali.</i>																			
PE1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>Phase 21 - TBD</i>																			
PE1	0	0	0	0	0	0	313	250	63	0	0	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0				134	107	27	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	STP Flex
<i>Phase 22 - TBD</i>																			
PE1	0	0	0	0	0	0	0	0	0	313	250	63	0	0	0	0	0	0	STP Flex
PE2	0	0	0	0	0	0	0	0	0	0	0	0	134	107	27	0	0	0	STP Flex



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

Mile Post/s: Not applicable

Complete Streets (CS):

Project will implement: Not applicable

Existing Feature/s: No information available.

Project Website: None

Neighborhood(s): Islandwide

Estimated Total Project Cost: \$2,300,000

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

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

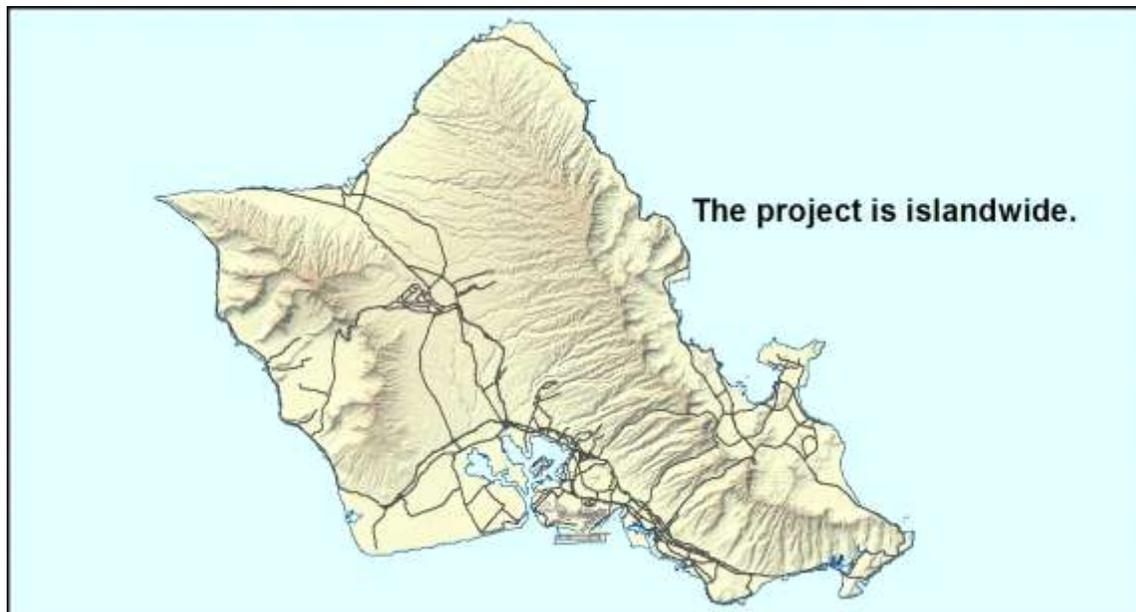
Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services/HART

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
TBD																			
PE1	0	0	0	520	416	104	0	0	0	0	0	0	0	0	0	0	0	0	TAP
PE2	0	0	0	400	320	80	0	0	0	0	0	0	0	0	0	0	0	0	TAP
CON	0	0	0	1,380	1,104	276	0	0	0	0	0	0	0	0	0	0	0	0	TAP

OC25 Transportation Alternatives Projects at Various Locations



Project Description:

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

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: <http://www.oahumpo.org/resources/publications-and-reports/transportation-alternatives-program-oahu/>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$7,889,000

(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/HART

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>DTS Secure Bike Storage Units</i>																			
CON	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	TAP-U
<i>HART Middle Loch Connector</i>																			
CON	0	0	0	500	400	100	0	0	0	0	0	0	0	0	0	0	0	0	TAP-U
<i>Phase 2 - TBD</i>																			
CON	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	TAP-U
<i>Phase 3 - TBD</i>																			

OC25 Transportation Alternatives Projects at Various Locations

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			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)	
<i>Phase 3 - TBD</i>																			
CON	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	TAP-U
<i>Phase 4 - TBD</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	3,889	3,111	778	0	0	0	TAP-U
<i>Phase 5 - TBD</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	800	200	TAP-U

