FEDERAL FISCAL YEARS 2011 - 2014
TRANSPORTATION IMPROVEMENT PROGRAM

PROJECTS AS OF REVISION #25

September 2013

Oahu Metropolitan Planning Organization
707 Richards Street, Suite 200
Honolulu, Hawaii 96813-4623
(808) 587-2015
www.OahuMPO.org

ABBREVIATIONS

§	Section
§5307	Urbanized Area Formula Program (funding category)
§5309 BC	Bus and Bus-Related Facilities (funding category)
§5309 FGM	Fixed Guideway Modernization (funding category)
§5309 NS	New Starts (funding category)
§5316	Job Access Reverse Commute Program (JARC) (funding category)
§5317	New Freedom Program (funding category)
§5340	Growing States and High Density States Formula Program (funding category)
3-C	Continuing, Cooperative, Comprehensive
ADA	Americans with Disabilities Act
ADVCON	Advance Construction Reimbursement
Bridge Off	Bridge Off-System (funding category)
Bridge On/Off	Bridge On/Off-System (funding category)
CAC	OahuMPO Citizen Advisory Committee
CMAQ	Congestion Mitigation and Air Quality Improvement Program (funding category)
CON	Construction (phase)
DES	Design (phase)
Discret	Discretionary Funds (funding category)
DTS	City and County of Honolulu Department of Transportation Services
Enhance	Transportation Enhancement Program (funding category)
EQP	Equipment (phase)
Ferry Boat Discret	Ferry Boat Discretionary (funding category)
FFY	Federal Fiscal Year (October - September)
FHWA	Federal Highway Administration
FHWA X-fer	FHWA transfer of funds from FTA
FTA	Federal Transit Administration
HDOT	Hawaii Department of Transportation
HHCTCP	Honolulu High-Capacity Transit Corridor Project
HP	High Priority Projects Program (funding category)
HR	House Report
HSIP	Highway Safety Improvement Program (funding category)
IM	Interstate Maintenance (funding category)
INSP	Inspection (phase)
JARC	Job Access and Reverse Commute Program (funding category)
Local Only	Funded with State or City funds (funding category)
NF	New Freedom Program (funding category)
NHS	National Highway System (funding category)
NTD	National Transit Database
OahuMPO	Oahu Metropolitan Planning Organization
OPR	Operations (phase)
ORTP	Oahu Regional Transportation Plan
PLN	Planning (phase)
PREROW	Pre-Right-of-Way (phase)
PROF SVCS	Professional Services

Rec Trails Prog	Recreational Trails Program (funding category)
REL	Relocation (phase)
ROW	Right-of-Way (phase)
RY	Report Year
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users
SmUrb	Small Urban
SOGR	State of Good Repair Grant
STIC	Small Transit Intensive Cities
STIP	Statewide Transportation Improvement Program
STP Flex	Surface Transportation Program Flexible funds (funding category)
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 #25

PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2011 (x $1000)	FFY 2012 (x $1000)	FFY 2013 (x $1000)	FFY 2014 (x $1000)	(For information only) FFY 2015 (x $1000)	FFY 2016 (x $1000)	ESTIMATED TOTAL PROJECT COST* (x $1000)
FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS87	Bridge and Pavement Improvement Program, Oahu	17,000	48,000	43,600	56,800	36,400	36,400	237,800
OS1	Castle Hills Access Road Drainage Improvements, Phase II	4,300	0	0	0	0	0	16,800
OS2	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	0	0	0	551	0	0	13,400
OS3	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	0	0	0	0	13,500	0	16,560
OS82	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A	0	0	0	17,305	0	0	20,000
OS4	Farrington Highway (Route 93), Intersection Improvements, Haleakala Avenue (Route 8743)	0	0	8,840	0	0	0	10,600
OS5	Farrington Highway (Route 93), Intersection Improvements, Nanakuli Avenue (Route 8744)	0	0	8,840	0	0	0	10,600
OS6	Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Kili Drive	1,960	0	0	0	0	0	2,390
OS8	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 1C	7,000	0	0	3,500	0	0	61,500
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	61,500

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

PROJECT NUMBER	PROJECT NAME *(Sorted by Project Name)*	TOTAL AMOUNT PROGRAMMED FFY 2011 (x $1000)	FFY 2012 (x $1000)	FFY 2013 (x $1000)	FFY 2014 (x $1000)	(For information only) FFY 2015 (x $1000)	FFY 2016 (x $1000)	ESTIMATED TOTAL PROJECT COST* (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	0	1,940	0	10,000	64,000
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	64,000
OS12	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), System Manager	4,000	0	0	2,500	0	0	64,000
OS13	Freeway Service Patrol	2,000	2,000	3,500	3,500	3,500	3,500	18,000
OS14	Guardrail and Shoulder Improvements, Various Locations	0	0	0	2,142	250	3,250	5,850
OS15	Interstate Route H-1 and Interstate Route H-2, and Route H-201 Destination Sign Upgrade/Replacement	0	4,500	0	0	0	2,704	8,200
OS93	Interstate Route H-1 Safety Improvements, Beginning of H-1 (Palailai Interchange) to Waiawa Overpass	0	0	0	500	0	0	4,500
OS16	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal, Halona Street Bridge	775	0	0	0	0	0	3,000
OS88	Interstate Route H-1, Corridor Study	0	2,500	0	0	0	0	2,500
OS18	Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange	0	0	0	920	0	0	17,000

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS19	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	0	0	0	0	6,240	0	6,750
OS20	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	0	0	0	0	5,410	0	5,700
OS21	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	0	0	0	6,860	0	0	14,000
OS83	Interstate Route H-1, Installation of Access Control, Makakilo Interchange to Vicinity of H-1/H-2 Interchange	2,500	0	0	0	0	0	2,750
OS22	Interstate Route H-1, Kapolei Interchange Complex	0	0	0	50,000	1,540	0	60,000
OS23	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	0	0	0	0	5,850	0	6,750
OS24	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	0	0	0	0	0	23,250	100,000
OS25	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	0	0	0	0	0	17,525	167,000
OS90	Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue	0	0	35,000	0	0	0	36,000
OS27	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	0	0	0	0	0	3,432	24,000

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS28	Interstate Route H-3, Safety Improvements, Vicinity of Kamehameha Highway Off-Ramp to Kaneohe Marine Corps Base Hawaii	150	0	1,600	0	0	0	1,750
OS29	Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2, and 3	0	0	0	0	0	1,080	3,500
OS92	ITS Operation and Maintenance	0	0	0	285	285	285	1,000
OS84	Kalanianaole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	0	0	0	0	2,703	0	3,283
OS33	Kalanianaole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	0	0	0	0	9,360	0	10,900
OS34	Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	0	0	0	13,520	0	0	41,630
OS35	Kalanianaole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	0	0	0	900	0	0	41,630
OS94	Kamehameha Highway (Route 80), Repair and Repaint of Karsten Thot Bridge	0	0	0	8,100	0	0	9,000
OS40	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	0	0	0	102	275	0	5,600
OS37	Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge	0	0	0	0	16,225	0	22,000
OS43	Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge	0	0	0	53	612	0	11,000

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS45	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	0	0	0	0	0	9,735	10,700
OS39	Kamehameha Highway, Bridge Replacement, Laieloa Stream Bridge	0	0	189	0	8,775	0	9,500
OS48	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	0	100	0	965	0	0	14,000
OS49	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge	0	0	0	102	1,125	17,300	24,600
OS50	Kamehameha Highway, Bridge Replacement, Waiahole Stream Bridge	0	0	0	0	648	11,253	13,000
OS51	Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge	0	100	0	265	0	0	8,000
OS41	Kamehameha Highway, Bridge Replacement, Waipilopilo Stream Bridge	200	0	260	0	0	0	10,000
OS56	Kamehameha Highway, Rockfall Protection, Waimea Bay	0	50	0	460	0	9,690	11,100
OS58	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaaawa Bridge	0	0	0	1,560	0	0	1,650
OS62	Kamehameha Highway, Safety Improvements, Kahekili Highway to Vicinity of Waikane Valley Road	0	0	0	2,500	0	0	3,000
OS60	Kamehameha Highway, Safety Improvements, Vicinity of Pohuehue Road to Waikane Valley Road	200	0	0	1,000	0	0	1,200
OS63	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	700	0	0	0	0	0	6,500

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS64	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	700	0	0	0	0	0	11,800
OS65	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	0	0	0	0	6,885	0	7,750
OS67	Kamehameha Highway, Wetland Enhancement, Vicinity of Ukoa Pond	0	0	0	0	6,240	0	6,750
OS91	Kualakai Parkway (Route 8930) Extension	0	0	0	0	17,000	0	20,000
OS69	Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaiian Railway Society Train Station	0	0	0	9,020	0	0	19,000
OS70	Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road	2,500	0	0	102	2,750	0	19,000
OS71	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements	0	0	0	0	6,000	0	6,200
OS72	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	0	0	0	0	6,000	0	8,500
OS73	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	0	0	0	2,340	0	0	8,500
OS74	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	0	0	0	0	0	3,950	4,800
OS75	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	0	0	0	0	0	6,450	7,300
OS79	Recreational Trails Program	359	359	359	359	359	359	2,154

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FHWA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS81	Vineyard Boulevard (Route 98), Improvements, Vicinity of Queen's Medical Center	0	0	12,532	0	0	0	13,000
	State of Hawaii - FHWA Total	**44,344**	**59,509**	**114,720**	**193,151**	**164,932**	**160,163**	**1,524,447**

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FHWA - Funded Projects								
City and County of Honolulu - Sponsored Projects								
OC1	Alapai Transit Center Multi-Use Path	210	0	0	0	0	0	210
OC2	Alapai Transportation Management Center	17,875	5,000	7,001	17,110	22,974	24,908	94,868
OC3	Bicycle Projects	2,256	946	1,182	1,271	1,492	2,252	9,399
OC4	Bridge Inspection and Appraisal	900	900	1,000	1,000	1,000	1,000	5,800
OC5	Computerized Traffic Control System	251	3,682	1	0	0	3,805	7,739
OC6	Kapolei Parkway (Route 8920), Kunehi Street to Kamokila Boulevard	16,402	3,937	2,200	0	0	0	22,539
OC25	Kuakini Street Extension	0	20	2,825	0	0	0	2,845
OC7	Makakilo Drive (Route 8810) Extension	0	0	0	0	23,452	0	85,500
OC8	Salt Lake Boulevard (Route 7311), Widening, Maluna Street to Ala Lilikoi Street	0	0	0	22,000	22,000	22,000	66,000
OC9	Seismic Bridge Retrofit	0	0	0	1,500	0	600	2,100
OC10	Traffic Improvements at Various Locations	300	1	1,968	4,028	3,930	4,315	14,542
OC30	Traffic Signal Maintenance Facility	0	0	5,002	80	0	0	5,082
OC26	Traffic Signal Optimization	0	1,470	0	0	0	0	1,470
OC11	Traffic Signals at Various Locations	352	3,701	4,760	3,452	3,617	4,366	20,248
OC12	Upgrade Pedestrian Signals at Various Locations	510	150	0	0	0	0	660
	City and County of Honolulu - FHWA Total	**39,056**	**19,807**	**25,939**	**50,441**	**78,465**	**63,246**	**339,002**

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FHWA - Funded Projects								
	FHWA TOTAL	**83,400**	**79,316**	**140,659**	**243,592**	**243,397**	**223,409**	**1,863,449**

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FTA - Funded Projects								
State of Hawaii - Sponsored Projects								
OS85	JARC (Small Urban)	175	140	140	0	0	0	455
OS86	New Freedom (Small Urban)	144	120	232	0	0	0	496
OS95	Transportation Assistance for Elderly and Disabled	0	0	875	901	928	956	3,661
	State of Hawaii - FTA Total	**319**	**260**	**1,247**	**901**	**928**	**956**	**4,612**

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FTA - Funded Projects								
City and County of Honolulu - Sponsored Projects								
OC13	Agency-Provided Trips	230	422	426	610	640	670	2,998
OC14	Bus and Handi-Van Acquisition Program	8,273	26,685	44,203	19,119	19,614	20,237	138,131
OC27	Bus Stop ADA Access Improvements	0	0	898	598	598	598	2,692
OC28	Bus Stop Pad Improvements	0	0	975	925	524	524	2,948
OC29	Bus Stop Site Improvements	0	0	832	505	501	501	2,339
OC15	Honolulu High-Capacity Transit Corridor Project	80,900	0	1,695,450	888,801	747,000	446,000	5,163,495
OC16	Local Shuttle Service	0	190	273	168	176	184	991
OC17	Middle Street Intermodal Center	300	0	0	0	4,310	29,524	34,134
OC18	Mobility Management	596	372	372	286	302	321	2,249
OC19	Preventive Maintenance	0	88,664	43,879	46,595	48,459	50,397	277,994
OC24	Special Needs Transportation	146	0	0	0	0	0	146
OC21	Transit Safety and Security Projects	2	457	1,170	416	416	416	2,877
OC22	West Oahu Bus and Handi-Van Maintenance Facility	0	0	0	2,051	8,004	21,504	31,559
OC23	Windward Transit Center	0	0	0	3,353	204	0	3,557
	City and County of Honolulu - FTA Total	**90,447**	**116,790**	**1,788,478**	**963,427**	**830,748**	**570,876**	**5,666,110**
	FTA TOTAL	**90,766**	**117,050**	**1,789,725**	**964,328**	**831,676**	**571,832**	**5,670,722**

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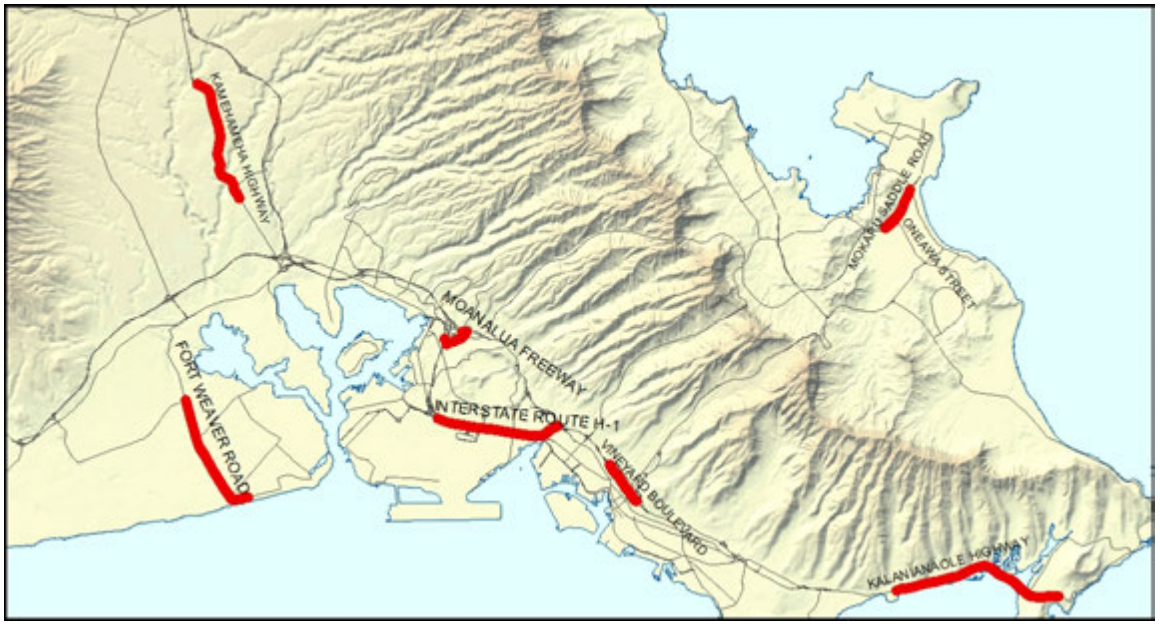
OS87 Bridge and Pavement Improvement Program, Oahu



Project Description:
This is an ongoing islandwide program for the system maintenance of highway bridges and pavements. The Special Maintenance Program (SMP) is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing, pavement, and bridge preservation projects (System Preservation). Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation, and/or preservation. Yearly lump sum amounts represent total SMP State funding levels anticipated for the Oahu program. The current list of prioritized proposed SMP projects, for Oahu, has been posted on the OahuMPO website at: http://www.oahumpo.org/programs/tipcurrent.html. Qualified and priority SMP projects could receive federal funds should they become available.

