

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

**REVISION #9
AMENDMENT**

February 2016



Oahu Metropolitan Planning Organization
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DRAFT

ABBREVIATIONS

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

OahuMPO	Oahu Metropolitan Planning Organization	TIP	Transportation Improvement Program
OPR	Operations (phase)	USC	United States Code
ORTP	Oahu Regional Transportation Plan	UZA	Urbanized Areas
PE-1	Preliminary Design, including NEPA	3-C	Continuing, Cooperative, Comprehensive
PE-2	Final Design		
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		

**REVISION #9
Amendment**

This revision is an amendment. Amendments require OahuMPO Policy Committee approval, a review by the Technical Advisory Committee, and the solicitation of public comments. Refer to Chapter 5 of the TIP for additional details.

PROJECT

NUMBER PROJECT NAME *(Sorted by Project Name)*

REVISION DETAILS

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

OS57	Freeway Management System, Joint Traffic Management Center Operations (State)	New Project
OS64	Honolulu Rail Transit Project - Highway Improvements	New project to transfer FHWA funds to OC16.
OS58	Interstate Route H-1, Corridor Study, Short Term Improvements	New Projects
OS59	Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	New Project
OS19	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	Request to delete project (\$19M of CON in FFY 2020) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.
OS21	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	Request to delete project (\$3.642M of DES in FFY 2019) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.
OS60	Kahekili Highway (Route 83) Improvements, Likelike Hwy (Route 63) to Kamehameha Hwy (Route 6510)	New Project
OS24	Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	Request to defer and inflate (by 2%) CON from \$9.55M in FFY 2016 to \$10.2M in FFY 2019 due to lengthy ROW acquisition. Request to adjust ADVCON reimbursement from \$6.5M in FFY 2017 to \$6M in FFY 2020 for financial constraint. Construction schedule to be combined with other Kalaniana'ole Highway projects.
OS26	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to vicinity of Makai Pier	Request to extend ultimate project limits from Waimanalo Beach Park to Vicinity of Makai Pier. Project to absorb OS23.
OS25	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Vicinity of Makai Pier, Phase I, Olomana Golf Course to Poalima Street	Request to extend ultimate project limits from Waimanalo Beach Park to Vicinity of Makai Pier.
OS61	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawailoa Beach	New Project
OS27	Kamehameha Highway (Route 83), Bridge Rehabilitation, Makaua Stream Bridge	Request to defer and inflate (by 2%) ROW from \$280K in FFY 2016 to \$297K in FFY 2019; CON from \$6M in FFY 2017 to \$6.367M in FFY 2020; and ADVCON reimbursement from \$4M in FFY 2018 to STIP out years. Design will begin in FFY 2016.

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

OS53	Kamehameha Highway (Route 83), Bridge Replacement Hoolapa (Nanahu) Stream Bridge	Request to add \$4.9M for CON in FFY 2017.
OS28	Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge	Request to defer and inflate (by 2%) CON from \$16.58M in FFY 2016 to \$17.6M in FFY 2019 since ROW acquisition is projected to be complete in early FFY 2019. \$10M of ADVCON reimbursement is deferred from FFY 2017 to FFY 2020.
OS35	Kamehameha Highway (Route 83), Bridge Replacement, Waikane Stream Bridge	Request to defer and inflate (by 2%) ROW from \$265K in FFY 2016 to \$281K in FFY 2019 and CON from \$8.925M in FFY 2019 to \$9.103M in FFY 2020 since a Right of Entry, needed to complete an Archaeological Inventory Study, is projected to take 1 year to obtain.
OS38	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula (#14)	OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer \$5.7M of CON in FFY 2020 to the out years. This project will be deleted from the STIP.
OS39	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)	OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer and inflate (by 2%) CON from \$10.4M in FFY 2017 to \$10.82M in FFY 2019. The Environmental Assessment will not be completed until FFY 2018 and ROW will not be acquired until FFY 2019.
OS40	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Punaluu (#9)	OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Request to defer and inflate (by 2%) CON from \$7.35M in FFY 2018 to \$7.65M in FFY 2020. Request to delete \$5M in ADVCON reimbursement in FFY 2019.
OS62	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)	New Project
OS52	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	DES and PREROW will be State-only funded. Request to delete federal portions of \$106K and \$103K in FFY 2016 for DES and PREROW respectively. Request to add \$3M for ROW acquisition in FFY 2017. Defer and inflate (by 2%) CON from \$5M in FFY 2017 to \$5.1M in FFY 2018. Categorical Exclusion is expected to be done in early FFY 2017.
OS63	Traffic Counting Stations at Various Locations, Oahu.	New Project