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

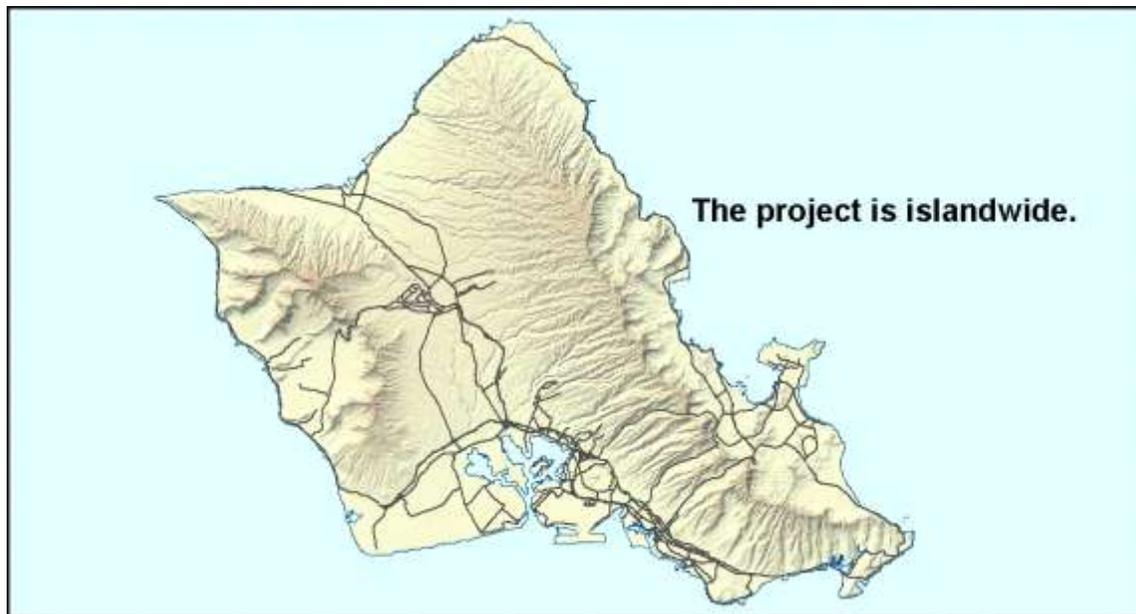
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

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



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.)

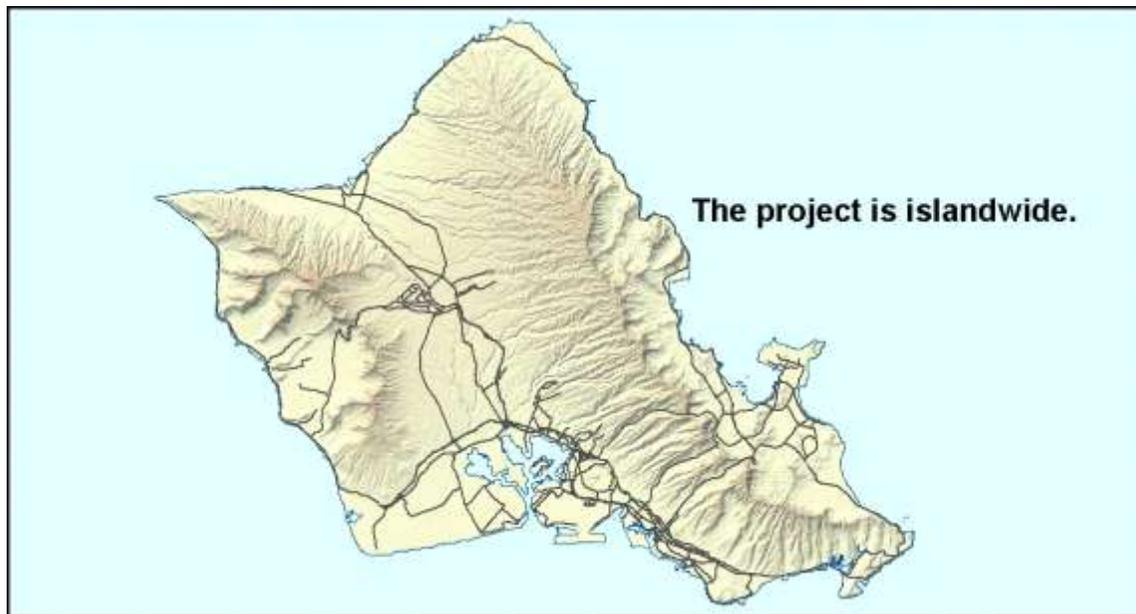
Project Sponsor: State of Hawaii (FTA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	0	0	0	0	0	0	354	177	177	366	183	183	376	188	188	388	194	194	\$5307/\$5340
OPR	334	167	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2014)
OPR	0	0	0	209	104	105	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2015)
OPR	512	249	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5310 (2013)
OPR	0	0	0	722	307	415	0	0	0	0	0	0	0	0	0	0	0	0	\$5310 (2014)
OPR	0	0	0	0	0	0	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 + 0-35' buses + 15-40' 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: \$153,918,000

