

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

**REVISION #4
PRE-APPROVED ADMINISTRATIVE MODIFICATION**

May 2011



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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 #4
Pre-Approved Administrative Modification

This revision consists of administrative modifications that the OahuMPO Policy Committee has pre-approved. 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>		
OS1	Castle Hills Access Road Drainage Improvements, Phase II	Increased ROW/CON in FFY 2011 from \$3M to \$4.3M to reflect current estimate.
OS2	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS3	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	The project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS8	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 1C	Increased estimated total project cost by \$3M.
OS9	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A	Increased estimated total project cost by \$3M.
OS10	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2B	Increased estimated total project cost by \$3M.
OS11	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 3A	Increased estimated total project cost by \$3M.
OS12	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), System Manager	Increased DES in FFY 2011 from \$1.622M to \$4.0M to reflect current estimate.
OS14	Guardrail and Shoulder Improvements, Various Locations	Changed funding category from Highway Safety Improvement Program to STP Flexible.
OS16	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal	Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS18	Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange	Deferred and inflated DES (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.
OS21	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	Deferred and inflated DES (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

OS22	Interstate Route H-1, Kapolei Interchange Complex	Deferred and inflated Phase 2 CON (by 4% per year) from FFY 2011 to FFY 2013. Phases 2 and 3 were previously split into two separate phases to qualify for TIGER II funding. TIGER II funds were not awarded to this project, and therefore, Phases 2 and 3 will be recombined.
OS26	Interstate Route H-1, Waiiau Interchange to Halawa Interchange, Widening, Eastbound	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS27	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	This project remains on the illustrative list. Deferred DES (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint.
OS30	Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (In-bound & Out-bound)	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS31	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) Interchange	This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS32	Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS34	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.
OS35	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	Increased estimated total project cost by \$600,000.
OS36	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS40	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS42	Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS43	Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge	Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS44	Kamehameha Highway, Bridge Replacement, Kaunala Stream Bridge	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS46	Kamehameha Highway, Bridge Replacement, Lauhulu Stream Bridge	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

OS47	Kamehameha Highway, Bridge Replacement, Papau Stream (Waipuhi) Bridge	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS48	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	Split the ROW phase into ROW and PREROW. Added \$100,000 for PREROW in FFY 2012. Deferred and inflated the remaining ROW (by 4% per year) from FFY 2011 to FFY 2013. ROW maps and DES will not be completed as originally programmed. Deleted CON for financial constraint. An Environmental Assessment-Finding of No Significant Impact is not scheduled to be completed until 2012. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS50	Kamehameha Highway, Bridge Replacement, Waiahole Bridge	Deleted the project from the illustrative list. Deferred CON from FFY 2015 to a future year for financial constraint.
OS51	Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge	Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS53	Kamehameha Highway, Realignment, Vicinity of Kawaiolo Beach	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS54	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu	Deleted the project from the illustrative list. Deferred CON from FFY 2016 to a future year for financial constraint.
OS55	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu	Deleted the project from the illustrative list. Deferred CON from FFY 2016 to a future year for financial constraint.
OS57	Kamehameha Highway, Rockfall Protection, Waimea Bay (Sunset Beach Side)	Deleted the project from the illustrative list. Deferred CON from FFY 2016 to a future year for financial constraint.
OS58	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge	Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2012. Culvert design issues will require Clean Water Act, Section 401 and Section 404 permits that will delay the project.
OS62	Kamehameha Highway, Safety Improvements, Vicinity of Waikane Valley Road to Kahekili Highway	Revised the project name to read, "Vicinity of Kahekili Highway to Waikane Valley Road", instead of "Vicinity of Waikane Valley Road to Kahekili Highway", to be consistent with the name of HDOT's project that is currently being implemented. Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2012. Culvert design issues will require Clean Water Act, Section 401 and Section 404 permits that will delay the project.
OS63	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	Deferred CON in FFY 2016 to a future year for financial constraint. Added federal funds for DES.
OS64	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	Deferred CON in FFY 2016 to a future year for financial constraint. Added federal funds for DES.

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

OS65	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2014 due to permit delays and for financial constraint.
OS66	Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay (Kahekili Highway [Route 83] to Kaalaea Stream)	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS68	Kamehameha Highway, Widening, Lanikuhana Avenue (Route 7042) to Ka Uka Boulevard (Route 7160)	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS72	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.
OS73	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.
OS74	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS75	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.
OS76	North-South Road (Kualakai Parkway) (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of the H-1 Freeway, Phase II	Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.
OS77	Pali Highway (Route 61), Rockfall Protection Between the Two Tunnels	Deleted the project from the illustrative list. Deferred PLN/DES from FFY 2016 to a future year for financial constraint.
OS78	Pali Highway (Route 61), Rockfall Protection, Kailua Side of Kailua-Bound Tunnels	Deleted the project from the illustrative list. Deferred PLN/DES from FFY 2015 to a future year for financial constraint.

