

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

**REVISION #12
Amendment**

July 2016



Oahu Metropolitan Planning Organization
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ABBREVIATIONS

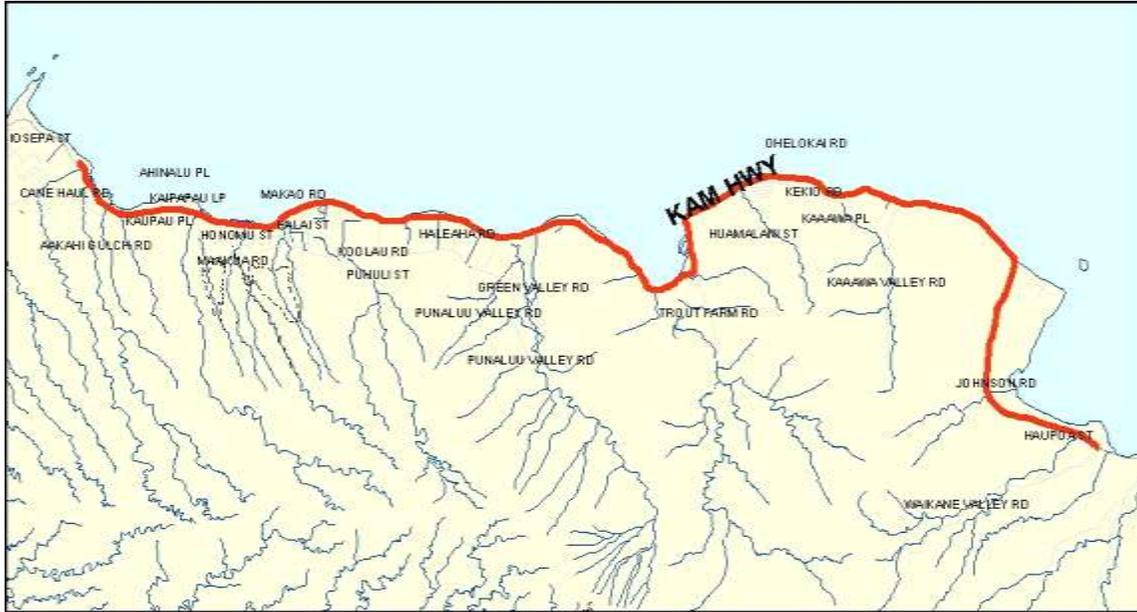
§	Section	EQP	Equipment (phase)
§5307	Urbanized Area Formula Program (funding category)	FFY	Federal Fiscal Year (October - September)
§5309 BC	Bus and Bus-Related Facilities (funding category)	FHWA	Federal Highway Administration
§5309 FGM	Fixed Guideway Modernization (funding category)	FHWA X-fer	FHWA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

ORTP	Oahu Regional Transportation Plan
PE1	Preliminary Design, including NEPA (phase)
PE2	Final Design (phase)
PLN	Planning (phase)
PREROW	Pre-Right-of-Way (phase)
PROF SVCS	Professional Services
Rec Trails Prog	Recreational Trails Program (funding category)
REL	Relocation (phase)
ROW	Right-of-Way (phase)
RY	Report Year
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users
SmUrb	Small Urban
SOGR	State of Good Repair Grant
STIC	Small Transit Intensive Cities
STIP	Statewide Transportation Improvement Program
STP Flex	Surface Transportation Program Flexible funds (funding category)
TAP	Transportation Alternatives Program – Any Area
TAP-U	Transportation Alternatives Program – Urban Area
TIGER	Transportation Investment Generating Economic Recovery Grant
TIGGER	Transit Investments for Greenhouse Gas and Energy Reduction Grant
TIP	Transportation Improvement Program
USC	United States Code
UZA	Urbanized Areas

**REVISION #12
Amendment**

PROJECT NUMBER	PROJECT NAME <i>(Sorted by Project Name)</i>	REVISION DETAILS
FHWA - Funded Projects		
<u>State of Hawaii - Sponsored Projects</u>		
OS65	Kamehameha Highway (RTE 83) Shoreline Mitigation, Vicinity of Kualoa, Kaawa, Punauu, and Hauula	Request to add new Design-Build project. C.1
<u>City and County of Honolulu - Sponsored Projects</u>		
OC26	Transportation Alternative Program (State)	Request to add new program. C.1 HART projects may be flexed from FHWA to FTA.

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



TIP Revision #12 Details:

Request to add new Design-Build project. C.1

Project Description:

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

Project Website: None

Neighborhood(s): Koolauloa, Kahaalu

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

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

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

Hawaii Department of Transportation

FOR INFORMATION ONLY

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



TIP Revision #12 Details:

Request to add new program. C.1 HART projects may be flexed from FHWA to FTA.

