

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

**REVISION #11
Expedited Administrative Modification**

July 2016



Oahu Metropolitan Planning Organization
707 Richards Street, Suite 200
Honolulu, Hawaii 96813-4623
(808) 587-2015
www.OahuMPO.org

6/3/16
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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
		HDOT	Hawaii Department of Transportation
§5317	New Freedom Program (funding category)	HRTTP	Honolulu Rail Transportation Project (funding category)
§5340	Growing States and High Density States Formula Program (funding category)	HP	High Priority Projects Program (funding category)
3-C	Continuing, Cooperative, Comprehensive	HR	House Report
ADA	Americans with Disabilities Act	HSIP	Highway Safety Improvement Program (funding category)
ADVCON	Advance Construction Reimbursement	IM	Interstate Maintenance (funding category)
Bridge Off	Bridge Off-System (funding category)	INSP	Inspection (phase)
Bridge On/Off	Bridge On/Off-System (funding category)	JARC	Job Access and Reverse Commute Program (funding category)
CAC	OahuMPO Citizen Advisory Committee	Local Only	Funded with State or City funds (funding category)
CCTV	Closed-circuit television	MAP-21	Moving Ahead for Progress in the 21 st Century
CMAQ	Congestion Mitigation and Air Quality Improvement Program (funding category)	NF	New Freedom Program (funding category)
CON	Construction (phase)	NHPP	National Highway Performance Program (funding category)
DES	Design (phase)	NHS	National Highway System (funding category)
Discret	Discretionary Funds (funding category)	NTD	National Transit Database
DTS	City and County of Honolulu Department of Transportation Services	OahuMPO	Oahu Metropolitan Planning Organization
Enhance	Transportation Enhancement Program (funding category)	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
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

REVISION #11
Expedited Administrative Modification

PROJECT NUMBER	PROJECT NAME <i>(Sorted by Project Name)</i>	REVISION DETAILS
FHWA - Funded Projects		
<u>State of Hawaii - Sponsored Projects</u>		
OS1	Bridge and Pavement Improvement Program, Oahu	Request to add Federal funds to Farrington Highway (Rte 93) Resurfacing and reduce local share. B.5
OS5	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78)	Request defer to an illustrative year (for financial constraint), inflate, and split \$2.08M of DES into PE1 and PE2. B.6
OS10	Guardrail and Shoulder Improvements, Various Locations	Request split \$250K of DES into PE1 and PE2 in an illustrative year. B.6.
OS16	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Middle Street, Phase 1	Request to use AdvCON funding in an illustrative year. B.6
OS54	Kamehameha Highway (Route 83), Bridge Rehabilitation Kipapa (Roosevelt) Stream Bridge	Request decrease funding due to updated cost estimate. B.6
OS53	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	Request to decrease funding due to updated cost estimate and change funding to use Re-Purposed Earmarks. B.6
OS36	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	Request to use AdvCON funding in an illustrative year. B.6
OS37	Kamehameha Highway (Route 83), Rockfall Protection, Waimea Bay	Request to use AdvCON funding in an illustrative year. B.6
OS42	Kualakai Parkway (Route 8930) Extension	Request to redistribute ADVCON reimbursements to an illustrative year. B.6
OS46	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass (MP 0 to MP 0.73)	Request to use AdvCON funding in an illustrative year. B.6
OS52	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	Request to use AdvCON funding in an illustrative year. B.6
<u>City and County of Honolulu - Sponsored Projects</u>		
OC2	Bikeway Improvements Program	Request to rename PLN and DES as PE1 and PE2, defer to an illustrative year, and delete phases. B.6
OC4	Computerized Traffic Control System	Request to rename PLN and DES as PE1 and PE2 and defer to an illustrative year. B.6

FHWA - Funded Projects

City and County of Honolulu - Sponsored Projects

OC10 Traffic Signals at Various Locations

Request to add funds, rename PLN and DES as PE1 and PE2, defer to an illustrative year, and delete phases. B.6

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TIP Revision #11 Details:

Request to add Federal funds to Farrington Highway (Rte 93) Resurfacing and reduce local share. B.5

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.

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY			Funding Category			
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)				
<i>Bridge and Pavement Improvement Program, Oahu</i>																			
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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FFY 2020			Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local										
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(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	C	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	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	C	10,000	-10,000	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
<i>Likelike Highway (Route 93) Resurfacing School St. to Emmeline Place</i>																			
CON	17,700	14,600	3,100	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHPP

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



TIP Revision #11 Details:

Request defer to an illustrative year (for financial constraint), inflate, and split \$2.08M of DES into PE1 and PE2. B.6

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.