Project Website: http://hidot.hawaii.gov/highways/other/other-related

Neighborhood(s): Various Locations

Estimated Total Project Cost: $237,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

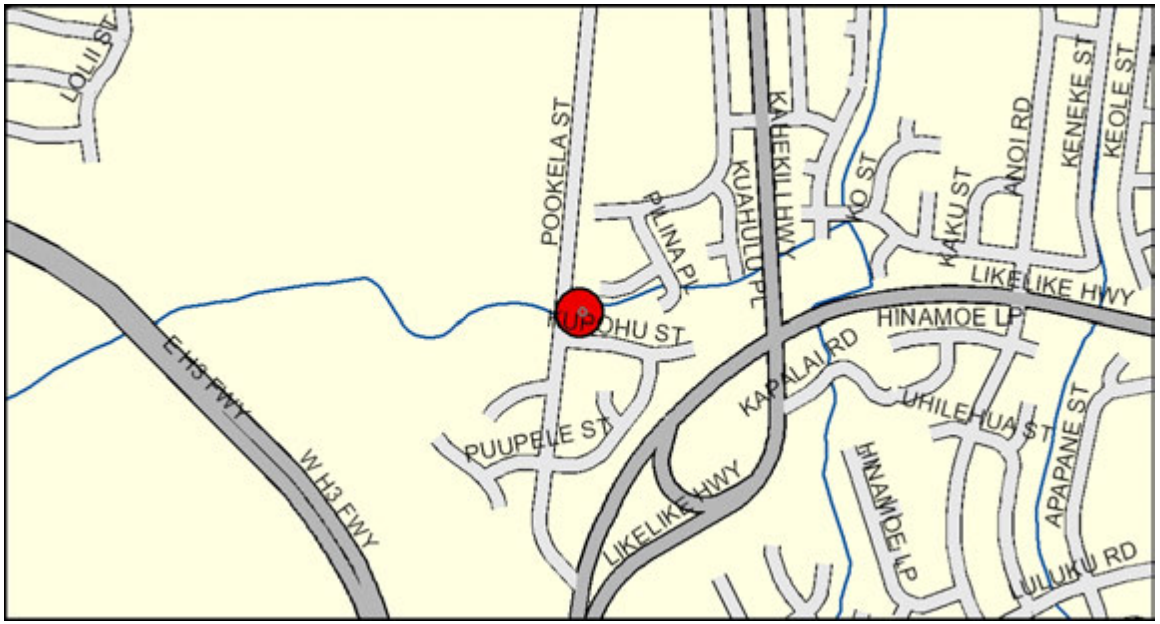
Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
a. Fort Weaver Road (Route 76), Pavement Preservation, Popoi Place to Renton Road (MP 0.00 - 3.99) - Cold plane; resurface; reconstruct weakened pavement areas; install signs, pavement marking and striping, milled rumble strips, and loop detectors; and adjust manholes. The scope of the project does not include bicycle or pedestrian elements.																			
CON	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
b. Interstate Route H-1, Airport Viaduct Improvements, Valkenburg Street to Middle Street																			
CON	0	0	0	30,000	24,000	6,000	0	0	0	0	0	0	0	0	0	0	0	0	IM
c. Interstate Route H-1, Deck Repair, Salt Lake Viaduct, Eastbound - Replace the concrete deck. The scope of the project does not include bicycle or pedestrian elements.																			
CON	3,500	3,150	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off

OS87 Bridge and Pavement Improvement Program, Oahu

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
d. Kahuapaani Street (Route 7241), Resurfacing, Salt Lake Boulevard to Moanalua Freeway (MP 0.00 - 0.80) - Cold plane and pave; replace existing guardrails and end treatments; upgrade bridge railing end post; install pavement markings and reflective markers; upgrade crash attenuators; replace detectable warnings; and upgrade a curb ramp. This project will improve pedestrian and bicycle elements, such as an existing curb ramp.																			
CON	0	0	0	8,250	6,600	1,650	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
e. Kalanianaole Highway (Route 72) Resurfacing, Hanauma Bay Road to West Hind Drive																			
CON	0	0	0	0	0	0	14,000	11,200	2,800	0	0	0	0	0	0	0	0	0	NHS
f. Kamehameha Highway (Route 83) Resurfacing, Waihau Street to Ka Uka Boulevard																			
CON	0	0	0	0	0	0	0	0	0	20,400	16,320	4,080	0	0	0	0	0	0	NHS
g. Mokapu Saddle Road (Route 65), Resurfacing, Kapaa Quarry Road to Kalaheo Avenue (MP 3.00 - 4.15) - Resurface, replace damaged curb and gutter; construct drainage structures; adjust utility manholes and pull boxes; upgrade guardrails; install concrete bus pads, curb ramps, sidewalks, underdrains, landscaping, irrigations, loop detectors, and striping and pavement markings. This project will improve pedestrian and bicycle elements, such as curb ramps and sidewalks.																			
CON	8,500	6,800	1,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
h. Vineyard Boulevard (Route 98) Resurfacing, Palama Street to Punchbowl Street (MP 0 - 1.76)																			
CON	0	0	0	9,750	500	9,250	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	7,300	-7,300	0	0	0	0	0	0	0	0	0	STP Flex
i. Locations Not Yet Determined																			
CON	0	0	0	0	0	0	29,600	0	29,600	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM/NHS/STP Flex

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: $16,800,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
ROW/CON	4,300	3,200	1,100	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: $13,400,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
ROW	0	0	0	0	0	0	0	0	0	551	441	110	0	0	0	0	0	0	Bridge On/Off

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.

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

Project Website: None

Neighborhood(s): Nanakuli-Maili

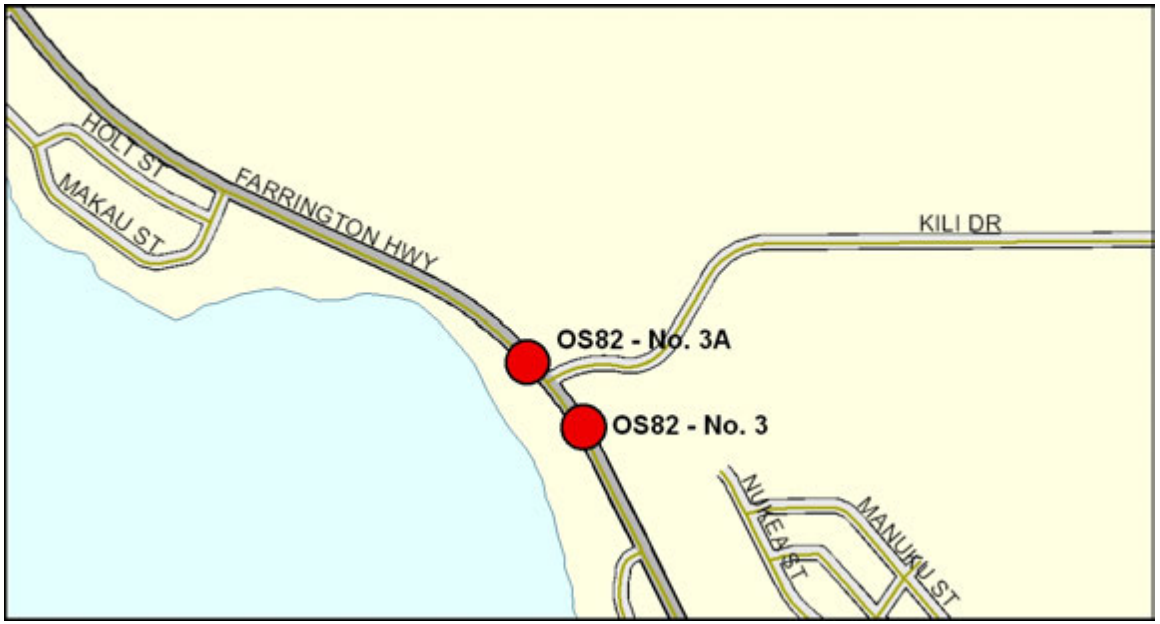
Estimated Total Project Cost: $16,560,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	13,500	5,000	8,500	0	0	0	Bridge On/Off
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,800	-5,800	Bridge On/Off

OS82 Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A



Project Description:
Replace a timber bridge in the vicinity of Makaha Beach Park. The scope includes widening paved shoulders from 3 feet on the makai side and 1 foot on the mauka side to 10 feet on each side to accommodate bicyclists and pedestrians.

Project Website: None

Neighborhood(s): Waianae Coast

Estimated Total Project Cost: $20,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
ROW	0	0	0	0	0	0	0	0	0	1,080	864	216	0	0	0	0	0	0	Bridge On/Off
CON	0	0	0	0	0	0	0	0	0	16,225	1,000	15,225	0	0	0	0	0	0	Bridge On/Off
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	11,980	-11,980	0	0	0	Bridge On/Off

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): Nanakuli-Maili

Estimated Total Project Cost: $10,600,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	4,720	4,248	472	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	3,120	1,000	2,120	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
ADVCON	0	0	0	0	0	0	0	0	0	0	1,496	-1,496	0	0	0	0	0	0	STP Flex

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): Nanakuli-Maili

Estimated Total Project Cost: $10,600,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	5,720	5,148	572	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	3,120	1,000	2,120	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
ADVCON	0	0	0	0	0	0	0	0	0	0	1,496	-1,496	0	0	0	0	0	0	STP Flex

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

Project Description:
Install milled rumble strips on centerline and shoulders, pavement markings, striping, and signage on Farrington Highway from Leihoku Street to Kili Drive.

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

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

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: $61,500,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Part 1																			
CON	7,000	5,600	1,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS
Part 2																			
CON	0	0	0	0	0	0	0	0	0	3,500	800	2,700	0	0	0	0	0	0	NHS
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	-2,000	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: $61,500,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	1,900	1,520	380	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	1,000	4,000	0	0	0	0	0	0	IM
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	-3,000	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	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: $64,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	1,940	1,552	388	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: $64,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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: $64,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	4,000	3,200	800	0	0	0	0	0	0	2,500	2,250	250	0	0	0	0	0	0	NHS

OS13 Freeway Service Patrol

Project Description:
Operate roving service patrols along the Interstate H-1, Moanalua Freeway, and Interstate H-2. 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: $18,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	2,000	1,800	200	2,000	1,800	200	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 1 - Various Locations on Interstate Route H-1																			
CON	0	0	0	0	0	0	0	0	0	2,142	1,714	428	0	0	0	0	0	0	HSIP
Phase 2																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	IM
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	2,400	600	IM
Phase 3																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	IM

OS15 Interstate Route H-1 and Interstate Route H-2, and Route H-201 Destination Sign Upgrade/Replacement

Project Description:
Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2, and H-201.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $8,200,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 1																			
CON	0	0	0	4,500	3,600	900	0	0	0	0	0	0	0	0	0	0	0	0	NHS
Phase 2																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,704	2,434	270	NHS

OS93 Interstate Route H-1 Safety Improvements, Beginning of H-1 (Palailai Interchange) to Waiawa Overpass

Project Description:
Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.

Project Website: None

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

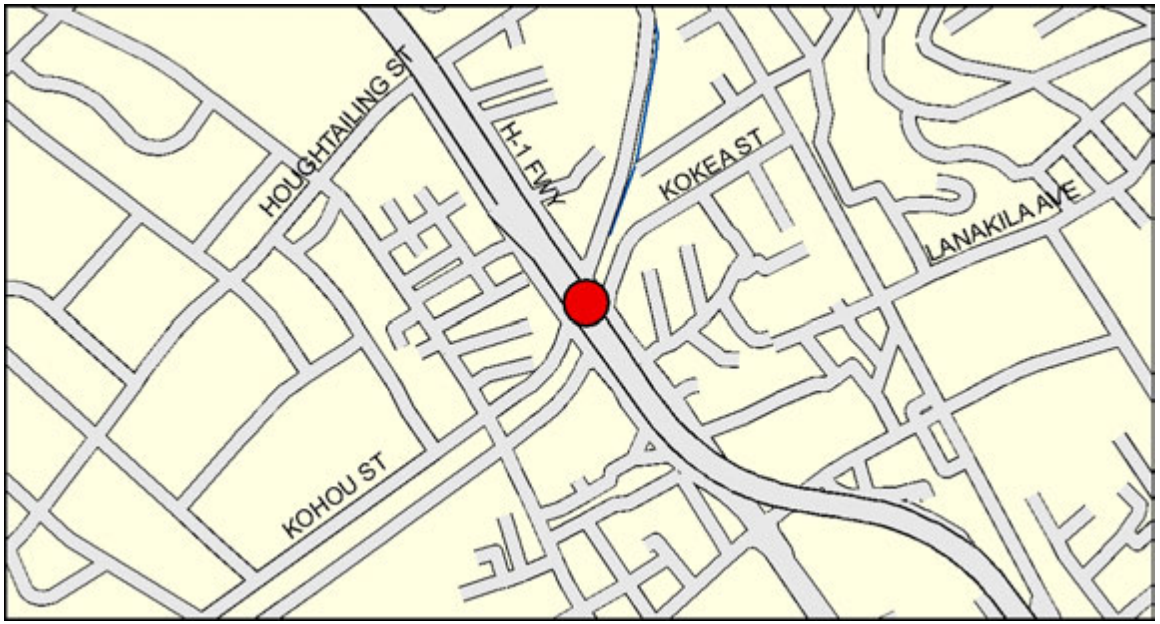
Estimated Total Project Cost: $4,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	500	450	50	0	0	0	0	0	0	HSIP

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



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

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

OS88 Interstate Route H-1, Corridor Study

Project Description:
Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.

Bicycle and pedestrian facilities will be included when feasible. The parallel roadways to be studied include, but are not limited to:

1. Interstate Route H-1 Freeway, Palailai Interchange to Ainakoa Avenue,
2. Farrington Highway - Palailai Interchange to Waiawa Interchange,
3. Kamehameha Highway - Waiawa Interchange to Keehi Interchange,
4. Moanalua Freeway,
5. Nimitz Highway - Keehi to Ala Moana Boulevard,
6. Dillingham Boulevard,
7. Vineyard Boulevard,
8. Kapiolani Boulevard,
9. King Street, and
10. Beretania Street.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $2,500,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	2,500	2,000	500	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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	920	828	92	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.

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

Project Website: None

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

Estimated Total Project Cost: $6,750,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,240	4,992	1,248	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.

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

Project Website: None

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

Estimated Total Project Cost: $5,700,000
(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

													FOR INFORMATION ONLY						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	5,410	4,328	1,082	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: $14,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 1																			
CON	0	0	0	0	0	0	0	0	0	6,860	1,000	5,860	0	0	0	0	0	0	IM
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	4,488	-4,488	0	0	0	IM

OS83 Interstate Route H-1, Installation of Access Control, Makakilo Interchange to Vicinity of H-1/H-2 Interchange

Project Description:
Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions. The scope of the project does not include bicycle or pedestrian elements.

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

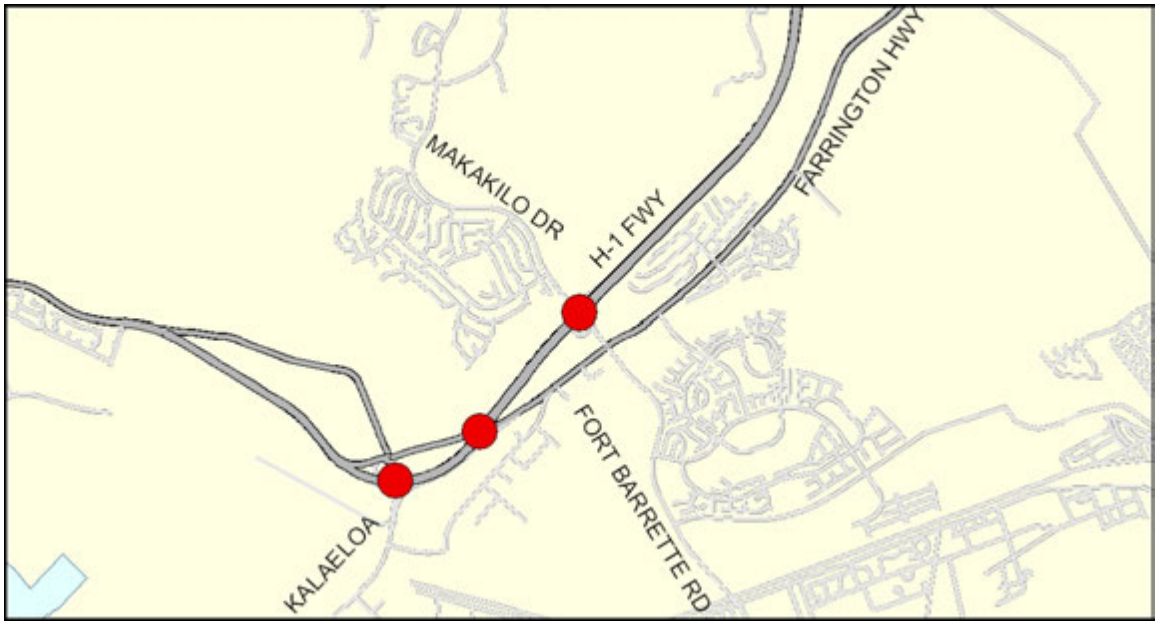
Estimated Total Project Cost: $2,750,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	2,500	2,250	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

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 will complete the construction of the Wakea Street Separation and its associated ramps. Phases 3 and 4 involve completing the Kapolei Interchange Complex, including completing construction of the Palailai and Makakilo Interchanges.

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

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Estimated Total Project Cost: $60,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

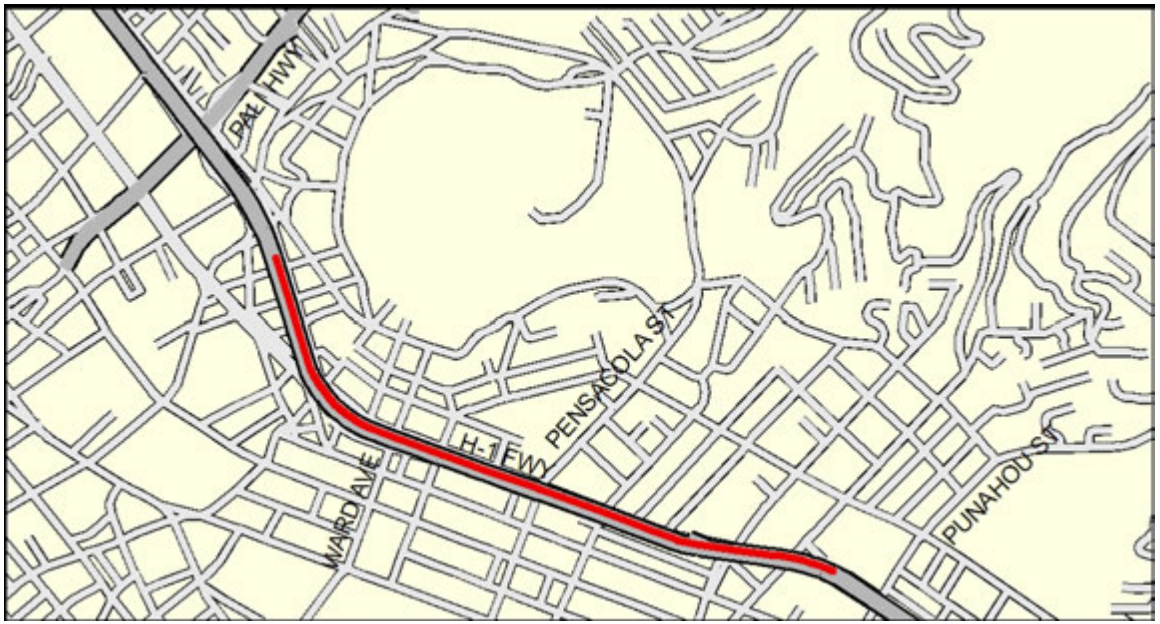
Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 2																			
CON	0	0	0	0	0	0	0	0	0	4,800	4,300	500	0	0	0	0	0	0	IM Discret
CON	0	0	0	0	0	0	0	0	0	45,200	15,000	30,200	0	0	0	0	0	0	NHS
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	-10,000	0	11,160	-11,160	NHS
Phase 3																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	560	448	112	0	0	0	NHS
ROW	0	0	0	0	0	0	0	0	0	0	0	0	224	179	45	0	0	0	NHS
Phase 4																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	540	432	108	0	0	0	NHS

OS22 Interstate Route H-1, Kapolei Interchange Complex

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 4																			
ROW	0	0	0	0	0	0	0	0	0	0	0	0	216	172	44	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.

