

FYs 2008 - 2011 TRANSPORTATION IMPROVEMENT PROGRAM

REVISION #4: EXPEDITED ADMINISTRATIVE MODIFICATION

**Approved by the OahuMPO Policy Committee
July 22, 2008**



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ABBREVIATIONS

OVERALL ABBREVIATIONS

3-C	Continuing, Cooperative, Comprehensive
CAC	OahuMPO Citizen Advisory Committee
CMP	Congestion Management Process
DTS	City and County of Honolulu Department of Transportation Services
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year (Federal: October - September)
HDOT	Hawaii Department of Transportation
ITS	Intelligent Transportation Systems
JARC	Job Access and Reverse Commute
OahuMPO	Oahu Metropolitan Planning Organization
OPP	OahuMPO Participation Plan
ORITSA	Oahu Regional Intelligent Transportation System Architecture
ORTP	Oahu Regional Transportation Plan
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users
STIP	Statewide Transportation Improvement Program
TIP	Transportation Improvement Program

ABBREVIATIONS USED IN PROJECT LISTING

FHWA Funding Categories

Bridge Off	Bridge Off-System
Bridge On	Bridge On-System
CMAQ	Congestion Mitigation and Air Quality Improvement Program
Discret	Discretionary Funds
Earmark HP	Earmark High Priority
Enhance	STP Enhancement
FHWA X-fer	Transfer from FTA to FHWA
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
NHS	National Highway System
Pub Lands	Public Lands Discretionary
Section 115	Earmark Section 115
STP Flex	STP Flexible

FTA Funding Categories

§5309 BC	FTA §5309 Bus and Bus-Related Facilities
§5309 FGM	FTA §5309 Fixed Guideway Modernization
§5309 NS	FTA §5309 New Starts
§5309 Ferry	FTA §5309 New Starts (Ferry Allocation)
§5307	FTA §5307 Urbanized Area Formula Program
§5340	FTA §5340 Growing States and High Density States Formula Program

Locally Funded Categories

Local Only	Locally Funded
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Project Phases

PREROW	Pre-Right-of-Way
ROW	Right-of-Way
ROW/CON	Right-of-Way/Construction
PLN	Planning
DES	Design
DES/CON	Design/Construction
ADVCON	Advance Construction
CON	Construction
CON/INSP	Construction/Inspection
EQP	Equipment
REL	Relocation
OPR	Operations
INSP	Inspection

**OAHU METROPOLITAN PLANNING ORGANIZATION
FYs 2008 - 2011 TRANSPORTATION IMPROVEMENT PROGRAM**

**REVISION #4
Expedited Administrative Modification**

This revision consists of expedited administrative modifications that require OahuMPO Policy Committee approval, but do not require prior review by the Technical Advisory Committee or solicitation of public comment. Refer to Chapter 10 of the TIP for additional details.

These actions resulted in a reduction of the sum of regular formula FHWA funds programmed for Oahu.

PROJECT

NUMBER PROJECT NAME (sorted by project name)

REVISION DESCRIPTION

FHWA- FUNDED PROJECTS

State of Hawaii - Sponsored Projects

S10	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1B	Deferred and inflated CON (by 4% per year) from FY 2008 to FY 2009, and from FY 2009 from FY 2010. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.
S11	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C	Deferred and inflated DES (by 4% per year) from FY 2009 to FY 2010. Deferred and inflated CON (by 4% per year) from FY 2010 to FY 2012. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.
S12	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2A	Deferred and inflated DES (by 4% per year) from FY 2010 to FY 2011. Deferred \$10,000,000 in CON funds from FY 2012 to a year after 2013. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.
S14	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager	Deferred and inflated DES (by 4% per year) from FY 2009 to FY 2011. Previous local matching funds availability issues for the entire Freeway Management System has delayed this effort.
S17	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	Increased CON in FY 2009 by \$1,000,000. Cost increase is mainly due to structural work on the viaduct with upgrades to four railings instead of two.
S21	Interstate Route H-1, Kapolei Interchange, Phase 2	Programmed costs into a new funding category for recently-designated Interstate Maintenance Discretionary funds. Reduced the National Highway System portion as a result. Construction cost estimates remain the same.
S23	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1	Deferred and inflated CON (by 4% per year) from FY 2009 to 2010. This project has been deferred to accommodate other HDOT priorities. Also, awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.
S28	Interstate Route H-1, PM Contraflow, Westbound Waiawa Interchange Improvements (Four westbound through lanes)	Revised project name to add detail (previously called "Interstate Route H-1, PM Contraflow, Westbound"). Deferred and inflated CON (by 4% per year) from FY 2009 to 2010. Awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.