City and County of Honolulu - Sponsored Projects

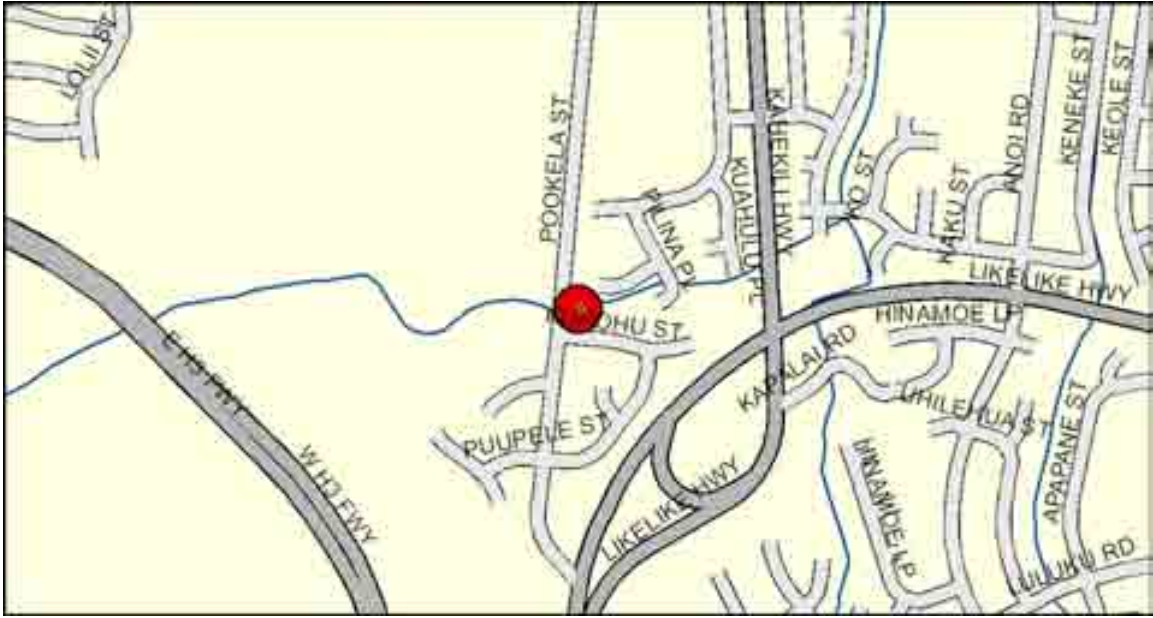
OC5	Computerized Traffic Control System	Decreased funding in FFY 2011 by \$3,230,000, increased funding in FFY 2012 by \$6,527,000, increased funding in FFY 2015 by \$440,000, and increased funding in FFY 2016 by \$440,000 to reflect anticipated costs.
OC6	Kapolei Parkway (Route 8920), Kunehi Street to Kamokila Boulevard	Decreased CON by \$2,148,000 in FFY 2011 and increased CON by \$407,000 in FFY 2012 to reflect anticipated costs.

FHWA - Funded Projects

City and County of Honolulu - Sponsored Projects

OC10	Traffic Improvements at Various Locations	Decreased funding in FFY 2011 by \$1,698,000, increased funding in FFY 2012 by \$352,000, and increased funding in FFY 2014 by \$960,000 to reflect anticipated costs.
OC11	Traffic Signals at Various Locations	Decreased funding in FFY 2011 by \$3,045,000, increased funding in FFY 2012 by \$4,090,000, increased funding in 2013 by \$820,000, increased funding in FFY 2014 by \$100,000, increased funding in FFY 2015 by \$820,000, and increased funding in FFY 2016 by \$820,000 to reflect anticipated costs.
OC12	Upgrade Pedestrian Signals at Various Locations	In FFY 2012, removed funding for DES (\$30,000) and decreased CON by \$250,000. In FFY 2013, removed funding for DES (\$10,000) and CON (\$100,000) to reflect anticipated costs.

OS1 Castle Hills Access Road Drainage Improvements, Phase II



TIP Revision #4 Details:

Increased ROW/CON in FFY 2011 from \$3M to \$4.3M to reflect current estimate.

Project Description:

Construct a retention basin and/or other drainage improvements in the vicinity of Pookela Street, Kupohu Street, and Pilina Way in Kaneohe.

Project Website: None

Neighborhood(s): Kaneohe

Estimated Total Project Cost: \$16,800,000
(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

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		
ROW/CON	4,300	3,200	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OS2 Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge



TIP Revision #4 Details:

Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Rehabilitate the existing bridge to meet current design standards. The bridge will be widened, lengthened, have bridge railings installed that will redirect errant vehicles, have wider shoulders for pedestrians and bicycles, and be strengthened to accommodate present day vehicular loads. The rehabilitated bridge will provide a safer and more efficient facility to residents and visitors who utilize Farrington Highway in the vicinity of Nanakuli. The rehabilitated bridge will decrease the annual operation and maintenance costs for HDOT.

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$13,400,000
(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

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		
ROW	0	0	0	510	408	102	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS3 Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge



TIP Revision #4 Details:

The project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$16,560,000
(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

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	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,560	11,648	2,912	Bridge On/Off

OS8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 1C



TIP Revision #4 Details:

Increased estimated total project cost by \$3M.

Project Description:

The project consists of the installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the Interstate Route H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$61,500,000
(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

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>Part 1</i>																			
CON	7,000	5,600	1,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS
<i>Part 2</i>																			
CON	0	0	0	0	0	0	3,500	2,800	700	0	0	0	0	0	0	0	0	0	NHS

OS9 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A



TIP Revision #4 Details:

Increased estimated total project cost by \$3M.

