

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

PROJECTS AS OF REVISION #3

May 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

**FFYs 2011 - 2014 TRANSPORTATION IMPROVEMENT PROGRAM
PROJECT LISTING AS OF REVISION #3**

PROJECT NUMBER	PROJECT NAME <i>(Sorted by Project Name)</i>	TOTAL AMOUNT PROGRAMMED						ESTIMATED TOTAL PROJECT COST* (x \$1000)
		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	<u>(For information only)</u> FFY 2015 (x \$1000) FFY 2016 (x \$1000)		
FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS1	Castle Hills Access Road Drainage Improvements, Phase II	3,000	0	0	0	0	0	15,500
OS2	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	0	510	0	0	0	10,000	13,000
OS3	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	0	0	0	0	14,000	0	16,000
OS4	Farrington Highway (Route 93), Intersection Improvements, Haleakala Avenue (Route 8743)	5,500	0	0	0	0	0	5,600
OS5	Farrington Highway (Route 93), Intersection Improvements, Nanakuli Avenue (Route 8744)	5,500	0	0	0	0	0	5,600
OS6	Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Makau Street	1,960	0	0	0	0	0	2,390
OS7	Fort Barrette Road (Route 901), Widening, Farrington Highway (Route 9107) to Barber's Point Gate	0	0	0	22,000	0	0	23,500
OS8	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 1C	7,000	0	3,500	0	0	0	58,500
OS9	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A	0	1,900	0	5,000	5,000	0	58,500

* Estimated total project cost may extend beyond the four years of the TIP.

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		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	<u>(For information only)</u> FFY 2015 (x \$1000) FFY 2016 (x \$1000)		
FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS10	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2B	0	0	1,900	0	0	10,000	58,500
OS11	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 3A	0	0	0	0	2,000	0	58,500
OS12	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), System Manager	1,622	0	0	0	0	0	58,500
OS13	Freeway Service Patrol	2,000	2,000	2,000	2,000	2,000	2,000	16,000
OS14	Guardrail and Shoulder Improvements, Various Locations	0	0	2,100	0	250	3,250	5,850
OS15	Interstate Route H-1 and Interstate Route H-2, Destination Sign Upgrade/Replacement	0	2,808	0	0	0	2,704	6,200
OS16	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal	775	0	0	0	0	0	3,000
OS17	Interstate Route H-1, Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp	103,500	0	0	0	0	0	104,000
OS18	Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange	0	0	884	0	0	0	17,000
OS19	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	0	0	0	6,000	0	0	6,500

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		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	<u>(For information only)</u>		
						FFY 2015 (x \$1000)	FFY 2016 (x \$1000)	
FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS20	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	0	0	0	5,200	0	0	5,200
OS21	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	0	0	6,600	0	0	6,240	13,500
OS22	Interstate Route H-1, Kapolei Interchange Complex	6,200	0	21,428	0	0	0	30,000
OS23	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	5,000	0	0	0	0	0	6,000
OS24	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	0	0	0	40,000	0	0	100,000
OS25	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	0	15,000	0	0	0	0	165,000
OS26	Interstate Route H-1, Waiawa Interchange to Halawa Interchange, Widening, Eastbound	0	0	0	0	0	4,326	100,000
OS27	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	0	0	0	0	3,300	0	24,000
OS28	Interstate Route H-3, Safety Improvements, Vicinity of Kamehameha Highway Off-Ramp to Kaneohe Marine Corps Base Hawaii	150	0	1,000	0	0	0	1,150
OS29	Interstate Route H-3, Seismic Retrofit, Halekou Interchange	0	0	0	1,000	0	0	3,500
OS30	Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (Inbound & Outbound)	0	0	0	0	0	600	3,500

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		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	<u>(For information only)</u> FFY 2015 (x \$1000) FFY 2016 (x \$1000)		
FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS31	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) Interchange	0	0	0	0	3,000	0	3,500
OS32	Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station	0	0	0	0	0	1,014	55,000
OS33	Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	0	0	0	9,000	0	0	10,500
OS34	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	0	0	13,000	0	0	0	41,030
OS35	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	0	0	0	900	0	0	41,030
OS36	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III	0	0	0	0	0	800	41,030
OS37	Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge	13,800	0	0	0	0	0	21,000
OS38	Kamehameha Highway, Bridge Rehabilitation, Kawailoa Stream Bridge	920	0	50	0	800	3,401	6,000
OS39	Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge	175	2,600	0	0	0	0	3,700
OS40	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	0	250	0	0	0	4,600	5,500
OS41	Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge	0	0	0	0	0	3,120	4,000

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FHWA - Funded Projects								
<u>State of Hawaii - Sponsored Projects</u>								
OS42	Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	0	0	0	0	0	780	3,000
OS43	Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge	0	50	0	600	0	9,200	10,504
OS44	Kamehameha Highway, Bridge Replacement, Kaunala Stream Bridge	0	0	0	0	0	710	7,300
OS45	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	0	0	0	9,000	0	0	9,000
OS46	Kamehameha Highway, Bridge Replacement, Lauhulu Stream Bridge	0	0	0	0	0	830	10,000
OS47	Kamehameha Highway, Bridge Replacement, Papau Stream (Waipuhi) Bridge	0	0	0	0	0	750	7,000
OS48	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	975	0	0	0	10,800	0	13,000
OS49	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge	1,000	0	0	16,000	0	0	23,000
OS50	Kamehameha Highway, Bridge Replacement, Waiahole Bridge	0	0	0	0	11,000	0	11,500
OS51	Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge	0	250	0	0	0	2,850	10,200
OS52	Kamehameha Highway, Lighting Improvements, Kawaipuna Street to North Punaluu Bridge	0	0	3,400	0	0	0	3,800
OS53	Kamehameha Highway, Realignment, Vicinity of Kawailoa Beach	0	0	0	0	0	2,840	38,000

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS54	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu	0	0	0	0	0	3,936	5,000
OS55	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu	0	0	0	0	0	3,936	5,000
OS56	Kamehameha Highway, Rockfall Protection, Waimea Bay	0	50	450	0	9,500	0	11,100
OS57	Kamehameha Highway, Rockfall Protection, Waimea Bay (Sunset Beach Side)	0	0	0	0	0	7,500	8,000
OS58	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge	1,300	0	0	0	0	0	1,400
OS59	Kamehameha Highway, Safety Improvements, Vicinity of Makao Road to the Vicinity of Haleaha Road	0	1,200	0	0	0	0	1,500
OS60	Kamehameha Highway, Safety Improvements, Vicinity of Pohuehue Road to Waikane Valley Road	200	0	0	1,000	0	0	1,200
OS61	Kamehameha Highway, Safety Improvements, Vicinity of Pualalea Street to Malaekahana and Vicinity of Laie-Maloo Bridge to Hauula Bridge	1,460	0	0	0	0	0	1,600
OS62	Kamehameha Highway, Safety Improvements, Vicinity of Waikane Valley Road to Kahekili Highway	1,574	0	0	0	0	0	2,000
OS63	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	500	0	0	0	0	5,600	6,100
OS64	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	840	0	0	0	0	10,400	11,300

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS65	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	6,000	0	0	0	0	0	7,000
OS66	Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay (Kahekili Highway [Route 83] to Kaalaea Stream)	0	0	0	0	0	1,040	15,000
OS67	Kamehameha Highway, Wetland Enhancement, Vicinity of Ukoa Pond	0	0	0	6,000	0	0	6,500
OS68	Kamehameha Highway, Widening, Lanikuhana Avenue (Route 7042) to Ka Uka Boulevard (Route 7160)	0	0	0	0	0	4,300	130,000
OS69	Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaiian Railway Society Train Station	4,160	0	0	0	0	0	16,160
OS70	Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road	2,500	0	100	2,650	0	3,718	15,800
OS71	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements	0	0	0	5,720	0	0	5,800
OS72	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	0	0	5,616	0	0	0	7,700
OS73	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	0	0	2,250	0	0	0	7,700
OS74	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	0	0	0	0	3,800	0	4,700
OS75	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	0	0	0	0	6,200	0	7,300

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						FFY 2015 (x \$1000)	FFY 2016 (x \$1000)	
FHWA - Funded Projects								
<u>State of Hawaii - Sponsored Projects</u>								
OS76	North-South Road (Kualakai Parkway) (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of the H-1 Freeway, Phase II	0	0	0	0	0	700	200,000
OS77	Pali Highway (Route 61), Rockfall Protection Between the Two Tunnels	0	0	0	0	0	1,300	12,000
OS78	Pali Highway (Route 61), Rockfall Protection, Kailua Side of Kailua-Bound Tunnels	0	0	0	0	1,800	0	26,800
OS79	Recreational Trails Program	359	359	359	359	359	359	2,154
OS80	Vanpool Program, Oahu	2,900	2,900	2,900	2,900	2,900	2,900	26,100
OS81	Vineyard Boulevard (Route 98), Improvements, Vicinity of Queen's Medical Center	11,030	0	0	0	0	0	12,000
State of Hawaii - FHWA Total		191,900	29,877	67,537	135,329	76,709	115,704	1,919,998