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

Project Website: None

Neighborhood(s): Makiki-Lower Punchbowl-Tantalus

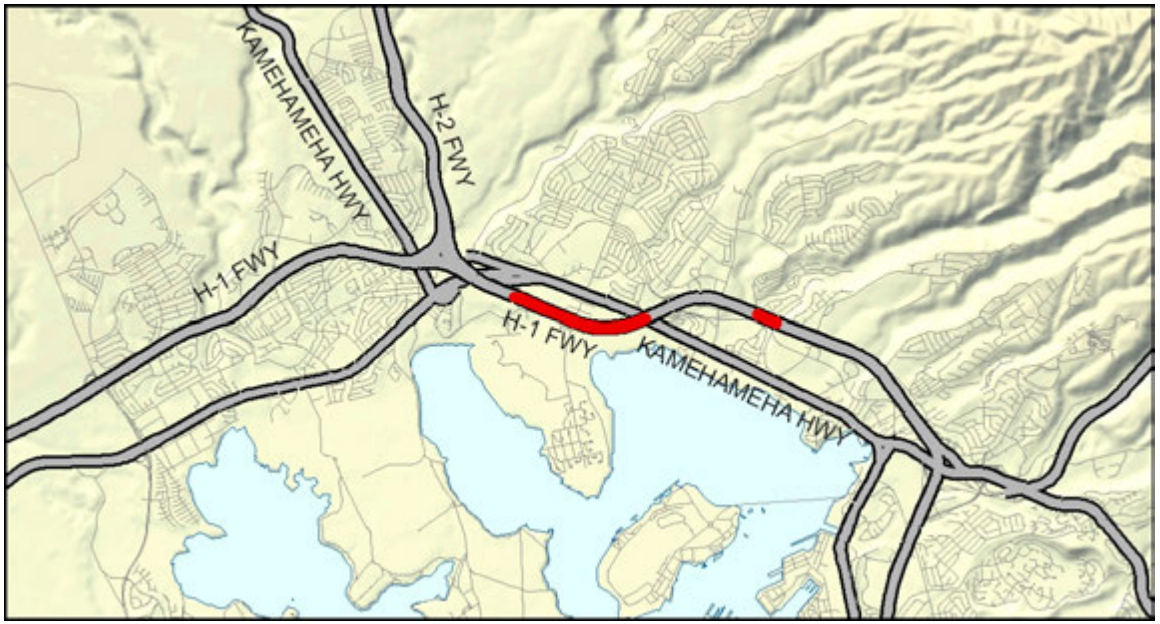
Estimated Total Project Cost: $6,750,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES/CON	0	0	0	0	0	0	0	0	0	0	0	0	5,850	5,265	585	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.

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

Project Website: None

Neighborhood(s): Pearl City, Aiea, Waipahu

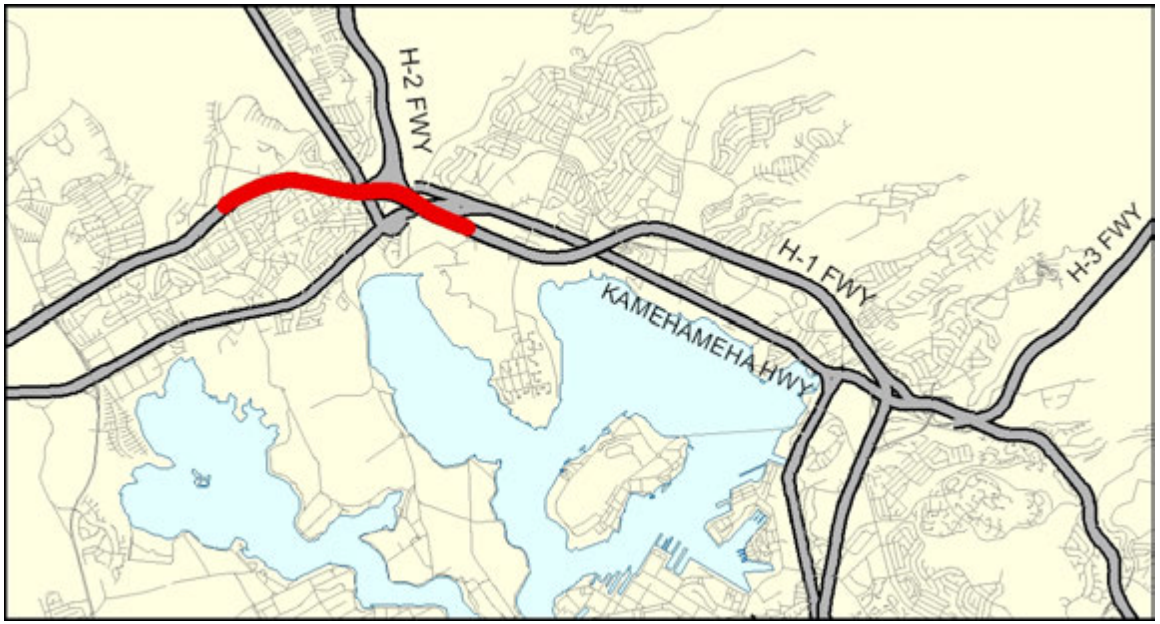
Estimated Total Project Cost: $100,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,250	20,925	2,325	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 Waikele.

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: $167,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,525	15,775	1,750	IM

OS90 Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue

Project Description:
Cold plane and resurface with asphalt concrete pavement; reconstruct weakened pavement areas; restripe to provide four (4)-10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new highway lighting; and other miscellaneous work to accommodate the extra through lane.

Project Website: None

Neighborhood(s): Kalihi-Palama, Downtown, Ala Moana-Kakaako

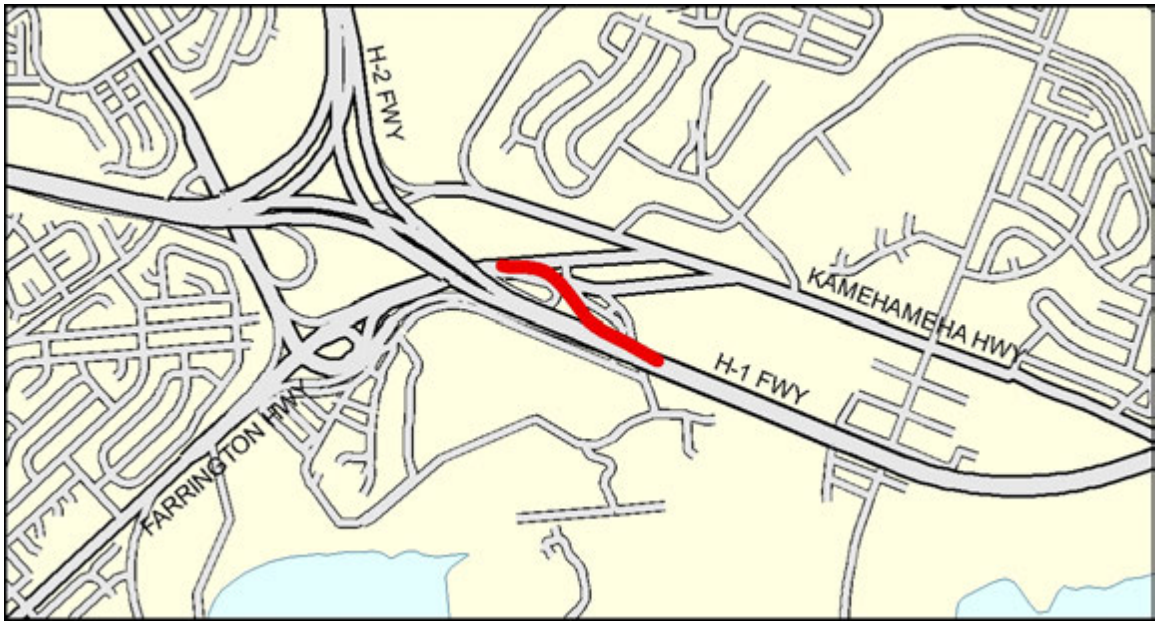
Estimated Total Project Cost: $36,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	35,000	26,500	8,500	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

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.

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

Project Website: None

Neighborhood(s): Waipahu

Estimated Total Project Cost: $24,000,000
(May include project costs outside of the 4-year TIP 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						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,432	2,745	687	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: $1,750,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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	1,600	1,440	160	0	0	0	0	0	0	0	0	0	HSIP

OS29 Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2, and 3

Project Description:
Retrofit the interchange structures to meet current seismic standards.

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

Project Website: None

Neighborhood(s): Kaneohe

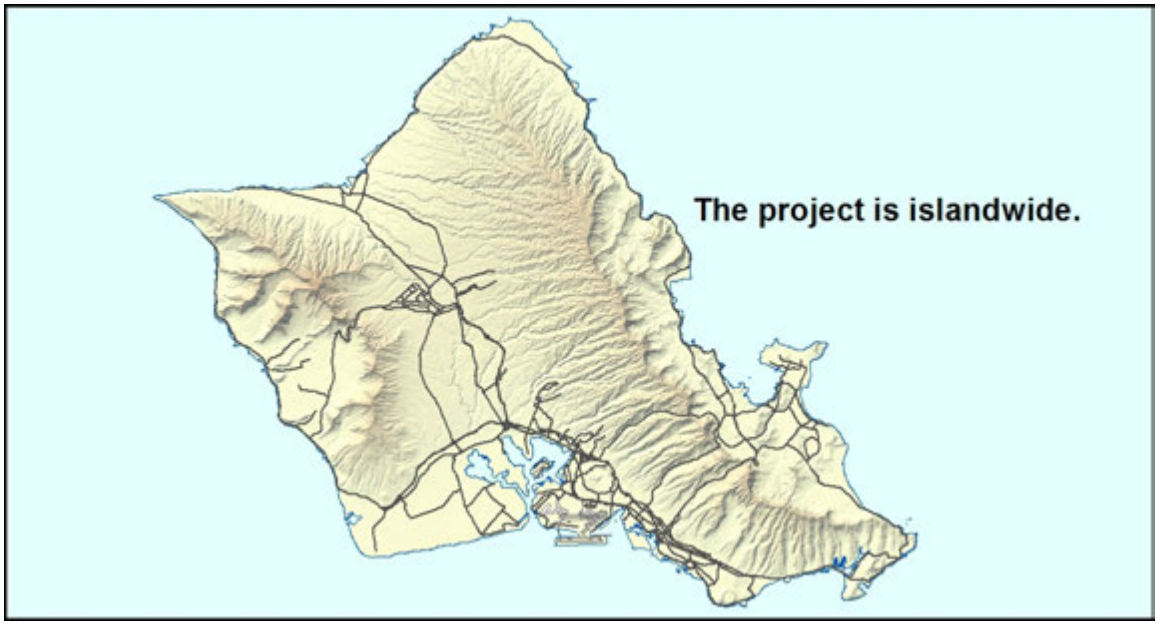
Estimated Total Project Cost: $3,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,080	864	216	Bridge On/Off

OS92 ITS Operation and Maintenance



Project Description:
Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.

Project Website: None

Neighborhood(s): Various Locations

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
OPR	0	0	0	0	0	0	0	0	0	285	255	30	285	255	30	285	255	30	IM

OS84 Kalanianaole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier

Project Description:
Improve bike route on Kalanianaole Highway, from Huli Street to Makai Pier. The scope of the project includes providing shared-use shoulders for bicyclists and pedestrians.

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

Project Website: None

Neighborhood(s): Waimanalo

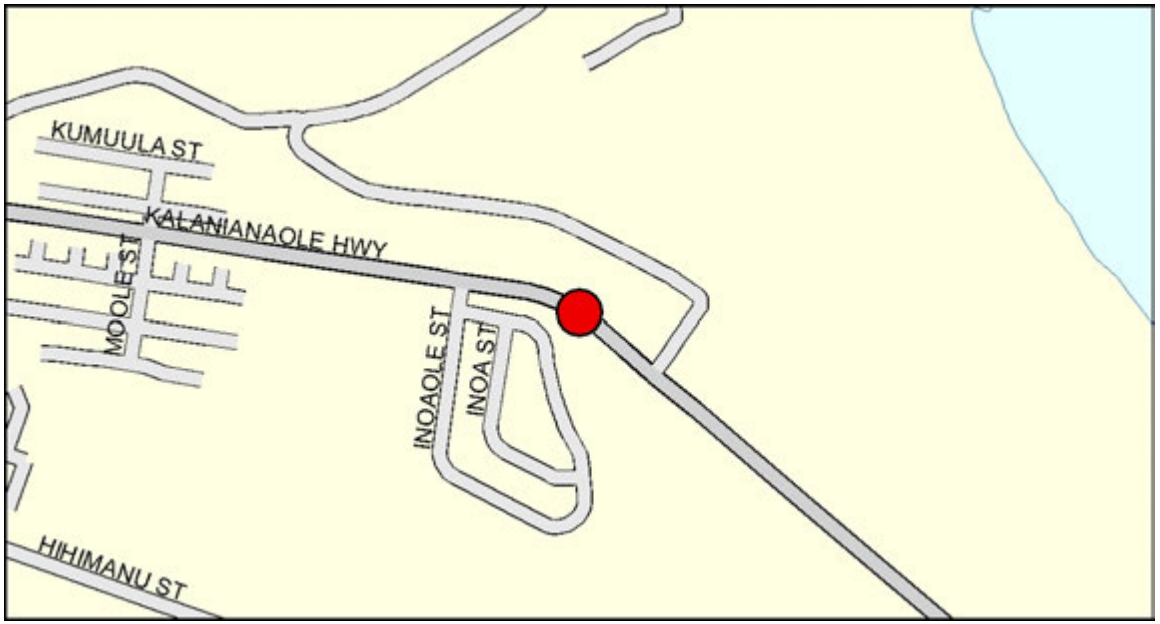
Estimated Total Project Cost: $3,283,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,453	1,962	491	0	0	0	Enhance

OS33 Kalanianaole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo



Project Description:
Replace the existing bridge.

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

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: $10,900,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	9,360	7,488	1,872	0	0	0	STP Flex

OS34 Kalanianaole 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 Kalanianaole Highway from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Project Website: None

Neighborhood(s): Waimanalo, Kailua

Estimated Total Project Cost: $41,630,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	13,520	2,000	11,520	0	0	0	0	0	0	NHS
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	8,816	-8,816	0	0	0	NHS

OS35 Kalanianaole 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 Kalanianaole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Project Website: None

Neighborhood(s): Waimanalo

Estimated Total Project Cost: $41,630,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	900	720	180	0	0	0	0	0	0	NHS

OS94 Kamehameha Highway (Route 80), Repair and Repaint of Karsten Thot Bridge

Project Description:
Repair deteriorated steel bridge framing and connections, repair concrete cracks and spalls in concrete deck slab and abutments, repaint steel bridge, and set up temporary traffic controls.

Project Website: None

Neighborhood(s): Wahiawa

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	8,100	6,480	1,620	0	0	0	0	0	0	Bridge On/Off

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: $5,600,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	0	0	0	0	0	0	102	81	21	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	0	0	0	275	220	55	0	0	0	Bridge On/Off

OS37 Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge

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

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: $22,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	16,225	12,980	3,245	0	0	0	Bridge On/Off

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: $11,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	0	0	0	0	0	0	53	43	10	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	0	0	0	612	490	122	0	0	0	Bridge On/Off

OS45 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge

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

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

Project Website: None

Neighborhood(s): Koolauloa

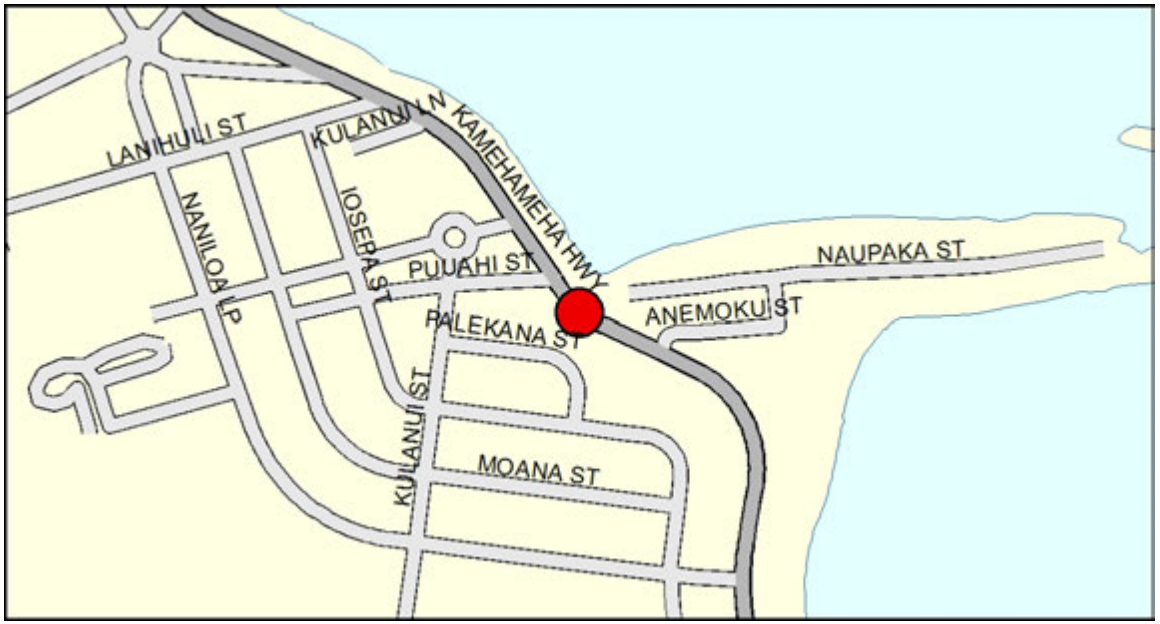
Estimated Total Project Cost: $10,700,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,735	7,788	1,947	Bridge On/Off

OS39 Kamehameha Highway, Bridge Replacement, Laieloa Stream Bridge



Project Description:
Replace 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: $9,500,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
ROW	0	0	0	0	0	0	189	152	37	0	0	0	0	0	0	0	0	0	Bridge On/Off
CON	0	0	0	0	0	0	0	0	0	0	0	0	8,775	7,020	1,755	0	0	0	Bridge On/Off