City and County of Honolulu - Sponsored Projects

OC25	Transportation Alternatives Projects at Various Locations	In FFY 2016; request \$500,000 for CON for HART Middle Loch Connector and \$500,000 for CON for DTS Secure Bike Storage Units.
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FTA - Funded Projects

City and County of Honolulu - Sponsored Projects

OC13 Bus and Handi-Van Acquisition Program

In FFY 2016: revised costs to reflect actual costs. Using carryover funds from FFY 2015.

OC24 Capital Training

Added project to fund attendance at workshops offered by the National Transit Institute.

OC16 Honolulu Rail Transit Project

In FFY 2016, request to add \$24M in FTA §5307 federal funds transferred from NHPP/STP FLEXIBLE (OS64).

DRAFT

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



TIP Revision #9 Details:

New Project

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.

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

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)													
OPR	0	0	0	0	0	0	350	280	70	350	280	70	350	280	70	350	280	70	NHPP

OS64 Honolulu Rail Transit Project - Highway Improvements



TIP Revision #9 Details:

New project to transfer FHWA funds to OC16.

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.

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

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

Estimated Total Project Cost: \$30,000,000
(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:
Honolulu Authority for Rapid Transportation

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2019			FFY 2020												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	30,000	24,000	6,000	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

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



TIP Revision #9 Details:

New Projects

Project Description:

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

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.)

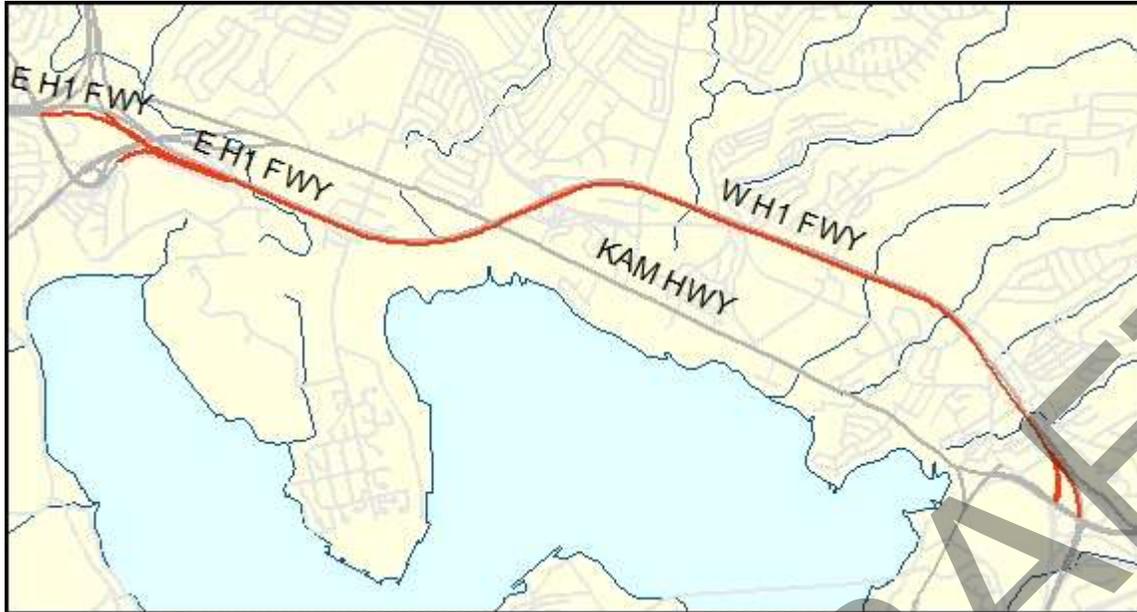
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

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)													
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



TIP Revision #9 Details:

New Project

Project Description:

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

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)