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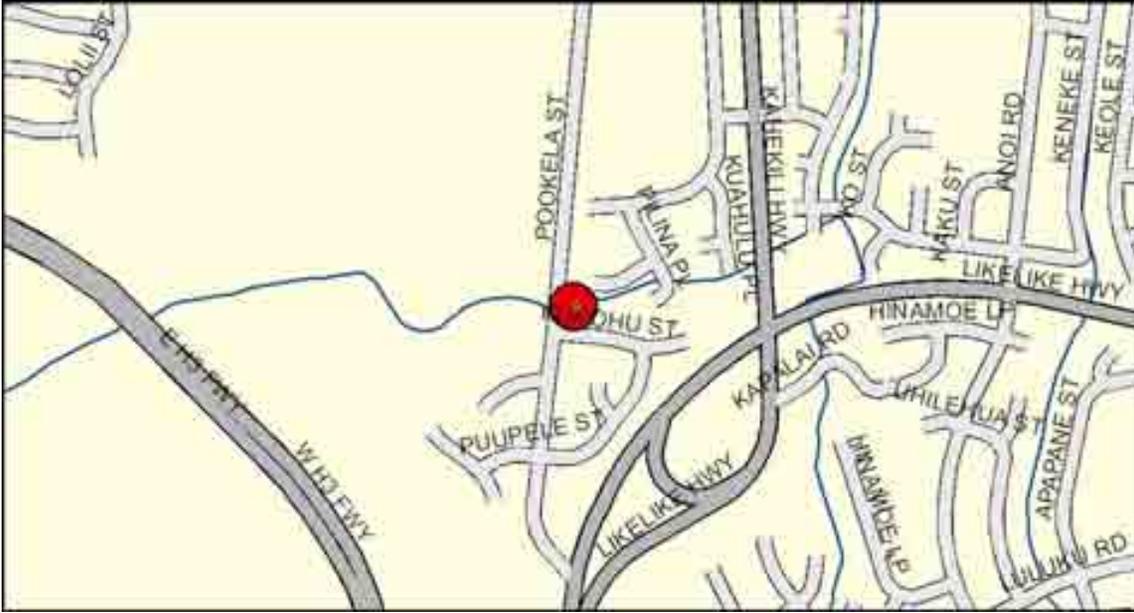
PROJECT NUMBER	PROJECT NAME <i>(Sorted by Project Name)</i>	TOTAL AMOUNT PROGRAMMED						ESTIMATED TOTAL PROJECT COST* (x \$1000)
		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	(For information only)		
						FFY 2015 (x \$1000)	FFY 2016 (x \$1000)	
FHWA - Funded Projects								
<u>City and County of Honolulu - Sponsored Projects</u>								
OC1	Alapai Transit Center Multi-Use Path	810	0	0	0	0	0	810
OC2	Alapai Transportation Management Center	17,077	24,798	21,827	22,187	29,293	25,649	140,831
OC3	Bicycle Projects	2,256	1,701	1,851	2,801	2,751	2,751	14,111
OC4	Bridge Inspection and Appraisal	900	900	1,000	1,000	1,000	1,000	5,800
OC5	Computerized Traffic Control System	3,481	376	3,556	381	3,611	3,611	15,016
OC6	Kapolei Parkway (Route 8920), Kunehi Street to Kamokila Boulevard	18,550	3,530	0	0	0	0	22,080
OC7	Makakilo Drive (Route 8810) Extension	0	0	0	22,550	0	47,410	85,500
OC8	Salt Lake Boulevard (Route 7311), Widening, Maluna Street to Ala Liliko'i Street	0	0	0	22,000	22,000	22,000	66,000
OC9	Seismic Bridge Retrofit	0	600	0	1,500	0	600	2,700
OC10	Traffic Improvements at Various Locations	1,998	1,470	2,430	1,470	2,430	2,430	12,288
OC11	Traffic Signals at Various Locations	3,397	3,397	3,378	3,378	3,378	3,378	20,306
OC12	Upgrade Pedestrian Signals at Various Locations	510	430	110	0	0	0	1,050
City and County of Honolulu - FHWA Total		48,979	37,202	34,152	77,267	64,463	108,829	386,492
FHWA TOTAL		240,879	67,079	101,689	212,596	141,172	224,533	2,306,490

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		FFY 2011 (x \$1000)	FFY 2012 (x \$1000)	FFY 2013 (x \$1000)	FFY 2014 (x \$1000)	<u>(For information only)</u>		(x \$1000)
						FFY 2015 (x \$1000)	FFY 2016 (x \$1000)	
FTA - Funded Projects								
<u>City and County of Honolulu - Sponsored Projects</u>								
OC13	Agency-Provided Trips	230	550	580	610	640	670	3,280
OC14	Bus and Handi-Van Acquisition Program	23,470	18,287	18,737	19,238	19,737	20,237	119,706
OC15	Honolulu High-Capacity Transit Corridor Project	485,000	721,000	1,117,000	999,000	747,000	446,000	5,163,495
OC16	Local Shuttle Service	0	288	281	294	307	320	1,490
OC17	Middle Street Intermodal Center	300	4,310	29,524	29,538	0	0	63,672
OC18	Mobility Management	596	261	272	286	302	321	2,038
OC19	Preventive Maintenance	41,423	43,080	44,803	46,595	48,459	50,397	274,757
OC24	Special Needs Transportation	146	0	0	0	0	0	146
OC20	Transfer to FHWA for Vanpool	1,870	1,945	2,023	2,103	2,187	2,275	12,403
OC21	Transit Safety and Security Projects	457	0	0	0	0	0	457
OC22	West Oahu Bus and Handi-Van Maintenance Facility	0	2,351	6,201	8,004	21,504	34,502	72,562
OC23	Windward Transit Center	0	302	3,353	204	0	0	3,859
City and County of Honolulu - FTA Total		553,492	792,374	1,222,774	1,105,872	840,136	554,722	5,717,865
FTA TOTAL		553,492	792,374	1,222,774	1,105,872	840,136	554,722	5,717,865

* Estimated total project cost may extend beyond the four years of the TIP.

OS1 Castle Hills Access Road Drainage Improvements, Phase II



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: \$15,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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)		
ROW/CON	3,000	2,500	500	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



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: \$13,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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)		
ROW	0	0	0	510	408	102	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	8,000	2,000		Bridge On

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



Project Description:

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

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$16,000,000
 (May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	14,000	5,200	8,800	0	0	0	Bridge On
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	-6,000	Bridge On

OS4 Farrington Highway (Route 93), Intersection Improvements, Haleakala Avenue (Route 8743)



Project Description:

Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, and underground utilities.

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$5,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011-2014												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)	
CON	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Earmark HP
CON	4,500	3,600	900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS5 Farrington Highway (Route 93), Intersection Improvements, Nanakuli Avenue (Route 8744)



Project Description:

Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$5,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	5,500	4,400	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS6 Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Makau Street



Project Description:

Install milled rumble strips on centerline and shoulders, pavement markings, striping and signage on Farrington Highway from Leihoku Street to Makau Street.

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: \$2,390,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)															
CON	1,960	1,764	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP	

OS7 Fort Barrette Road (Route 901), Widening, Farrington Highway (Route 9107) to Barber's Point Gate



Project Description:

Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$23,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011-2014												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)	
CON	0	0	0	0	0	0	0	0	0	22,000	0	22,000	0	0	0	0	0	0	Local Only
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	17,600	-17,600	0	0	0	STP Flex

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



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: \$58,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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)		
<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	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	0	NHS

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



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: \$58,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,900	1,520	380	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	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	IM	

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



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: \$58,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,900	1,520	380	0	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



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: \$58,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	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

The System Manager will be located at the H-3 Control Center.

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: \$58,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,622	1,298	324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS13 Freeway Service Patrol



Project Description:

Operate roving service patrols along the Interstate H-1. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the Honolulu Police Department, Honolulu Fire Department, and Emergency Medical Services at crash scenes and other incidents, assisting sick or injured motorists with basic first aid, and notifying 911 of incidents.

Project Website: <http://www.fsphawaii.com>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$16,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	2,000	1,800	200	NHS

OS14 Guardrail and Shoulder Improvements, Various Locations



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 and 2 informational years.)