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

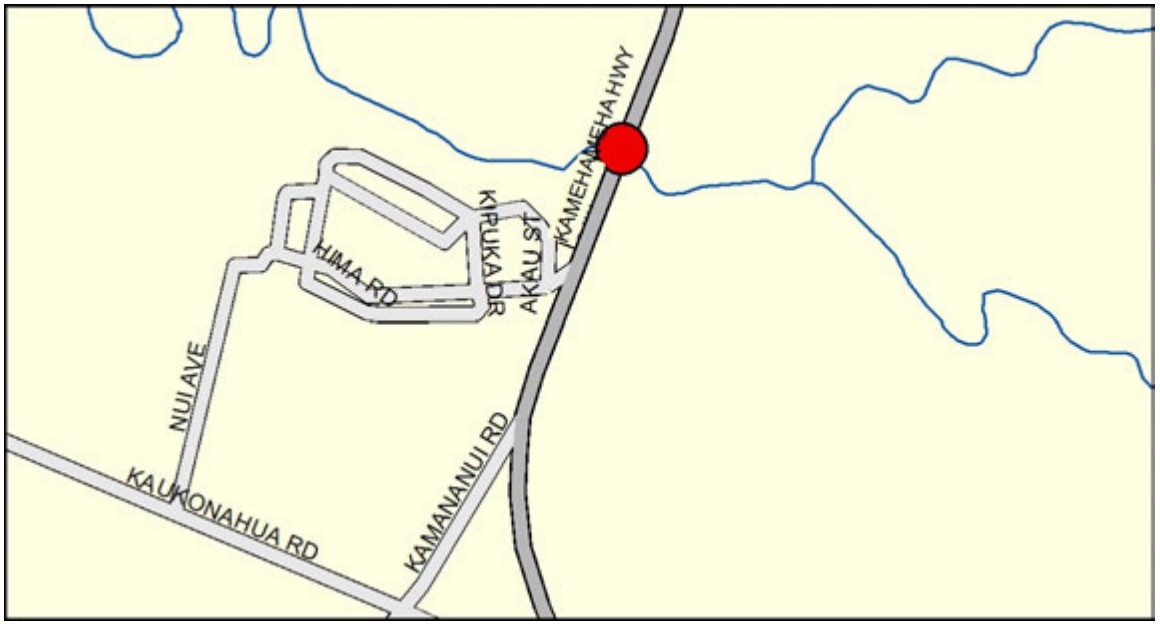
Estimated Total Project Cost: $14,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	965	772	193	0	0	0	0	0	0	Bridge On/Off

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

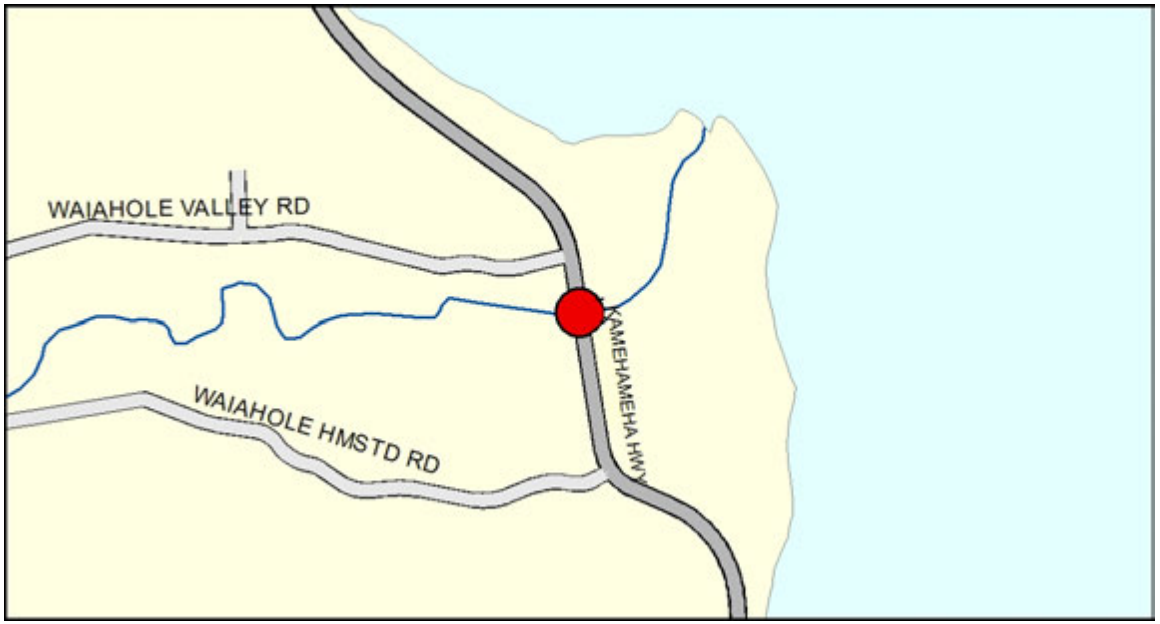
Estimated Total Project Cost: $24,600,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	0	0	0	0	0	0	102	81	21	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	0	0	0	1,125	865	260	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,300	13,840	3,460	Bridge On/Off

OS50 Kamehameha Highway, Bridge Replacement, Waiahole Stream Bridge



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

Bicycle and pedestrian facilities will be included when feasible.

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

Project Website: None

Neighborhood(s): Kahaluu

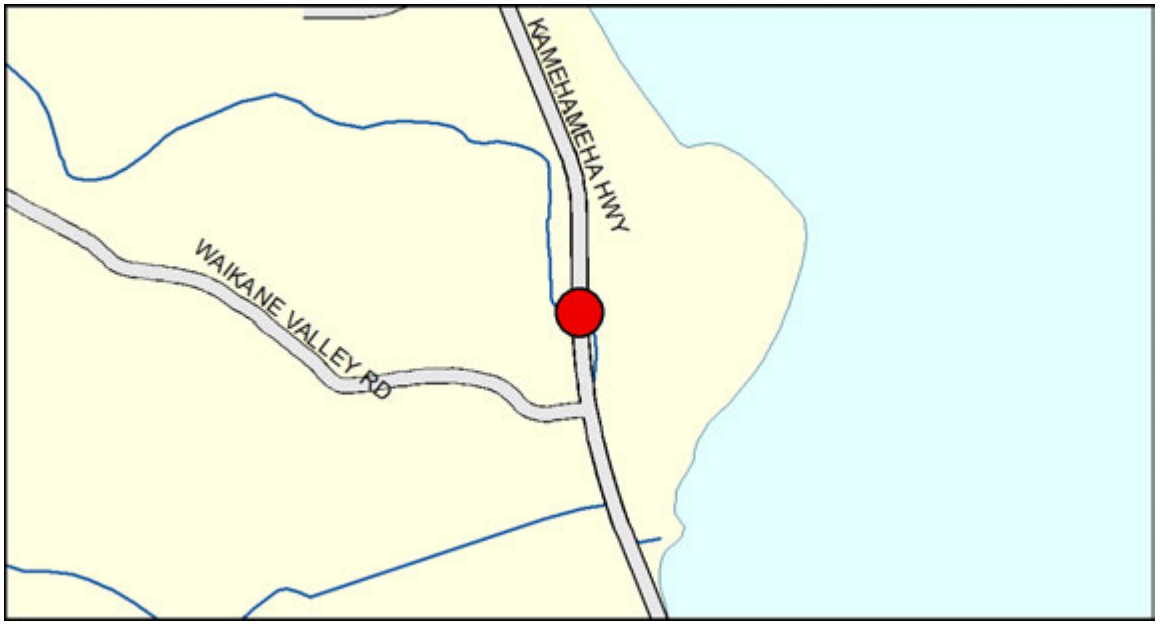
Estimated Total Project Cost: $13,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	0	0	0	0	0	0	0	0	0	108	85	23	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	0	0	0	540	432	108	0	0	0	Bridge On/Off
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,253	1,000	10,253	Bridge On/Off

OS51 Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge



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

Project Website: None

Neighborhood(s): Kahaluu

Estimated Total Project Cost: $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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	0	0	0	265	212	53	0	0	0	0	0	0	Bridge On/Off

OS41 Kamehameha Highway, Bridge Replacement, Waipilopilo Stream Bridge

Project Description:
Replace 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: $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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PREROW	200	160	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On/Off
ROW	0	0	0	0	0	0	260	208	52	0	0	0	0	0	0	0	0	0	Bridge On/Off

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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	0	0	0	460	368	92	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,690	7,752	1,938	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: $1,650,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	1,560	1,248	312	0	0	0	0	0	0	HSIP

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

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 Kahekili Highway (Route 83) to the vicinity of Waikane Valley Road.

Project Website: None

Neighborhood(s): Kahaluu

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	2,500	2,250	250	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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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

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: $6,500,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	700	560	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS64 Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: $11,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	700	560	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

OS65 Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu

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

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

Project Website: None

Neighborhood(s): Koolauloa

Estimated Total Project Cost: $7,750,000
(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						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,885	5,508	1,377	0	0	0	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.

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

Project Website: None

Neighborhood(s): North Shore

Estimated Total Project Cost: $6,750,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,240	4,992	1,248	0	0	0	NHS

OS91 Kualakai Parkway (Route 8930) Extension

Project Description:
Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue. The design details are not yet known. Therefore, pedestrian and bicycle elements have not yet been determined.

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

Project Website:

Neighborhood(s): Ewa

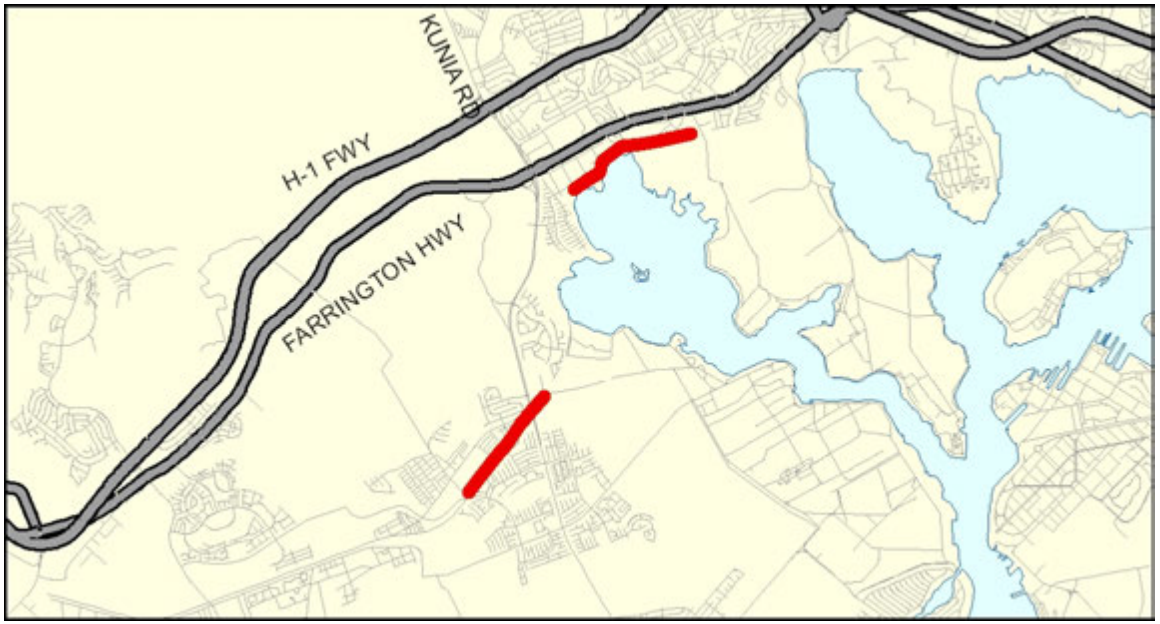
Estimated Total Project Cost: $20,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	17,000	13,600	3,400	0	0	0	STP Flex

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

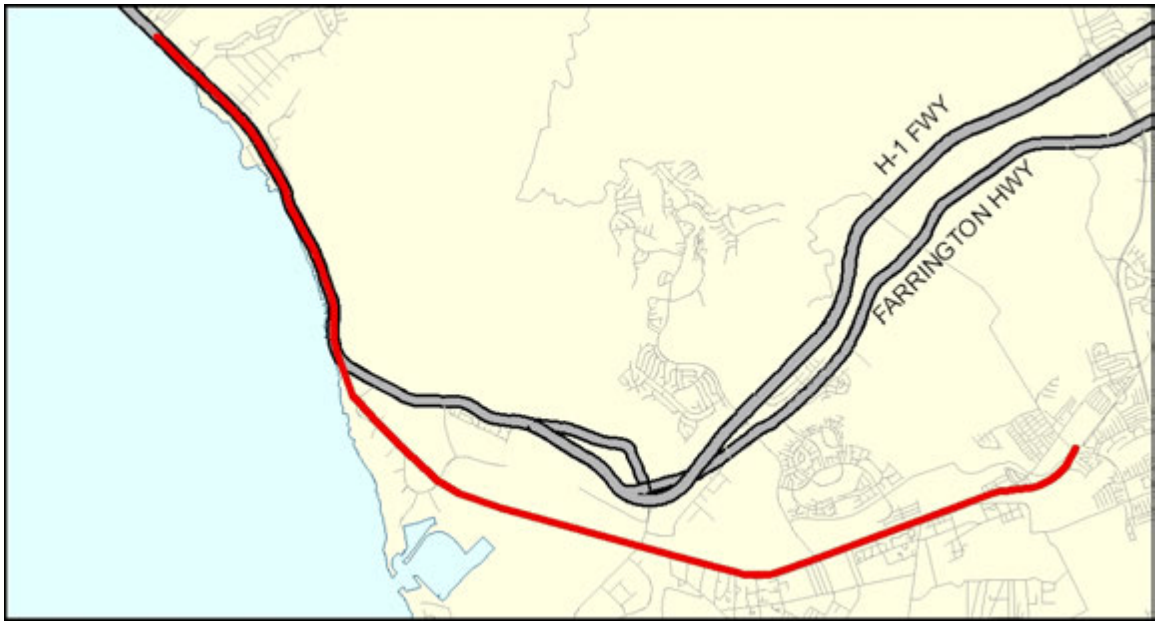
Estimated Total Project Cost: $19,000,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	9,020	7,216	1,804	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: $19,000,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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	0	0	0	102	81	21	0	0	0	0	0	0	Enhance
ROW	0	0	0	0	0	0	0	0	0	0	0	0	2,750	2,200	550	0	0	0	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.

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,000	4,800	1,200	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).

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

Project Website: None

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

Estimated Total Project Cost: $8,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	6,000	4,800	1,200	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

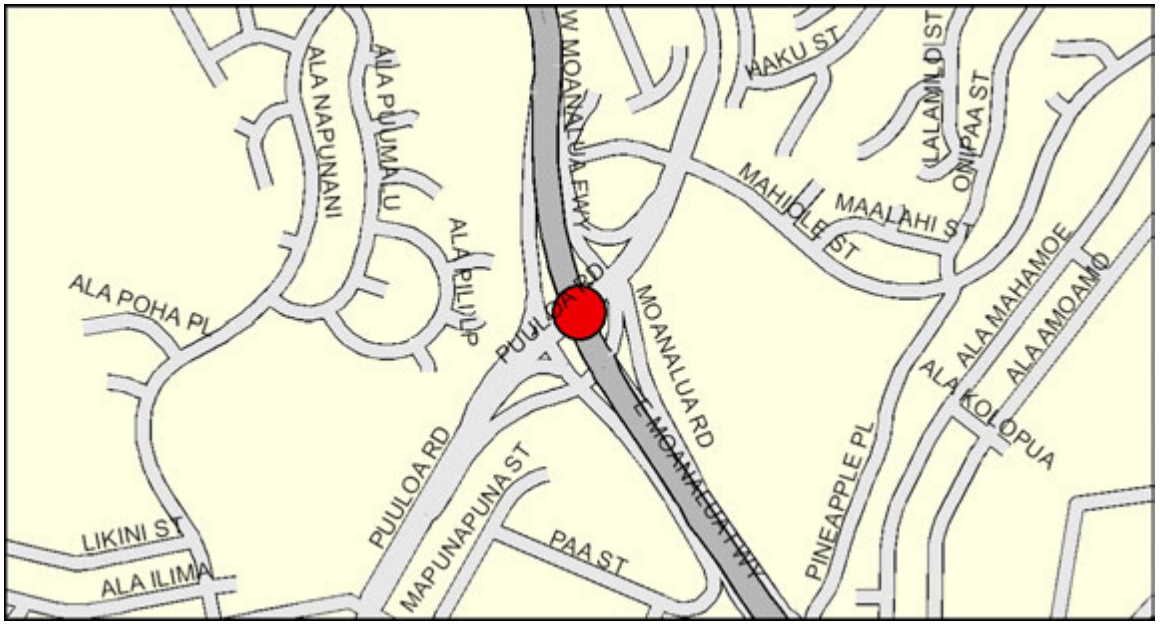
Estimated Total Project Cost: $8,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	2,340	1,872	468	0	0	0	0	0	0	NHS

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



Project Description:
Retrofit interchange structure to meet current seismic standards.