PROJECT NUMBER	PROJECT NAME (sorted by project name)	REVISION DESCRIPTION
FHWA- FUNDED PROJECTS		
<u>State of Hawaii - Sponsored Projects</u>		
S29	Interstate Route H-1, PM Zipper Lane, Westbound	Project is on hold due to issues with funding appropriation. Deferred and inflated CON (by 4% per year) from FY 2008 to 2009.
S41	Kalaeloa Roadway, Improvements, Vicinity of Barber's Point Naval Air Station	Changed funding category from National Highway System to STP Flexible. The project's roads are not on the National Highway System.
S43	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park	Deferred and inflated ROW (by 4% per year) from FY 2008 to 2009. ROW maps are not yet available. Changed funding category from Earmark - High Priority to National Highway System.
S44	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	Changed funding category from STP Flexible to National Highway System.
S45	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	Changed funding category from STP Flexible to National Highway System.
S46	Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III	Changed funding category from STP Flexible to National Highway System.
S53	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	Deferred \$2,750,000 in CON from FY 2013 to a year after FY 2013 due to priority shifts in bridge program.
S54	Kamehameha Highway, Bridge Rehabilitation, Waikane Stream Bridge	Increased DES in FY 2008 by \$200,000. Scoping Analysis indicated that it was possible that this bridge would need more than rehabilitation work. Bridge replacement may be necessary. Design estimate was increased to look at that possibility in more detail and design for it, if necessary.
S63	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	Deferred and inflated (by 4% per year) ROW from FY 2008 to FY 2009 due to right-of-way issues.
S66	Kamehameha Highway, Bridge Replacement, Waiahole Bridge	Deferred and inflated (by 4% per year) CON from FY 2009 to FY 2010. Need to address new temporary detour road alignment.
S71	Kamehameha Highway, Rockfall Protection, Vicinity of Kahuku	Deferred and inflated (by 4% per year) DES from FY 2008 to FY 2009. Deferred and inflated CON (by 4% per year) from FY 2011 to FY 2012. HDOT is focusing on higher priority rockfall protection projects.
S78	Kamehameha Highway, Traffic Improvements, Kahuluu to Waimea Bay	Deferred \$12,500,000 in CON funds from FY 2013 to a year after FY 2013. An extensive planning process is needed to cover the proposed scope of work.
S80	Kamehameha Highway, Widening, Lanikuhana Avenue to Ka Uka Boulevard	Deferred and inflated (by 4% per year) PLN from FY 2012 (outside of the TIP) to 2013. Deferred \$3,000,000 in ROW funds from FY 2013 to a year after FY 2013. Environmental documents are anticipated to take at least 3 years to complete.
S81	Leeward Bikeway, Phase 1, Waipio Point Access Road to Hawaii Railroad Society Train Station	Deferred and inflated (by 4% per year) ROW from FY 2008 to FY 2009. ROW needs are not yet known.

PROJECT NUMBER	PROJECT NAME (sorted by project name)	REVISION DESCRIPTION
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FHWA- FUNDED PROJECTS

State of Hawaii - Sponsored Projects

S84	Moanalua Freeway and Interstate Route H-2, Guardrail and Shoulder Improvements	Increased CON in FY 2009 by \$200,000 to reflect a more refined construction cost estimate.
S90	North-South Road, Kapolei Parkway to Vicinity of H-1 Freeway, Phase II	Reduced the ADVCON reimbursement in FY 2007 from \$15,000,000 to \$8,665,000 based on actual bids.
S96	Vineyard Boulevard, Improvements, Vicinity of Queen's Medical Center	Deferred and inflated (by 4% per year) DES and CON funds from FY 2008 to FY 2009. The schedule for improvements has not yet been determined. Queen's Medical Center is currently in the process of applying for federal earmarked funds.