(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

FOR INFORMATION ONLY

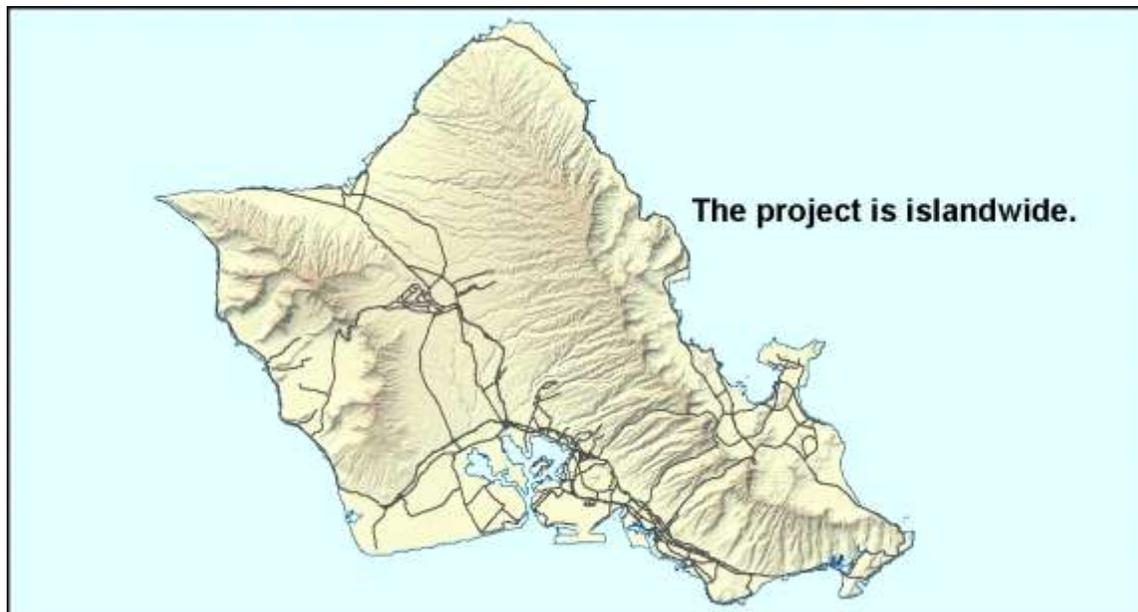
Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
EQP	0	0	0	3,688	2,519	1,169	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	15,086	11,461	3,625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2014)
EQP	0	0	0	13,018	10,414	2,604	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2015)
EQP	2,403	1,923	480	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309(2012)
EQP	0	0	0	0	0	0	1,388	1,178	210	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	\$5337 SOGR
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)

OC13 Bus and Handi-Van Acquisition Program

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
EQP	0	0	0	1,410	1,133	277	0	0	0	0	0	0	0	0	0	0	0	0	5337 SOGR (2015
EQP	0	0	0	0	0	0	2,979	2,352	627	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	§5339
EQP	4,365	3,492	873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5339(2013)
EQP	0	0	0	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	0	0	0	4,453	3,562	891	0	0	0	0	0	0	0	0	0	0	0	0	§5339(2015)
INSP	0	0	0	48	38	10	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2015)

OC14 Bus Stop ADA Access and Site 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.”

This project incorporates the scope of three previously individual projects: OC14, Bus Stop ADA Access Improvements; OC15, Bus Stop Site Improvements; and OC22, Pedestrian Transit Connections.

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: \$4,187,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN	1	0	1	5	0	5	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
PE1	270	0	270	365	0	365	270	0	270	270	0	270	270	0	270	270	0	270	Local Only
ROW	5	0	5	20	0	20	5	0	5	5	0	5	5	0	5	5	0	5	Local Only
CON	621	300	321	495	145	350	321	0	321	321	0	321	321	0	321	321	0	321	\$5307/\$5340
EQP	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
REL	1	0	1	5	0	5	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: \$0