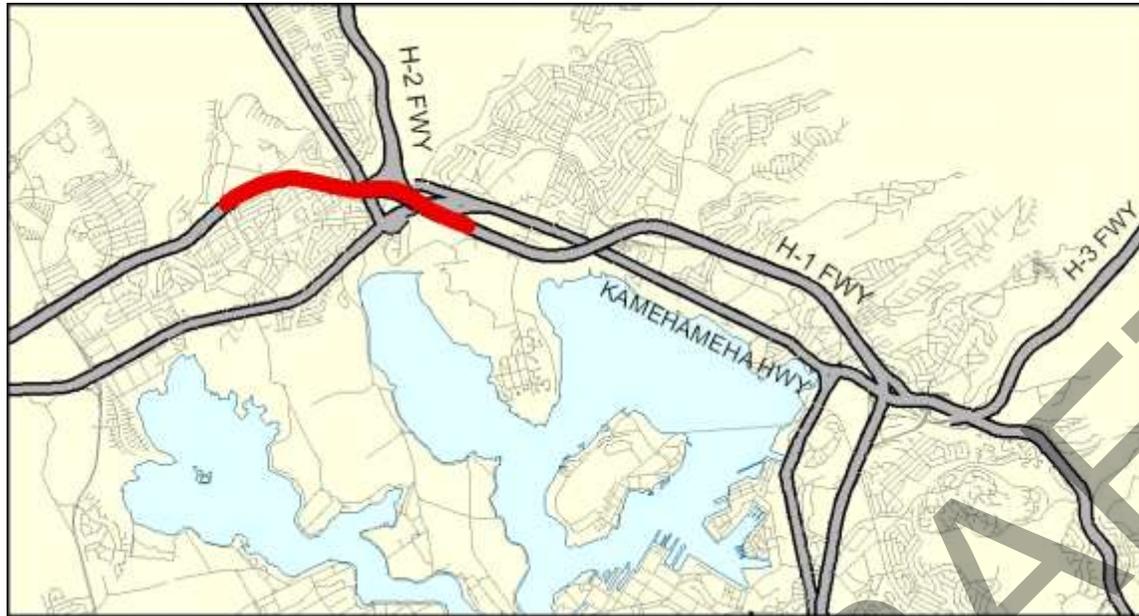
Agency Responsible for Carrying Out Project/Phase:

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

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



TIP Revision #9 Details:

Request to delete project (\$19M of CON in FFY 2020) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.

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.

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

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	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



TIP Revision #9 Details:

Request to delete project (\$3.642M of DES in FFY 2019) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.

Project Description:

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

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

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



TIP Revision #9 Details:

New Project

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

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.)

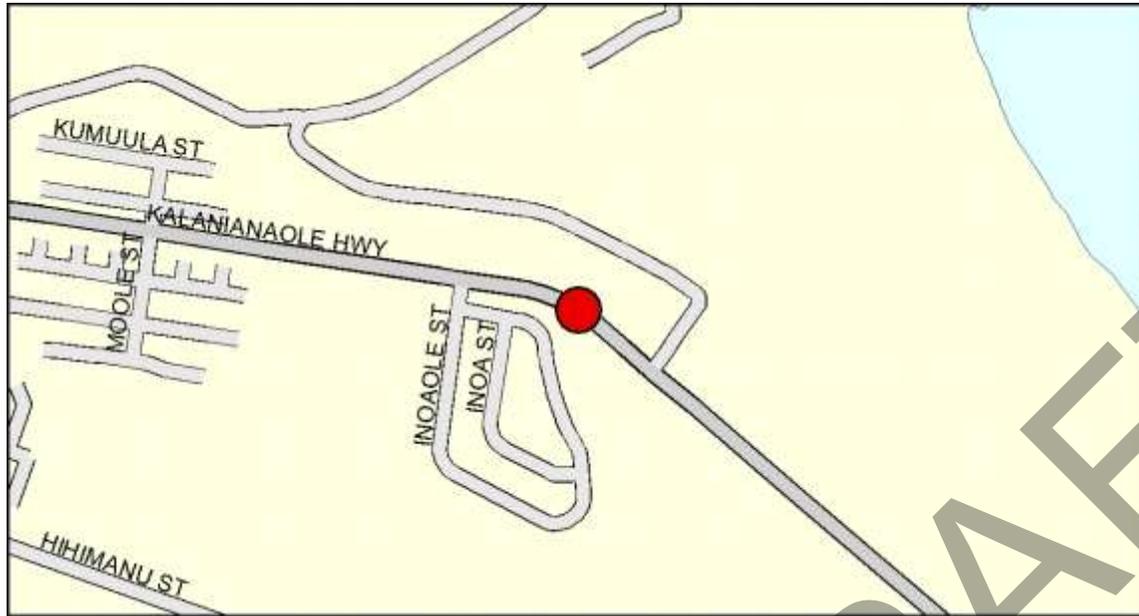
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