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)																										
<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	0	0	0	0	0	0	0	0	0	0	0	HSIP
<i>Phase 2</i>																															
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	0	HSIP	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	2,400	600	0	0	0	HSIP	
<i>Phase 3</i>																															
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	HSIP	

OS15 Interstate Route H-1 and Interstate Route H-2, Destination Sign Upgrade/Replacement



Project Description:

Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1 and H-2.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$6,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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)	
<i>Phase 1</i>																			
CON	0	0	0	2,808	2,246	562	0	0	0	0	0	0	0	0	0	0	0	0	NHS
<i>Phase 2</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,704	2,434	270	NHS

OS16 Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal



Project Description:

Rehabilitate the existing bridge.

Project Website: None

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$3,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2015			FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	775	620	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

OS17 Interstate Route H-1, Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp



Project Description:

Construct an additional lane on Interstate Route H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.

Project Website: None

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$104,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 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)															
DES/CON	93,500	11,000	82,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS
ROW	10,000	9,000	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS
ADVCON	0	0	0	0	45,000	-45,000	0	28,150	-28,150	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

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



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-Moiliili

Estimated Total Project Cost: \$17,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011									FFY 2012									FFY 2013									FFY 2014									FOR INFORMATION ONLY									Funding Category
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			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)	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	884	707	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM																					

OS19 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue



Project Description:

Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.

Project Website: None

Neighborhood(s): Diamond Head-Kapahulu-St. Louis Heights, Kaimuki, McCully-Moiliili, Waialae-Kahala

Estimated Total Project Cost: \$6,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	6,000	5,400	600	0	0	0	0	0	0	IM

OS20 Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)



Project Description:

Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.

Project Website: None

Neighborhood(s): Kalihi-Palama, Downtown, Nuuanu-Punchbowl

Estimated Total Project Cost: \$5,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	5,200	4,680	520	0	0	0	0	0	0	IM

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



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: \$13,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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)	
<i>Phase 1</i>																			
CON	0	0	0	0	0	0	6,600	5,280	1,320	0	0	0	0	0	0	0	0	0	IM
<i>Phase 2</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,240	4,992	1,248	IM

OS22 Interstate Route H-1, Kapolei Interchange Complex



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: \$30,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
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)	
Phase 2																			
CON	1,000	900	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM Discret
CON	5,200	0	5,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
ADVCON	0	0	0	0	4,680	-4,680	0	0	0	0	0	0	0	0	0	0	0	0	NHS
Phase 3																			
CON	0	0	0	0	0	0	3,800	3,400	400	0	0	0	0	0	0	0	0	0	IM Discret
CON	0	0	0	0	0	0	16,200	14,580	1,620	0	0	0	0	0	0	0	0	0	NHS

OS22 Interstate Route H-1, Kapolei Interchange Complex

Phase 4

DES	0	0	0	0	0	0	520	468	52	0	0	0	0	0	0	0	NHS
ROW	0	0	0	0	0	0	208	187	21	0	0	0	0	0	0	0	NHS

Phase 5

DES	0	0	0	0	0	0	500	450	50	0	0	0	0	0	0	0	NHS
ROW	0	0	0	0	0	0	200	180	20	0	0	0	0	0	0	0	NHS

OS23 Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp



Project Description:

Improve operation and capacity on the westbound H-1 Freeway by modifying the weaving movements between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp. Restripe the freeway lanes from the Punahou Street on-ramp to the Pali Highway off-ramp in the westbound direction.

Project Website: None

Neighborhood(s): Makiki-Lower Punchbowl-Tantalus

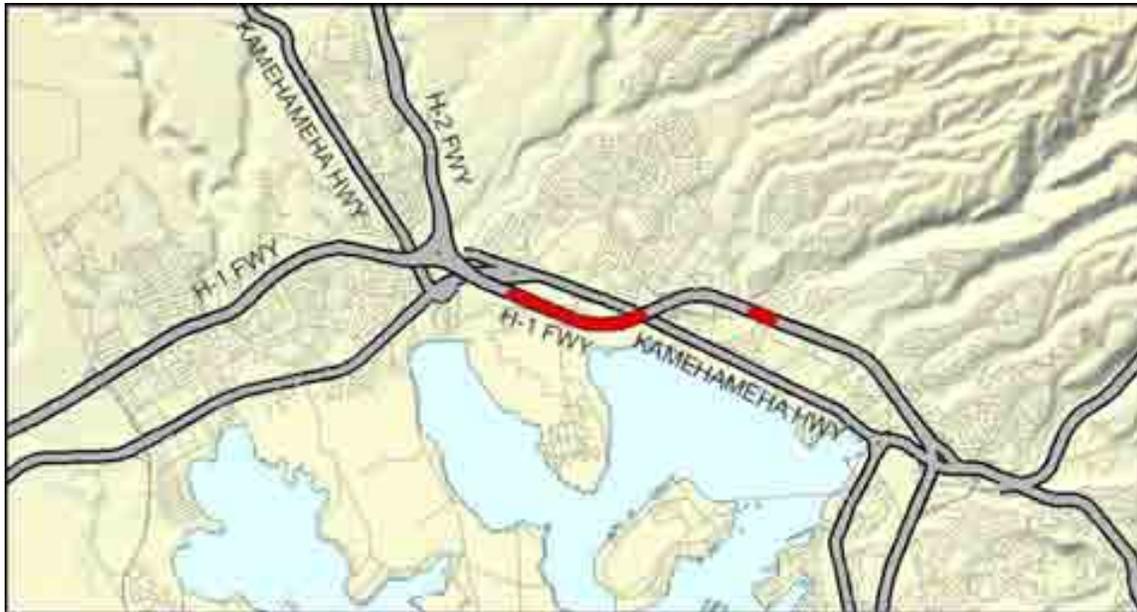
Estimated Total Project Cost: \$6,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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/CON	5,000	4,500	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM

OS24 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2



Project Description:

Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.

Project Website: None

Neighborhood(s): Pearl City, Aiea, Waipahu

Estimated Total Project Cost: \$100,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	40,000	18,000	22,000	0	0	0	0	0	0	IM
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	18,000	-18,000	0	0	0	IM

OS25 Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I



Project Description:

This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. Phase 1 involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele. The PM Contraflow project will construct a new contraflow lane to increase the westbound capacity in the PM peak condition by one lane from Radford Drive overpass to just east of the Waiawa Interchange.

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$165,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category								
	Total	Federal	Local	FFY 2015			FFY 2016																				
	(x\$1000)	Total	Federal	Local	Total	Federal	Local																				
CON	0	0	0	15,000	13,500	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM

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



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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011-2014												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	4,326	3,461	865	NHS

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



Project Description:

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

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$24,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	3,300	2,970	330	0	0	0	NHS

OS28 Interstate Route H-3, Safety Improvements, Vicinity of Kamehameha Highway Off-Ramp to Kaneohe Marine Corps Base Hawaii



Project Description:

Project involves improvements such as the installation of milled rumble strips on shoulders, pavement markings, and signage.

Project Website: None

Neighborhood(s): Kaneohe, Kailua

Estimated Total Project Cost: \$1,150,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	150	135	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	1,000	900	100	0	0	0	0	0	0	0	0	0	HSIP

OS29 Interstate Route H-3, Seismic Retrofit, Halekou Interchange



Project Description:

Retrofit the interchange structure to meet current seismic standards.

Project Website: None

Neighborhood(s): Kaneohe

Estimated Total Project Cost: \$3,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	Bridge On

OS30 Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (Inbound & Outbound)



Project Description:

Retrofit the interchange structure to meet current seismic standards.

Project Website: None

Neighborhood(s): Kailua

Estimated Total Project Cost: \$3,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	600	480	120	Bridge On

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



Project Description:

Retrofit the interchange structure to meet current seismic standards.

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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	3,000	2,400	600	0	0	0	Bridge On

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



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.