City and County of Honolulu - Sponsored Projects

C01	Alapai Transportation Management Center	Deferred DES/CON phase from FY 2008 to FY 2009 and reduced the programmed amount by \$12,040,000. Deferred ADVCON to begin in FY 2011 instead of FY 2008. Rescheduled CON phases as planning is currently ongoing. Revised cost estimates to reflect work phase changes.
C03	Computerized Traffic Control System	Revised project descriptions to reflect estimated work activity. Revised project description for FY 2008 construction phase by replacing Waipahu, Waikele, and Waipio with Kapolei/Makakilo. Revised project description for FY 2008 design phase by replacing Kapolei/Makakilo with Waipahu, Waikele, and Waipio. No changes were made to the amounts programmed.
C05	Kapunahala Stream Flood Control Project	Deferred and inflated CON (by 4% per year) from FY 2009 to FY 2012 (outside of the 4-year TIP) as additional planning is required to identify an appropriate relief drain system alignment. Deleted the advance construction financing technique.
C08	Seismic Bridge Retrofit	Deleted \$450,000 in DES funds in FY 2008. Currently, there are no seismic bridge retrofit projects that will use federal funds. Local funds will be used.
C10	Traffic Improvements at Various Locations	Increased DES in FY 2008 by \$300,000 to reflect current design costs.
C13	Traffic Signals at Various Locations	Revised project locations to reflect estimated work activity.

FTA- FUNDED PROJECTS

City and County of Honolulu - Sponsored Projects

C18	Intra-Island Ferry	Deferred and inflated (by 4%) DES from FY 2008 to FY 2009 as planning phase is currently ongoing.
C21	Transfer to FHWA for Vanpool	Increased OPR by \$318,000 in FY 2008, by \$398,000 in FY 2009, by \$487,000 in FY 2010, by \$583,000 in FY 2011, by \$688,000 in FY 2012, and by \$802,000 in FY 2013 to reflect actual transfer amounts.

S10 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1B



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FY 2008 to FY 2009, and from FY 2009 from FY 2010. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.

Project Description:

Manage and guide the Intelligent Transportation System (ITS) program. The project includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. Phase 1 involves the development of the CCTV system.

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$44,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
CON	0	0	0	4,160	3,328	832	4,160	3,328	832	0	0	0	0	0	0	0	0	0	0	IM

S11 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C



TIP Revision #4 Details:

Deferred and inflated DES (by 4% per year) from FY 2009 to FY 2010. Deferred and inflated CON (by 4% per year) from FY 2010 to FY 2012. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.

Project Description:

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

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$44,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	1,900	1,520	380	0	0	0	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	10,816	8,653	2,163	0	0	0	NHS

S12 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2A



TIP Revision #4 Details:

Deferred and inflated DES (by 4% per year) from FY 2010 to FY 2011. Deferred \$10,000,000 in CON funds from FY 2012 to a year after 2013. Previous local matching funds availability issues for the entire Freeway Management System have delayed this effort.

Project Description:

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

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$44,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	1,900	1,520	380	0	0	0	0	0	0	IM
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM

S14 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager

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

TIP Revision #4 Details:

Deferred and inflated DES (by 4% per year) from FY 2009 to FY 2011. Previous local matching funds availability issues for the entire Freeway Management System has delayed this effort.

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.