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	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	NHPP

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FFY 2020			Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local										
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)													
<i>Phase 2A</i>																			
CON	0	0	0	C	0	0	0	0	0	10,200	4,000	6,200	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	C	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	C	0	0	1,350	1,080	270	0	0	0	0	0	0	0	0	0	NHPP
PE2	0	0	0	C	0	0	0	0	0	0	0	0	730	584	146	0	0	0	NHPP
CON	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	10,200	4,000	6,200	NHPP
ADVCON	0	0	0	C	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

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OS10 Guardrail and Shoulder Improvements, Various Locations



TIP Revision #11 Details:

Request split \$250K of DES into PE1 and PE2 in an illustrative year. B.6.

Project Description:

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

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY			Funding Category			
	Total	Federal	Local	Total	Federal	Local													
	(x\$1000)	(x\$1000)	(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	HSIP
<i>Phase 2</i>																			
PE1	0	0	0	C	0	0	170	136	34	0	0	0	0	0	0	0	0	0	HSIP
PE2	0	0	0	C	0	0	0	0	0	90	72	18	0	0	0	0	0	0	HSIP
CON	0	0	0	C	0	0	0	0	0	3,121	2,497	624	0	0	0	0	0	0	HSIP
<i>Phase 3</i>																			
PE1	0	0	0	C	0	0	0	0	0	160	128	32	0	0	0	0	0	0	HSIP
PE2	0	0	0	C	0	0	0	0	0	0	0	0	90	72	18	0	0	0	HSIP
CON	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	3,000	2,400	600	HSIP

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



TIP Revision #11 Details:

Request to use AdvCON funding in an illustrative year. B.6

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.

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	C	0	0	0	0	0	7,446	957	6,489	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	C	0	0	0	0	0	0	0	0	0	5,000	-5,000	0	0	0	NHPP

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



TIP Revision #11 Details:

Request decrease funding due to updated cost estimate. B.6

Project Description:

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

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY			Funding Category
	Total	Federal	Local	Total	Federal	Local										
	(x\$1000)	(x\$1000)	(x\$1000)													
DES	1,800	1,440	360	C	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	25	0	25	C	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	NHPP

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



TIP Revision #11 Details:

Request to decrease funding due to updated cost estimate and change funding to use Re-Purposed Earmarks. B.6

Project Description:

Replace the existing bridge on Route 83.

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY			Funding Category	
	Total	Federal	Local	Total	Federal	Local											
	(x\$1000)	(x\$1000)	(x\$1000)														
DES	1,300	1,040	260	C	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
ROW	165	132	33	C	0	0	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	C	0	0	4,500	3,600	900	0	0	0	0	0	0	0	Re-Purposed Earmark

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



TIP Revision #11 Details:

Request to use AdvCON funding in an illustrative year. B.6

Project Description:

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

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

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



TIP Revision #11 Details:

Request to use AdvCON funding in an illustrative year. B.6

Project Description:

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

Phase 1: Haleiwa

Phase 2: Sunset Beach

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 FFY 2019			FOR INFORMATION ONLY FFY 2020			Funding Category	
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local											
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
<i>Phase 1: Haleiwa</i>																				
ROW	0	0	0	C	0	0	490	392	98	0	0	0	0	0	0	0	0	0	0	NHPP
CON	0	0	0	C	0	0	0	0	0	10,080	364	9,716	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	C	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	C	0	0	0	0	0	0	0	0	0	0	0	8,000	6,400	1,600	0	NHPP

OS42 Kualakai Parkway (Route 8930) Extension



TIP Revision #11 Details:

Request to redistribute ADVCON reimbursements to an illustrative year. B.6

Project Description:

Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.

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

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

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



TIP Revision #11 Details:

Request to use AdvCON funding in an illustrative year. B.6

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).

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
	Total	Federal	Local	FFY 2019			FFY 2020												
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)													
CON	0	0	0	C	0	0	0	0	0	2,533	26	2,507	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	C	0	0	0	0	0	0	0	0	0	2,000	-2,000	0	0	0	NHPP

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



TIP Revision #11 Details:

Request to use AdvCON funding in an illustrative year. B.6

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.