Project Website: None

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

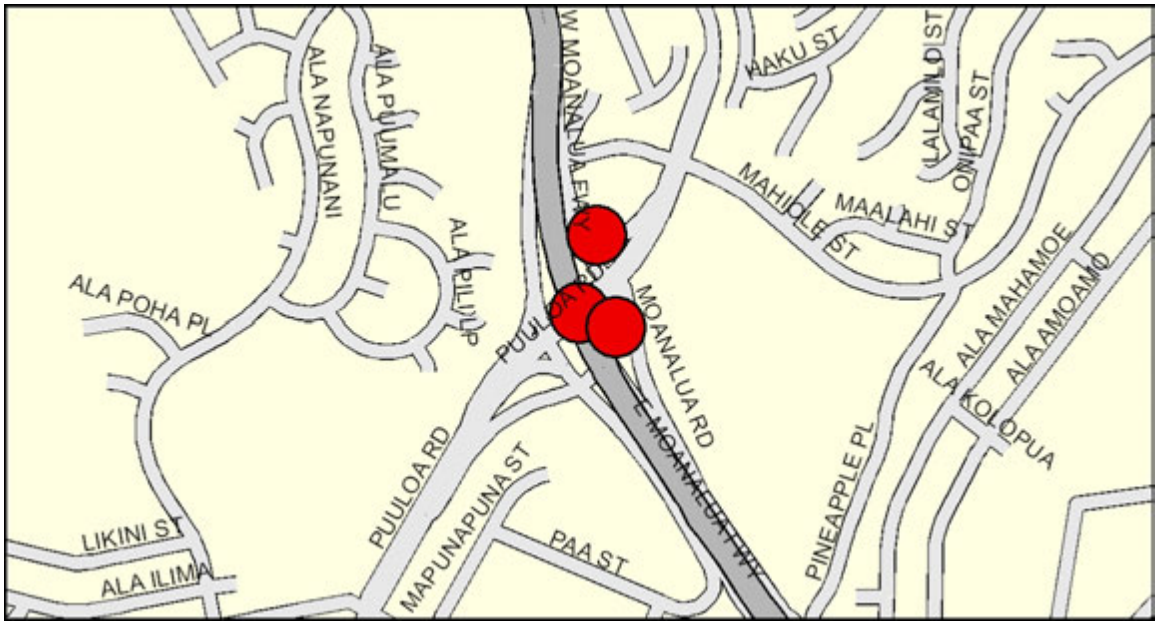
Estimated Total Project Cost: $4,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,950	3,160	790	Bridge On/Off

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



Project Description:
Retrofit interchange structure to meet current seismic standards.

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

Project Website: None

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

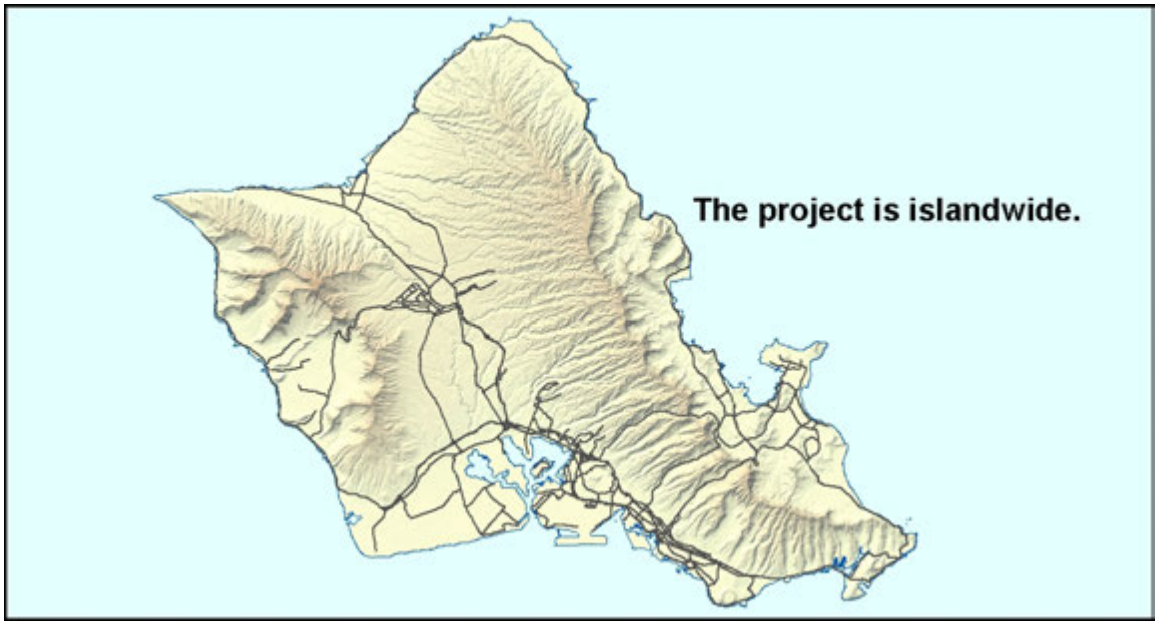
Estimated Total Project Cost: $7,300,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,450	5,160	1,290	Bridge On/Off

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

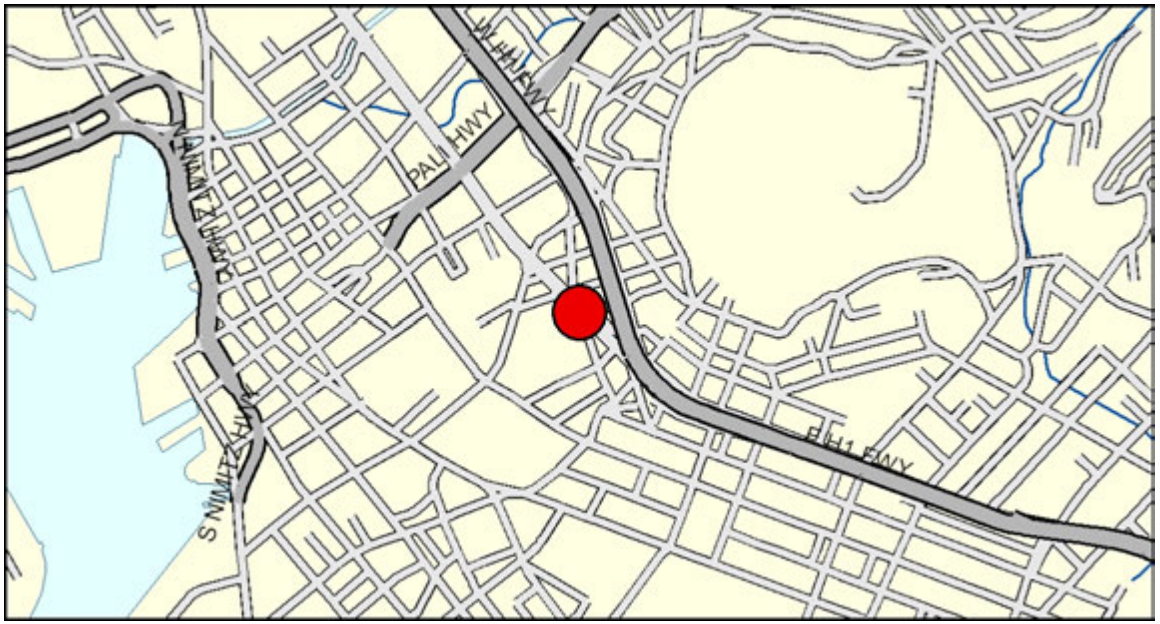
Estimated Total Project Cost: $2,154,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FHWA Funded)

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

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

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: $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 (Queen's Medical Center)

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	52	0	52	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	12,480	0	12,480	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: $210,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	210	0	210	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 in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.

Project Website: None

Neighborhood(s): Ala Moana-Kakaako

Estimated Total Project Cost: $94,868,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Architectural/Engineering Consultant																			
DES	0	0	0	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	4,500	4,400	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Management Center Building																			
DES/CON	0	0	0	0	0	0	4,301	3,440	861	16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087	STP Flex
Parking Structure																			
CON	13,375	0	13,375	4,000	0	4,000	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
System Manager																			
DES	0	0	0	0	0	0	0	0	0	460	0	460	1	0	1	1	0	1	Local Only
DES	0	0	0	0	0	0	2,700	2,160	540	0	0	0	0	0	0	0	0	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1,700	0	1,700	Local Only

OC3 Bicycle Projects

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

Project Website: www.oahubikeplan.org

Neighborhood(s): Islandwide

Estimated Total Project Cost: $9,399,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

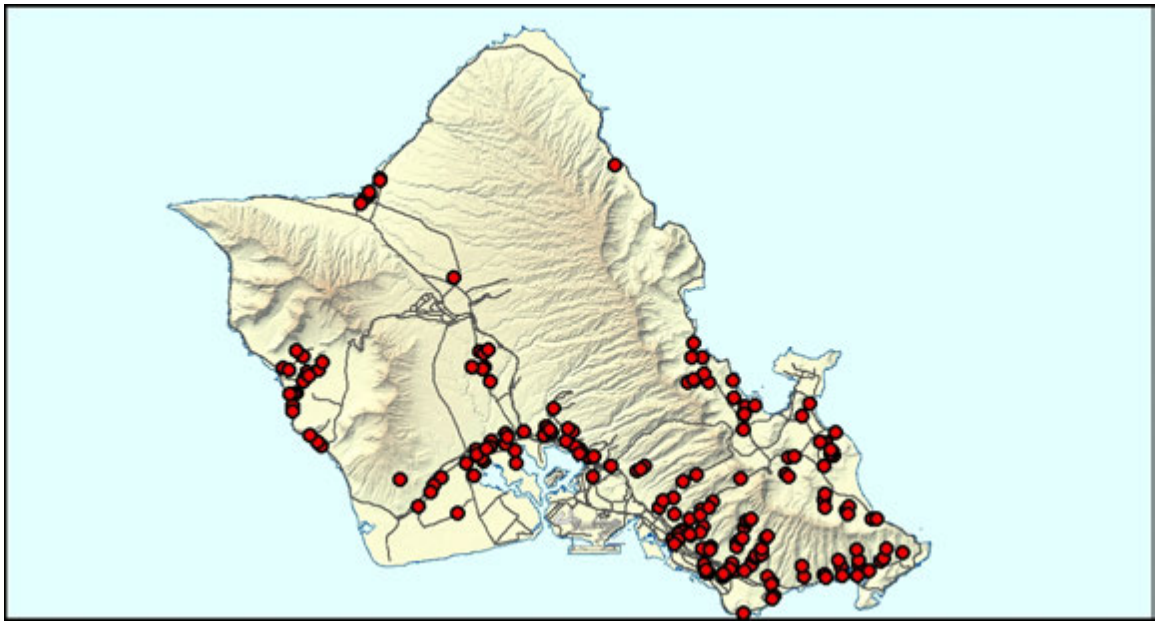
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP	0	0	0	0	0	0	10	0	10	0	0	0	10	0	10	0	0	0	Local Only
a. Kalaheo Avenue																			
PLN	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	Local Only
ROW	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	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
b. Kealaolu Avenue Shoulder Improvements																			
DES	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	620	496	124	190	0	190	250	200	50	0	0	0	0	0	0	STP Flex
c. King Street/McCully Street Bike Improvements																			
PLN	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	100	80	20	0	0	0	STP Flex
d. Civic Center Bike Path Improvements																			
CON	0	0	0	325	260	65	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC3 Bicycle Projects

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
e. Diamond Head Road/Monsarrat Avenue/Makapuu Avenue/18th Avenue Bike Improvements																			
PLN	0	0	0	0	0	0	1	0	1	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	Local Only
ROW	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	760	560	200	0	0	0	0	0	0	0	0	0	STP Flex
f. Hamakua Drive Bike Improvements																			
DES	0	0	0	0	0	0	100	80	20	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	800	640	160	0	0	0	STP Flex
g. Pearl Harbor Bike Path Improvements																			
DES	0	0	0	0	0	0	0	0	0	500	400	100	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	1,600	400	STP Flex
h. Waialae Avenue Bike Lanes																			
DES	0	0	0	0	0	0	40	0	40	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	80	0	80	320	0	320	0	0	0	0	0	0	Local Only
i. University of Hawaii/Waikiki Area Bike Improvements																			
DES	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	300	0	300	0	0	0	Local Only
j. Locations to be determined																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	280	160	120	250	200	50	STP Flex

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

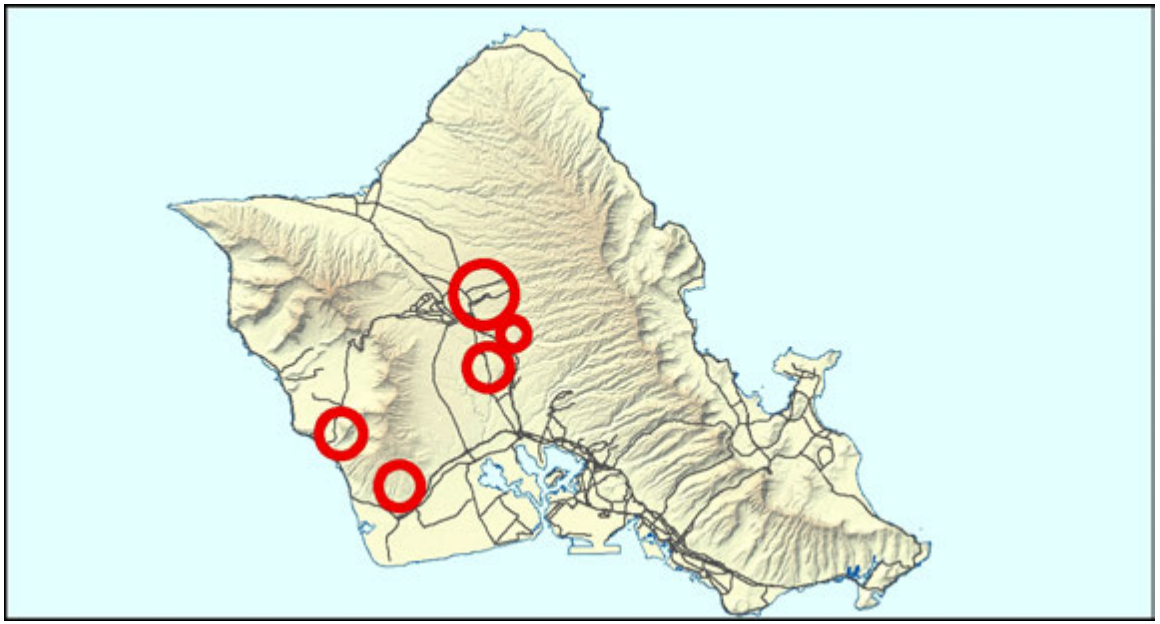
Estimated Total Project Cost: $5,800,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	900	720	180	900	720	180	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: $7,739,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 13: Mililani Mauka Area																			
CON	0	0	0	3,307	2,527	780	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
Phase 14: Mililani Town (Part 1)																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,385	2,708	677	STP Flex
Phase 15: Mililani Town (Part 2) & Expand Fiber to Wahiawa																			
DES	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Phase 16: Wahiawa																			
DES	0	0	0	375	300	75	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Phase 17: Makakilo Area																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420	336	84	STP Flex
Phase 18: Nanakuli Area																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

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: $22,539,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
a. Urban Core 4: Kunehi Street to Kamaaha Ave.																			
DES	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	5,200	0	5,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
b. Urban Core 5: Kamaaha Ave. to Kamokila Blvd.																			
CON	3,388	0	3,388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	7,813	7,813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
c. Urban Core 4A: Kamaaha Intersection																			
CON	0	0	0	773	0	773	2,200	0	2,200	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	3,164	3,164	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OC25 Kuakini Street Extension

Project Description:
Plan, design, construct, and inspect traffic improvements to connect Kuakini Street to Hala Drive; approximately 450 linear feet of new roadway. This will alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. The project includes the installation of new sidewalks. There is insufficient right-of-way to provide bike lanes.

Project Website: None

Neighborhood(s): Nuuanu-Punchbowl

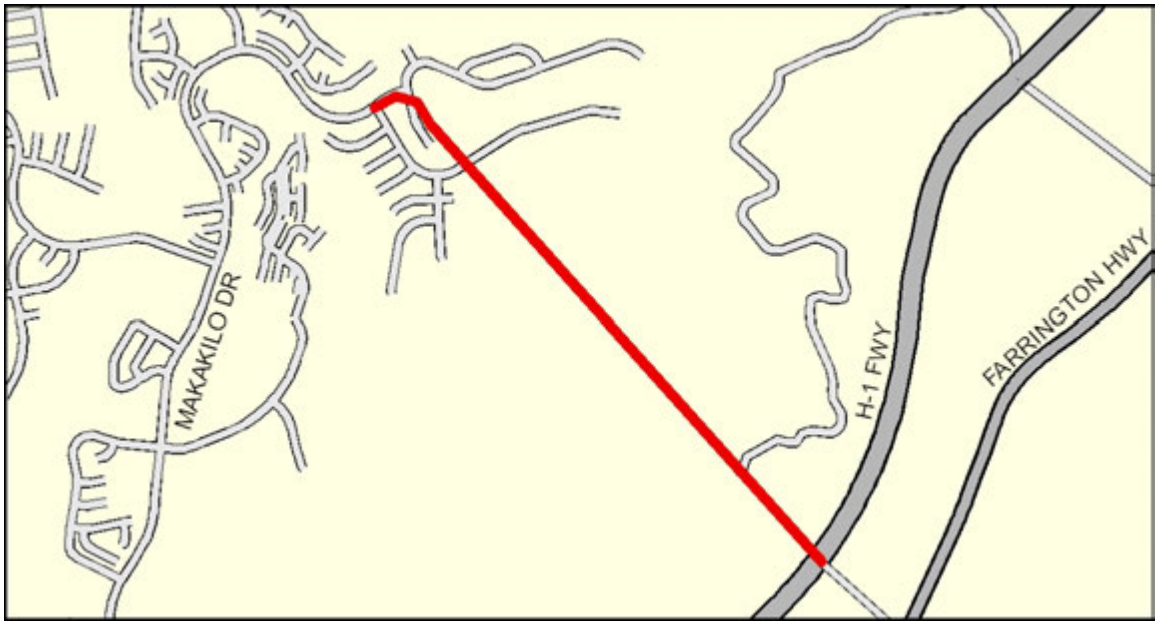
Estimated Total Project Cost: $2,845,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	2,825	2,237	588	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.