Project Description:

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

Project Website: None

Neighborhood(s): Islandwide

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

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

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

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services/HART

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)																
TBD																			
PE1	0	0	0	52C	416	104	0	0	0	0	0	0	0	0	0	0	0	0	TAP
PE2	0	0	0	40C	320	80	0	0	0	0	0	0	0	0	0	0	0	0	TAP
CON	0	0	0	1,38C	1,104	276	0	0	0	0	0	0	0	0	0	0	0	0	TAP

FFYs 2015-2018 TIP REVISION #12 FUNDING SUMMARY

FUNDING SUMMARY

	FFY 2015			FFY 2016			FFY 2017			FFY 2018			FOR INFORMATION ONLY					
													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)									
FHWA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #11	158,769	89,719	69,050	108,101	76,449	31,652	191,188	82,817	108,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
Revision #12 Changes	0	0	0	100	80	20	10,000	5,000	5,000	0	0	0	0	0	0	0	0	0
Total as of Revision #12	158,769	89,719	69,050	108,201	76,529	31,672	201,188	87,817	113,371	178,905	89,335	89,570	165,759	128,679	37,080	130,614	112,908	17,706
C&C of Honolulu - Sponsored Projects																		
As of Revision #11	29,508	17,000	12,508	31,480	17,362	14,118	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,389	16,705	19,684
Revision #12 Changes	0	0	0	2,300	1,840	460	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	29,508	17,000	12,508	33,780	19,202	14,578	17,478	17,800	(322)	46,878	16,056	30,822	57,587	24,723	32,864	36,389	16,705	19,684
TOTAL FHWA	188,277	106,719	81,558	141,981	95,731	46,250	218,666	105,617	113,049	225,783	105,391	120,392	223,346	153,402	69,944	167,003	129,613	37,390
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #11	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
Revision #12 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115
C&C of Honolulu - Sponsored Projects																		
As of Revision #11	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
Revision #12 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	77,125	48,155	28,970	1,739,830	544,798	1,195,032	912,279	267,353	644,926	98,818	22,093	76,725	86,918	7,193	79,725	87,716	6,964	80,752
TOTAL FTA	77,607	48,540	29,067	1,740,327	545,195	1,195,132	912,791	267,762	645,029	99,347	22,515	76,832	87,464	7,628	79,836	88,280	7,413	80,867

FHWA REGULAR FORMULA FUNDS PROGRAMMED

	FFY 2015 (x\$1000)	FFY 2016 (x\$1000)	FFY 2017 (x\$1000)	FFY 2018 (x\$1000)	FOR INFORMATION ONLY	
					FFY 2019 (x\$1000)	FFY 2020 (x\$1000)
FHWA-FUNDED PROJECTS						
<u>State of Hawaii-Sponsored Projects</u>						
National Highway Performance Program	85,132	66,782	60,592	61,169	117,872	98,221
Earmark High Priority	0	0	3,600	918	0	200
Highway Safety Improvement Program	0	4,160	5,908	4,961	72	2,400
Interstate Maintenance Discretionary	4,300	2,300	0	0	0	0
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	0	3,000	17,000	15,000	8,000	6,480
Transportation Enhancement	0	0	430	7,000	2,448	5,320
State of Hawaii - FHWA Total	89,719	76,529	87,817	89,335	128,679	112,908
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	720	720	720	800	800
STP Flexible	16,280	15,842	16,280	14,536	20,812	15,105
Transportation Alternatives Program - Urban	0	800	800	800	3,111	800
Transportation Alternatives Program	0	1,840	0	0	0	0
City and County of Honolulu - FHWA Total	17,000	19,202	17,800	16,056	24,723	16,705
FHWA TOTAL	106,719	95,731	105,617	105,391	153,402	129,613
Less Discretionary Funds, etc.	(4,300)	(2,300)	(3,600)	(918)	0	(200)
Less FTA Transfer Funds	0	0	0	0	0	0
FHWA REGULAR FORMULA FUNDS TOTAL	102,419	93,431	102,017	104,473	153,402	129,413

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

FHWA Financial Constraint – FFY 2015

FFY 2015	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Funds Programmed (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	720	180	900	900	-
Earmark High Priority	-	-	-	-	-
Transportation Alternatives Program-U	-	-	-	-	-
Highway Safety Improvement Program	-	-	-	-	-
Interstate Maintenance Discretionary	4,300	500	4,800	4,800	-
Locally Funded	-	20,875	20,875	20,875	-
National Highway Performance Program	85,132	47,894	133,026	133,026	-
Recreational Trails Program	287	72	359	359	-
STP-U	12,500	-	12,500	-	12,500
STP Flexible, CMAQ, TE	3,780	12,037	15,817	28,317	(12,500)
Discretionary, Demo, ETC. Projects	6,600	-	6,600	-	6,600
De-Obligations	46,886	-	46,886	-	46,886
LESS Off-STIP Obligations	(30,404)	-	(30,404)	-	(30,404)
Total	129,801	81,558	211,359	188,277	23,082