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

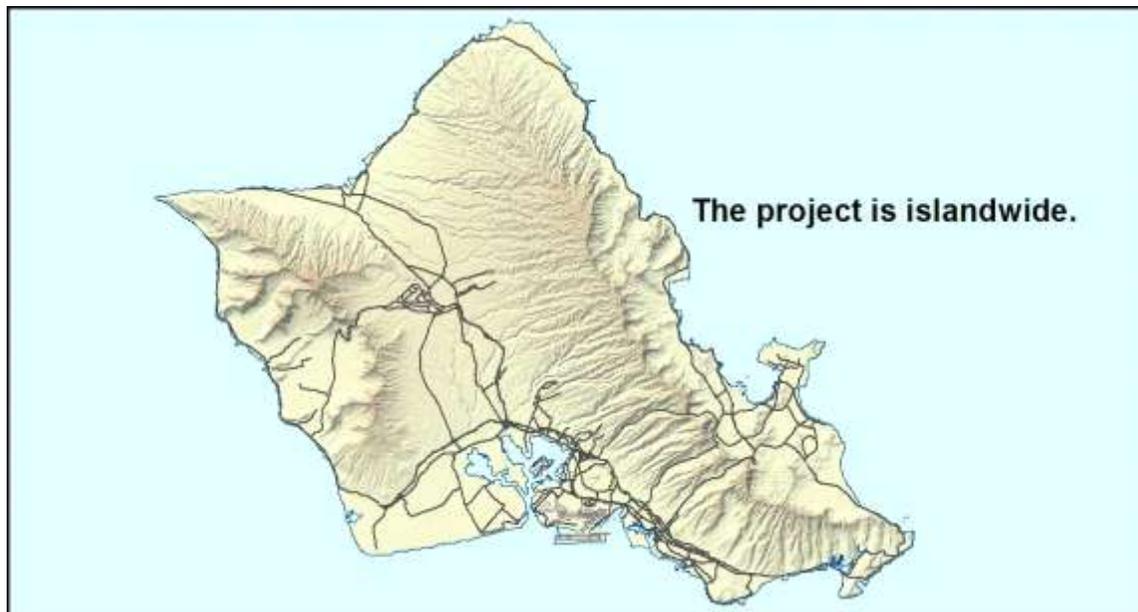
Project Sponsor: City and County of Honolulu (FTA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only



Project Description:
Public Transit Division staff attendance at training workshops offered by the National Transit Institute.

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): Various Locations

Estimated Total Project Cost: \$150,000

(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	\$5307/\$5340



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.honolulustransit.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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
HRTP	0	0	0	1,666,667	500,000	1,166,667	813,367	244,010	569,357	0	0	0	0	0	0	0	0	0	0	\$5309 NS
<i>FHWA to FTA Flex Funds: HDOT Highway Improvements (OS 64)</i>																				
HRTP	0	0	0	3,750	3,000	750	18,750	15,000	3,750	18,750	15,000	3,750	0	0	0	0	0	0	0	\$5307/\$5340
<i>FHWA to FTA Flex Funds: Transportation Alternatives Program (OC26)</i>																				
HRTP	0	0	0	1,250	1,000	250	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340



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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	0	0	0	0	0	0	216	108	108	223	111	112	230	115	115	236	118	118	§5307/§5340
OPR	204	102	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2014)
OPR	0	0	0	204	102	102	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2015)



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.)

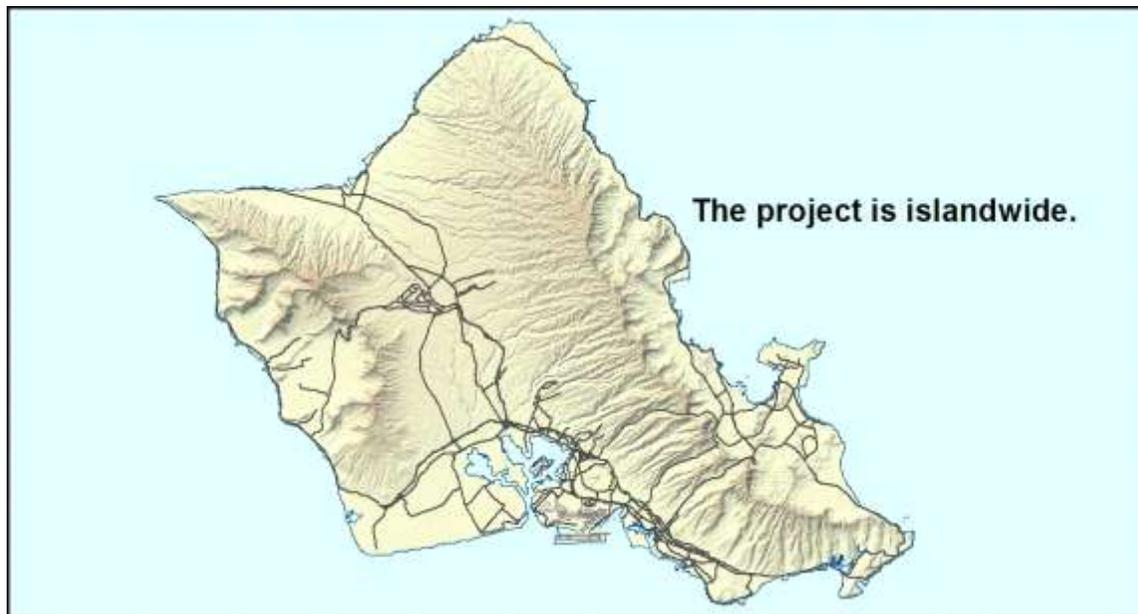
Project Sponsor: City and County of Honolulu (FTA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	\$5339
PLN	0	0	0	0	0	0	1,846	1,348	498	0	0	0	0	0	0	0	0	0	\$5339(2016)
PE1	0	0	0	0	0	0	0	0	0	200	0	200	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	5,864	0	5,864	5,867	0	5,867	Local Only
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	Local Only



