

**FEDERAL FISCAL YEARS 2011 - 2014
TRANSPORTATION IMPROVEMENT PROGRAM**

**REVISION #7
AMENDMENT**

September 2011



Oahu Metropolitan Planning Organization
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ABBREVIATIONS

§	Section	FFY	Federal Fiscal Year (October - September)
§5307	Urbanized Area Formula Program (funding category)	FHWA	Federal Highway Administration
§5309 BC	Bus and Bus-Related Facilities (funding category)	FHWA X-fer	FHWA transfer of funds from FTA
§5309 FGM	Fixed Guideway Modernization (funding category)	FTA	Federal Transit Administration
§5309 NS	New Starts (funding category)	HDOT	Hawaii Department of Transportation
§5316	Job Access Reverse Commute Program (JARC) (funding category)	HP	High Priority Projects Program (funding category)
§5317	New Freedom Program (funding category)	HR	House Report
§5340	Growing States and High Density States Formula Program (funding category)	HSIP	Highway Safety Improvement Program (funding category)
3-C	Continuing, Cooperative, Comprehensive	IM	Interstate Maintenance (funding category)
ADA	Americans with Disabilities Act	INSP	Inspection Phase
ADVCON	Advance Construction Reimbursement	JARC	Job Access and Reverse Commute Program (funding category)
Bridge Off	Bridge Off-System (funding category)	Local Only	Funded with State or City funds (funding category)
Bridge On/Off	Bridge On/Off-System (funding category)	NF	New Freedom Program (funding category)
CAC	OahuMPO Citizen Advisory Committee	NHS	National Highway System (funding category)
CMAQ	Congestion Mitigation and Air Quality Improvement Program (funding category)	NTD	National Transit Database
CON	Construction Phase	OahuMPO	Oahu Metropolitan Planning Organization
DES	Design Phase	OPR	Operations Phase
Discret	Discretionary Funds (funding category)	ORTP	Oahu Regional Transportation Plan
DTS	City and County of Honolulu Department of Transportation Services	PLN	Planning Phase
Enhance	Transportation Enhancement Program (funding category)	PREROW	Pre-Right-of-Way Phase
EQP	Equipment 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
STIC	Small Transit Intensive Cities
STIP	Statewide Transportation Improvement Program
STP Flex	Surface Transportation Program Flexible funds (funding category)
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 #7
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 <i>(Sorted by Project Name)</i>	REVISION DETAILS
FHWA - Funded Projects		
<u>State of Hawaii - Sponsored Projects</u>		
OS87	Bridge and Pavement Improvement Program, Oahu	Added a new project.



TIP Revision #7 Details:

Added a new project.

Project Description:

This is an ongoing islandwide program for the system maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation, and/or preservation. Locations include:

Fort Weaver Road (Route 76), Popoi Place to Renton Road (MP 0.00 - 3.99) - Cold plane; resurface; reconstruct weakened pavement areas; install signs, pavement marking and striping, milled rumble strips, and loop detectors; and adjust manholes. The scope of the project does not include bicycle or pedestrian elements.

Interstate Route H-1, Salt Lake Viaduct, Eastbound - Replace the concrete deck. The scope of the project does not include bicycle or pedestrian elements.

Kahuapaani Street (Route 7241), Salt Lake Boulevard to Moanalua Freeway (MP 0.00 - 0.80) - Cold plane and pave; replace existing guardrails and end treatments; upgrade bridge railing end post; install pavement markings and reflective markers; upgrade crash attenuators; replace detectable warnings; and upgrade a curb ramp. This project will improve pedestrian and bicycle elements, such as an existing curb ramp.

Mokapu Saddle Road (Route 65), Kapaa Quarry Road to Kalaheo Avenue (MP 3.00 - 4.15) - Resurface, replace damaged curb and gutter; construct drainage structures; adjust utility manholes and pull boxes, upgrade guardrails, install concrete bus pads, curb ramps, sidewalks, underdrains, landscaping, irrigations, loop detectors, and striping and pavement markings. This project will improve pedestrian and bicycle elements, such as curb ramps and sidewalks.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$26,000,000
(May include project costs outside of the 4-year TIP.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

OS87 Bridge and Pavement Improvement Program, Oahu

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	FFY 2015			FFY 2016			
	(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	
<i>Fort Weaver Road (Route 76), Pavement Preservation, Popoi Place to Renton Road</i>																			
CON	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Interstate Route H-1, Deck Repair, Salt Lake Viaduct, Eastbound</i>																			
CON	3,500	3,150	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
<i>Kahuapaani Street (Route 7241), Resurfacing, Salt Lake Boulevard to Moanalua Freeway</i>																			
CON	6,000	4,800	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Mokapu Saddle Road (Route 65), Resurfacing, Kapaa Quarry Road to Kalaheo Avenue</i>																			
CON	8,500	6,800	1,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