Project Description:

The project consists of the installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the Interstate Route H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$61,500,000
(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

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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)			
DES	0	0	0	1,900	1,520	380	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM
Part 1																					
CON	0	0	0	0	0	0	0	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	IM
Part 2																					
CON	0	0	0	0	0	0	0	0	0	0	0	0	5,000	4,000	1,000	0	0	0	0	0	IM

OS10 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2B



TIP Revision #4 Details:

Increased estimated total project cost by \$3M.

Project Description:

The project consists of the installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the Interstate Route H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$61,500,000
(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

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	
DES	0	0	0	0	0	0	1,900	1,520	380	0	0	0	0	0	0	0	0	0	IM
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	8,000	2,000	IM

OS11 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 3A



TIP Revision #4 Details:

Increased estimated total project cost by \$3M.

Project Description:

The project consists of the installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the Interstate Route H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$61,500,000
(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

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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	2,000	1,600	400	0	0	0	IM

OS12 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), System Manager



TIP Revision #4 Details:

Increased DES in FFY 2011 from \$1.622M to \$4.0M to reflect current estimate.

Project Description:

The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$61,500,000
(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

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	
DES	4,000	3,200	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS14 Guardrail and Shoulder Improvements, Various Locations



TIP Revision #4 Details:

Changed funding category from Highway Safety Improvement Program to STP Flexible.

Project Description:

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

Project Website: None

Neighborhood(s): Various Locations

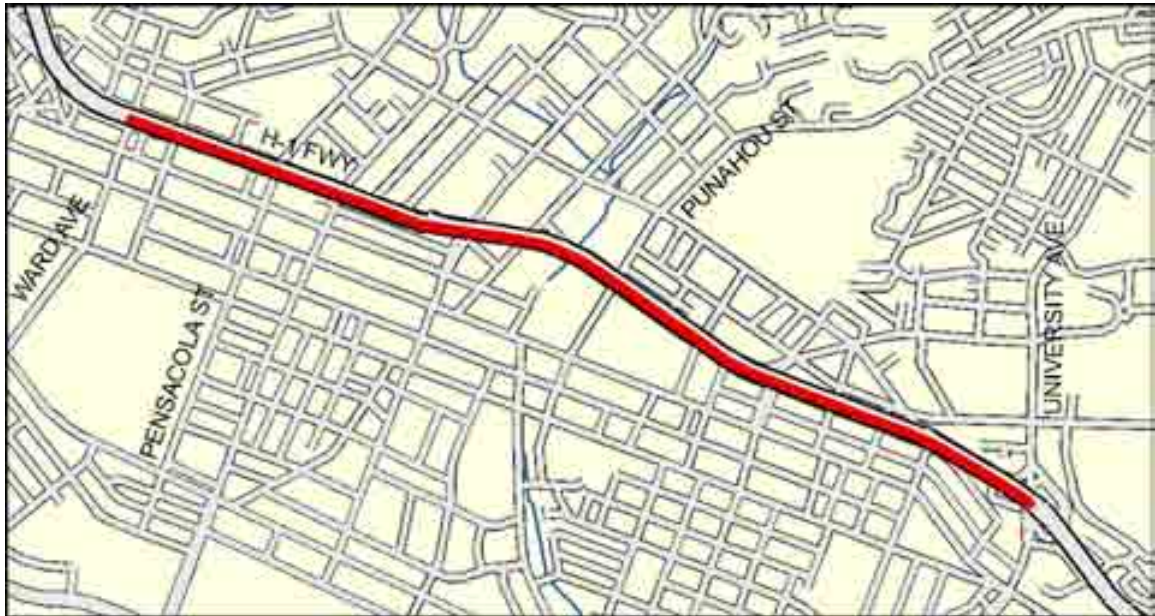
Estimated Total Project Cost: \$5,850,000
(May include project costs outside of the 4-year TIP.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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>Phase 1 - Various Locations on Interstate Route H-1</i>																				
CON	0	0	0	0	0	0	2,100	1,890	210	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 2</i>																				
DES	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	STP Flex	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	2,400	600	STP Flex	
<i>Phase 3</i>																				
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	STP Flex	

OS18 Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange



TIP Revision #4 Details:

Deferred and inflated DES (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

Project Description:

Improve the eastbound traffic flow from Ward Avenue to the University Interchange.

Project Website: None

Neighborhood(s): Makiki-Lower Punchbowl-Tantalus, Manoa, McCully-Moilili

Estimated Total Project Cost: \$17,000,000
(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

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	
DES	0	0	0	0	0	0	0	0	0	920	828	92	0	0	0	0	0	0	IM

OS21 Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue



TIP Revision #4 Details:

Deferred and inflated DES (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

Project Description:

Upgrade/replace existing freeway lighting.

Project Website: None

Neighborhood(s): Aiea, Airport, Kalihi-Palama, Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$14,000,000
(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

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	
Phase 1																			
CON	0	0	0	0	0	0	0	0	0	6,860	5,488	1,372	0	0	0	0	0	0	IM

OS22 Interstate Route H-1, Kapolei Interchange Complex



TIP Revision #4 Details:

Deferred and inflated Phase 2 CON (by 4% per year) from FFY 2011 to FFY 2013. Phases 2 and 3 were previously split into two separate phases to qualify for TIGER II funding. TIGER II funds were not awarded to this project, and therefore, Phases 2 and 3 will be recombined.