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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	0	0	0	0	0	0	335	268	67	345	276	69	356	285	71	366	293	73	\$5307/\$5340
OPR	257	197	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2014)
OPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340(2015)
OPR	92	76	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5310 (2013)
OPR	0	0	0	407	325	82	0	0	0	0	0	0	0	0	0	0	0	0	\$5310 (2014)
OPR	0	0	0	0	0	0	84	67	17	86	69	17	89	71	18	91	73	18	\$5310-Urban



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 asphaltic concrete paving.

Project Website: None

Neighborhood(s): Islandwide

Estimated Total Project Cost: \$0

(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

FOR INFORMATION ONLY

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



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

Mile Post/s:

Complete Streets (CS):

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

Existing Feature/s: No information available.

Project Website: <http://www.vanpoolhawaii.com>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$12,403,000
(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

FOR INFORMATION ONLY

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
OPR	32,927	17,265	15,662	41,638	21,833	19,805	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	§5307/§5340
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)

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 facilities.

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
													FFY 2019			FFY 2020			
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local										
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)												
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	356	296	60	413	330	83	413	330	83	413	330	83	0	0	0	\$5307/\$5340

FUNDING CHANGES: REVISION #11 to REVISION #12

FUNDING SUMMARY

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY					
	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FFY 2019			FFY 2020		
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)
FHWA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #11	158,769	89,719	69,050	108,101	76,449	31,652	191,188	82,817	108,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
Revision #12 Changes	0	0	0	100	80	20	10,000	5,000	5,000	0	0	0	0	0	0	0	0	0
Total as of Revision #12	158,769	89,719	69,050	108,201	76,529	31,672	201,188	87,817	113,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
C&C of Honolulu - Sponsored Projects																		
As of Revision #11	29,508	17,000	12,508	31,480	17,362	14,118	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,389	16,705	19,684
Revision #12 Changes	0	0	0	2,300	1,840	460	0	0	0	0	0	0	0	0	0	(102)	0	(102)
Total as of Revision #12	29,508	17,000	12,508	33,780	19,202	14,578	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,287	16,705	19,582
TOTAL FHWA	188,277	106,719	81,558	141,981	95,731	46,250	218,666	105,617	113,049	225,783	105,391	120,392	223,346	153,402	69,944	166,901	129,613	37,288
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #11	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Revision #12 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	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 #11	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
Revision #12 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
TOTAL FTA	77,607	48,540	29,067	1,740,327	545,195	1,195,132	912,791	267,762	645,029	99,347	22,515	76,832	87,464	7,628	79,836	88,280	7,413	80,867

FUNDING CHANGES: REVISION #9 to REVISION #12

FUNDING SUMMARY

										FOR INFORMATION ONLY								
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			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 #9	158,769	98,019	60,750	132,841	103,138	29,703	154,663	81,761	72,902	149,358	61,393	87,965	174,939	91,163	83,776	120,414	110,908	9,506
Revision #12 Changes	0	(8,300)	8,300	(24,640)	(26,609)	1,969	46,525	6,056	40,469	29,547	27,942	1,605	(9,180)	37,516	(46,696)	10,200	2,000	8,200
Total as of Revision #12	158,769	89,719	69,050	108,201	76,529	31,672	201,188	87,817	113,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
C&C of Honolulu - Sponsored Projects																		
As of Revision #9	29,508	17,000	12,508	31,638	17,500	14,138	12,430	7,302	5,128	48,592	17,000	31,592	55,821	23,167	32,654	34,676	15,091	19,585
Revision #12 Changes	0	0	0	2,142	1,702	440	5,048	10,498	(5,450)	(1,714)	(944)	(770)	1,766	1,556	210	1,611	1,614	(3)
Total as of Revision #12	29,508	17,000	12,508	33,780	19,202	14,578	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,287	16,705	19,582
TOTAL FHWA	188,277	106,719	81,558	141,981	95,731	46,250	218,666	105,617	113,049	225,783	105,391	120,392	223,346	153,402	69,944	166,901	129,613	37,288
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #9	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Revision #12 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	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 #9	1,147,325	390,619	756,706	1,162,441	405,761	756,680	881,384	286,467	594,917	514,859	168,480	346,379	128,291	40,291	88,000	130,896	41,508	89,388
Revision #12 Changes	(1,070,200)	(342,464)	(727,736)	577,389	139,037	438,352	30,895	(19,114)	50,009	(416,041)	(146,387)	(269,654)	(41,373)	(33,098)	(8,275)	(43,180)	(34,544)	(8,636)
Total as of Revision #12	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
TOTAL FTA	77,607	48,540	29,067	1,740,327	545,195	1,195,132	912,791	267,762	645,029	99,347	22,515	76,832	87,464	7,628	79,836	88,280	7,413	80,867