Neighborhood(s): Various Locations

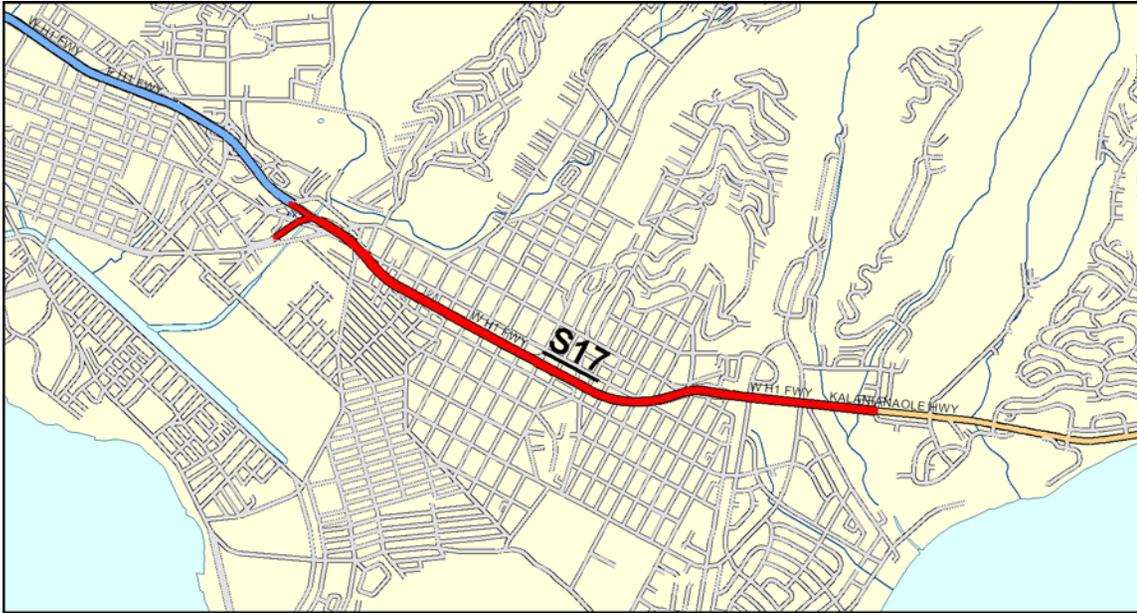
Total Estimated Project Cost: \$44,122,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008						FY 2009						FY 2010						FY 2011						FOR INFORMATION ONLY						Funding Category
	Total		Federal		Local		Total		Federal		Local		Total		Federal		Local		Total		Federal		Local		Total		Federal		Local		
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																										
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

S17 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue



TIP Revision #4 Details:

Increased CON in FY 2009 by \$1,000,000. Cost increase is mainly due to structural work on the viaduct with upgrades to four railings instead of two.

Project Description:

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

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

Total Estimated Project Cost: \$5,550,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	5,300	4,770	530	0	0	0	0	0	0	0	0	0	0	0	0	IM

S21 Interstate Route H-1, Kapolei Interchange, Phase 2



TIP Revision #4 Details:

Programmed costs into a new funding category for recently-designated Interstate Maintenance Discretionary funds. Reduced the National Highway System portion as a result. Construction cost estimates remain the same.

Project Description:

Phase 2 completes the Kapolei Interchange Complex. 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. This project was called "Interstate H-1, Addition and Modification of Freeway Access, Makakilo Interchange to Palilail Interchange (Kapolei Interchange Complex) in previous TIP documents.