Project Description:

Phase 1 involved adding a westbound ramp from Makakilo Drive to the H-1 west and installing eastbound on- and off-ramps for the new Kapolei Interchange. Phase 2 involves grading and utility work for construction of the Wakea Street Overpass, the H-1 Westbound Off-Ramp to Wakea Street, and the Wakea Street Westbound On-Ramp to Farrington Highway. Phase 3 involves constructing the Wakea Street Overpass, the H-1 Westbound Off-Ramp to Wakea Street, and the Wakea Street Westbound On-Ramp to Farrington Highway. Phases 4 and 5 involve completing the Kapolei Interchange Complex, including completing construction of the Palailai and Makakilo Interchanges.

This project was called "Interstate H-1, Addition and Modification of Freeway Access, Makakilo Interchange to Palailai Interchange (Kapolei Interchange Complex)" in previous TIP documents.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$60,000,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			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)	FFY 2015		FFY 2016				

OS22 Interstate Route H-1, Kapolei Interchange Complex

<i>Phase 2</i>																		
CON	0	0	0	0	0	0	1,000	900	100	0	0	0	0	0	0	0	0	IM Discret
CON	0	0	0	0	0	0	5,700	5,130	570	0	0	0	0	0	0	0	0	NHS
<i>Phase 3</i>																		
CON	0	0	0	0	0	0	3,800	3,400	400	0	0	0	0	0	0	0	0	IM Discret
CON	0	0	0	0	0	0	21,000	18,900	2,100	0	0	0	0	0	0	0	0	NHS
<i>Phase 4</i>																		
DES	0	0	0	0	0	0	0	0	0	0	0	0	560	448	112	0	0	NHS
ROW	0	0	0	0	0	0	0	0	0	0	0	0	224	179	45	0	0	NHS
<i>Phase 5</i>																		
DES	0	0	0	0	0	0	0	0	0	0	0	0	540	432	108	0	0	NHS
ROW	0	0	0	0	0	0	0	0	0	0	0	0	216	172	44	0	0	NHS

OS26 Interstate Route H-1, Waiiau Interchange to Halawa Interchange, Widening, Eastbound



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Widen the H-1 Freeway to six lanes from the Waiiau Interchange to the Halawa Interchange in the eastbound direction, and restore the current freeway lane width and shoulder standards. Project may be phased due to high cost.

Project Website: None

Neighborhood(s): Pearl City, Aiea

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

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	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS27 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements



TIP Revision #4 Details:

This project remains on the illustrative list. Deferred DES (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint.

Project Description:

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

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$24,000,000
(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

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	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,432	2,745	687	NHS

OS30 Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (In-bound & Out-bound)



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Retrofit the interchange structure to meet current seismic standards.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Kailua

Estimated Total Project Cost: \$3,500,000
(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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS31 Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) Interchange



TIP Revision #4 Details:

This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Retrofit the interchange structure to meet current seismic standards.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Mokapu, Kailua, Kaneohe

Estimated Total Project Cost: \$3,500,000
(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

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	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,120	2,496	624	Bridge On/Off

OS32 Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Bring roadways up to City standards and turn the roadway over to the City and County of Honolulu. Roadways include Roosevelt Avenue, Enterprise Avenue, and Coral Sea Road.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$55,000,000
(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

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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)								
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OS34 Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

Project Description:

Phase I involves constructing 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: \$41,630,000
(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

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	
CON	0	0	0	0	0	0	0	0	0	13,520	10,816	2,704	0	0	0	0	0	0	NHS

OS35 Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II



TIP Revision #4 Details:

Increased estimated total project cost by \$600,000.

Project Description:

Phase II involves constructing traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: \$41,630,000
(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

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	
DES	0	0	0	0	0	0	0	0	0	900	720	180	0	0	0	0	0	0	NHS

OS36 Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Phase III involves constructing traffic operational and safety improvements on Kalanianaʻole Highway from Aloiloi Street to Waimanalo Beach Park. Project includes turning lanes, bus pullouts, and lighting improvements.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: \$41,630,000
(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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS40 Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge



TIP Revision #4 Details:

Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

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: \$5,500,000
(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

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		
ROW	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS42 Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge



TIP Revision #4 Details:
Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:
Replace the existing bridge on Kamehameha Highway (Route 83).

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$3,000,000
(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

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		Total		Federal		Local		
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS43 Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge



TIP Revision #4 Details:

Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Replace the existing bridge on Kamehameha Highway (Route 83).

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$11,000,000
(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

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		
PREROW	0	0	0	50	40	10	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	600	480	120	0	0	0	0	0	0	0	Bridge On/Off

OS44 Kamehameha Highway, Bridge Replacement, Kaunala Stream Bridge



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Replace the existing bridge on Kamehameha Highway (Route 83).

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$7,300,000
(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

Phase	FFY 2011						FFY 2012						FFY 2013						FFY 2014						FOR INFORMATION ONLY						Funding Category
	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)													
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off						

OS48 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge



TIP Revision #4 Details:

Split the ROW phase into ROW and PREROW. Added \$100,000 for PREROW in FFY 2012. Deferred and inflated the remaining ROW (by 4% per year) from FFY 2011 to FFY 2013. ROW maps and DES will not be completed as originally programmed. Deleted CON for financial constraint. An Environmental Assessment-Finding of No Significant Impact is not scheduled to be completed until 2012. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Replace the existing bridge on Kamehameha Highway (Route 83).