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

Project Website: None

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

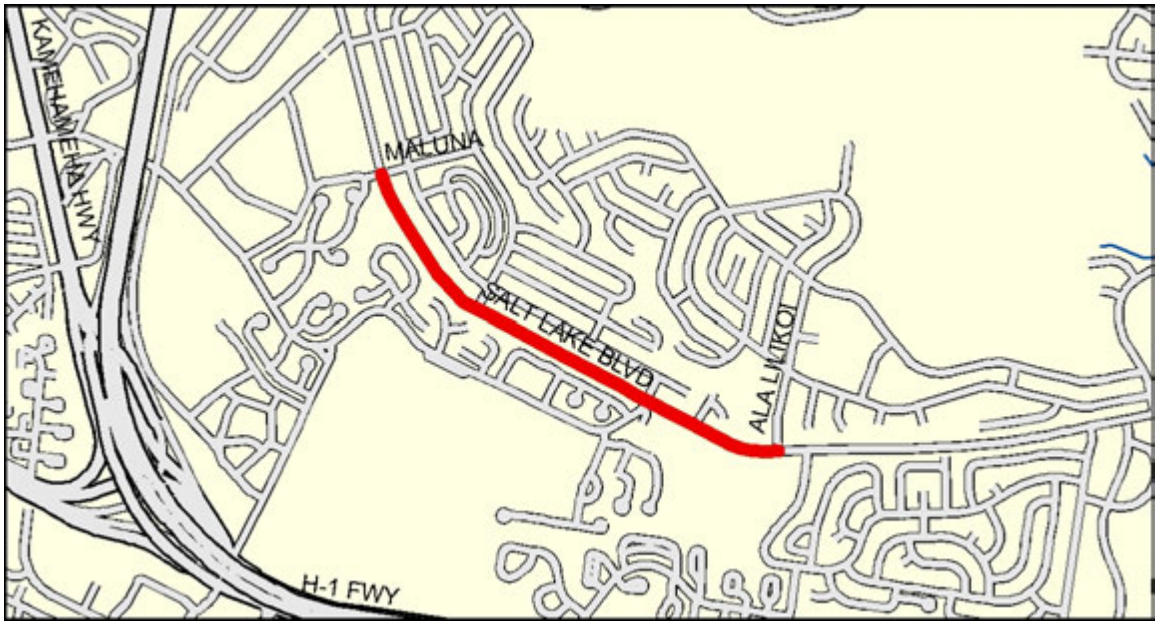
Estimated Total Project Cost: $85,500,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 1																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	23,452	0	23,452	0	0	0	Local Only

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
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

OC9 Seismic Bridge Retrofit

Sites are not yet determined.

Project Description:
Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, and construct retrofit measures. The bridges have not yet been determined.

Project Website: None

Neighborhood(s): Various Locations

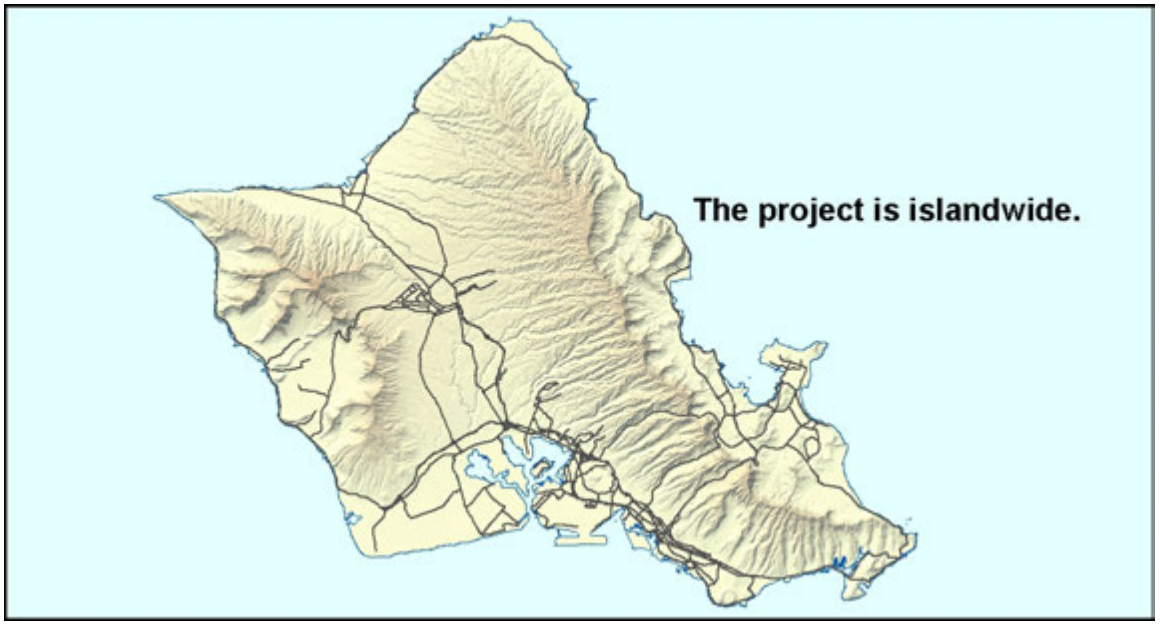
Estimated Total Project Cost: $2,100,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	480	120	Bridge Off
CON	0	0	0	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	Bridge Off

OC10 Traffic Improvements at Various Locations



Project Description:
Provide traffic congestion relief and improve traffic safety. Project locations are indicated below.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $14,542,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
a. Harding Avenue and 5th and 11th Avenues: Widen the roads and improve the traffic signal system to allow for protected left turns at the Harding Avenue/5th Avenue intersection and the Harding Avenue/11th Avenue intersection.																			
CON	0	0	0	0	0	0	288	0	288	301	201	100	0	0	0	0	0	0	STP Flex
b. Kalaheo Avenue and Kailua Road: Conduct a study to evaluate traffic congestion and safety for the intersection at Kalaheo Avenue and Kailua Road. A roundabout is being considered, but actual improvements are to be determined as a result of the study.																			
PLN	0	0	0	0	0	0	0	0	0	50	0	50	50	0	50	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	618	400	218	0	0	0	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	50	0	50	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	110	80	30	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,750	1,400	350	0	0	0	STP Flex
c. Palolo Area: Provide traffic engineering devices on Palolo Avenue, 9th Avenue, and 10th Avenue. This may include roundabouts, bulbouts, and intersection modifications.																			
DES	300	0	300	0	0	0	200	0	200	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	990	0	990	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	2,409	1,927	482	0	0	0	0	0	0	STP Flex
d. Waiakamilo and Dillingham Intersection: Improve the intersection by adding left-turn lanes on Waiakamilo Street and modifying the signals.																			
DES	0	0	0	1	0	1	300	0	300	0	0	0	0	0	0	0	0	0	Local Only

OC10 Traffic Improvements at Various Locations

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
d. Waiakamilo and Dillingham Intersection: Improve the intersection by adding left-turn lanes on Waiakamilo Street and modifying the signals.																			
CON	0	0	0	0	0	0	1,130	930	200	300	200	100	0	0	0	0	0	0	STP Flex
e. Waikiki Area: Conduct a study to evaluate traffic congestion and safety in the Waikiki area, near the Kalakaua Avenue/McCully Street intersection.																			
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	0	0	0	100	50	50	0	0	0	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	0	0	0	80	60	20	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	300	240	60	0	0	0	STP Flex
f. Village Park and Kupuna Loop: Conduct a sub-area traffic safety and circulation study of existing roadway conditions along Kupuna Loop. The result of the study will determine actual improvements and locations.																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	450	360	90	0	0	0	STP Flex
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	160	40	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,815	2,250	565	STP Flex
g. Location to be Determined																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	400	400	STP Flex
CON	0	0	0	0	0	0	0	0	0	200	0	200	200	0	200	500	0	500	Local Only

OC30 Traffic Signal Maintenance Facility

Project Description:
Construct a traffic signal maintenance facility for traffic, pedestrian signals, and traffic related technology. The facility will be located within the Manana Bus Facility. It will be accessible based on the Americans with Disabilities Act guidelines. The design includes a bicycle parking facility.

Project Website: None

Neighborhood(s): Pearl City

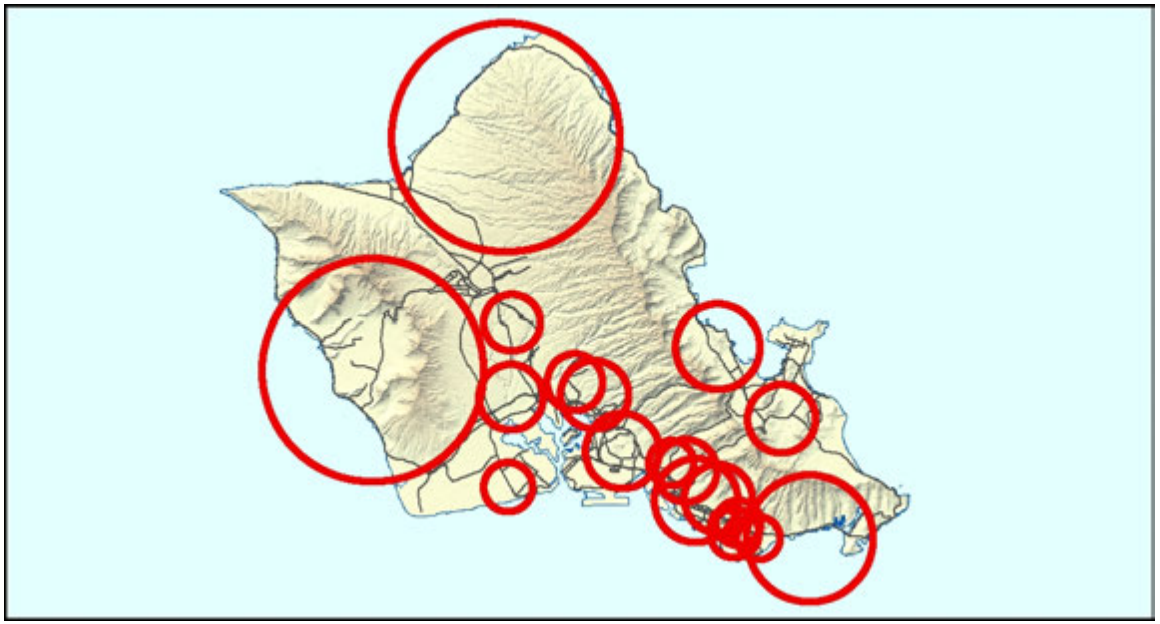
Estimated Total Project Cost: $5,082,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	1	0	1	70	0	70	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	5,000	4,000	1,000	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
REL	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	Local Only

OC26 Traffic Signal Optimization



Project Description:
Optimize traffic signal timing, coordination, and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. Tasks include field studies and data collection, implementing computer networks and calibrating for existing conditions, optimizing timing with computer, and implementing and testing timing in the field.

The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.

Phase 4 areas include Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Boulevard/Ala Moana, and East Oahu.

Phase 5 areas include Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo.

Project Website:

Neighborhood(s): Various Locations

Estimated Total Project Cost: $1,470,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

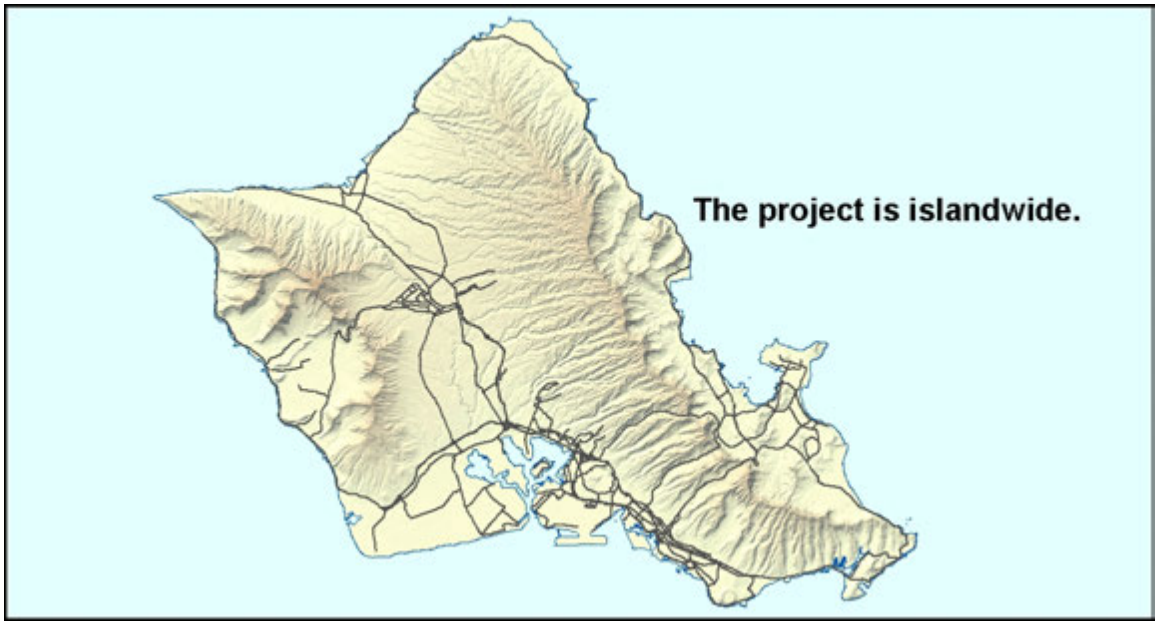
Agency Responsible for Carrying Out Project/Phase:
Hawaii Department of Transportation

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 4																			

OC26 Traffic Signal Optimization

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 4																			
DES	0	0	0	450	360	90	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
Phase 5																			
DES	0	0	0	1,020	816	204	0	0	0	0	0	0	0	0	0	0	0	0	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: $20,248,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 13: University area, South Beretania Street/Ward Avenue, North Beretania Street/River Street, and Kapiolani Boulevard/Date Street																			
CON	0	0	0	3,270	2,625	645	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: Moanalua Road/Waimanalo Home Road/Kuala Street, 7th Avenue/Harding Avenue, Diamond Head Road/Makapuu Avenue, Diamond Head Road/18th Avenue, Pacific Heights/Pauoa Road, North Vineyard Boulevard/Pua Lane, Aala Road flasher, Waipahu Street/Honowai Street, and Kapahulu Avenue/Lemon Road																			
PLN	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
DES	350	280	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	626	0	626	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	3,782	3,782	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	Local Only

OC11 Traffic Signals at Various Locations

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
Phase 15: South King Street/Kealamakai Street, South King Street/Pensacola Street, South Street/Kawaihao Street, Makaloa Street/Sheridan Street, Prospect Street, California Avenue/Wahiawa Recreation Center, Kamehameha Highway/Lipoa Street																			
PLN	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	430	380	50	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	651	0	651	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	2,349	2,349	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	Local Only
Phase 16: Kapiolani Boulevard/Kaimuki Avenue (Left turn), South King Street/Ward Avenue (audio pedestrian signal), Salt Lake Boulevard/Radford Drive (Left turn, Ewa bound), Ulune Street/Service Road, Farrington Highway/Nanaikeola Street, Nehoa Street/Mott-Smith Drive																			
DES	0	0	0	0	0	0	70	0	70	0	0	0	651	0	651	0	0	0	Local Only
DES	0	0	0	0	0	0	280	280	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,600	2,600	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	Local Only
Phase 17: Kuhio Avenue/Paoakalani Avenue, South King Street/Church Lane, Kamehameha Highway/Likelike Highway and Lilipuna Road, Kapiolani Boulevard/Atkinson Drive, Kapolei Parkway/Renton Road																			
PLN	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	90	0	90	73	0	73	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	360	360	0	291	291	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	651	0	651	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,349	3,349	0	STP Flex
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
Phase 18: Locations to be Determined																			
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	0	73	Local Only
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291	291	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: $660,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	480	360	120	150	0	150	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

OS85 JARC (Small Urban)

Projects are not yet determined.

Project Description:
Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment, and/or operating expenses. There will be a “call for projects” to agencies on Oahu to submit proposals for the grant funds.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $455,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FTA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP/OPR	175	140	35	140	70	70	140	70	70	0	0	0	0	0	0	0	0	0	§5316 JARC-SmUrb

OS86 New Freedom (Small Urban)

Projects are not yet determined.

Project Description:
New Freedom Program (Section 5317). Funds from the New Freedom Program will be utilized for the purchase of vehicles, general equipment, and/or operating expenses. There will be a “call for projects” to agencies on Oahu to submit proposals for the grant funds.

Project Website: None

Neighborhood(s): Various Locations

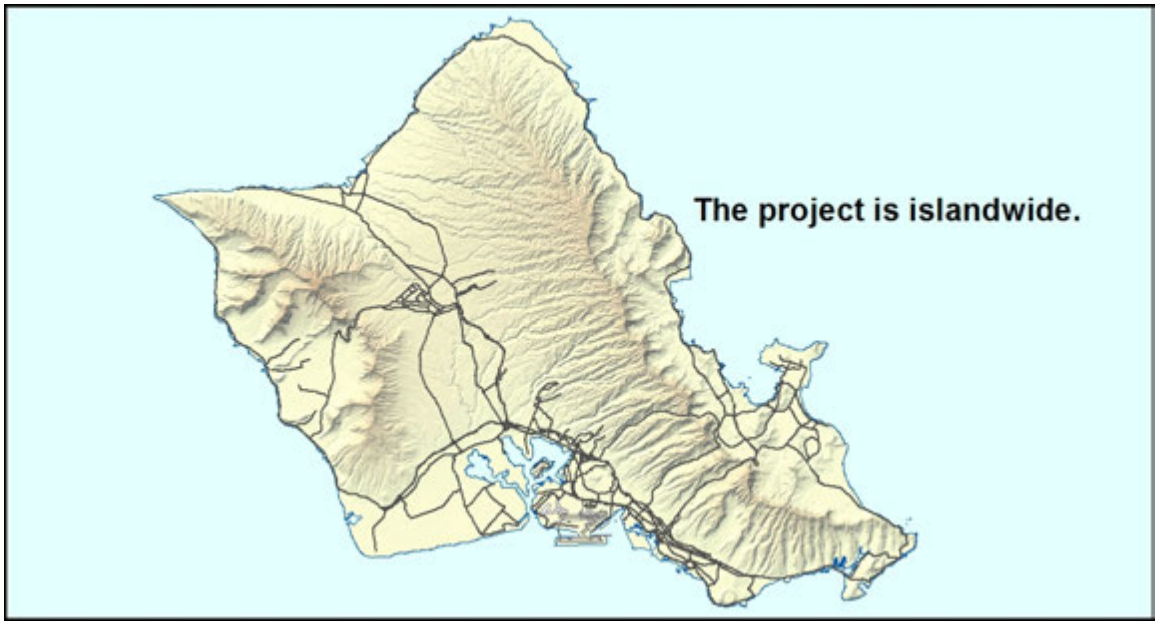
Estimated Total Project Cost: $496,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FTA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP/OPR	144	115	29	120	60	60	232	116	116	0	0	0	0	0	0	0	0	0	§5317 NF-SmUrb

OS95 Transportation Assistance for Elderly and Disabled



Project Description:
Funds from the program will be utilized for either the purchase of buses or operating expenses for seniors and individuals with disabilities.