FHWA Financial Constraint – FFY 2016

FFY 2016	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Funds Programmed (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	720	180	900	900	-
Earmark High Priority		-	-	-	-
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program	1,920	460	2,380	2,300	80
Highway Safety Improvement Program	3,088	1,040	4,128	5,200	(1,072)
Interstate Maintenance Discretionary	2,300	1,780	4,080	4,080	-
Locally Funded	-	35,800	35,800	35,800	-
National Highway Performance Program	66,782	(6,070)	60,712	60,712	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	5,020	12,788	17,808	31,630	(13,822)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	14,800	-	14,800	-	14,800
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2015 Balance	23,082	-	23,082	-	23,082
Total	131,851	46,250	178,101	141,981	36,120

FHWA Financial Constraint – FFY 2017

FFY 2017	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Funds Programmed (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	720	180	900	900	-
Earmark High Priority	3,600	900	4,500	4,500	-
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program		-		-	
Highway Safety Improvement Program	4,804	4,307	9,111	10,215	(1,104)
Interstate Maintenance Discretionary		-	-	-	
Locally Funded	-	39,660	39,660	39,660	-
National Highway Performance Program	60,592	58,584	119,176	119,176	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	6,678	9,146	15,824	42,856	(27,032)
Discretionary, Demo, ETC. Projects	-	-	-	-	-
De-Obligations	-	-	-	-	-
LESS Off-STIP Obligations	-	-	-	-	-
FFY 2016 Balance	36,120		36,120		36,120
Total	126,653	113,049	239,702	218,666	21,036

FHWA Financial Constraint – FFY 2018

FFY 2018	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Funds Programmed (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	720	180	900	900	-
Earmark High Priority	1,118	230	1,348	1,148	200
Transportation Alternatives Program-U	810	200	1,010	1,000	10
Transportation Alternatives Program		-		-	
Highway Safety Improvement Program	2,697	(1,590)	1,107	3,371	(2,264)
Interstate Maintenance Discretionary		-	-	-	-
Locally Funded	-	36,502	36,502	36,502	-
National Highway Performance Program	61,169	39,608	100,777	100,777	-
Recreational Trails Program	287	72	359	359	-
STP-U	13,042		13,042	-	13,042
STP Flexible, CMAQ, TE	14,898	45,190	60,088	81,726	(21,638)
Discretionary, Demo, ETC. Projects			-		-
De-Obligations			-		-
LESS Off-STIP Obligations			-		-
FFY 2017 Balance	21,036		21,036		21,036
Total	115,777	120,392	236,169	225,783	10,386

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

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

FFY 2015	FTA Apportionments and Allocations (x\$000)	FTA Funds Carryover (x\$000)	Total Available FTA Funds (X\$000)	Total Project Costs (x\$000)	Local Match (x\$000)	Total Federal Funds Programed (x\$000)	FTA Carryover (x\$000)
§5307 Urbanized Area Formula*	30,622		30,622	35,721	16,476	19,245	11,377
§5307 Urbanized Area Formula* (2013)		2,320	2,320	4,304	2,047	2,257	63
§5307 Urbanized Area Formula* (2014)		15,338	15,338	21,408	6,070	15,338	-
§5309 Bus and Bus Facilities (2012)		1,923	1,923	2,403	480	1,923	-
§5309	250,024		250,024	-	-	-	250,024
§5310	385		385	482	97	385	-
§5310 - Urban	681		681				681
§5310 (2013)		325	325	604	279	325	-
§5310 (2014)		682	682				682
§5337 SOGR	1,133		1,133				1,133
§5337 SOGR (2013)		1,047	1,047	1,297	250	1,047	-
§5337 SOGR (2014)		1,111	1,111	1,376	265	1,111	-
§5339 Bus and Bus Facilities	3,562		3,562				3,562
§5339 Bus and Bus Facilities (2013)		4,149	4,149	4,365	873	3,492	657
§5339 Bus and Bus Facilities (2014)		3,417	3,417	4,271	854	3,417	-
FTA Local Funds Only			-	1,376	1,376	-	-
Totals	286,407	30,312	316,719	77,607	29,067	48,540	268,179

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

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

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

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

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

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

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

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

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

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

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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.