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$14,000,000
(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

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		
PREROW	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	946	757	189	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS50 Kamehameha Highway, Bridge Replacement, Waiahole Bridge



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred CON from FFY 2015 to a future year for financial constraint.

Project Description:

Replace the existing concrete structure on Kamehameha Highway (Route 83).

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$11,500,000
(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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS51 Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge



TIP Revision #4 Details:

Deferred CON from FFY 2016 to a future year for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Replace the existing 44-foot long bridge on Kamehameha Highway (Route 83) with a wider and stronger bridge to meet current State standards.

Project Website: None

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$4,200,000
(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

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								
ROW	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS53 Kamehameha Highway, Realignment, Vicinity of Kawaihoa Beach



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Realign Kamehameha Highway (Route 83) from Haleiwa to the vicinity of Waimea Bay, a total distance of approximately 4.2 miles. The new highway would bypass a portion of Kamehameha Highway on the North Shore.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$38,000,000
(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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS57 Kamehameha Highway, Rockfall Protection, Waimea Bay (Sunset Beach Side)



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred CON from FFY 2016 to a future year for financial constraint.

Project Description:

Install rockfall mitigation measures along Kamehameha Highway (Route 83) at Waimea Bay, from milepost 5.63 to milepost 5.9 (Sunset Beach side).

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$8,000,000
(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

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		
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS58 Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2012. Culvert design issues will require Clean Water Act, Section 401 and Section 404 permits that will delay the project.

Project Description:

Install milled rumble strips on centerline and shoulders, check superelevation along entire segment, and install pavement markings, striping, and signage on Kamehameha Highway (Route 83) from Kahana Valley Road to Kaaawa Bridge.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$1,450,000
(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

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						
CON	0	0	0	1,352	1,217	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS62 Kamehameha Highway, Safety Improvements, Vicinity of Waikane Valley Road to Kahekili Highway



TIP Revision #4 Details:

Revised the project name to read, "Vicinity of Kahekili Highway to Waikane Valley Road", instead of "Vicinity of Waikane Valley Road to Kahekili Highway", to be consistent with the name of HDOT's project that is currently being implemented. Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2012. Culvert design issues will require Clean Water Act, Section 401 and Section 404 permits that will delay the project.

Project Description:

Install milled rumble strips on centerline and shoulders, check superelevation along entire segment, and install pavement markings, striping, and signage on Kamehameha Highway (Route 83) from the vicinity of Waikane Valley Road to Kahekili Highway.

Project Website: None

Neighborhood(s): Kahaluu

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

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			
CON	0	0	0	1,637	1,474	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS63 Kamehameha Highway, Shoreline Protection, Vicinity of Hauula



TIP Revision #4 Details:

Deferred CON in FFY 2016 to a future year for financial constraint. Added federal funds for DES.

Project Description:

Construct shoreline protection measures for areas in Hauula along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$6,500,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
													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)	
DES	700	560	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS64 Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa



TIP Revision #4 Details:

Deferred CON in FFY 2016 to a future year for financial constraint. Added federal funds for DES.

Project Description:

Construct shoreline protection measures for areas in Kaaawa along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$11,800,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
													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)	
DES	700	560	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS65 Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FFY 2011 to FFY 2014 due to permit delays and for financial constraint.

Project Description:

Construct shoreline protection measures for areas in Punaluu along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$7,750,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
													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)	
CON	0	0	0	0	0	0	0	0	0	6,750	5,400	1,350	0	0	0	0	0	0	NHS

OS66 Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay (Kahekili Highway [Route 83] to Kaalaea Stream)



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Construct roadway geometric adjustments to improve safety and construct possible intersection improvements along Kamehameha Highway (Route 83), from Kahekili Highway to Kaalaea Stream. Replace two bridge structures.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Kahaluu, Koolauloa, North Shore

Estimated Total Project Cost: \$15,000,000
(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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS68 Kamehameha Highway, Widening, Lanikuhana Avenue (Route 7042) to Ka Uka Boulevard (Route 7160)



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Widen Kamehameha Highway (Route 99) to four-lanes with shoulders for bike paths and disabled vehicles.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Waipahu, Mililani-Waipio-Melemanu

Estimated Total Project Cost: \$130,000,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category	
													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)		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS72 Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

Project Description:

Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).

Project Website: None

Neighborhood(s): Moanalua, Kalihi-Palama, Aliamanu-Salt Lake-Foster Village, Airport

Estimated Total Project Cost: \$8,500,000
(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

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	
CON	0	0	0	0	0	0	0	0	0	5,840	4,672	1,168	0	0	0	0	0	0	NHS

OS73 Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FFY 2013 to FFY 2014 for financial constraint.

Project Description:

Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the Interstate Route H-3 Freeway overpass (milepost 0.73).

Project Website: None

Neighborhood(s): Aiea

Estimated Total Project Cost: \$8,500,000
(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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
													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)	
CON	0	0	0	0	0	0	0	0	0	2,340	1,872	468	0	0	0	0	0	0	NHS

OS74 Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"



TIP Revision #4 Details:

This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Retrofit interchange structure to meet current seismic standards.