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

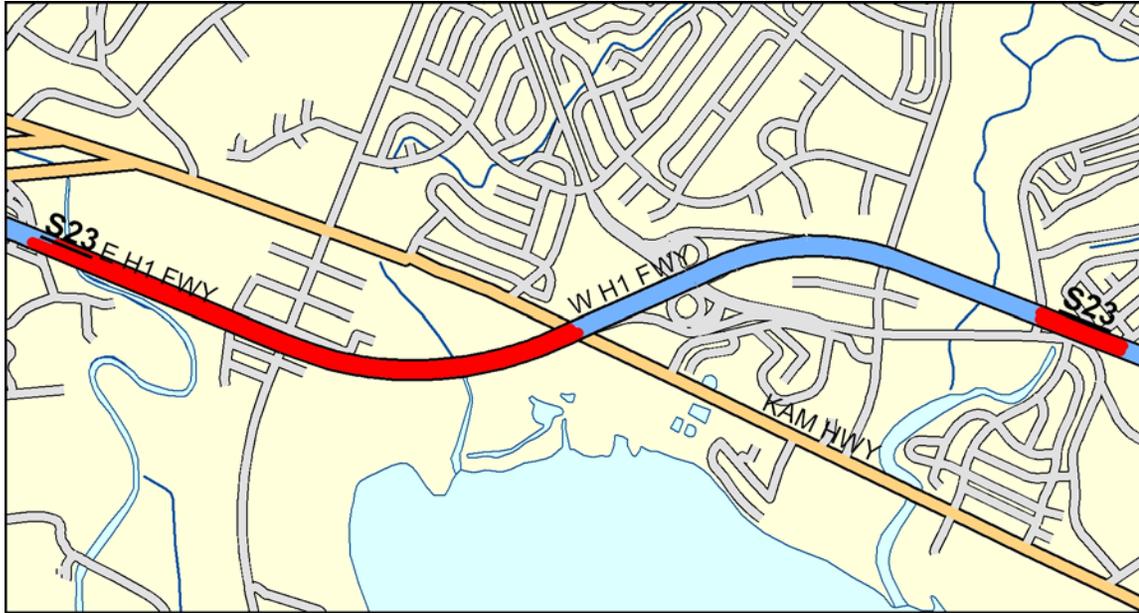
Total Estimated Project Cost: \$27,400,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,000	900	100	0	0	0	IM Discret
CON	0	0	0	0	0	0	0	0	0	0	0	0	24,000	21,600	2,400	0	0	0	NHS

S23 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FY 2009 to 2010. This project has been deferred to accommodate other HDOT priorities. Also, awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.

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.

Neighborhood(s): Pearl City, Aiea

Total Estimated Project Cost: \$50,000,000

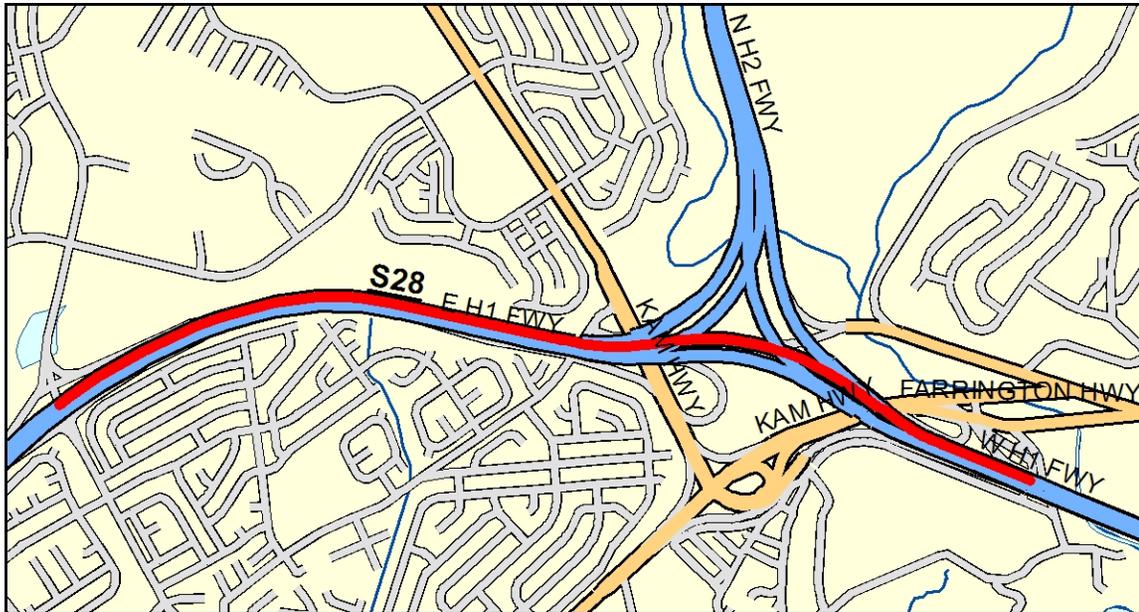
Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	5,200	4,680	520	0	0	0	0	0	0	0	0	0	IM

S28 Interstate Route H-1, PM Contraflow, Westbound Waiawa Interchange Improvements (Four westbound through lanes)



TIP Revision #4 Details:

Revised project name to add detail (previously called "Interstate Route H-1, PM Contraflow, Westbound"). Deferred and inflated CON (by 4% per year) from FY 2009 to 2010. Awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.