FUNDING CHANGES: ORIGINAL FFYs 2015-2018 TIP to REVISION #12

FUNDING SUMMARY

										FOR INFORMATION ONLY								
	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			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 #0	151,332	74,098	77,234	150,700	74,679	76,021	119,540	74,021	45,519	97,670	71,656	26,014	117,629	69,427	48,202	93,444	69,912	23,532
Revision #12 Changes	7,437	15,621	(8,184)	(42,499)	1,850	(44,349)	81,648	13,796	67,852	81,235	17,679	63,556	48,130	59,252	(11,122)	37,170	42,996	(5,826)
Total as of Revision #12	158,769	89,719	69,050	108,201	76,529	31,672	201,188	87,817	113,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
C&C of Honolulu - Sponsored Projects																		
As of Revision #0	30,669	17,000	13,669	37,411	17,000	20,411	31,669	16,580	15,089	34,935	16,560	18,375	55,035	18,430	36,605	54,435	18,430	36,005
Revision #12 Changes	(1,161)	0	(1,161)	(3,631)	2,202	(5,833)	(14,191)	1,220	(15,411)	11,943	(504)	12,447	2,552	6,293	(3,741)	(18,148)	(1,725)	(16,423)
Total as of Revision #12	29,508	17,000	12,508	33,780	19,202	14,578	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,287	16,705	19,582
TOTAL FHWA	188,277	106,719	81,558	141,981	95,731	46,250	218,666	105,617	113,049	225,783	105,391	120,392	223,346	153,402	69,944	166,901	129,613	37,288
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #0	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 #12 Changes	(620)	(310)	(310)	(640)	(320)	(320)	(660)	(330)	(330)	(680)	(340)	(340)	(702)	(351)	(351)	(724)	(362)	(362)
Total as of Revision #12	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 #0	1,149,483	381,176	768,307	1,188,620	384,019	804,601	887,406	286,601	600,805	522,267	170,000	352,267	123,999	41,852	82,147	126,642	43,111	83,531
Revision #12 Changes	(1,072,358)	(333,021)	(739,337)	551,210	160,779	390,431	24,873	(19,248)	44,121	(423,449)	(147,907)	(275,542)	(37,081)	(34,659)	(2,422)	(38,926)	(36,147)	(2,779)
Total as of Revision #12	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
TOTAL FTA	77,607	48,540	29,067	1,740,327	545,195	1,195,132	912,791	267,762	645,029	99,347	22,515	76,832	87,464	7,628	79,836	88,280	7,413	80,867

FHWA REGULAR FORMULA 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)	FFY 2020 (x\$1000)
FHWA-FUNDED PROJECTS						
<u>State of Hawaii-Sponsored Projects</u>						
National Highway Performance Program	85,132	66,782	60,592	61,169	117,872	98,221
Earmark High Priority	0	0	3,600	918	0	200
Highway Safety Improvement Program	0	4,160	5,908	4,961	72	2,400
Interstate Maintenance Discretionary	4,300	2,300	0	0	0	0
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	0	3,000	17,000	15,000	8,000	6,480
Transportation Enhancement	0	0	430	7,000	2,448	5,320
State of Hawaii - FHWA Total	89,719	76,529	87,817	89,335	128,679	112,908
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	720	720	720	800	800
STP Flexible	16,280	15,842	16,280	14,536	20,812	15,105
Transportation Alternatives Program - Urban	0	800	800	800	3,111	800
Transportation Alternatives Program	0	1,840	0	0	0	0
City and County of Honolulu - FHWA Total	17,000	19,202	17,800	16,056	24,723	16,705
FHWA TOTAL	106,719	95,731	105,617	105,391	153,402	129,613
Less Discretionary Funds, etc.	(4,300)	(2,300)	(3,600)	(918)	0	(200)
Less FTA Transfer Funds	0	0	0	0	0	0
FHWA REGULAR FORMULA FUNDS TOTAL	102,419	93,431	102,017	104,473	153,402	129,413