FFYs 2011-2014 TIP REVISION #7 FUNDING SUMMARY

										FOR INFORMATION ONLY								
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016		
	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	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																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #6	41,274	25,216	16,058	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203
Revision #7 Changes	23,000	18,750	4,250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #7	64,274	43,966	20,308	44,938	30,798	14,140	158,555	83,264	75,291	54,439	83,523	(29,084)	119,434	111,911	7,523	147,890	123,687	24,203
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #6	39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532
Revision #7 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #7	39,056	15,329	23,727	27,900	18,873	9,027	30,086	17,000	13,086	72,341	14,000	58,341	58,373	41,280	17,093	85,140	65,608	19,532
TOTAL FHWA	103,330	59,295	44,035	72,838	49,671	23,167	188,641	100,264	88,377	126,780	97,523	29,257	177,807	153,191	24,616	233,030	189,295	43,735
FTA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #6	319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Revision #7 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #7	319	255	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #6	553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867
Revision #7 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #7	553,492	120,198	433,294	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867
TOTAL FTA	553,811	120,453	433,358	792,374	236,112	556,262	1,222,774	309,311	913,463	1,105,872	309,451	796,421	840,136	254,315	585,821	554,722	265,855	288,867

FHWA REGULAR FORMULA FUNDS PROGRAMMED

	FFY 2011 (x\$1000)	FFY 2012 (x\$1000)	FFY 2013 (x\$1000)	FFY 2014 (x\$1000)	FOR INFORMATION ONLY	
					FFY 2015 (x\$1000)	FFY 2016 (x\$1000)
FHWA-FUNDED PROJECTS						
<u>State of Hawaii-Sponsored Projects</u>						
Bridge On/Off-System	780	1,274	757	2,720	29,748	44,956
CMAQ	980	838	685	521	345	156
Earmark High Priority	0	1,600	0	200	0	0
Highway Safety Improvement Program	2,079	11,691	7,100	900	0	0
Interstate Maintenance	0	1,520	1,520	10,316	33,665	46,925
Interstate Maintenance Discretionary	0	0	4,300	0	0	0
National Highway System	11,720	4,086	64,430	64,280	35,423	6,979
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	24,200	0	1,890	0	7,688	21,640
Transfer from FHWA to FTA	1,920	2,062	2,215	2,379	2,555	2,744
Transportation Enhancement	2,000	7,440	80	1,920	2,200	0
State of Hawaii - FHWA Total	43,966	30,798	83,264	83,523	111,911	123,687
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	1,200	800	2,000	800	1,280
STP Flexible	14,609	17,673	16,200	12,000	40,480	64,328
City and County of Honolulu - FHWA Total	15,329	18,873	17,000	14,000	41,280	65,608
FHWA TOTAL	59,295	49,671	100,264	97,523	153,191	189,295
Less Discretionary Funds, etc.	0	(1,600)	(4,300)	(200)	0	0
Less FTA Transfer Funds	(1,920)	(2,062)	(2,215)	(2,379)	(2,555)	(2,744)
FHWA REGULAR FORMULA FUNDS TOTAL	57,375	46,009	93,749	94,944	150,636	186,551

FINANCIAL PLAN
FFYs 2011-2014 TIP as of Revision #7

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, and DTS. Information on the revenues estimated to be available for the entire State of Hawaii is available in the HDOT's FFYs 2011-2014 STIP, as revised. Refer to Chapter 7 of the TIP for additional information on FHWA and FTA funding sources.

FHWA Financial Constraint – FFY 2011

FFY 2011	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	720	180	900	900	0
Bridge On/Off-System	780	195	975	975	0
CMAQ	980	0	980	980	0
Earmark High Priority	0	0	0	0	0
Highway Safety Improvement Program	2,079	231	2,310	2,310	0
Interstate Maintenance	0	0	0	0	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	11,720	2,680	14,400	14,400	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	38,809	6,700	45,509	45,509	0
Transfer from FTA to FHWA	1,920	0	1,920	1,920	0
Transportation Enhancement	2,000	500	2,500	2,500	0
Local Only	0	33,477	33,477	33,477	0
Total	59,295	44,035	103,330	103,330	0

FHWA Financial Constraint – FFY 2012

FFY 2012	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	1,200	300	1,500	1,500	0
Bridge On/Off-System	1,274	318	1,592	1,592	0
CMAQ	838	0	838	838	0
Earmark High Priority	1,600	440	2,040	2,040	0
Highway Safety Improvement Program	11,691	10,298	21,989	21,989	0
Interstate Maintenance	1,520	380	1,900	1,900	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	4,086	772	4,858	4,858	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	17,673	2,950	20,623	20,623	0
Transfer from FTA to FHWA	2,062	0	2,062	2,062	0
Transportation Enhancement	7,440	1,860	9,300	9,300	0
Local Only	0	5,777	5,777	5,777	0
Total	49,671	23,167	72,838	72,838	0