Project Website: None

Neighborhood(s): Airport

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

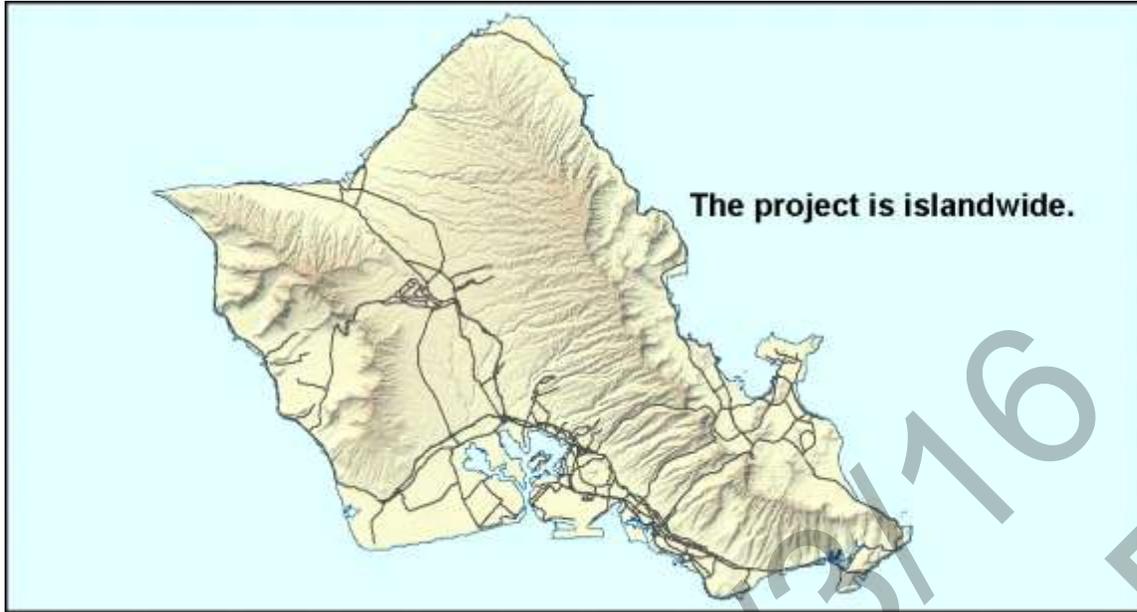
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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

OC2 Bikeway Improvements Program



TIP Revision #11 Details:

Request to rename PLN and DES as PE1 and PE2, defer to an illustrative year, and delete phases. B.6

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.

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

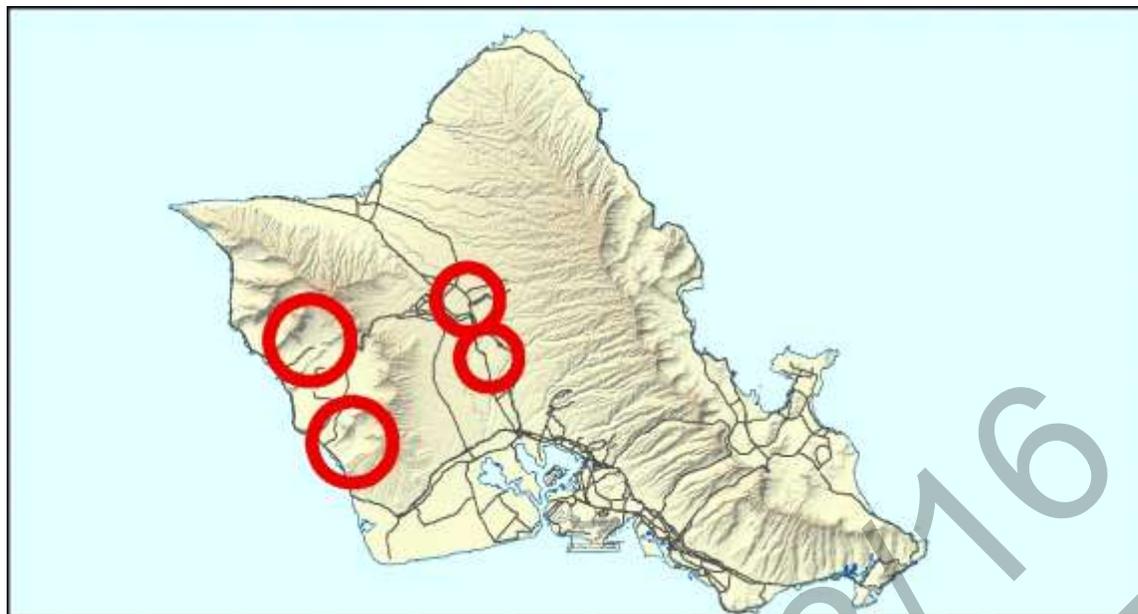
FOR INFORMATION ONLY

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)		
<i>Hamakua Drive (Route 6010)</i>																				
PE2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	663	530	133	0	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	0	STP Flex
<i>Lehua Avenue - Bike Lane & Pedestrian Improvements</i>																				
PE1	0	0	0	C	0	0	0	0	0	425	300	125	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	C	0	0	0	0	0	0	0	0	125	100	25	0	0	0	0	STP Flex
ROW	0	0	0	C	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	Local Only
CON	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	2,445	1,956	489	0	STP Flex
EQP	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	156	125	31	0	STP Flex