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. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.

Neighborhood(s): Waipahu

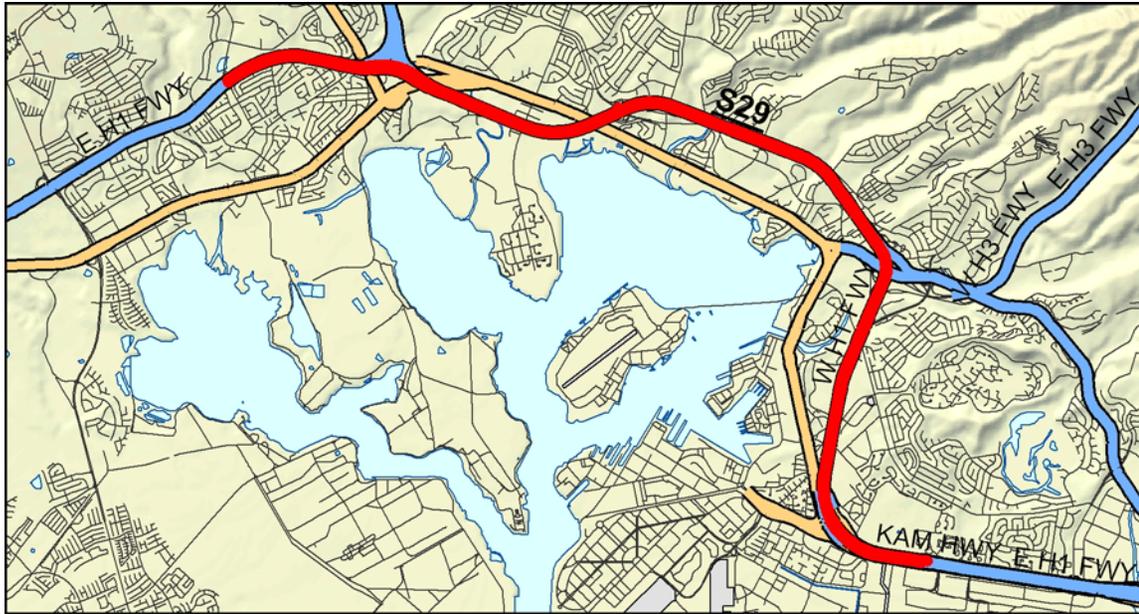
Total Estimated Project Cost: \$165,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
CON	0	0	0	0	0	0	20,800	0	20,800	0	0	0	0	0	0	0	0	0	0	Local Only

S29 Interstate Route H-1, PM Zipper Lane, Westbound



TIP Revision #4 Details:

Project is on hold due to issues with funding appropriation. Deferred and inflated CON (by 4% per year) from FY 2008 to 2009.

Project Description:

Develop a PM zipper lane alternative from Radford Drive to the Waikalea Interchange.

Neighborhood(s): Airport, Aiea, Pearl City, Waipahu

Total Estimated Project Cost: \$165,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
DES	0	0	0	2,100	0	2,100	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

S41 Kalaeloa Roadway, Improvements, Vicinity of Barber's Point Naval Air Station



TIP Revision #4 Details:

Changed funding category from National Highway System to STP Flexible. The project's roads are not on the National Highway System.

Project Description:

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

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Total Estimated Project Cost: \$13,700,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	900	720	180	0	0	0	0	0	0	0	0	0	800	640	160	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	4,800	1,200	STP Flex

S43 Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park



TIP Revision #4 Details:

Deferred and inflated ROW (by 4% per year) from FY 2008 to 2009. ROW maps are not yet available. Changed funding category from Earmark - High Priority to National Highway System.

Project Description:

Construct traffic operational and safety improvements. Project includes turning lanes, bus pullouts, and lighting improvements.