Project Website: None

Neighborhood(s): Airport, Moanalua, Aliamanu-Salt Lake-Foster Village

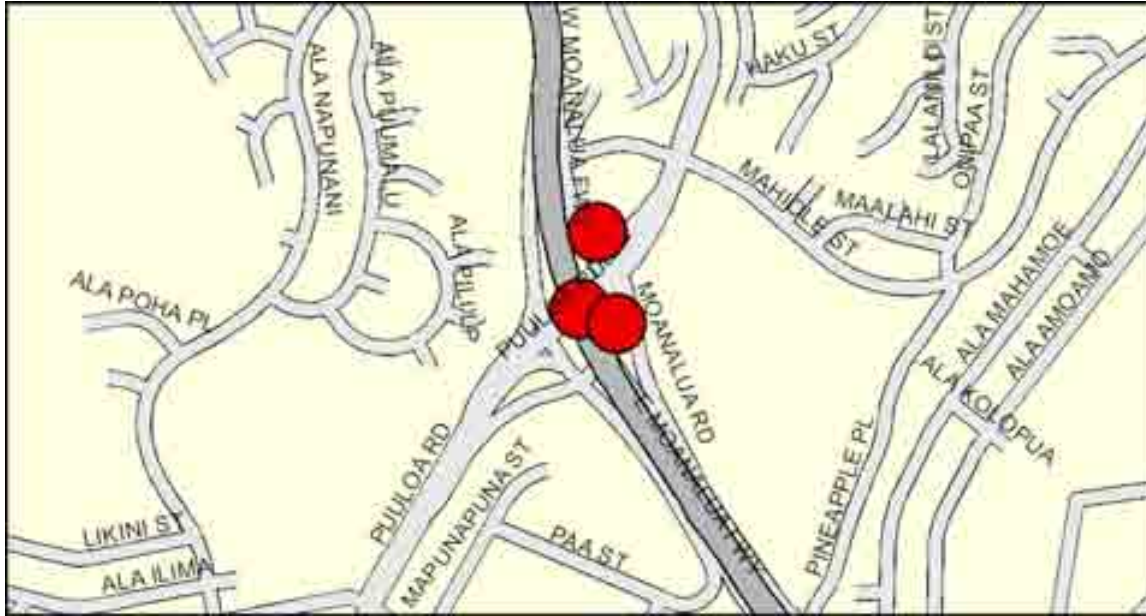
Estimated Total Project Cost: \$4,800,000
(May include project costs outside of the 4-year TIP.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,950	3,160	790	Bridge On/Off

OS75 Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation



TIP Revision #4 Details:

This project remains on the illustrative list. Deferred and inflated CON (by 4% per year) from FFY 2015 to FFY 2016 for financial constraint. Changed the "Bridge-On System" funding category to "Bridge On/Off System" to be consistent with revised SAFETEA-LU funding categories.

Project Description:

Retrofit interchange structure to meet current seismic standards.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Airport, Moanalua, Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$7,300,000
(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

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	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,450	5,160	1,290	Bridge On/Off

OS76 North-South Road (Kualakai Parkway) (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of the H-1 Freeway, Phase II



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred DES from FFY 2016 to a future year for financial constraint.

Project Description:

Phase II involves widening North-South Road (Kualakai Parkway) to 6 lanes from Kapolei Parkway to the H-1 Freeway.

Phase IB consisted of constructing the interim roadway from Kapolei Parkway to Farrington Highway. Phase IC involved constructing the roadway from Farrington Highway to the H-1 Freeway, including a full-diamond interchange at the H-1 Freeway.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	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)		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OS77 Pali Highway (Route 61), Rockfall Protection Between the Two Tunnels



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred PLN/DES from FFY 2016 to a future year for financial constraint.

Project Description:

Reduce possible rockfall and/or landslides along Pali Highway between the two Pali Highway tunnels.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

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

Phase	FOR INFORMATION ONLY																		Funding Category
	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)	
PLN/DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS78 Pali Highway (Route 61), Rockfall Protection, Kailua Side of Kailua-Bound Tunnels



TIP Revision #4 Details:

Deleted the project from the illustrative list. Deferred PLN/DES from FFY 2015 to a future year for financial constraint.

Project Description:

Reduce possible rockfall and/or landslides along Pali Highway on the Kailua side of the Kailua-bound tunnels.

This is an illustrative project (i.e., it is not funded in the 4-year TIP).