OC2 Bikeway Improvements Program

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY FFY 2019			FFY 2020			Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local										
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)													
<i>TBD - DES 2019</i>																			
PE1	0	0	0	C	0	0	0	0	0	0	0	0	425	300	125	0	0	0	STP Flex
PE2	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	125	100	25	STP Flex
ROW	0	0	0	C	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	C	0	0	0	0	0	0	0	0	0	0	0	425	300	125	STP Flex
ROW	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only

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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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	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

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OC10 Traffic Signals at Various Locations



TIP Revision #11 Details:

Request to add funds, rename PLN and DES as PE1 and PE2, defer to an illustrative year, and delete phases. B.6

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.

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	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	4	0	4	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC10 Traffic Signals 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 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'i 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	STP Flex
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	C	0	0	3,758	2,993	765	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	C	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	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	C	0	0	0	0	0	2,825	2,060	765	0	0	0	0	0	0	STP Flex
EQP	0	0	0	C	0	0	0	0	0	4	0	4	0	0	0	0	0	0	Local Only
<i>Phase 19 - Wai'alae 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	C	0	0	183	146	37	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	C	0	0	0	0	0	0	0	0	4,121	3,300	821	0	0	0	STP Flex
EQP	0	0	0	C	0	0	0	0	0	0	0	0	4	0	4	0	0	0	Local Only
<i>Phase 20 - Kalaniana'ole Hwy in Wai'alae- 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</i>																			
PE1	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	C	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	4	0	4	Local Only
<i>Phase 21 - TBD</i>																			
PE1	0	0	0	C	0	0	313	250	63	0	0	0	0	0	0	0	0	0	STP Flex
PE2	0	0	0	C	0	0	0	0	0	134	107	27	0	0	0	0	0	0	STP Flex
CON	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	4,121	3,300	821	STP Flex
EQP	0	0	0	C	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	C	0	0	0	0	0	313	250	63	0	0	0	0	0	0	STP Flex
PE2	0	0	0	C	0	0	0	0	0	0	0	0	134	107	27	0	0	0	STP Flex

FFYs 2015-2018 TIP REVISION #11 FUNDING SUMMARY

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 #10	158,769	89,719	69,050	98,526	71,229	27,297	202,318	82,721	119,597	168,795	117,107	51,688	164,939	98,163	66,776	130,614	110,908	19,706
Revision #11 Changes	0	0	0	9,575	5,220	4,355	(11,130)	96	(11,226)	10,110	(27,772)	37,882	820	30,516	(29,696)	0	2,000	(2,000)
Total 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
C&C of Honolulu - Sponsored Projects																		
As of Revision #10	29,508	17,000	12,508	31,638	17,500	14,138	13,034	14,245	(1,211)	50,067	18,142	31,925	59,987	26,500	33,487	35,614	15,883	19,731
Revision #11 Changes	0	0	0	(158)	(138)	(20)	4,444	3,555	889	(3,189)	(2,086)	(1,103)	(2,349)	(1,777)	(572)	775	822	(47)
Total 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	57,638	24,723	32,915	36,389	16,705	19,684
TOTAL FHWA	188,277	106,719	81,558	139,581	93,811	45,770	208,666	100,617	108,049	225,783	105,391	120,392	223,397	153,402	69,995	167,003	129,613	37,390
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #10	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Revision #11 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #11	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 #10	77,125	48,155	28,970	1,738,580	543,798	1,194,782	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 #11 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #11	77,125	48,155	28,970	1,738,580	543,798	1,194,782	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	1,739,077	544,195	1,194,882	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	66,702	55,592	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	76,449	82,817	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	14,805
Transportation Alternatives Program - Urban	0	800	800	800	3,111	800
City and County of Honolulu - FHWA Total	17,000	17,362	17,800	16,056	24,723	16,405
FHWA TOTAL	106,719	93,811	100,617	105,391	153,402	129,313
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	91,511	97,017	104,473	153,402	129,113

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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.