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)													
DES	0	0	0	0	0	0	0	0	0	6,000	4,800	1,200	0	0	0	0	0	0	NHPP

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



TIP Revision #9 Details:

Request to defer and inflate (by 2%) CON from \$9.55M in FFY 2016 to \$10.2M in FFY 2019 due to lengthy ROW acquisition. Request to adjust ADVCON reimbursement from \$6.5M in FFY 2017 to \$6M in FFY 2020 for financial constraint. Construction schedule to be combined with other Kalaniana'ole Highway projects.

Project Description:

Replace the existing bridge.

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

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)													
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 Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to vicinity of Makai Pier



TIP Revision #9 Details:

Request to extend ultimate project limits from Waimanalo Beach Park to Vicinity of Makai Pier. Project to absorb OS23.

Project Description:

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

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



TIP Revision #9 Details:

Request to extend ultimate project limits from Waimanalo Beach Park to Vicinity of Makai Pier.

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.

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.)

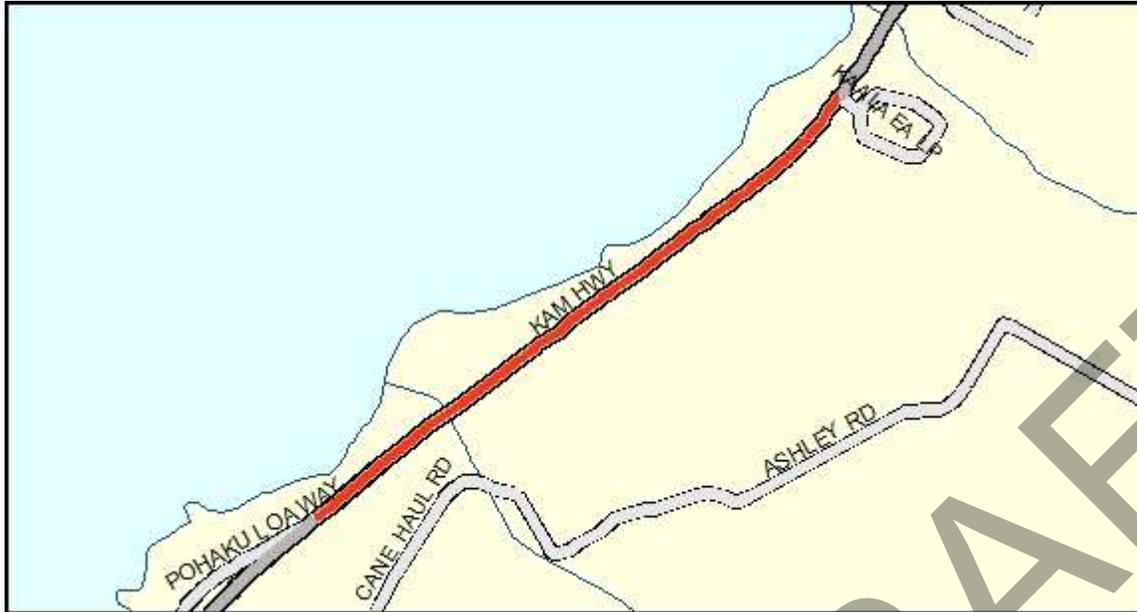
Project Sponsor: State of Hawaii (FHWA Funded)

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

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



TIP Revision #9 Details:

New Project

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.

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2019			FFY 2020													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	0	0	0	0	0	0	2,840	2,272	568	0	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	0	NHPP

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



TIP Revision #9 Details:

Request to defer and inflate (by 2%) ROW from \$280K in FFY 2016 to \$297K in FFY 2019; CON from \$6M in FFY 2017 to \$6.367M in FFY 2020; and ADVCON reimbursement from \$4M in FFY 2018 to STIP out years. Design will begin in FFY 2016.

Project Description:

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

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

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	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



TIP Revision #9 Details:

Request to add \$4.9M for CON in FFY 2017.