Neighborhood(s): Waimanalo, Kailua

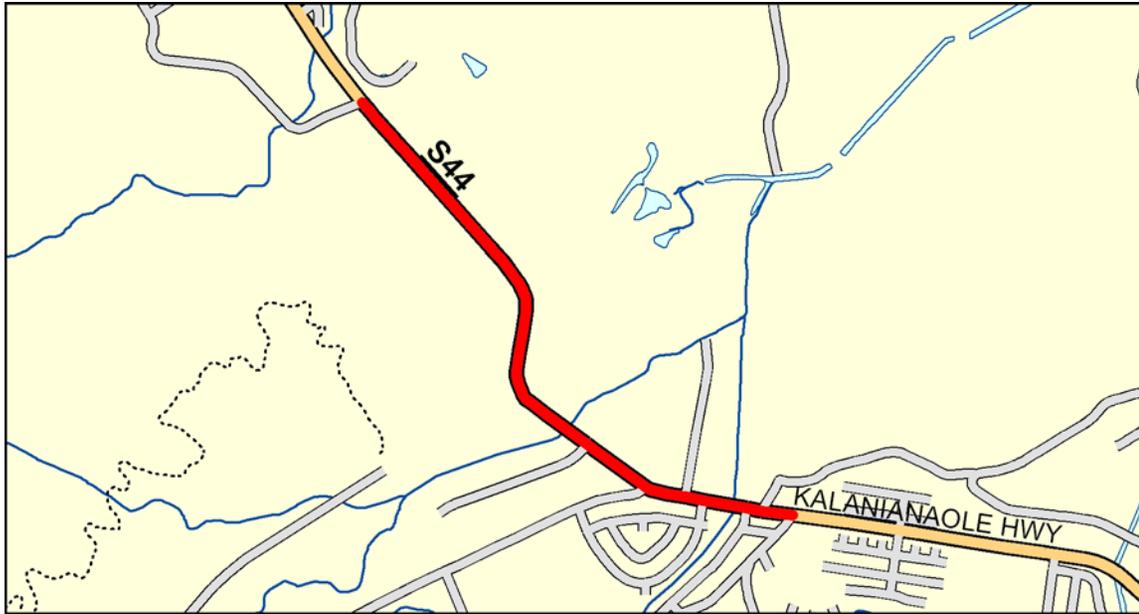
Total Estimated Project Cost: \$40,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
ROW	0	0	0	260	208	52	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

S44 Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I



TIP Revision #4 Details:

Changed funding category from STP Flexible to National Highway System.

Project Description:

Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Old Kalaniana'ole Road to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Neighborhood(s): Waimanalo, Kailua

Total Estimated Project Cost: \$40,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	0	0	0	0	0	0	12,480	9,984	2,496	0	0	0	0	0	0	NHS

S45 Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II



TIP Revision #4 Details:

Changed funding category from STP Flexible to National Highway System.

Project Description:

Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.

Neighborhood(s): Waimanalo

Total Estimated Project Cost: \$40,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	750	600	150	0	0	0	0	0	0	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	12,000	9,600	2,400	0	0	0	NHS

S46 Kalaniana'ole Highway, Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III



TIP Revision #4 Details:

Changed funding category from STP Flexible to National Highway System.

Project Description:

Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Aloiloi Street to Waimanalo Beach Park. Project includes turning lanes, bus pullouts, and lighting improvements.

Neighborhood(s): Waimanalo

Total Estimated Project Cost: \$40,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	750	600	150	NHS

S53 Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge



TIP Revision #4 Details:

Deferred \$2,750,000 in CON from FY 2013 to a year after FY 2013 due to priority shifts in bridge program.

Project Description:

Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.

Neighborhood(s): Koolauloa

Total Estimated Project Cost: \$3,575,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	0	0	0	0	0	0	225	180	45	0	0	0	0	0	0	Bridge On
DES	600	480	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

S54 Kamehameha Highway, Bridge Rehabilitation, Waikane Stream Bridge



TIP Revision #4 Details:

Increased DES in FY 2008 by \$200,000. Scoping Analysis indicated that it was possible that this bridge would need more than rehabilitation work. Bridge replacement may be necessary. Design estimate was increased to look at that possibility in more detail and design for it, if necessary.

Project Description:

Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.