Project Website: None

Neighborhood(s): Kaneohe, Kailua

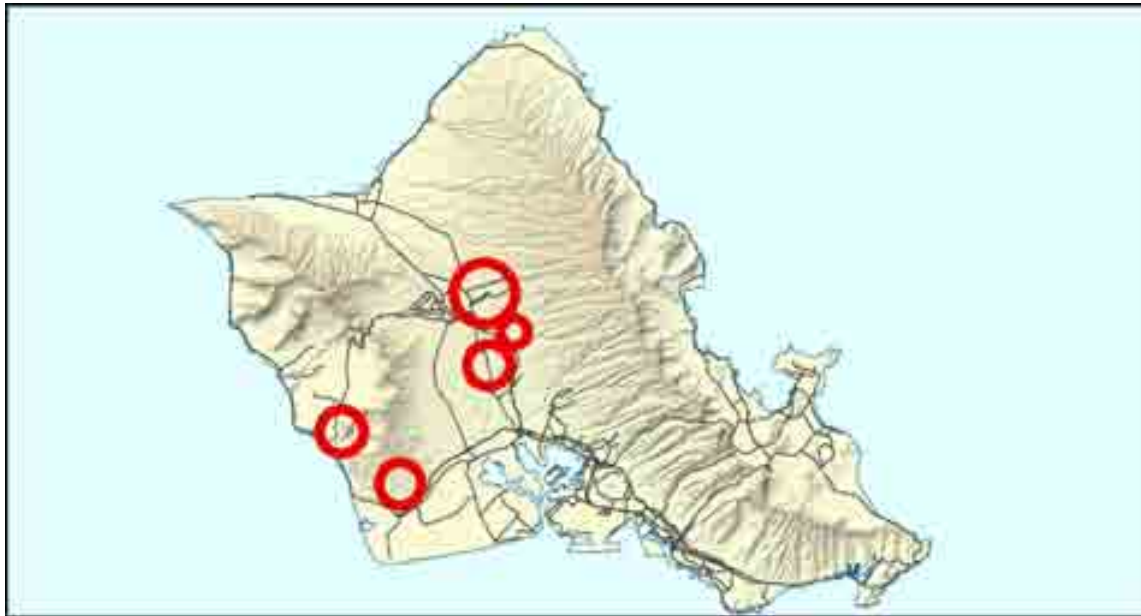
Estimated Total Project Cost: \$26,800,000
(May include project costs outside of the 4-year TIP.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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		
PLN/DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OC5 Computerized Traffic Control System



TIP Revision #4 Details:

Decreased funding in FFY 2011 by \$3,230,000, increased funding in FFY 2012 by \$6,527,000, increased funding in FFY 2015 by \$440,000, and increased funding in FFY 2016 by \$440,000 to reflect anticipated costs.

Project Description:

Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center. Project locations are indicated below.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$23,961,000
(May include project costs outside of the 4-year TIP.)

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

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

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	Total	Federal	Local		
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
Phase 13: Mililani Mauka																	
CON	0	0	0	3,307	2,527	780	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
Phase 14: Mililani Town (Part 1)																	
CON	0	0	0	3,220	3,220	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	Local Only
Phase 15: Mililani Town (Part 2) and Expand Fiber to Wahiawa																	
DES	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	3,180	2,400	780	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	Local Only
Phase 16: Wahiawa Town Area																	
DES	0	0	0	375	300	75	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	Local Only

OC5 Computerized Traffic Control System

Phase 17: Makakilo Area and Extend Fiber towards Nanakuli

DES	0	0	0	0	0	0	375	300	75	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	4,050	3,220	830	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	Local Only

Phase 18: Location Not Yet Determined

DES	0	0	0	0	0	0	0	0	0	380	304	76	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,050	3,220	830	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	Local Only

OC6 Kapolei Parkway (Route 8920), Kunehi Street to Kamokila Boulevard



TIP Revision #4 Details:

Decreased CON by \$2,148,000 in FFY 2011 and increased CON by \$407,000 in FFY 2012 to reflect anticipated costs.

Project Description:

Construct Kapolei Parkway between Kamokila Boulevard and Kunehi Street. Kamokila Boulevard to Kamaaha Avenue will be federally funded. The segment from Kamaaha Avenue to Kunehi Street will be locally funded.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$20,339,000
(May include project costs outside of the 4-year TIP.)

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

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

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>a. Urban Core 4: Kunehi Street to Kamaaha Ave</i>																				
DES	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	5,200	0	5,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>b. Urban Core 5: Kamaaha Ave to Kamokila Blvd</i>																				
CON	3,388	0	3,388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	7,813	7,813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>c. Urban Core 4A: Kamaaha Intersection</i>																				
CON	0	0	0	773	0	773	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	3,164	3,164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC10 Traffic Improvements at Various Locations



TIP Revision #4 Details:

Decreased funding in FFY 2011 by \$1,698,000, increased funding in FFY 2012 by \$352,000, and increased funding in FFY 2014 by \$960,000 to reflect anticipated costs.

Project Description:

Provide traffic congestion relief and improve traffic safety at locations, such as Dillingham Boulevard, Waiakamilo Road, and Palolo.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$11,842,000
(May include project costs outside of the 4-year TIP.)

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

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

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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		
<i>a. Palolo Traffic Calming</i>																				
PLN	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	Local Only
DES	300	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	1,930	960	970	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>b. Waiakamilo and Dillingham Intersection</i>																				
DES	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	1,821	1,457	364	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>c. Location to be Determined</i>																				
PLN	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	400	0	400	0	0	0	0	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	1,930	960	970	0	0	0	0	0	0	0	STP Flex

OC10 Traffic Improvements at Various Locations

d. Location to be Determined

PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	400	0	400	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,930	960	970	0	0	0	STP Flex

e. Location to be Determined

PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	400	0	400	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,930	960	970	STP Flex

f. Location to be Determined

DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	0	400	Local Only
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OC11 Traffic Signals at Various Locations



TIP Revision #4 Details:

Decreased funding in FFY 2011 by \$3,045,000, increased funding in FFY 2012 by \$4,090,000, increased funding in 2013 by \$820,000, increased funding in FFY 2014 by \$100,000, increased funding in FFY 2015 by \$820,000, and increased funding in FFY 2016 by \$820,000 to reflect anticipated costs.