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	FFY 2019			FFY 2020												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
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	4,900	3,920	980	0	0	0	0	0	0	0	0	0	NHPP

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



TIP Revision #9 Details:

Request to defer and inflate (by 2%) CON from \$16.58M in FFY 2016 to \$17.6M in FFY 2019 since ROW acquisition is projected to be complete in early FFY 2019. \$10M of ADVCON reimbursement is deferred from FFY 2017 to FFY 2020.

Project Description:

Replace the existing bridge on Kamehameha Highway.

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

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)													
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

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



TIP Revision #9 Details:

Request to defer and inflate (by 2%) ROW from \$265K in FFY 2016 to \$281K in FFY 2019 and CON from \$8.925M in FFY 2019 to \$9.103M in FFY 2020 since a Right of Entry, needed to complete an Archaeological Inventory Study, is projected to take 1 year to obtain.

Project Description:

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

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

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)	
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

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



TIP Revision #9 Details:

OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer \$5.7M of CON in FFY 2020 to the out years. This project will be deleted from the STIP.

Project Description:

Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action

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

Phase	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FFY 2019			FFY 2020			Funding Category
	Total	Federal	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)



TIP Revision #9 Details:

OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer and inflate (by 2%) CON from \$10.4M in FFY 2017 to \$10.82M in FFY 2019. The Environmental Assessment will not be completed until FFY 2018 and ROW will not be acquired until FFY 2019.

Project Description:

Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.

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

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



TIP Revision #9 Details:

OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Request to defer and inflate (by 2%) CON from \$7.35M in FFY 2018 to \$7.65M in FFY 2020. Request to delete \$5M in ADVCON reimbursement in FFY 2019.

Project Description:

Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.

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.)

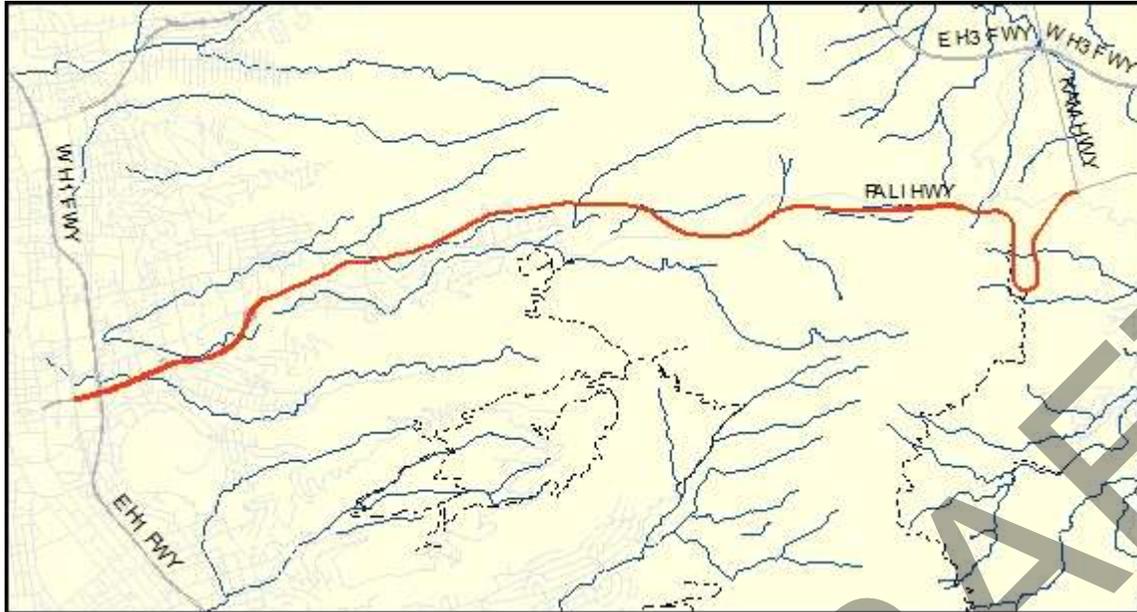
Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

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	0	0	0	0	0	0	0	0	0	0	7,650	6,120	1,530	NHPP

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



TIP Revision #9 Details:

New Project

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.