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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011-2014									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	1,014	811	203	STP Flex

OS33 Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo



Project Description:

Replace the existing bridge.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: \$10,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	9,000	7,200	1,800	0	0	0	0	0	0	STP Flex

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



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: \$41,030,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	13,000	5,400	7,600	0	0	0	0	0	0	0	0	0	NHS
ADVCON	0	0	0	0	0	0	0	0	0	0	5,000	-5,000	0	0	0	0	0	0	NHS

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



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: \$41,030,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	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



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.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: \$41,030,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011-2014												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	800	640	160	NHS

OS37 Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge



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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$21,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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	13,800	11,040	2,760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

OS38 Kamehameha Highway, Bridge Rehabilitation, Kawailoa Stream Bridge



Project Description:

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

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$6,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category		
	FFY 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	920	736	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On	
PREROW	0	0	0	0	0	0	50	40	10	0	0	0	0	0	0	0	0	0	0	0	Bridge On
ROW	0	0	0	0	0	0	0	0	0	0	0	0	800	640	160	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,401	2,721	680	0	0	Bridge On

OS39 Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge



Project Description:

Rehabilitate the existing concrete slab bridge on Kamehameha Highway (Route 83) in the vicinity of Laie.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$3,700,000
 (May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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)			
ROW	175	140	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On	
CON	0	0	0	2,600	2,080	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

OS40 Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge



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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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)		
ROW	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,600	3,680	920	0	Bridge On

OS41 Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge



Project Description:

Rehabilitate the existing concrete T-bridge on Kamehameha Highway (Route 83) in the vicinity of Hauula.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$4,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

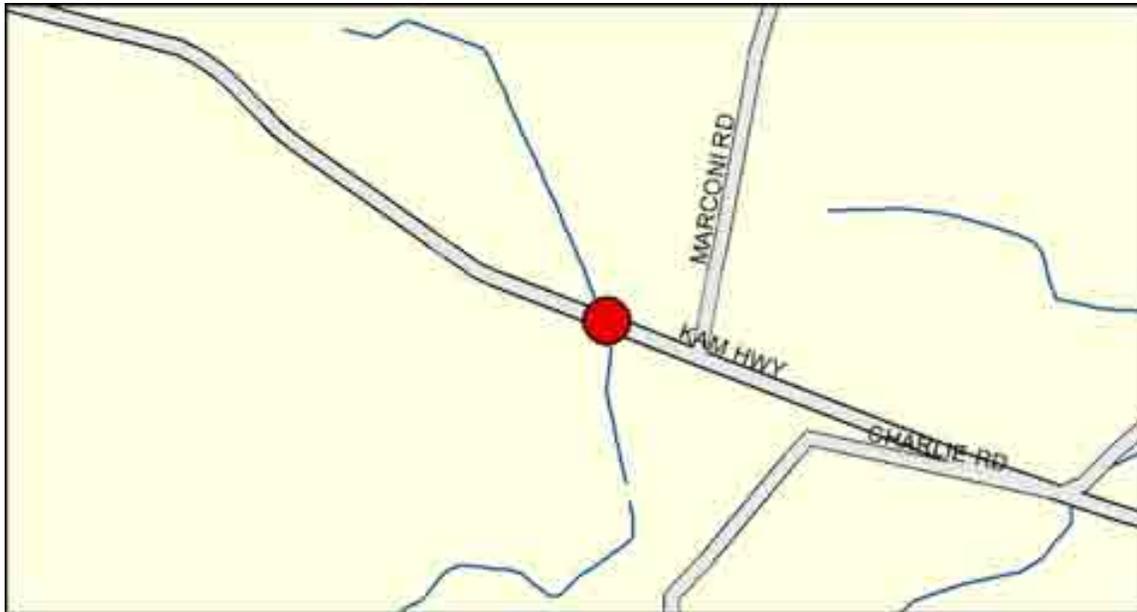
Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,120	2,496	624	Bridge On

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



Project Description:

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$3,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	780	624	156	Bridge On

OS43 Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge



Project Description:

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$10,504,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2015			FFY 2016													
	(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
ROW	0	0	0	0	0	0	0	0	0	600	480	120	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,200	7,360	1,840	Bridge On	

OS44 Kamehameha Highway, Bridge Replacement, Kaunala Stream Bridge



Project Description:

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

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$7,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	710	568	142	Bridge On

OS45 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge



Project Description:
 Replace the existing bridge on Kamehameha Highway (Route 83).
Project Website: None
Neighborhood(s): Koolauloa
Estimated Total Project Cost: \$9,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)
Project Sponsor: State of Hawaii (FHWA Funded)
Agency Responsible for Carrying Out Project/Phase:
 Hawaii Department of Transportation

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	9,000	7,200	1,800	0	0	0	0	0	0	Bridge On

OS46 Kamehameha Highway, Bridge Replacement, Lauhulu Stream Bridge



Project Description:
 Replace the existing bridge on Kamehameha Highway (Route 83).
Project Website: None
Neighborhood(s): North Shore
Estimated Total Project Cost: \$10,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)
Project Sponsor: State of Hawaii (FHWA Funded)
Agency Responsible for Carrying Out Project/Phase:
 Hawaii Department of Transportation

Phase	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	830	664	166	Bridge On

OS47 Kamehameha Highway, Bridge Replacement, Papau Stream (Waipuhi) Bridge



Project Description:

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$7,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	750	600	150	Bridge On

OS48 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge



Project Description:

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

Project Website: None

Neighborhood(s): Koolauloa

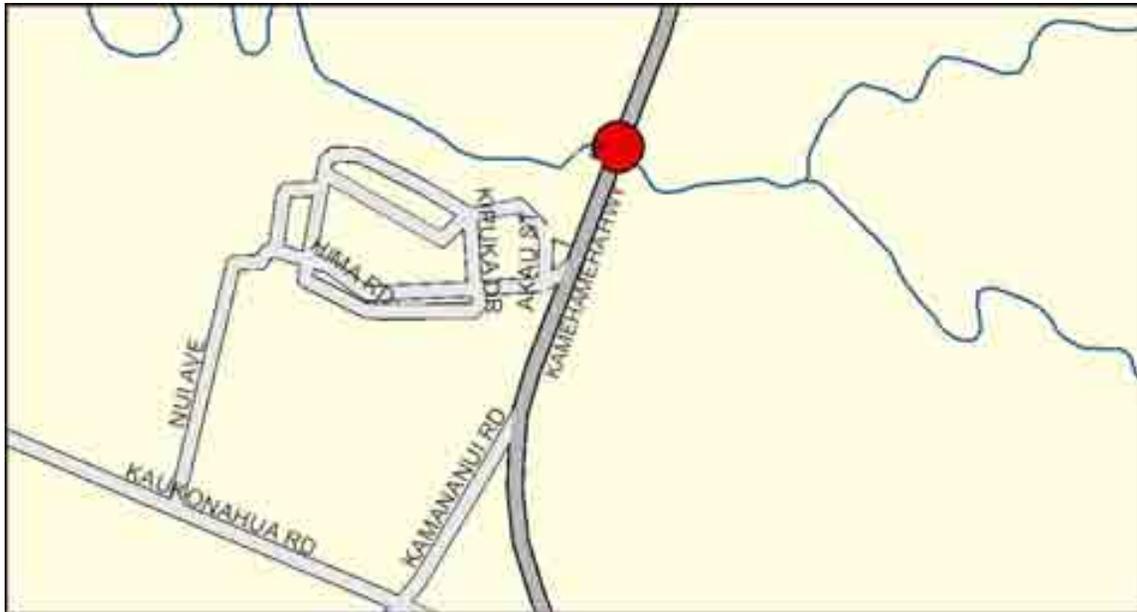
Estimated Total Project Cost: \$13,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category		
	FFY 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)			
ROW	975	780	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On	
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,800	8,640	2,160	0	0	0	0	0	Bridge On

OS49 Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge



Project Description:

Replace the existing multi-girder reinforced bridge on Kamehameha Highway (Route 99) in the vicinity of Wahiawa.

Project Website: None

Neighborhood(s): Wahiawa, North Shore

Estimated Total Project Cost: \$23,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	16,000	6,800	9,200	0	0	0	0	0	0	Bridge On
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	-6,000	0	0	0	Bridge On

OS50 Kamehameha Highway, Bridge Replacement, Waiahole Bridge



Project Description:

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

Project Website: None

Neighborhood(s): Kahaluu

Estimated Total Project Cost: \$11,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	11,000	8,800	2,200	0	0	0	Bridge On

OS51 Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge



Project Description:

Replace 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): Kahaluu

Estimated Total Project Cost: \$10,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY									Funding Category										
	FFY 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)	
ROW	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,850	2,280	570	0	Bridge On

OS52 Kamehameha Highway, Lighting Improvements, Kawaipuna Street to North Punaluu Bridge



Project Description:

Upgrade/replace roadway lighting on Kamehameha Highway (Route 83) from Kawaipuna Street (milepost 20.7) to North Punaluu Bridge (milepost 23.8).

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$3,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	3,400	2,720	680	0	0	0	0	0	0	0	0	0	NHS

OS53 Kamehameha Highway, Realignment, Vicinity of Kawailoa Beach



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.

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$38,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	2,840	2,272	568	NHS

OS54 Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu



Project Description:

Rehabilitate the existing bridge on Kamehameha Highway (Route 99).

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$5,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,936	3,149	787	Bridge On

OS55 Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu



Project Description:

Rehabilitate the existing bridge on Kamehameha Highway (Route 99).

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: \$5,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,936	3,149	787	Bridge On

OS56 Kamehameha Highway, Rockfall Protection, Waimea Bay



Project Description:

Initiate rockfall mitigation measures along Kamehameha Highway (Route 83) at Waimea Bay (milepost 5.4 to milepost 5.52).

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$11,100,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PREROW	0	0	0	50	40	10	0	0	0	0	0	0	0	0	0	0	0	0	NHS
ROW	0	0	0	0	0	0	450	360	90	0	0	0	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	9,500	7,600	1,900	0	0	0	NHS

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



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).