Project Website: None

Neighborhood(s): Various Locations

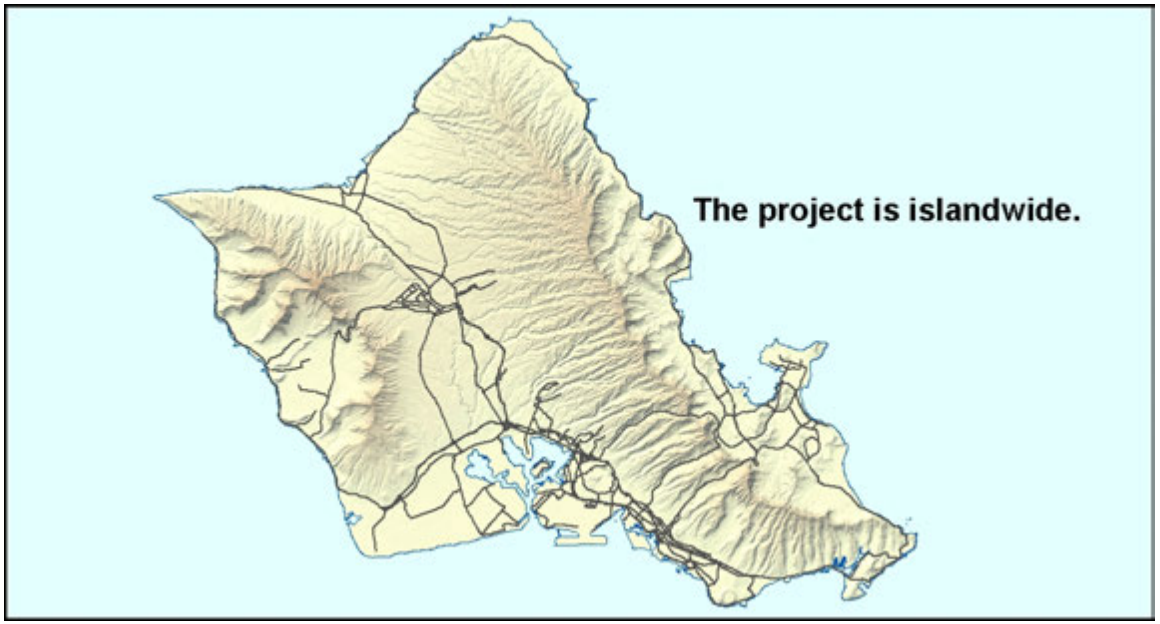
Estimated Total Project Cost: $3,661,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

Project Sponsor: State of Hawaii (FTA Funded)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP	0	0	0	0	0	0	500	400	100	526	421	105	553	443	110	581	465	116	§5310-Urban
OPR	0	0	0	0	0	0	375	300	75	375	300	75	375	300	75	375	300	75	§5310-Urban

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: $2,998,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
OPR	0	0	0	0	0	0	0	0	0	202	101	101	212	106	106	316	158	158	§5316 JARC-Urban
OPR	230	115	115	422	190	232	426	191	235	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: 8-45' buses.
FFY 2012: 35 <30' vehicles + 13-40' buses.
FFY 2013: 55 <30' vehicles + 112-40' 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

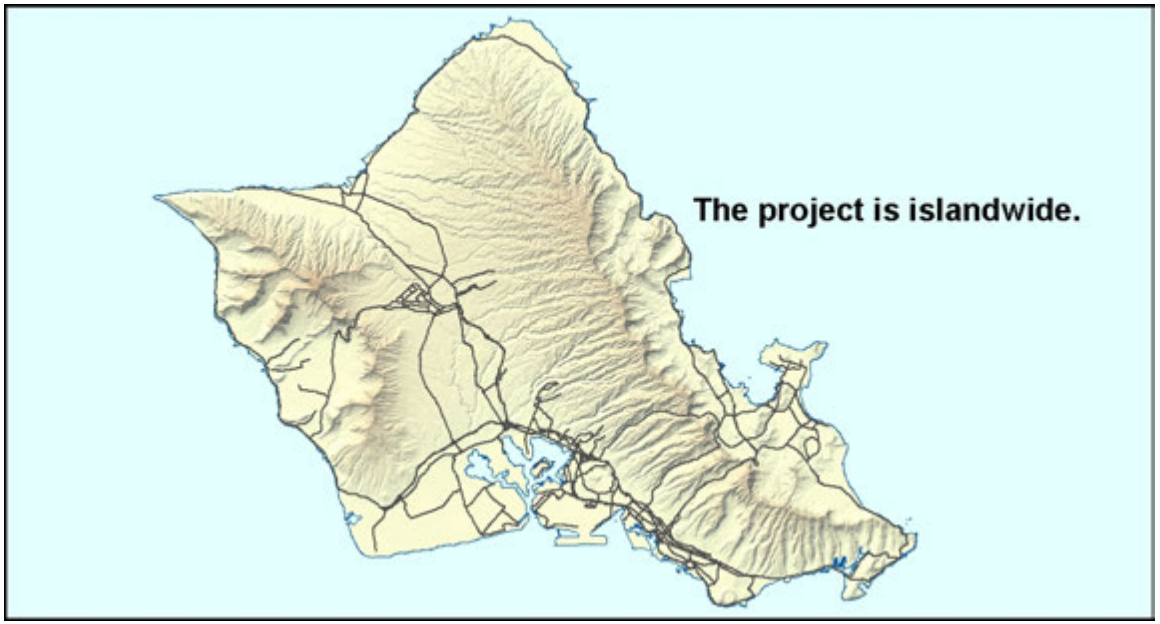
Estimated Total Project Cost: $138,131,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP	0	0	0	0	0	0	22,168	13,000	9,168	16,207	9,006	7,201	0	0	0	0	0	0	§5307/§5340
EQP	0	0	0	9,984	7,987	1,997	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2011)
EQP	0	0	0	0	0	0	16,752	12,564	4,188	0	0	0	0	0	0	0	0	0	§5307/§5340(2012)
EQP	5,713	4,998	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5307/5340TIGGERII
EQP	2,436	1,949	487	2,500	2,000	500	2,668	2,122	546	2,793	2,198	595	3,001	2,214	787	3,094	2,229	865	§5309 FGM
EQP	0	0	0	0	0	0	2,500	1,888	612	0	0	0	0	0	0	0	0	0	§5309 FGM(2008)
EQP	0	0	0	14,040	12,000	2,040	0	0	0	0	0	0	0	0	0	0	0	0	§5309 SOGR
EQP	0	0	0	0	0	0	0	0	0	0	0	0	16,490	0	16,490	17,016	0	17,016	Local Only
INSP	20	18	2	50	45	5	0	0	0	0	0	0	0	0	0	0	0	0	§5307/5340TIGGERII
INSP	104	0	104	111	0	111	115	0	115	119	0	119	123	0	123	127	0	127	Local Only

OC27 Bus Stop ADA Access Improvements



Project Description:
Modify bus stops to comply with the Americans with Disabilities Act (ADA).

Project Website: None

Neighborhood(s): Various Locations

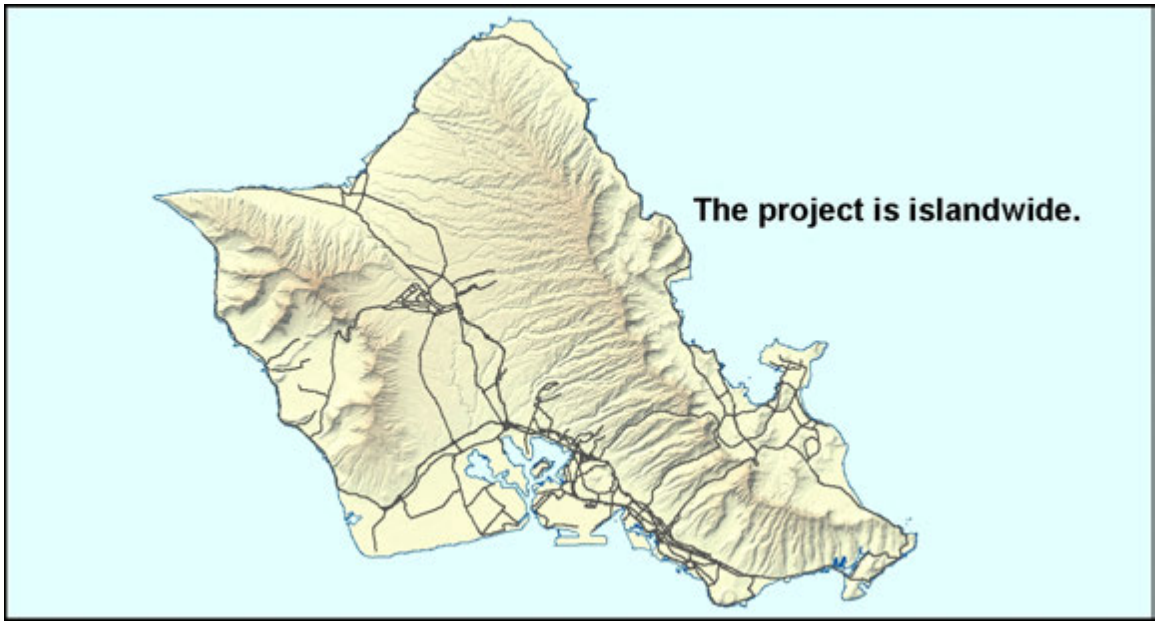
Estimated Total Project Cost: $2,692,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
DES	0	0	0	0	0	0	270	0	270	270	0	270	270	0	270	270	0	270	Local Only
ROW	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
CON	0	0	0	0	0	0	625	368	257	325	0	325	325	0	325	325	0	325	§5307/§5340
EQP	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	Local Only

OC28 Bus Stop Pad Improvements



Project Description:
Construct bus pads at various locations to improve bus stops located in poor roadway conditions.

Project Website: None

Neighborhood(s): Various Locations

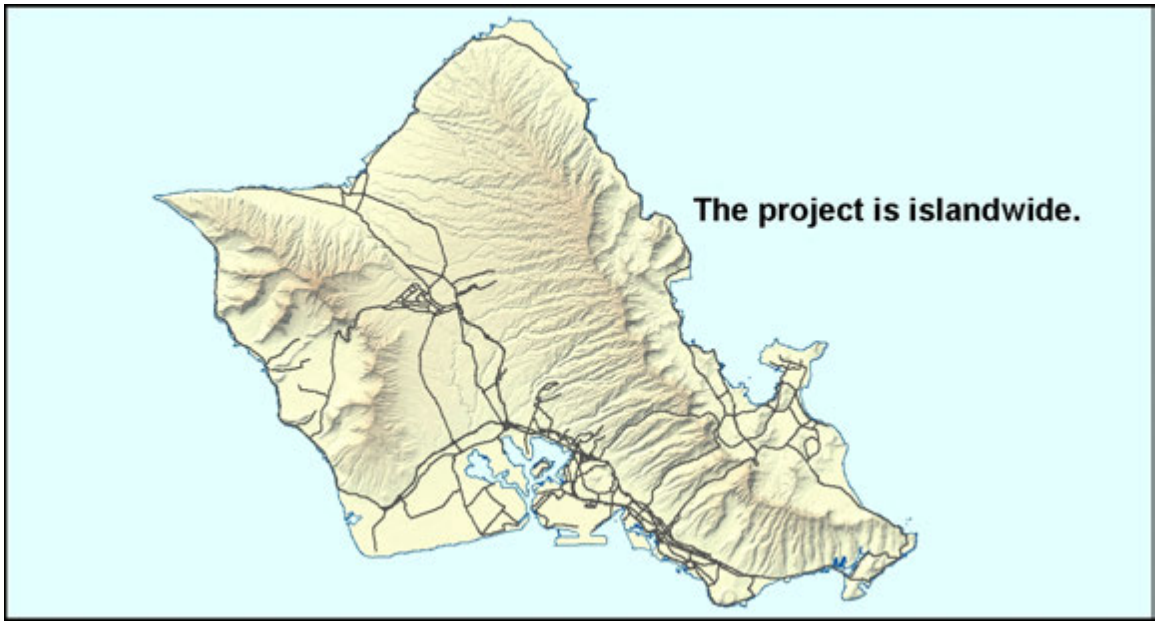
Estimated Total Project Cost: $2,948,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
DES	0	0	0	0	0	0	150	0	150	100	0	100	82	0	82	82	0	82	Local Only
ROW	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	0	10	Local Only
CON	0	0	0	0	0	0	825	306	519	825	0	825	432	0	432	432	0	432	§5307/§5340

OC29 Bus Stop Site Improvements



Project Description:
Improve bus stops, bus shelters, benches, and other improvements at various locations. Site improvements will include walkway improvements, if needed at the bus stop.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $2,339,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	0	0	0	5	0	5	5	0	5	5	0	5	5	0	5	Local Only
DES	0	0	0	0	0	0	200	0	200	90	0	90	90	0	90	90	0	90	Local Only
ROW	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	625	332	293	405	0	405	405	0	405	405	0	405	§5307/§5340
EQP	0	0	0	0	0	0	1	0	1	5	0	5	1	0	1	1	0	1	Local Only

OC15 Honolulu High-Capacity Transit Corridor Project

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; and professional services related to real estate and vehicles.

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

Neighborhood(s): Makakilo-Kapolei-Honokai Hale, Ewa, Waipahu, Pearl City

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:
Honolulu Authority for Rapid Transportation

OC15 Honolulu High-Capacity Transit Corridor Project

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
HHCTCP	0	0	0	0	0	0	0	0	0	0	0	0	103,024	32,000	71,024	63,116	33,000	30,116	§5307/§5340
HHCTCP	80,900	30,000	50,900	0	0	0	0	0	0	888,801	250,000	638,801	643,976	200,000	443,976	382,884	200,000	182,884	§5309 NS(2010)
HHCTCP	0	0	0	0	0	0	171,875	55,000	116,875	0	0	0	0	0	0	0	0	0	§5309 NS(2011)
HHCTCP	0	0	0	0	0	0	698,475	200,000	498,475	0	0	0	0	0	0	0	0	0	§5309 NS(2012)
HHCTCP	0	0	0	0	0	0	825,100	250,000	575,100	0	0	0	0	0	0	0	0	0	§5309 NS(2013)

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: $991,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP	0	0	0	0	0	0	65	52	13	0	0	0	0	0	0	0	0	0	§5316 JARC-Urban
OPR	0	0	0	190	95	95	208	104	104	168	84	84	176	88	88	184	92	92	§5316 JARC-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.

In Revision #9 to the FFYs 2011-2014 TIP, the project was deferred from FFY 2012 to FFY 2015. 23 CFR 450.324(h) requires an inflation factor to be used in the development of financial plans for projects funded with Federal dollars. For purposes of STIP development, the Hawaii Department of Transportation's 2007 policy requires a 4% annual inflation rate assumption. The City recognizes that deferring this project is likely to erode the purchasing power of the project budget. However, additional local match for this project cannot be identified at this time. If necessary, the project scope will be adjusted to meet the budgetary limit, or the project may be phased depending upon the availability of funds at the time of construction.

Project Website: None

Neighborhood(s): Kalihi-Palama

Estimated Total Project Cost: $34,134,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

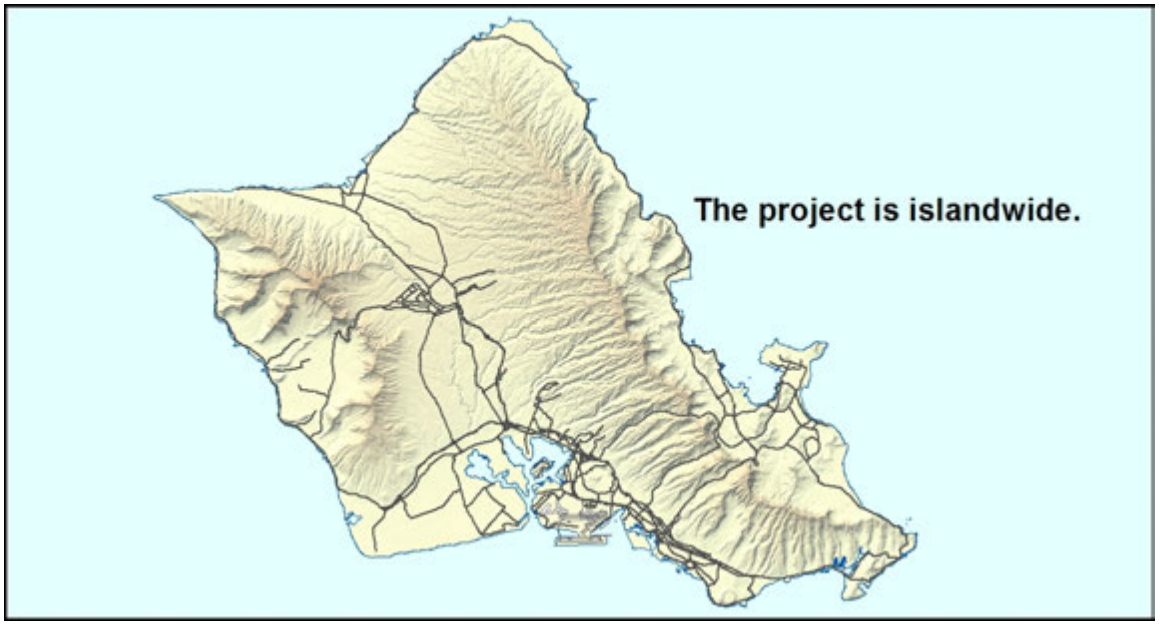
Agency Responsible for Carrying Out Project/Phase:
City Department of Transportation Services

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	Local Only
DES	300	0	300	0	0	0	0	0	0	0	0	0	2,500	0	2,500	200	0	200	Local Only

OC17 Middle Street Intermodal Center

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,810	1,327	483	29,322	23,458	5,864	§5309 BC
EQP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	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: $2,249,000
(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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
EQP	0	0	0	0	0	0	0	0	0	12	10	2	13	10	3	14	11	3	§5316 JARC-Urban
OPR	496	397	99	318	254	64	318	254	64	274	219	55	289	231	58	245	196	49	§5316 JARC-Urban
OPR	100	80	20	54	43	11	54	43	11	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

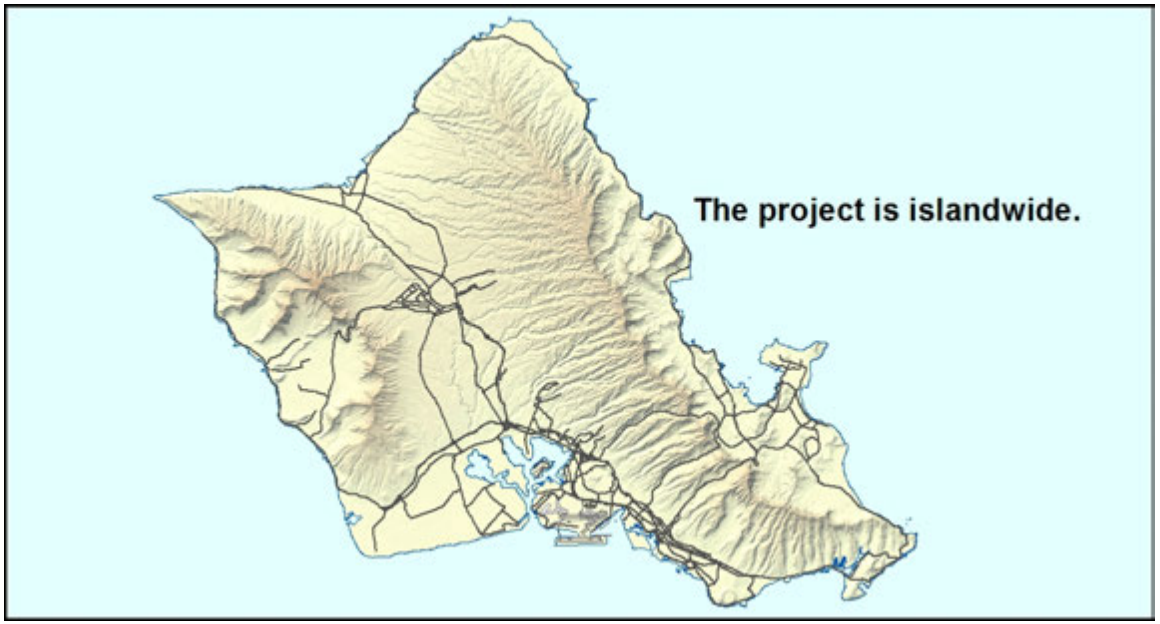
Estimated Total Project Cost: $277,994,000
(May include project costs outside of the 4-year TIP and 2 informational years.)