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

Estimated Total Project Cost: \$65,000,000

(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	44,000	32,700	11,300	0	0	0	0	0	0	0	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	2,500	-2,500	0	0	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	0	18,000	4,400	13,600	0	0	0	NHPP
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	NHPP

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



TIP Revision #9 Details:

DES and PREROW will be State-only funded. Request to delete federal portions of \$106K and \$103K in FFY 2016 for DES and PREROW respectively. Request to add \$3M for ROW acquisition in FFY 2017. Defer and inflate (by 2%) CON from \$5M in FFY 2017 to \$5.1M in FFY 2018. Categorical Exclusion is expected to be done in early FFY 2017.

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	4,080	1,020	0	0	0	0	0	0	NHPP

OS63 Traffic Counting Stations at Various Locations, Oahu.



TIP Revision #9 Details:

New Project

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.

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 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)														
CON	0	0	0	0	0	0	2,500	2,000	500	0	0	0	0	0	0	0	0	0	0	STP Flex

OC25 Transportation Alternatives Projects at Various Locations



TIP Revision #9 Details:

In FFY 2016; request \$500,000 for CON for HART Middle Loch Connector and \$500,000 for CON for DTS Secure Bike Storage Units.

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.

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

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

OC13 Bus and Handi-Van Acquisition Program



TIP Revision #9 Details:

In FFY 2016: revised costs to reflect actual costs. Using carryover funds from FFY 2015.

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.

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)

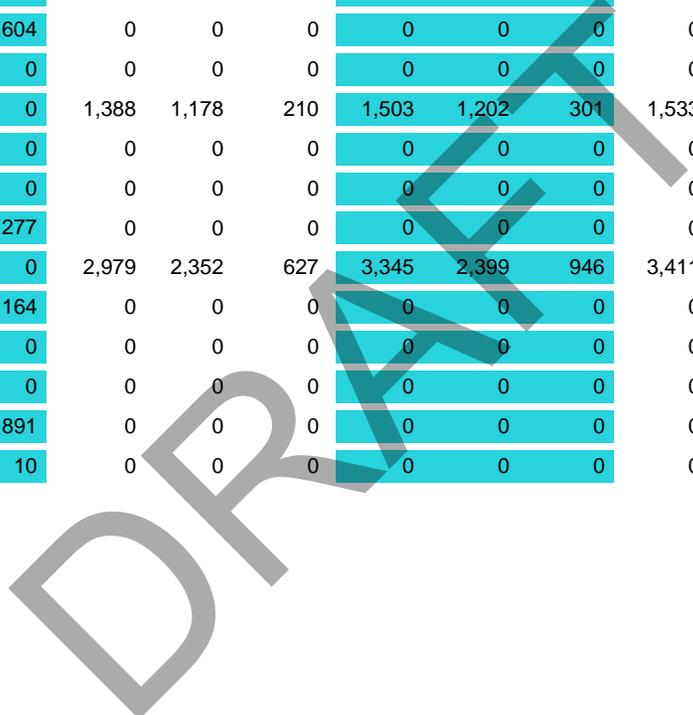
Agency Responsible for Carrying Out Project/Phase:
 City Department of Transportation Services

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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)												

OC13 Bus and Handi-Van Acquisition 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)	
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)
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	0	0	0	821	657	164	0	0	0	0	0	0	0	0	0	0	0	0	\$5339(2013)
EQP	4,365	3,492	873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5339(2013)
EQP	4,271	3,417	854	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5339(2014)
EQP	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)





TIP Revision #9 Details:

Added project to fund attendance at workshops offered by the National Transit Institute.

Project Description:

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

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

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)				
OPR	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	25	20	5	\$5307/\$5340



TIP Revision #9 Details:

In FFY 2016, request to add \$24M in FTA §5307 federal funds transferred from NHPP/STP FLEXIBLE (OS64).

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.

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

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

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

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)	
H RTP	0	0	0	30,000	24,000	6,000	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	\$5307/\$5340
H RTP	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131	0	0	0	0	0	0	\$5309 NS