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$8,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,500	6,000	1,500	NHS

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



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: \$1,400,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,300	1,170	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS59 Kamehameha Highway, Safety Improvements, Vicinity of Makao Road to the Vicinity of Haleaha Road



Project Description:

Extend paved shoulder two feet and extend drainage culverts and headwalls. Install milled centerline and shoulder line rumble strips, pavement markings, and signage along Kamehameha Highway (Route 83) from the vicinity of Makao Road to the vicinity of Haleaha Road.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$1,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,200	1,080	120	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS60 Kamehameha Highway, Safety Improvements, Vicinity of Pohuehue Road to Waikane Valley Road



Project Description:

Install milled rumble strips on centerline and shoulders, assess superelevation (to determine treatment) along entire segment, widen shoulders, improve drainage, and install guardrail, end treatments, pavement markings, and signage along Kamehameha Highway (Route 83) from the vicinity of Pohuehue Road (milepost 28.9) to Waikane Valley Road (milepost 33.8).

Project Website: None

Neighborhood(s): Koolauloa, Kahaluu

Estimated Total Project Cost: \$1,200,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FFY 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	200	180	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	0	0	0	1,000	900	100	0	0	0	0	0	0	HSIP

OS61 Kamehameha Highway, Safety Improvements, Vicinity of Pualalea Street to Malaekahana and Vicinity of Laie-Maloo Bridge to Hauula Bridge



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 Pualalea Street to Malaekahana and from the vicinity of Laie-Maloo Bridge to Hauula Bridge.

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: \$1,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,460	1,314	146	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



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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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	1,574	1,417	157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

OS63 Kamehameha Highway, Shoreline Protection, Vicinity of Hauula



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: \$6,100,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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	500	0	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,600	4,480	1,120	NHS

OS64 Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa



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: \$11,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 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)																										
DES	840	0	840	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	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,400	8,320	2,080				NHS	

OS65 Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu



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: \$7,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY												Funding Category						
	FFY 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	6,000	4,800	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

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



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.

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 and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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	1,040	832	208	NHS

OS67 Kamehameha Highway, Wetland Enhancement, Vicinity of Ukoa Pond



Project Description:

Enhance wetlands along Kamehameha Highway (Route 83) near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: \$6,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	6,000	4,800	1,200	0	0	0	0	0	0	NHS

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



Project Description:

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

Project Website: None

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

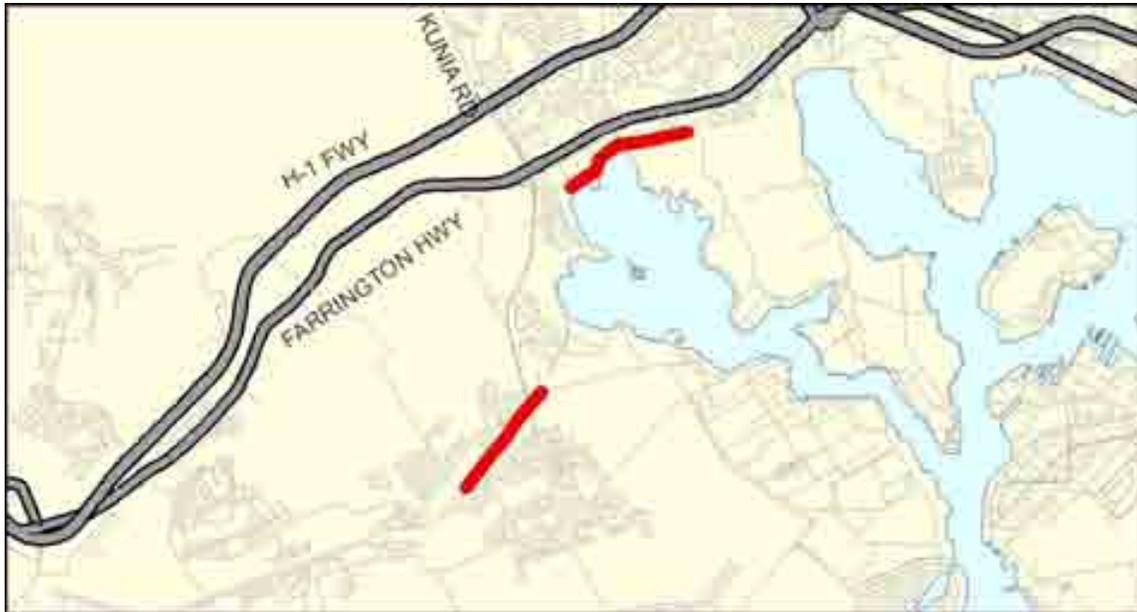
Estimated Total Project Cost: \$130,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,300	3,440	860	NHS

OS69 Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaiian Railway Society Train Station



Project Description:

Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch Bikepath to the Hawaiian Railway Society Train Station.

Project Website: None

Neighborhood(s): Waipahu, Ewa

Estimated Total Project Cost: \$16,160,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FOR INFORMATION ONLY																		Funding Category	
	FFY 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	4,160	3,328	832	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Enhance

OS70 Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road



Project Description:

Improve the bikeway/bike path from the Hawaiian Railway Society Train Station to Lualualei Naval Road.

Project Website: None

Neighborhood(s): Ewa, Makakilo-Kapolei-Honokai Hale, Waianae Coast

Estimated Total Project Cost: \$15,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase										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	2,500	2,000	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Enhance
PREROW	0	0	0	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	Enhance
ROW	0	0	0	0	0	0	0	0	0	2,650	2,120	530	0	0	0	0	0	0	Enhance
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,718	2,974	744	Enhance

OS71 Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements



Project Description:

Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$5,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	5,720	5,148	572	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



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: \$7,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	5,616	4,493	1,123	0	0	0	0	0	0	0	0	0	0	NHS

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



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: \$7,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015		FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	2,250	1,800	450	0	0	0	0	0	0	0	0	0	NHS

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



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.

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 and 2 informational years.)

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	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700	560	140	STP Flex

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



Project Description:

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

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

Estimated Total Project Cost: \$12,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
PLN/DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300	1,040	260	NHS

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



Project Description:

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

Project Website: None

Neighborhood(s): Kaneohe, Kailua

Estimated Total Project Cost: \$26,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	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	1,800	1,440	360	0	0	0	NHS

OS79 Recreational Trails Program



Project Description:

To develop and maintain recreational trails and trail-related facilities on Oahu for both non-motorized and motorized recreational trail uses.

Project Website: None

Neighborhood(s): Islandwide

Estimated Total Project Cost: \$2,154,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
 Department of Land and Natural Resources

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	Rec Trails Prog



Project Description:

Provide qualified users with a State-subsidized van in order to encourage ridesharing and reduce congestion during the peak commuting hours.

Project Website: <http://www.vanpoolhawaii.com>

Neighborhood(s): Islandwide

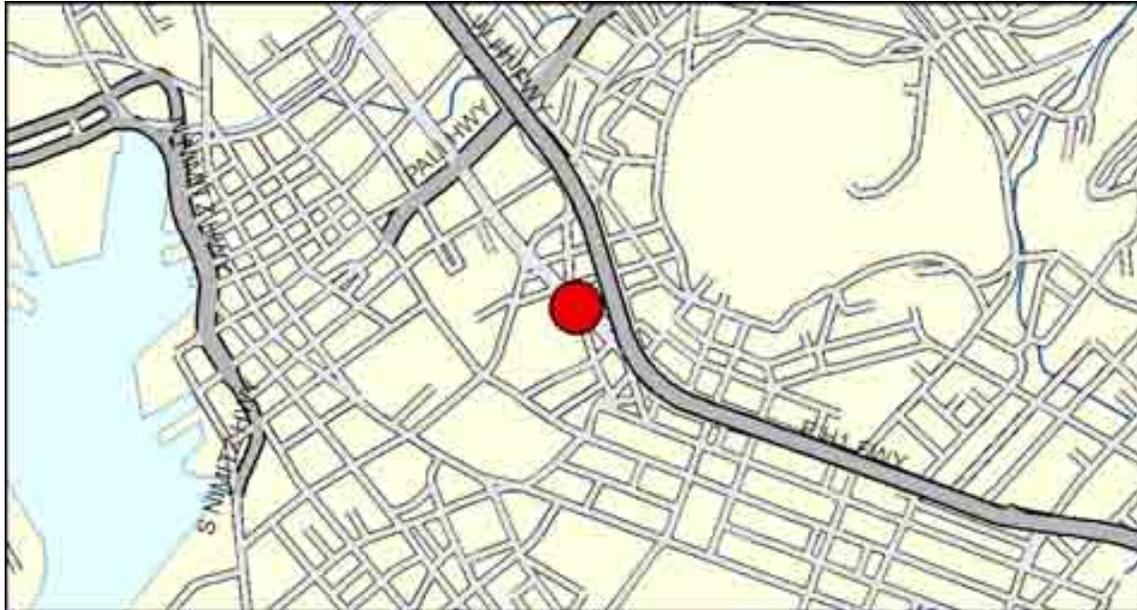
Estimated Total Project Cost: \$26,100,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
OPR	980	980	0	838	838	0	685	685	0	521	521	0	345	345	0	156	156	0	CMAQ
OPR	1,920	1,920	0	2,062	2,062	0	2,215	2,215	0	2,379	2,379	0	2,555	2,555	0	2,744	2,744	0	FHWA X-fer

OS81 Vineyard Boulevard (Route 98), Improvements, Vicinity of Queen's Medical Center



Project Description:

Install a right-turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp.