Project Description:

Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds left-turn phases, increases signal visibility, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually by a priority listing.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$24,506,000
(May include project costs outside of the 4-year TIP.)

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

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

Phase	FFY 2011						FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category	
	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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)		(x\$1000)
<i>Phase 13</i>																							
CON	0	0	0	3,270	2,625	645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>Phase 14</i>																							
PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	350	280	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	3,865	3,220	645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

OC11 Traffic Signals at Various Locations

Phase 15																			
PLN	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	Local Only	
DES	0	0	0	350	280	70	0	0	0	0	0	0	0	0	0	0	0	STP Flex	
CON	0	0	0	0	0	0	3,846	3,220	626	0	0	0	0	0	0	0	0	STP Flex	
EQP	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	Local Only	
Phase 16																			
PLN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	Local Only	
DES	0	0	0	0	0	0	350	280	70	0	0	0	0	0	0	0	0	STP Flex	
CON	0	0	0	0	0	0	0	0	0	3,126	2,500	626	0	0	0	0	0	STP Flex	
EQP	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	Local Only	
Phase 17																			
PLN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	Local Only	
DES	0	0	0	0	0	0	0	0	0	350	280	70	0	0	0	0	0	STP Flex	
CON	0	0	0	0	0	0	0	0	0	0	0	0	3,846	3,220	626	0	0	STP Flex	
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	Local Only	
Phase 18																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	Local Only	
DES	0	0	0	0	0	0	0	0	0	0	0	0	350	280	70	0	0	STP Flex	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,846	3,220	626	
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
Phase 19																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350	280	70	STP Flex

OC12 Upgrade Pedestrian Signals at Various Locations

Sites are not yet determined.

TIP Revision #4 Details:

In FFY 2012, removed funding for DES (\$30,000) and decreased CON by \$250,000. In FFY 2013, removed funding for DES (\$10,000) and CON (\$100,000) to reflect anticipated costs.

Project Description:

Install and upgrade pedestrian signals islandwide to the new countdown pedestrian signals. The project will also upgrade existing pedestrian push buttons to ADA-compliant push buttons.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$660,000
(May include project costs outside of the 4-year TIP.)

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

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

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		
DES	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	480	360	120	150	0	150	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

FFYs 2011-2014 TIP REVISION #4 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 #3	191,900	78,809	113,091	29,877	75,981	(46,104)	67,537	80,392	(12,855)	135,329	78,235	57,094	76,709	98,077	(21,368)	115,704	99,614	16,090
Revision #4 Changes	(12,311)	(5,345)	(6,966)	3,089	(1,909)	4,998	(17,332)	(7,858)	(9,474)	36,230	24,076	12,154	(52,360)	(36,219)	(16,141)	(52,740)	(48,193)	(4,547)
Total as of Revision #4	179,589	73,464	106,125	32,966	74,072	(41,106)	50,205	72,534	(22,329)	171,559	102,311	69,248	24,349	61,858	(37,509)	62,964	51,421	11,543
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #3	48,979	20,000	28,979	37,202	17,000	20,202	34,152	17,000	17,152	77,267	14,000	63,267	64,463	37,600	26,863	108,829	75,768	33,061
Revision #4 Changes	(10,121)	(5,799)	(4,322)	11,096	11,153	(57)	710	800	(90)	1,060	1,044	16	1,260	1,320	(60)	1,260	1,320	(60)
Total as of Revision #4	38,858	14,201	24,657	48,298	28,153	20,145	34,862	17,800	17,062	78,327	15,044	63,283	65,723	38,920	26,803	110,089	77,088	33,001
TOTAL FHWA	218,447	87,665	130,782	81,264	102,225	(20,961)	85,067	90,334	(5,267)	249,886	117,355	132,531	90,072	100,778	(10,706)	173,053	128,509	44,544
FTA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Revision #4 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #4	0	0	0	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 #3	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 #4 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #4	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	553,492	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

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	12,536	3,008	797	15,280	6,640	27,681
CMAQ	980	838	685	521	345	156
Earmark High Priority	1,600	0	0	0	0	0
Highway Safety Improvement Program	11,393	3,771	900	900	0	0
Interstate Maintenance	4,500	15,020	1,520	38,396	23,600	8,000
Interstate Maintenance Discretionary	0	0	4,300	0	0	0
National Highway System	31,720	49,086	59,860	35,228	10,631	6,979
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	3,200	0	1,890	7,200	17,800	2,600
Transfer from FHWA to FTA	1,920	2,062	2,215	2,379	2,555	2,744
Transportation Enhancement	5,328	0	80	2,120	0	2,974
State of Hawaii - FHWA Total	73,464	74,072	72,534	102,311	61,858	51,421
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	1,200	800	2,000	800	1,280
STP Flexible	13,481	26,953	17,000	13,044	38,120	75,808
City and County of Honolulu - FHWA Total	14,201	28,153	17,800	15,044	38,920	77,088
FHWA TOTAL	87,665	102,225	90,334	117,355	100,778	128,509
Less Discretionary Funds, etc.	(1,600)	0	(4,300)	0	0	0
Less FTA Transfer Funds	(1,920)	(2,062)	(2,215)	(2,379)	(2,555)	(2,744)
FHWA REGULAR FORMULA FUNDS TOTAL	84,145	100,163	83,819	114,976	98,223	125,765

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