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	-
Earmark High Priority	-	-	-	-	-
Transportation Alternatives Program-U	-	-	-	-	-
Highway Safety Improvement Program	-	-	-	-	-
Interstate Maintenance Discretionary	4,300	500	4,800	4,800	-
Locally Funded	-	20,875	20,875	20,875	-
National Highway Performance Program	85,132	47,894	133,026	133,026	-
Recreational Trails Program	287	72	359	359	-
STP-U	12,500	-	12,500	-	12,500
STP Flexible, CMAQ, TE	3,780	12,037	15,817	28,317	(12,500)
Discretionary, Demo, ETC. Projects	6,600	-	6,600	-	6,600
De-Obligations	46,886	-	46,886	-	46,886
LESS Off-STIP Obligations	(30,404)	-	(30,404)	-	(30,404)
Total	129,801	81,558	211,359	188,277	23,082

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	-
Earmark High Priority		-	-	-	-
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program	1,920	460	2,380	2,300	80
Highway Safety Improvement Program	3,088	1,040	4,128	5,200	(1,072)
Interstate Maintenance Discretionary	2,300	1,780	4,080	4,080	-
Locally Funded	-	35,800	35,800	35,800	-
National Highway Performance Program	66,782	(6,070)	60,712	60,712	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	5,020	12,788	17,808	31,630	(13,822)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	14,800	-	14,800	-	14,800
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2015 Balance	23,082	-	23,082	-	23,082
Total	131,851	46,250	178,101	141,981	36,120

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	-
Earmark High Priority	3,600	900	4,500	4,500	-
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program		-		-	
Highway Safety Improvement Program	4,804	4,307	9,111	10,215	(1,104)
Interstate Maintenance Discretionary		-	-	-	
Locally Funded	-	39,660	39,660	39,660	-
National Highway Performance Program	60,592	58,584	119,176	119,176	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	6,678	9,146	15,824	42,856	(27,032)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	-	-	-	-	-
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2016 Balance	36,120		36,120		36,120
Total	126,653	113,049	239,702	218,666	21,036

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	-
Earmark High Priority	1,118	230	1,348	1,148	200
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program		-		-	
Highway Safety Improvement Program	2,697	(1,590)	1,107	3,371	(2,264)
Interstate Maintenance Discretionary		-	-	-	-
Locally Funded	-	36,502	36,502	36,502	-
National Highway Performance Program	61,169	39,608	100,777	100,777	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	14,898	45,190	60,088	81,726	(21,638)
Discretionary, Demo, ETC. Projects			-		-
De-Obligations			-		-
LESS Off-STIP Obligations			-		-
FFY 2017 Balance	21,036		21,036		21,036
Total	115,777	120,392	236,169	225,783	10,386

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	FTA Apportionments and Allocations (x\$000)	FTA Funds Carryover (x\$000)	Total Available FTA Funds (X\$000)	Total Project Costs (x\$000)	Local Match (x\$000)	Total Federal Funds Programed (x\$000)	FTA Carryover (x\$000)
§5307 Urbanized Area Formula*	30,622		30,622	35,721	16,476	19,245	11,377
§5307 Urbanized Area Formula* (2013)		2,320	2,320	4,304	2,047	2,257	63
§5307 Urbanized Area Formula* (2014)		15,338	15,338	21,408	6,070	15,338	-
§5309 Bus and Bus Facilities (2012)		1,923	1,923	2,403	480	1,923	-
§5309	250,024		250,024	-	-	-	250,024
§5310	385		385	482	97	385	-
§5310 - Urban	681		681				681
§5310 (2013)		325	325	604	279	325	-
§5310 (2014)		682	682				682
§5337 SOGR	1,133		1,133				1,133
§5337 SOGR (2013)		1,047	1,047	1,297	250	1,047	-
§5337 SOGR (2014)		1,111	1,111	1,376	265	1,111	-
§5339 Bus and Bus Facilities	3,562		3,562				3,562
§5339 Bus and Bus Facilities (2013)		4,149	4,149	4,365	873	3,492	657
§5339 Bus and Bus Facilities (2014)		3,417	3,417	4,271	854	3,417	-
FTA Local Funds Only			-	1,376	1,376	-	-
Totals	286,407	30,312	316,719	77,607	29,067	48,540	268,179