FOR INFORMATION ONLY

FFY's 2015-2018 TIP REVISION #9 FUNDING SUMMARY

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)	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL
FHWA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #8	158,769	98,019	60,750	128,616	84,187	44,429	115,473	65,409	50,064	145,258	54,613	90,645	129,958	81,193	48,765	118,644	99,392	19,252
Revision #9 Changes	0	0	0	4,225	18,951	(14,726)	39,190	16,352	22,838	4,100	6,780	(2,680)	44,981	9,970	35,011	1,770	11,516	(9,746)
Total 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
C&C of Honolulu - Sponsored Projects																		
As of Revision #8	29,508	17,000	12,508	30,637	16,700	13,937	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 #9 Changes	0	0	0	1,001	800	201	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
TOTAL FHWA	188,277	115,019	73,258	164,479	120,638	43,841	167,093	89,063	78,030	197,950	78,393	119,557	230,760	114,330	116,430	155,090	125,999	29,091
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #8	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Revision #9 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #9	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 #8	1,156,202	398,333	757,869	1,133,847	366,879	766,968	881,744	286,447	595,297	514,834	168,460	346,374	128,266	40,271	87,995	130,871	41,488	89,383
Revision #9 Changes	(8,877)	(7,714)	(1,163)	28,594	38,882	(10,288)	(360)	20	(380)	25	20	5	25	20	5	25	20	5
Total 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
TOTAL FTA	1,147,807	391,004	756,803	1,162,938	406,158	756,780	881,896	286,876	595,020	515,388	168,902	346,486	128,837	40,726	88,111	131,460	41,957	89,503

FUNDING CHANGES Rev #6 To Rev #9

	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)	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL
FHWA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #6	168,139	101,328	66,811	139,273	77,247	62,026	184,232	73,178	111,054	79,670	71,456	8,214	111,316	71,909	39,407	118,644	78,912	39,732
Changes from Revision #6	(9,370)	(3,309)	(6,061)	(6,432)	25,891	(32,323)	(29,569)	8,583	(38,152)	69,688	(10,063)	79,751	63,623	19,254	44,369	1,770	31,996	(30,226)
Total 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
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #6	29,508	17,000	12,508	36,157	17,000	19,157	41,336	17,000	24,336	42,373	17,000	25,373	34,886	15,379	19,507	34,785	15,379	19,406
Changes from Revision #6	0	0	0	(4,519)	500	(5,019)	(28,906)	(9,698)	(19,208)	6,219	0	6,219	20,935	7,788	13,147	(109)	(288)	179
Total 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
TOTAL FHWA	188,277	115,019	73,258	164,479	120,638	43,841	167,093	89,063	78,030	197,950	78,393	119,557	230,760	114,330	116,430	155,090	125,999	29,091
FTA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #6	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Changes from Revision #6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #9	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #6	1,156,247	398,375	757,872	1,189,835	381,800	808,035	886,751	285,099	601,652	521,489	168,460	353,029	123,188	40,271	82,917	125,790	41,488	84,302
Changes from Revision #6	(8,922)	(7,756)	(1,166)	(27,394)	23,961	(51,355)	(5,367)	1,368	(6,735)	(6,630)	20	(6,650)	5,103	20	5,083	5,106	20	5,086
Total 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
TOTAL FTA	1,147,807	391,004	756,803	1,162,938	406,158	756,780	881,896	286,876	595,020	515,388	168,902	346,486	128,837	40,726	88,111	131,460	41,957	89,503

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	93,432	66,263	74,584	55,491	80,428	98,221
Earmark High Priority	0	0	0	918	0	200
Highway Safety Improvement Program	0	3,088	4,804	2,697	0	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	24,000	2,000	2,000	8,000	4,480
Transportation Enhancement	0	7,200	86	0	2,448	5,320
State of Hawaii - FHWA Total	98,019	103,138	81,761	61,393	91,163	110,908
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	720	720	720	800	800
STP Flexible	16,280	15,980	6,582	16,280	22,367	14,291
Transportation Alternatives Program - Urban	0	800	0	0	0	0
City and County of Honolulu - FHWA Total	17,000	17,500	7,302	17,000	23,167	15,091
FHWA TOTAL	115,019	120,638	89,063	78,393	114,330	125,999
Less Discretionary Funds, etc.	(4,300)	(2,300)	0	(918)	0	(200)
Less FTA Transfer Funds	0	0	0	0	0	0
FHWA REGULAR FORMULA FUNDS TOTAL	110,719	118,338	89,063	77,475	114,330	125,799

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	93,432	39,594	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	138,101	73,258	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
Highway Safety Improvement Program	3,088	772	3,860	3,860	-
Interstate Maintenance Discretionary	2,300	1,780	4,080	4,080	-
Locally Funded	-	39,000	39,000	39,000	-
National Highway Performance Program	66,263	(18,021)	48,242	48,242	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042	-	13,042	-	13,042
STP Flexible, CMAO, TE	5,020	19,858	24,878	67,038	(42,160)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	14,000	-	14,000	-	14,000
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2015 Balance	23,082	-	23,082	-	23,082
Total	128,612	43,841	172,453	164,479	7,974