Project Website: None

Neighborhood(s): Downtown

Estimated Total Project Cost: \$12,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
 Hawaii Department of Transportation (Queen's Medical Center)

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	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	11,000	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

OC1 Alapai Transit Center Multi-Use Path



Project Description:

Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street, and will provide a path for pedestrians and bicyclists.

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: \$810,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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	810	600	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC2 Alapai Transportation Management Center



Project Description:

The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The joint transportation management center will combine transportation management with City, State, and emergency response agencies. The City's Emergency Operations Center will also be relocated to the joint traffic management center. This will enhance agency cooperation and coordination during emergency responses.

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

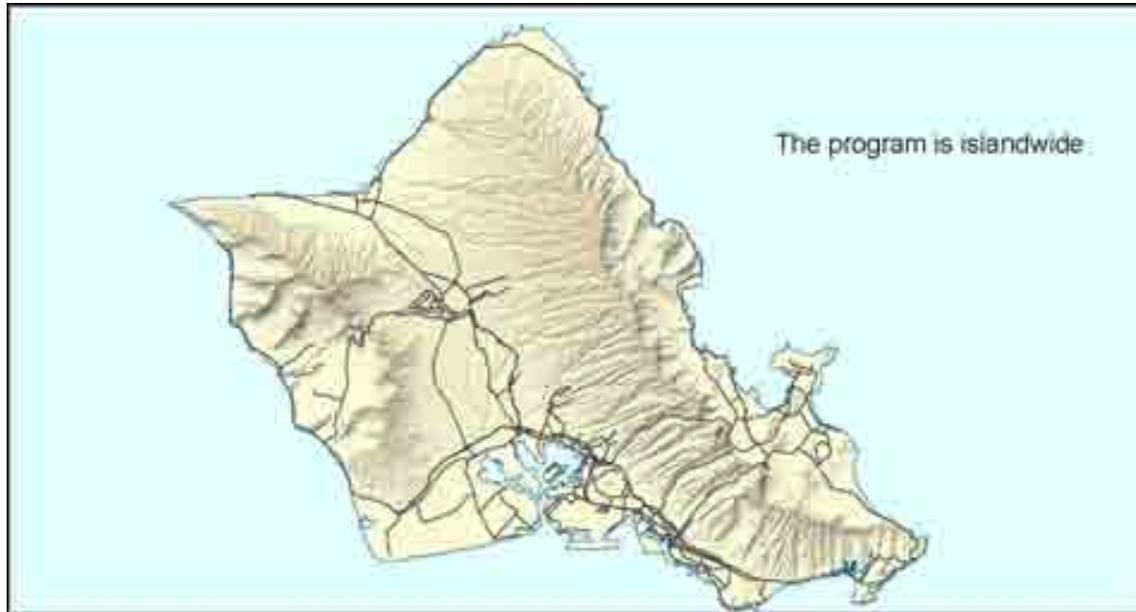
Estimated Total Project Cost: \$140,831,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	3,702	2,672	1,030	3,610	2,880	730	1,000	0	1,000	1,000	0	1,000	5,692	0	5,692	2,049	0	2,049	STP Flex
CON	13,375	0	13,375	21,188	6,480	14,708	20,827	8,480	12,347	21,187	7,120	14,067	23,601	10,760	12,841	23,600	10,760	12,840	STP Flex

OC3 Bicycle Projects



Project Description:

This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle facilities. Project locations are indicated below.

Project Website: <http://www.honolulu.gov/dts/bikeway>

Neighborhood(s): Islandwide

Estimated Total Project Cost: \$14,111,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

Phase	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)	
a. Kalaheo Avenue																			
PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	148	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
ROW	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	2,106	1,556	550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
b. University Avenue, Varsity Place, Makakilo Loop, Hamakua Drive, Maile to Waianae (Valley Route), and Young Street																			
PLN	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
ROW	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	600	0	600	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
c. University Avenue, Varsity Place, Dole Street																			
PLN	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	200	160	40	0	0	0	0	0	0	0	0	0	STP Flex
ROW	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only

OC4 Bridge Inspection and Appraisal



Project Description:

Inventory, inspect, and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation, and preparation of plans for bridge repairs.

Project Website: None

Neighborhood(s): Various Locations

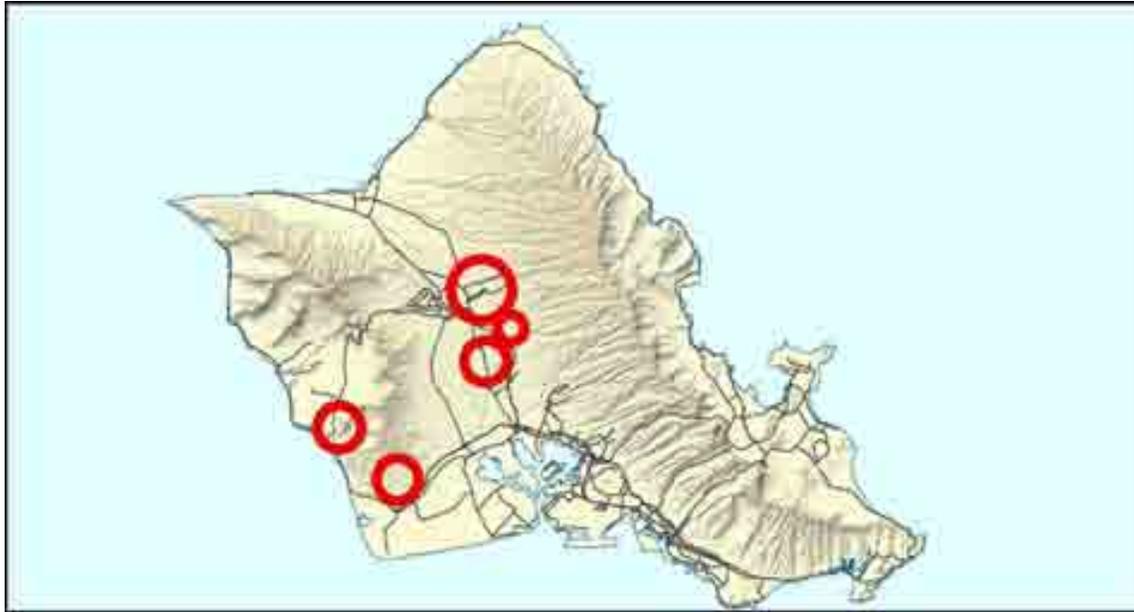
Estimated Total Project Cost: \$5,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

Agency Responsible for Carrying Out Project/Phase:
 City Department of Design and Construction

Phase	FFY 2011						FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total		Federal	Local	Total		Federal	Local														
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	Bridge Off

OC5 Computerized Traffic Control System



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: \$15,016,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

Phase	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)	
Phase 13: Mililani Mauka																			
DES	300	240	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	3,180	2,400	780	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	Local Only
Phase 14: Mililani Town (Part 1)																			
DES	0	0	0	375	300	75	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	Local Only
Phase 15: Mililani Town (Part 2) and Expand Fiber to Wahiawa																			
DES	0	0	0	0	0	0	375	300	75	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	0	0	STP Flex
EQP	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
Phase 16: Wahiawa Town Area																			
DES	0	0	0	0	0	0	0	0	0	380	300	80	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	0	0	Local Only
Phase 17: Makakilo Area and Extend Fiber towards Nanakuli																			

OC5 Computerized Traffic Control System

DES	0	0	0	0	0	0	0	0	0	0	0	380	300	80	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	3,230	2,400	830	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	Local Only
<i>Phase 18: Location Not Yet Determined</i>																		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	380	300	80	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,230	2,400	830	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only

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



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: \$22,080,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