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

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
OPR	0	0	0	43,080	21,000	22,080	36,015	21,000	15,015	46,595	26,000	20,595	48,459	0	48,459	50,397	0	50,397	§5307/§5340
OPR	0	0	0	0	0	0	7,864	4,200	3,664	0	0	0	0	0	0	0	0	0	§5307/§5340(2008)
OPR	0	0	0	45,584	27,161	18,423	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2011)

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

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
OPR	146	73	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	§5317 NF-Urban

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 facilties.

In Revision #12 to the FFYs 2011-2014 TIP, funds were deferred from FFY 2011 to FFY 2012, and from FFY 2012 to FFY 2013.

23 CFR 450.324(h) requires an inflation factor to be used in the development of financial plans for projects funded with Federal dollars. For purposes of STIP development, the Hawaii Department of Transportation's 2007 policy requires a 4% annual inflation rate assumption. The City recognizes that deferring this project is likely to erode the purchasing power of the project budget. However, additional local match for this project cannot be identified at this time. If necessary, the project scope will be adjusted to meet the budgetary limit, or the project may be phased depending upon the availability of funds at the time of construction.

Project Website: None

Neighborhood(s): Various Locations

Estimated Total Project Cost: $2,877,000
(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						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only

OC21 Transit Safety and Security Projects

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
CON	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
EQP	0	0	0	0	0	0	413	330	83	413	330	83	413	330	83	413	330	83	§5307/§5340
EQP	0	0	0	455	365	90	0	0	0	0	0	0	0	0	0	0	0	0	§5307/§5340(2011)
EQP	0	0	0	0	0	0	754	364	390	0	0	0	0	0	0	0	0	0	§5307/§5340(2012)

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.

In Revision #9 to the FFYs 2011-2014 TIP, the project was deferred from FFY 2012 to FFY 2013. 23 CFR 450.324(h) requires an inflation factor to be used in the development of financial plans for projects funded with Federal dollars. For purposes of STIP development, the Hawaii Department of Transportation's 2007 policy requires a 4% annual inflation rate assumption. The City recognizes that deferring this project is likely to erode the purchasing power of the project budget. However, additional local match for this project cannot be identified at this time. If necessary, the project scope will be adjusted to meet the budgetary limit, or the project may be phased depending upon the availability of funds at the time of construction.

Project Website: None

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

Estimated Total Project Cost: $31,559,000
(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						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	Local Only
DES	0	0	0	0	0	0	0	0	0	50	0	50	8,000	0	8,000	1	0	1	Local Only

OC22 West Oahu Bus and Handi-Van Maintenance Facility

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
ROW	0	0	0	0	0	0	0	0	0	1,000	0	1,000	1	0	1	1	0	1	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	21,500	17,200	4,300	§5309 BC
EQP	0	0	0	0	0	0	0	0	0	1,000	0	1,000	0	0	0	0	0	0	Local Only
REL	0	0	0	0	0	0	0	0	0	0	0	0	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.

In Revision #9 to the FFYs 2011-2014 TIP, the project was deferred from FFY 2012 to FFY 2013. 23 CFR 450.324(h) requires an inflation factor to be used in the development of financial plans for projects funded with Federal dollars. For purposes of STIP development, the Hawaii Department of Transportation's 2007 policy requires a 4% annual inflation rate assumption. The City recognizes that deferring this project is likely to erode the purchasing power of the project budget. However, additional local match for this project cannot be identified at this time. If necessary, the project scope will be adjusted to meet the budgetary limit, or the project may be phased depending upon the availability of funds at the time of construction.

Project Website: None

Neighborhood(s): Kailua, Kaneohe, Kahaluu

Estimated Total Project Cost: $3,557,000
(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						
	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FFY 2015			FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
PLN	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	200	0	200	200	0	200	0	0	0	Local Only
ROW	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	3,000	0	3,000	0	0	0	0	0	0	Local Only
EQP	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	Local Only

OC23 Windward Transit Center

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016			
Phase	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Total (x$1000)	Federal (x$1000)	Local (x$1000)	Funding Category
INSP	0	0	0	0	0	0	0	0	0	150	0	150	1	0	1	0	0	0	Local Only

FFYs 2011-2014 TIP REVISION #25 FUNDING SUMMARY

	FFY 2011			FFY 2012			FFY 2013			FFY 2014			FOR INFORMATION ONLY FFY 2015			FOR INFORMATION ONLY FFY 2016		
	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)	TOTAL (x$1000)	FEDERAL (x$1000)	LOCAL (x$1000)
FHWA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #24	44,344	36,266	8,078	59,509	40,507	19,002	134,720	78,433	56,287	172,751	67,207	105,544	164,932	138,234	26,698	160,163	112,695	47,468
Revision #25 Changes	0	0	0	0	0	0	(20,000)	(16,000)	(4,000)	20,400	16,320	4,080	0	0	0	0	0	0
Total as of Revision #25	**44,344**	**36,266**	**8,078**	**59,509**	**40,507**	**19,002**	**114,720**	**62,433**	**52,287**	**193,151**	**83,527**	**109,624**	**164,932**	**138,234**	**26,698**	**160,163**	**112,695**	**47,468**
C&C of Honolulu - Sponsored Projects																		
As of Revision #24	39,056	15,329	23,727	19,807	11,648	8,159	25,939	18,269	7,670	50,441	14,393	36,048	78,465	32,720	45,745	63,246	38,294	24,952
Revision #25 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #25	**39,056**	**15,329**	**23,727**	**19,807**	**11,648**	**8,159**	**25,939**	**18,269**	**7,670**	**50,441**	**14,393**	**36,048**	**78,465**	**32,720**	**45,745**	**63,246**	**38,294**	**24,952**
TOTAL FHWA	**83,400**	**51,595**	**31,805**	**79,316**	**52,155**	**27,161**	**140,659**	**80,702**	**59,957**	**243,592**	**97,920**	**145,672**	**243,397**	**170,954**	**72,443**	**223,409**	**150,989**	**72,420**
FTA-FUNDED PROJECTS																		
State of Hawaii - Sponsored Projects																		
As of Revision #24	319	255	64	260	130	130	1,247	886	361	901	721	180	928	743	185	956	765	191
Revision #25 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #25	**319**	**255**	**64**	**260**	**130**	**130**	**1,247**	**886**	**361**	**901**	**721**	**180**	**928**	**743**	**185**	**956**	**765**	**191**
C&C of Honolulu - Sponsored Projects																		
As of Revision #24	90,447	37,630	52,817	116,790	71,140	45,650	1,788,478	562,118	1,226,360	963,427	288,152	675,275	830,748	236,520	594,228	570,876	276,900	293,976
Revision #25 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #25	**90,447**	**37,630**	**52,817**	**116,790**	**71,140**	**45,650**	**1,788,478**	**562,118**	**1,226,360**	**963,427**	**288,152**	**675,275**	**830,748**	**236,520**	**594,228**	**570,876**	**276,900**	**293,976**
TOTAL FTA	**90,766**	**37,885**	**52,881**	**117,050**	**71,270**	**45,780**	**1,789,725**	**563,004**	**1,226,721**	**964,328**	**288,873**	**675,455**	**831,676**	**237,263**	**594,413**	**571,832**	**277,665**	**294,167**

FHWA REGULAR FORMULA FUNDS PROGRAMMED

	FFY 2011 (x$1000)	FFY 2012 (x$1000)	FFY 2013 (x$1000)	FFY 2014 (x$1000)	FOR INFORMATION ONLY FFY 2015 (x$1000)	FOR INFORMATION ONLY FFY 2016 (x$1000)
FHWA-FUNDED PROJECTS						
State of Hawaii-Sponsored Projects						
Bridge On/Off-System	3,930	160	360	9,974	38,207	37,612
Earmark High Priority	0	0	800	0	1,065	0
Highway Safety Improvement Program	2,079	0	10,836	6,562	0	0
Interstate Maintenance	0	25,520	0	4,635	28,128	47,555
Interstate Maintenance Discretionary	0	0	0	4,300	0	0
National Highway System	11,720	7,440	40,850	47,480	45,297	27,241
Recreational Trails Program	287	287	287	287	287	287
STP Flexible	16,250	7,100	9,300	2,992	21,088	0
Transportation Enhancement	2,000	0	0	7,297	4,162	0
State of Hawaii - FHWA Total	**36,266**	**40,507**	**62,433**	**83,527**	**138,234**	**112,695**
City and County of Honolulu-Sponsored Projects						
Bridge Off-System	720	720	800	2,000	800	1,280
STP Flexible	14,609	10,928	17,469	12,393	31,920	37,014
City and County of Honolulu - FHWA Total	**15,329**	**11,648**	**18,269**	**14,393**	**32,720**	**38,294**
FHWA TOTAL	**51,595**	**52,155**	**80,702**	**97,920**	**170,954**	**150,989**
Less Discretionary Funds, etc.	0	0	(800)	(4,300)	(1,065)	0
FHWA REGULAR FORMULA FUNDS TOTAL	**51,595**	**52,155**	**79,902**	**93,620**	**169,889**	**150,989**

FINANCIAL PLAN
FFYs 2011-2014 TIP as of Revision #25

The FHWA program is financially constrained, as demonstrated in the following tables. The amount of FHWA funds estimated to be available for projects on Oahu is determined through a cooperative agreement between OahuMPO, HDOT, and DTS. Information on the revenues estimated to be available for the entire State of Hawaii is available in the HDOT's FFYs 2011-2014 STIP, as revised. Refer to Chapter 7 of the TIP for additional information on FHWA and FTA funding sources.

FHWA Financial Constraint – FFY 2011

FFY 2011	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Bridge On/Off-System	3,930	545	4,475	4,475	0
Highway Safety Improvement Program	2,079	231	2,310	2,310	0
National Highway System	11,720	2,680	14,400	14,400	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	30,859	5,150	36,009	36,009	0
Transportation Enhancement	2,000	500	2,500	2,500	0
Local Only	0	22,447	22,447	22,447	0
Total	**51,595**	**31,805**	**83,400**	**83,400**	**0**

FHWA Financial Constraint – FFY 2012

FFY 2012	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Funds Balance (x$1000)
Bridge Off-System	720	180	900	900	0
Bridge On/Off-System	160	40	200	200	0
Interstate Maintenance	25,520	6,380	31,900	31,900	0
National Highway System	7,440	1,610	9,050	9,050	0
Recreational Trails Program	287	72	359	359	0
STP Flexible	18,028	13,083	31,111	31,111	0
Local Only	0	5,796	5,796	5,796	0
Total	**52,155**	**27,161**	**79,316**	**79,316**	**0**

FHWA Financial Constraint – FFY 2013

FFY 2013	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Funds Balance (x$1000)
Bridge Off-System	800	200	1000	2000	0
Bridge On/Off-System	360	89	449	898	0
Earmark High Priority	800	200	1,000	1,000	
Highway Safety Improvement Program	10,836	1,204	12,040	24,080	0
Interstate Maintenance/National Highway System/STP Flex	0	29,600	29,600	29,600	0
National Highway System	40,850	11,650	52,500	105,000	0
Recreational Trails Program	287	72	359	718	0
STP Flexible	26,769	827	27,596	55,192	0
Local Only	0	16,115	16,115	16,115	0
Total	**80,702**	**59,957**	**140,659**	**234,603**	**0**

FHWA Financial Constraint – FFY 2014

FFY 2014	Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Funds Balance (x$1000)
Bridge Off-System	2,000	500	2,500	5,000	0
Bridge On/Off-System	9,974	17,469	27,443	54,886	0
Highway Safety Improvement Program	6,562	1,140	7,702	15,404	0
Interstate Maintenance	4,635	10,370	15,005	30,010	0
Interstate Maintenance Discretionary	4,300	500	4,800	9,600	
Interstate Maintenance/National Highway System/STP Flex	0	36,400	36,400	72,800	0
National Highway System	47,480	44,840	92,320	184,640	0
Recreational Trails Program	287	72	359	718	0
STP Flexible	15,385	8,452	23,837	47,674	0
Transportation Enhancement	7,297	1,825	9,122	9,122	
Local Only	0	24,104	24,104	48,208	0
Total	**97,920**	**145,672**	**243,592**	**478,062**	**0**

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

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

FFY 2011	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Federal Funds Prior Year Carryover (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5307 Urbanized Area Formula*	35,148	717	5,016	40,881	5,733	35,148
§5309 Fixed Guideway Modernization	1,949	487	0	2,436	2,436	0
§5309 NS HHCTP	30,000	50,900	0	80,900	80,900	0
§5316 JARC Urban	397	99	0	496	496	0
§5317 NF Urban	268	208	0	476	476	0
Local Funds Only	0	406	0	406	406	0
FTA Total	**67,762**	**52,817**	**5,016**	**125,595**	**90,447**	**35,148**

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

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

FFY 2012	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Federal Funds Prior Year Carryover (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5307 Urbanized Area Formula*	34,338	42,595	35,148	112,081	99,153	12,928
§5309 State of Good Repair	12,000	2,040	0	14,040	14,040	0
§5309 Fixed Guideway Modernization	2,000	500	0	2,500	2,500	0
§5316 JARC Urban	349	159	0	508	508	0
§5317 NF Urban	233	243	0	476	476	0
Local Funds Only	0	113	0	113	113	0
FTA Total	**48,920**	**45,650**	**35,148**	**129,718**	**116,790**	**12,928**

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

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

FFY 2013	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Federal Funds Prior Year Carryover (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5307 Urbanized Area Formula*	35,336	33,577	17,128**	86,041	86,041	0
§5309 Fixed Guideway Modernization	2,122	1,158	1,888***	5,168	5,168	0
§5309 NS HHCTP	505,000	1,190,450	0	1,695,450	1,695,450	0
§5316 JARC Urban	410	181	0	591	591	0
§5317 NF Urban	234	246	0	480	480	0
Local Funds Only	0	748	0	748	748	0
FTA Total	**543,102**	**1,226,360**	**19,016**	**1,788,478**	**1,788,478**	**0**

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

**In TIP Revision #23, included FFY 2008 Bus Preventive Maintenance carryover of $5,124,000 from Grant HI-90-X026-01 and $12,928,000 from FFY 2012. In this Revision, decreased carryover amount by $924,000.

***Includes FFY 2008 Fixed Guideway Modernization carryover of $1,888,000 from Grant HI-05-0206

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

FFY 2014	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Federal Funds Prior Year Carryover (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5307 Urbanized Area Formula*	35,336	27,882	0	63,218	63,218	0
§5309 Fixed Guideway Modernization	2,198	595	0	2,793	2,793	0
§5309 NS HHCTP	250,000	638,801	0	888,801	888,801	0
§5316 JARC Urban	414	242	0	656	656	0
§5317 NF Urban	204	204	0	408	408	0
Local Funds Only	0	7,551	0	7,551	7,551	0
FTA Total	**288,152**	**675,275**	**0**	**963,427**	**963,427**	**0**

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

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

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

FTA Financial Constraint (State of Hawaii Projects) – FFY 2012

FFY 2012	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5316 JARC Small Urban	**70**	70	140	280	0
§5317 New Freedom Small Urban	**60**	60	120	120	0
FTA Total	**130**	**130**	**260**	**400**	**0**

FTA Financial Constraint (State of Hawaii Projects) – FFY 2013

FFY 2013	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5310 Elderly and Disabled Specialized Transit Program	**700**	175	875	875	0
§5316 JARC Small Urban	**70**	70	140	140	0
§5317 New Freedom Small Urban	**116**	116	232	232	0
FTA Total	**886**	**361**	**1247**	**1247**	**0**

FTA Financial Constraint (State of Hawaii Projects) – FFY 2014

FFY 2014	Estimated Federal Funds Available for Oahu (x$1000)	Local Funds (x$1000)	Total Sources (x$1000)	Total Uses (x$1000)	Federal Funds Balance (x$1000)
§5310 Elderly and Disabled Specialized Transit Program	721	180	901	901	
§5316 JARC Small Urban	0	0	0	0	0
§5317 New Freedom Small Urban	0	0	0	0	0
FTA Total	**721**	**180**	**901**	**901**	**0**

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