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	-		-		-
Transportation Alternatives Program-U	810		810		810
Highway Safety Improvement Program	4,804	1,201	6,005	6,005	-
Interstate Maintenance Discretionary			-		
Locally Funded	-	39,671	39,671	39,671	-
National Highway Performance Program	74,584	34,707	109,291	109,291	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042	-	13,042	-	13,042
STP Flexible, CMAQ, TE	6,678	2,199	8,877	10,867	(1,990)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	-	-	-	-	-
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2016 Balance	7,974		7,974		7,974
Total	108,899	78,030	186,929	167,093	19,836

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		810		810
Highway Safety Improvement Program	2,697	674	3,371	3,371	-
Interstate Maintenance Discretionary			-		-
Locally Funded	-	37,013	37,013	37,013	-
National Highway Performance Program	55,491	34,489	89,980	89,980	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042	-	13,042	-	13,042
STP Flexible, CMAQ, TE	14,898	46,899	61,797	65,179	(3,382)
Discretionary, Demo, ETC. Projects			-		-
De-Obligations			-		-
LESS Off-STIP Obligations			-		-
FFY 2017 Balance	19,836		19,836		19,836
Total	108,899	119,557	228,456	197,950	30,506

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\$1000)	FTA Funds Carryover (x\$1000)	Total Available FTA Funds (X\$1000)	Total Project Costs (x\$1000)	Local Match (x\$1000)	Total Federal Funds Programed (x\$1000)	FTA Carryover (x\$1000)
§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	342,464		342,464	1,070,200	727,736	342,464	-
§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	378,847	30,312	409,159	1,147,807	756,803	391,004	18,155

* 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\$1000)	FTA Funds Carryover (x\$1000)	Total Available FTA Funds (x\$1000)	Total Project Costs (x\$1000)	Local Match (x\$1000)	Total Actual Federal Uses (x\$1000)	FTA Carryover (x\$1000)
§5307 Urbanized Area Formula*	52,922	-	52,922	76,202	27,389	48,813	4,109
§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	340,306		340,306	1,063,457	723,151	340,306	-
§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	821	164	657	-
§5339 Bus and Bus Facilities (2014)		-	-				-
§5339 Bus and Bus Facilities (2015)		3,562	3,562	4,453	891	3,562	-
FTALocal Funds Only	-	-	-	1,490	1,490	-	-
§5310 (2015)		681	681				681
Totals	399,109	18,155	417,264	1,162,938	756,780	406,158	11,106

* 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\$1000)	FTA Funds Carryover (x\$1000)	Total Available FTA Funds (X\$1000)	Total Project Costs (x\$1000)	Local Match (x\$1000)	Total Actual Federal Uses (x\$1000)	FTA Carryover (x\$1000)
§5307 Urbanized Area Formula*	29,500	-	29,500	117,215	77,859	39,356	(9,856)
§5307 Urbanized Area Formula* (2014)	-	-	-				-
§5307 Urbanized Area Formula* (2015)		719	719				719
§5309	241,902		241,902	755,944	514,042	241,902	-
§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)		4,109	4,109				4,109
§5310 (2015)		681	681				681
§5310 (2016)		695	695				695
Totals	277,398	11,043	288,441	881,896	595,020	286,876	1,565

* 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\$1000)	FTA Funds Carryover (x\$1000)	Total Available FTA Funds (X\$1000)	Total Project Costs (x\$1000)	Local Match (x\$1000)	Total Actual Federal Uses (x\$1000)	FTA Carryover (x\$1000)
§5307 Urbanized Area Formula*	30,090	-	30,090	119,318	79,077	40,241	(10,151)
§5307 Urbanized Area Formula* (2015)		719	719				719
§5309	124,297		124,297	388,428	264,131	124,297	-
§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* (2017)		4,109					
§5307 Urbanized Area Formula* (2017)		(9,856)					
§5310 (2015)		681					
§5310 (2016)		695					
§5310 (2017)		378					
§5339 Bus and Bus Facilities (2017)		1,348					
Totals	160,508	1,515	164,668	515,388	346,486	168,902	(4,234)

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

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