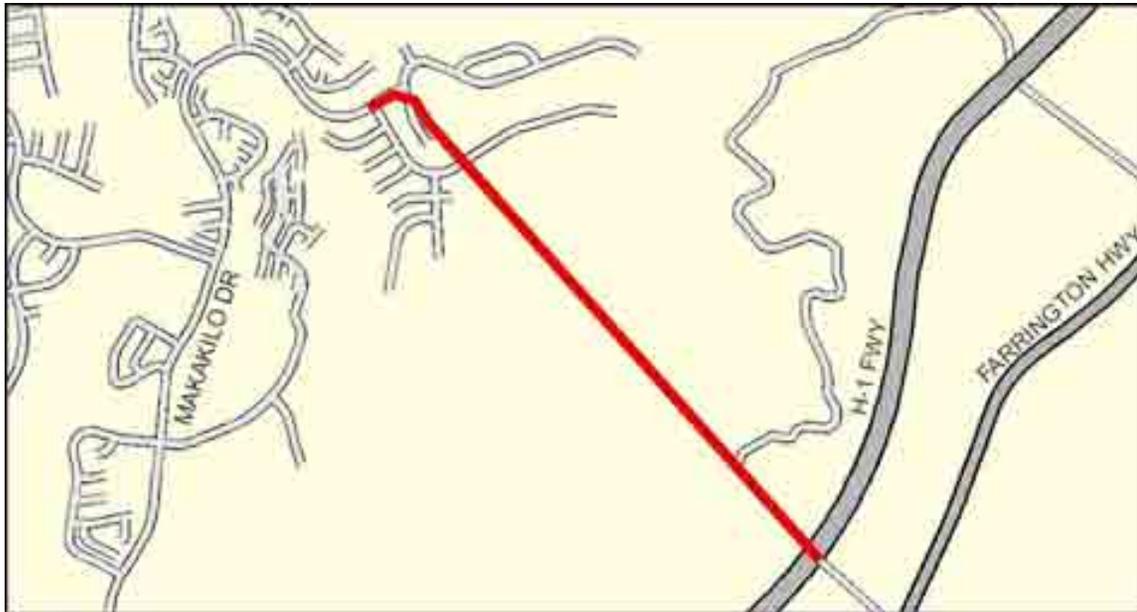
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:

City Department of Transportation Services

Phase	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	4,400	0	4,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	14,149	7,754	6,395	3,530	2,640	890	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC7 Makakilo Drive (Route 8810) Extension



Project Description:

Construct an extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$85,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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)	
<i>Phase 1</i>																			
CON	0	0	0	0	0	0	0	0	0	22,550	0	22,550	0	0	0	0	0	0	Local Only
<i>Phase 2</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,410	37,928	9,482	STP Flex

OC8 Salt Lake Boulevard (Route 7311), Widening, Maluna Street to Ala Lilikoi Street



Project Description:

Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lilikoi Street.

Project Website: None

Neighborhood(s): Aliamanu-Salt Lake-Foster Village

Estimated Total Project Cost: \$66,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

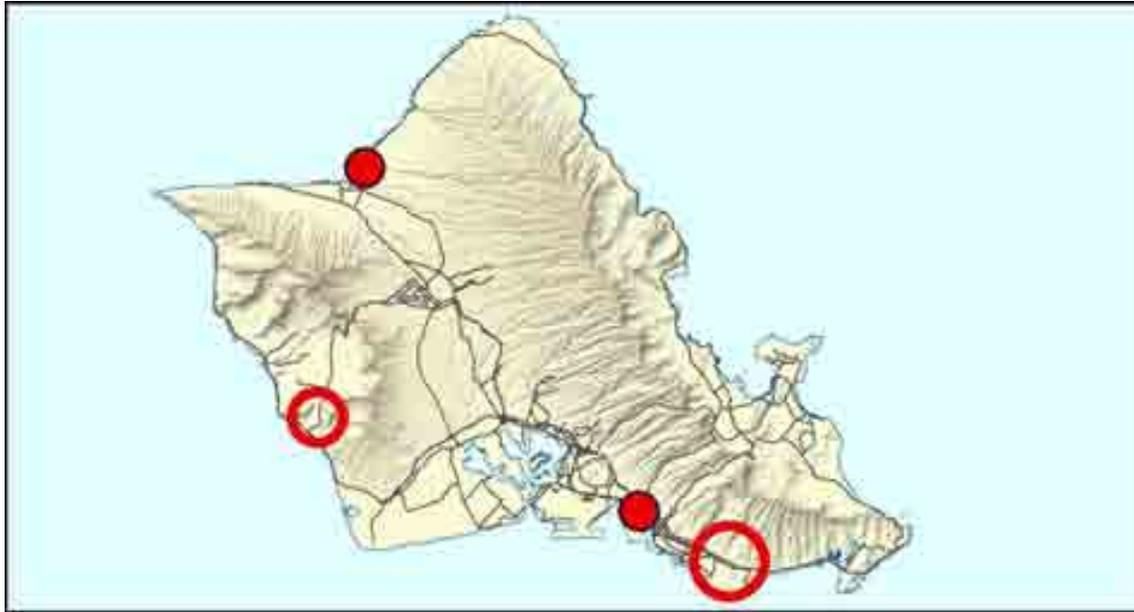
Project Sponsor: City and County of Honolulu (FHWA Funded)

Agency Responsible for Carrying Out Project/Phase:
 City Department of Design and Construction

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	22,000	0	22,000	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	22,000	17,600	4,400	22,000	17,600	4,400	STP Flex

OC10 Traffic Improvements at Various Locations



Project Description:

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

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$12,288,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
<i>a. Location to be Determined</i>																			
PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	447	0	447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
ROW	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	1,548	998	550	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	Local Only
<i>b. Location to be Determined</i>																			
PLN	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	400	0	400	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
ROW	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	970	0	970	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	50	0	50	0	0	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	Local Only
ROW	0	0	0	0	0	0	50	0	50	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	STP Flex

OC10 Traffic Improvements at Various Locations

d. Location to be Determined

PLN	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	Local Only
DES	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	50	0	50	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	970	0	970	0	0	0	0	0	0	STP Flex

e. Location to be Determined

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

f. Location to be Determined

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

OC11 Traffic Signals at Various Locations



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: \$20,306,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011						FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total		Federal	Local	Total		Federal	Local														
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																	
Phase 13																						
CON	3,145	2,500	645	0	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	Local Only	
Phase 14																						
PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
DES	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex	
CON	0	0	0	3,145	2,500	645	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	Local Only	
Phase 15																						
PLN	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
DES	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex	

OC11 Traffic Signals at Various Locations

CON	0	0	0	0	0	0	3,126	2,500	626	0	0	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	0	0	Local Only
<i>Phase 16</i>																				
PLN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	250	200	50	0	0	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	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	Local Only
<i>Phase 17</i>																				
PLN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	3,126	2,500	626	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
<i>Phase 18</i>																				
PLN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,126	2,500	626	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
<i>Phase 19</i>																				
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	STP Flex

OC12 Upgrade Pedestrian Signals at Various Locations

Sites are not yet determined.

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: \$1,050,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 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)																										
DES	30	0	30	30	0	30	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	480	360	120	400	0	400	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex	

OC13 Agency-Provided Trips



Project Description:

Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service. The result of this service by agencies would reduce overall operating costs while improving service quality for riders of both the agency services and those riding TheHandi-Van.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$3,280,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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)	
OPR	0	0	0	194	97	97	194	97	97	202	101	101	212	106	106	316	158	158	\$5316 JARC-Urban
OPR	230	115	115	356	178	178	386	193	193	408	204	204	428	214	214	354	177	177	\$5317 NF-Urban

OC14 Bus and Handi-Van Acquisition Program



Project Description:

Purchase replacement transit buses and Handi-Van vehicles.
 FFY 2011: 35 <30' vehicles + 21-40' buses + 10 >40' buses + 8 45' buses
 FFY 2012: 30 <30' vehicles + 16-40' buses + 8 >40' buses.
 FFY 2013: 30 <30' vehicles + 12-40' buses + 9-60' buses.
 FFY 2014: 25 <30' vehicles + 1-30' bus + 26-40' buses + 1 >40' bus.
 FFY 2015: 30 <30' vehicles + 15-40' buses + 11-45' buses.
 FFY 2016: 30 <30' vehicles + 9-30' buses + 14-40' buses + 5-45' buses.

Project Website: <http://www.thebus.org> and <http://www.honolulu.gov>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$119,706,000
 (May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
EQP	12,740	7,987	4,753	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
EQP	5,713	4,998	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340 TIGGER I
EQP	1,593	1,157	436	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 BC
EQP	3,300	2,138	1,162	2,635	2,168	467	2,812	2,183	629	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	\$5309 FGM
EQP	0	0	0	15,491	0	15,491	15,810	0	15,810	16,326	0	16,326	16,613	0	16,613	17,023	0	17,023	Local Only
INSP	20	18	2	50	45	5	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340 TIGGER I
INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	120	0	120	Local Only



Project Description:

Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.