FHWA Financial Constraint – FFY 2013

FFY 2013	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	800	200	1,000	1,000	0
Bridge On/Off-System	757	189	946	946	0
CMAQ	685	0	685	685	0
Earmark High Priority	0	0	0	0	0
Highway Safety Improvement Program	7,100	-6,100	1,000	1,000	0
Interstate Maintenance	1,520	380	1,900	1,900	0
Interstate Maintenance Discretionary	4,300	500	4,800	4,800	0
National Highway System	64,430	80,020	144,450	144,450	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	18,090	11,591	29,681	29,681	0
Transfer from FTA to FHWA	2,215	0	2,215	2,215	0
Transportation Enhancement	80	20	100	100	0
Local Only	0	1505	1,505	1,505	0
Total	100,264	88,377	188,641	188,641	0

FHWA Financial Constraint – FFY 2014

FFY 2014	Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Funds Balance (x\$1000)
Bridge Off-System	2,000	500	2,500	2,500	0
Bridge On/Off-System	2,720	680	3,400	3,400	0
CMAQ	521	0	521	521	0
Earmark High Priority	200	50	250	250	0
Highway Safety Improvement Program	900	100	1,000	1,000	0
Interstate Maintenance	10,316	2,464	12,780	12,780	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	64,280	-32,930	31,350	31,350	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	12,000	11,786	23,786	23,786	0
Transfer from FTA to FHWA	2,379	0	2,379	2,379	0
Transportation Enhancement	1,920	480	2,400	2,400	0
Local Only	0	46,055	46,055	46,055	0
Total	97,523	29,257	126,780	126,780	0

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

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2011

FFY 2011	Estimated Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Federal Funds Balance (x\$1000)
§5307 Urbanized Area Formula*	36,238	25,983	62,221	62,221	0
§5309 Bus Capital**	1,157	436	1,593	1,593	0
§5309 Fixed Guideway Modernization	2,138	1,162	3,300	3,300	0
§5309 New Starts	80,000	405,000	485,000	485,000	0
§5316 JARC Urban	397	99	496	496	0
§5317 New Freedom Urban	268	208	476	476	0
Local Funds Only	0	406	406	406	0
FTA Total	120,198	433,294	553,492	553,492	0

*Includes §5340 Growing States and High Density States Formula Program apportionment and TIGGER II Grant

**An anticipated request from Congress and not a formula fund

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2012

FFY 2012	Estimated Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Federal Funds Balance (x\$1000)
§5307 Urbanized Area Formula*	31,990	64,035	96,025	96,025	0
§5309 Bus Capital**	1,327	483	1,810	1,810	0
§5309 Fixed Guideway Modernization	2,168	467	2,635	2,635	0
§5309 New Starts	200,000	426,970	626,970	626,970	0
§5316 JARC Urban	385	234	619	619	0
§5317 New Freedom Urban	242	238	480	480	0
Local Funds Only	0	63,835	63,835	63,835	0
FTA Total	236,112	556,262	792,374	792,374	0

*Includes §5340 Growing States and High Density States Formula Program apportionment and TIGGER II Grant

**An anticipated request from Congress and not a formula fund

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2013

FFY 2013	Estimated Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Federal Funds Balance (x\$1000)
§5307 Urbanized Area Formula*	33,023	92,200	125,223	125,223	0
§5309 Bus Capital**	23,458	5,864	29,322	29,322	0
§5309 Fixed Guideway Modernization	2,183	629	2,812	2,812	0
§5309 New Starts	250,000	743,800	993,800	993,800	0
§5316 JARC Urban	394	232	626	626	0
§5317 New Freedom Urban	253	254	507	507	0
Local Funds Only	0	70,484	70,484	70,484	0
FTA Total	309,311	913,463	1,222,774	1,222,774	0

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

**An anticipated request from Congress and not a formula fund

FTA Financial Constraint (City and County of Honolulu Projects) – FFY 2014

FFY 2014	Estimated Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Federal Funds Balance (x\$1000)
§5307 Urbanized Area Formula*	33,103	79,199	112,302	112,302	0
§5309 Bus Capital**	23,469	5,868	29,337	29,337	0
§5309 Fixed Guideway Modernization	2,198	595	2,793	2,793	0
§5309 New Starts	250,000	638,801	888,801	888,801	0
§5316 JARC Urban	414	242	656	656	0
§5317 New Freedom Urban	267	267	534	534	0
Local Funds Only	0	71,449	71,449	71,449	0
FTA Total	309,451	796,421	1,105,872	1,105,872	0

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

**An anticipated request from Congress and not a formula fund

FTA Financial Constraint (State of Hawaii Projects) – FFY 2011

FFY 2011	Estimated Federal Funds Available for Oahu (x\$1000)	Local Funds (x\$1000)	Total Sources (x\$1000)	Total Uses (x\$1000)	Federal Funds Balance (x\$1000)
§5316 JARC Small Urban	140	35	175	175	0
§5317 New Freedom Small Urban	115	29	144	144	0
FTA Total	255	64	319	319	0

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.