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

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

FFY 2016	FTA Apportionments and Allocations (x\$000)	FTA Funds Carryover (x\$000)	Total Available FTA Funds (X\$000)	Total Project Costs (x\$000)	Local Match (x\$000)	Total Actual Federal Uses (x\$000)	FTA Carryover (x\$000)
FHWA Flexed to FTA	4,000	-	4,000	5,000	1,000	4,000	-
§5307 Urbanized Area Formula*	29,922	-	29,922	46,202	21,389	24,813	5,109
§5307 Urbanized Area Formula* (2013)	-	63	63				63
§5307 Urbanized Area Formula* (2014)	-	-	-				-
§5307 Urbanized Area Formula* (2015)		11,377	11,377	13,479	2,821	10,658	719
§5309	250,000	250,024	500,024	1,666,667	1,166,667	500,000	24
§5310	397		397	497	100	397	-
§5310 - Urban	695	-	695				695
§5310 (2013)			-				-
§5310 (2014)		682	682	1,129	497	632	50
§5337 SOGR	1,156	-	1,156				1,156
§5337 SOGR (2013)			-				-
§5337 SOGR (2016)		-	-				-
§5337 SOGR (2014)		1,133	1,133	1,410	277	1,133	-
§5339 Bus and Bus Facilities	3,633	-	3,633				3,633
§5339 Bus and Bus Facilities (2013)		657	657	-	-	-	657
§5339 Bus and Bus Facilities (2014)		-	-				-
§5339 Bus and Bus Facilities (2015)		3,562	3,562	4,453	891	3,562	-
FTA Local Funds Only	-	-	-	1,490	1,490	-	-
§5310 (2015)		681	681				681
Totals	289,803	268,179	557,982	1,740,327	1,195,132	545,195	12,787

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

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

FFY 2017	FTA Apportionments and Allocations (x\$000)	FTA Funds Carryover (x\$000)	Total Available FTA Funds (X\$000)	Total Project Costs (x\$000)	Local Match (x\$000)	Total Actual Federal Uses (x\$000)	FTA Carryover (x\$000)
FHWA Flexed to FTA	15,000	-	15,000	18,750	3,750	15,000	-
§5307 Urbanized Area Formula*	29,500	-	29,500	71,937	68,803	3,134	26,366
§5307 Urbanized Area Formula* (2014)	-	-	-				-
§5307 Urbanized Area Formula* (2015)		719	719				719
§5309	244,010		244,010	813,367	569,357	244,010	-
§5310	409	-	409	512	103	409	-
§5310 - Urban	709		709	612	281	331	378
§5310 (2014)		50	50				50
§5337 SOGR	1,178	-	1,178	1,388	210	1,178	-
§5337 SOGR (2016)	-	1,156	1,156				1,156
§5337 SOGR (2014)			-				-
§5339 Bus and Bus Facilities	3,700	-	3,700	2,979	627	2,352	1,348
§5339 Bus and Bus Facilities (2014)		-	-				-
§5339 Bus and Bus Facilities (2015)		-	-				-
§5339 Bus and Bus Facilities (2016)		3,633	3,633	1,846	498	1,348	2,285
FTA Local Funds Only	-	-	-	1,400	1,400	-	-
§5307 Urbanized Area Formula* (2016)		5,109	5,109				5,109
§5310 (2015)		681	681				681
§5310 (2016)		695	695				695
Totals	294,506	12,043	306,549	912,791	645,029	267,762	38,787

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

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

FFY 2018	FTA Apportionments and Allocations (x\$000)	FTA Funds Carryover (x\$000)	Total Available FTA Funds (X\$000)	Total Project Costs (x\$000)	Local Match (x\$000)	Total Actual Federal Uses (x\$000)	FTA Carryover (x\$000)
FHWA Flexed to FTA	15,000	-	15,000	18,750	3,750	15,000	-
§5307 Urbanized Area Formula*	29,090	-	29,090	72,955	69,804	3,151	25,939
§5307 Urbanized Area Formula* (2015)		719	719				719
§5309	-		-	-	-	-	-
§5310	422		422	529	107	422	-
§5310 - Urban	723	-	723	630	289	341	382
§5337 SOGR	1,202	-	1,202	1,503	301	1,202	-
§5337 SOGR (2016)		1,156	1,156				1,156
§5339 Bus and Bus Facilities	3,774	-	3,774	3,346	947	2,399	1,375
§5339 Bus and Bus Facilities (2015)			-				-
§5339 Bus and Bus Facilities (2016)		2,285	2,285				2,285
FTA Local Funds Only	-	-	-	1,634	1,634	-	-
§5307 Urbanized Area Formula* (2016)		5,109	5,109			-	5,109
§5307 Urbanized Area Formula* (2017)		26,366	26,366			-	26,366
§5310 (2015)		681	681			-	681
§5310 (2016)		695	695			-	695
§5310 (2017)		378	378			-	378
§5339 Bus and Bus Facilities (2017)		1,348	1,348			-	1,348
Totals	50,211	38,737	88,948	99,347	76,832	22,515	66,433

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

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

The City and County of Honolulu is using the OahuMPO TIP public involvement process, as outlined in the Federal Highway Administration/Federal Transit Administration metropolitan transportation planning regulations (23 CFR 450/49 CFR 613), to satisfy the public hearing requirements for the Federal Transit Administration's Urbanized Area Formula Program (49 USC Section 5307) program-of-projects.