Total estimated project cost (in year of expenditure dollars) is \$5,163,495,000 (excluding Unallocated Contingency amount of \$184,186,000): ROW = \$125,075,000; PROF SVCS = \$933,589,000; CON = \$3,360,070,000; EQP = \$450,907,000; FINANCE CHARGES = \$290,294,000; REL = \$3,560,000. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant. The estimated local share of total estimated costs (excluding unallocated contingency) is approximately \$3,372,675,000 in year of expenditure dollars. "PROF SVCS" refers to "Professional Services" and includes all services in FTA Standard Cost Category (SCC) 80: Professional, technical, and management services related to the design and construction of the Project during the preliminary engineering, final design and construction phases. Includes environmental work; design; engineering, and architectural services; auditing; legal services; administration and management by agency staff or outside consultants; professional liability insurance and other non-construction insurance; professional services related to real estate and vehicles.

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

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$5,163,495,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

OC15 Honolulu High-Capacity Transit Corridor Project

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
HHCTCP	0	0	0	94,030	30,000	64,030	123,200	31,000	92,200	110,199	31,000	79,199	103,024	32,000	71,024	63,116	33,000	30,116	\$5307/\$5340
HHCTCP	485,000	80,000	405,000	626,970	200,000	426,970	993,800	250,000	743,800	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	\$5309 NS

OC16 Local Shuttle Service



Project Description:

To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low-income persons. Although no funds are programmed in FFY 2011, existing funds will be sufficient to operate the project through FFY 2011 with no break in service.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: \$1,490,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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)	
OPR	0	0	0	172	86	86	160	80	80	168	84	84	176	88	88	184	92	92	\$5316 JARC-Urban
OPR	0	0	0	116	58	58	121	60	61	126	63	63	131	65	66	136	68	68	\$5317 NF-Urban

OC17 Middle Street Intermodal Center



Project Description:

Design, construct, inspect, and provide relocation funds for Phase 2. Phase 2 is the completion of the Handi-Van parking lot, transit center platform, and bus parking, as well as the parking garage. Transit enhancement elements, such as landscaping, signage, artwork, and bicycle and pedestrian access, are included.

Project Website: None

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: \$63,672,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2015			FFY 2016													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
PLN	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only
DES	300	0	300	2,500	0	2,500	200	0	200	200	0	200	0	0	0	0	0	0	0	Local Only
CON	0	0	0	1,810	1,327	483	29,322	23,458	5,864	29,336	23,469	5,867	0	0	0	0	0	0	0	\$5309 BC
EQP	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only

OC18 Mobility Management



Project Description:

Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation. Facilitate partnerships and interagency transportation service agreements for coordinated transportation projects. Develop and manage transportation education and support services, such as a transportation provider directory, travel ambassador program, and a bus buddy program.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$2,038,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)													
EQP	0	0	0	100	80	20	124	99	25	12	10	2	13	10	3	14	11	3	\$5316 JARC-Urban
OPR	496	397	99	153	122	31	148	118	30	274	219	55	289	231	58	245	196	49	\$5316 JARC-Urban
OPR	100	80	20	8	6	2	0	0	0	0	0	0	0	0	0	62	49	13	\$5317 NF-Urban

OC19 Preventive Maintenance



Project Description:

Preventive maintenance of FTA-funded rolling stock (buses and Handi-Vans) includes parts, labor, and other related expenses.

Project Website: <http://www.thebus.org> and <http://www.co.honolulu>.

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$274,757,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
OPR	41,423	21,000	20,423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
OPR	0	0	0	43,080	0	43,080	44,803	0	44,803	46,595	0	46,595	48,459	0	48,459	50,397	0	50,397	Local Only

OC24 Special Needs Transportation



Project Description:

To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours, and weekend service. Pedestrian and bicycle elements are not included in the project's scope.

Project Website: www.honolulurides.org

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$146,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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)	
OPR	146	73	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5317 NF-Urban



Project Description:

Transfer FTA Section 5307 funds to FHWA for the Hawaii Department of Transportation's vanpool program. The funds to be transferred represent the incremental increase in the City and County of Honolulu's Section 5307 apportionment as a result of vanpool operating data reported to FTA's National Transit Database and are used to calculate the City's apportionment.

The State of Hawaii's vanpool program is Project #OS80.

Project Website: <http://www.vanpoolhawaii.com>

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$12,403,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase													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)	
OPR	1,870	1,870	0	1,945	1,945	0	2,023	2,023	0	2,103	2,103	0	2,187	2,187	0	2,275	2,275	0	\$5307/\$5340

OC21 Transit Safety and Security Projects

Sites are not yet determined.

Project Description:

Capital improvement projects at various locations will provide safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: \$457,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2015			FFY 2016												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
PLN	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
EQP	455	365	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340

OC22 West Oahu Bus and Handi-Van Maintenance Facility

Site is not yet determined.

Project Description:

Construct a maintenance facility for the bus and handi-van operations in West Oahu. The site is not yet determined. Current bus and handi-van maintenance facilities are at their maximum capacity. A third facility is required to accommodate any future expansion of the bus and handi-van fleet.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale, Ewa, Waianae Coast

Estimated Total Project Cost: \$72,562,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

Phase	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	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
DES	0	0	0	1,850	0	1,850	4,200	0	4,200	8,000	0	8,000	1	0	1	0	0	0	Local Only
ROW	0	0	0	500	0	500	1,000	0	1,000	1	0	1	1	0	1	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	1	0	1	21,500	17,200	4,300	34,500	27,600	6,900	\$5309 BC
EQP	0	0	0	0	0	0	1,000	0	1,000	0	0	0	0	0	0	0	0	0	Local Only
REL	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	Local Only

OC23 Windward Transit Center

Site is not yet determined.

Project Description:

Construct a transit center in windward Oahu. The site is not yet determined.

Project Website: None

Neighborhood(s): Kailua, Kaneohe, Kahaluu

Estimated Total Project Cost: \$3,859,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

FOR INFORMATION ONLY

Phase	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
PLN	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only
DES	0	0	0	300	0	300	200	0	200	200	0	200	0	0	0	0	0	0	0	Local Only
ROW	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	Local Only
EQP	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only
INSP	0	0	0	0	0	0	150	0	150	1	0	1	0	0	0	0	0	0	0	Local Only

FFYs 2011-2014 TIP REVISION #3 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)															
FHWA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #2	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 #3 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
<u>C&C of Honolulu - Sponsored Projects</u>																		
As of Revision #2	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 #3 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
TOTAL FHWA	240,879	98,809	142,070	67,079	92,981	(25,902)	101,689	97,392	4,297	212,596	92,235	120,361	141,172	135,677	5,495	224,533	175,382	49,151
FTA-FUNDED PROJECTS																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Revision #3 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #3	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 #2	553,569	120,148	433,421	792,247	236,150	556,097	1,222,740	309,291	913,449	1,105,815	309,417	796,398	840,077	254,282	585,795	554,660	265,818	288,842
Revision #3 Changes	(77)	50	(127)	127	(38)	165	34	20	14	57	34	23	59	33	26	62	37	25
Total 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
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

FOR INFORMATION ONLY

	FFY 2011 (x\$1000)	FFY 2012 (x\$1000)	FFY 2013 (x\$1000)	FFY 2014 (x\$1000)	FFY 2015 (x\$1000)	FFY 2016 (x\$1000)
FHWA-FUNDED PROJECTS						
<u>State of Hawaii-Sponsored Projects</u>						
Bridge On-System	13,316	2,928	40	15,280	39,680	41,771
CMAQ	980	838	685	521	345	156
Earmark High Priority	1,600	0	0	0	0	0
Highway Safety Improvement Program	13,980	1,080	2,790	900	200	2,600
Interstate Maintenance	4,500	15,020	7,507	32,080	23,600	12,992
Interstate Maintenance Discretionary	900	0	3,400	0	0	0
National Highway System	33,498	53,766	63,388	17,468	13,810	34,719
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	2,500	0	0	7,200	17,600	1,371
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	78,809	75,981	80,392	78,235	98,077	99,614
<u>City and County of Honolulu-Sponsored Projects</u>						
Bridge Off-System	720	1,200	800	2,000	800	1,280
STP Flexible	19,280	15,800	16,200	12,000	36,800	74,488
City and County of Honolulu - FHWA Total	20,000	17,000	17,000	14,000	37,600	75,768
FHWA TOTAL	98,809	92,981	97,392	92,235	135,677	175,382
Less Discretionary Funds, etc.	(2,500)	0	(3,400)	0	0	0
Less FTA Transfer Funds	(1,920)	(2,062)	(2,215)	(2,379)	(2,555)	(2,744)
FHWA REGULAR FORMULA FUNDS TOTAL	94,389	90,919	91,777	89,856	133,122	172,638

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