Neighborhood(s): Kahaluu

Total Estimated Project Cost: \$3,690,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	240	190	50	0	0	0	0	0	0	Bridge On
DES	800	640	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,850	2,280	570	Bridge On

S63 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) ROW from FY 2008 to FY 2009 due to right-of-way issues.

Project Description:

Replace the existing bridge.

Neighborhood(s): Koolauloa

Total Estimated Project Cost: \$11,620,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
ROW	0	0	0	935	750	185	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	9,500	7,600	1,900	0	0	0	0	0	0	0	Bridge On

S66 Kamehameha Highway, Bridge Replacement, Waiahole Bridge



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) CON from FY 2009 to FY 2010. Need to address new temporary detour road alignment.

Project Description:

Replace the existing concrete structure.

Neighborhood(s): Kahaluu

Total Estimated Project Cost: \$10,500,000

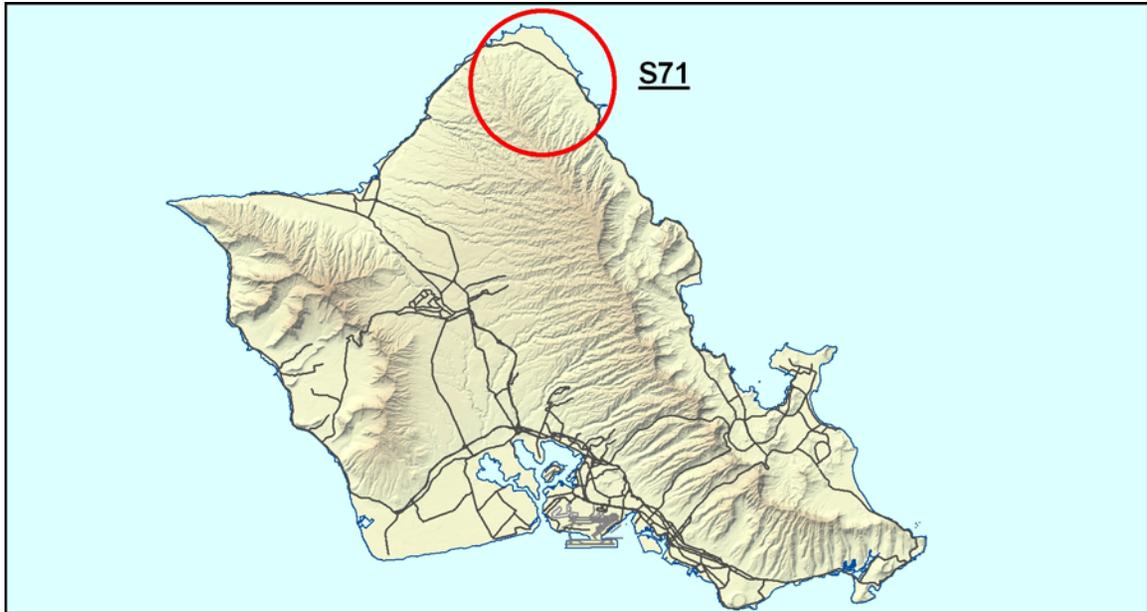
Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	640	512	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	9,740	7,792	1,948	0	0	0	0	0	0	0	0	0	Bridge On

S71 Kamehameha Highway, Rockfall Protection, Vicinity of Kahuku



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) DES from FY 2008 to FY 2009. Deferred and inflated CON (by 4% per year) from FY 2011 to FY 2012. HDOT is focusing on higher priority rockfall protection projects.

Project Description:

Initiate rockfall mitigation measures along Kamehameha Highway in the vicinity of Kahuku.

Neighborhood(s): Koolauloa

Total Estimated Project Cost: \$5,200,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	1,040	832	208	0	0	0	0	0	0	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	4,160	3,328	832	0	0	0	NHS

S78 Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay



TIP Revision #4 Details:

Deferred \$12,500,000 in CON funds from FY 2013 to a year after FY 2013. An extensive planning process is needed to cover the proposed scope of work.

Project Description:

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

Neighborhood(s): Kahaluu, Koolauloa, North Shore, Kaneohe

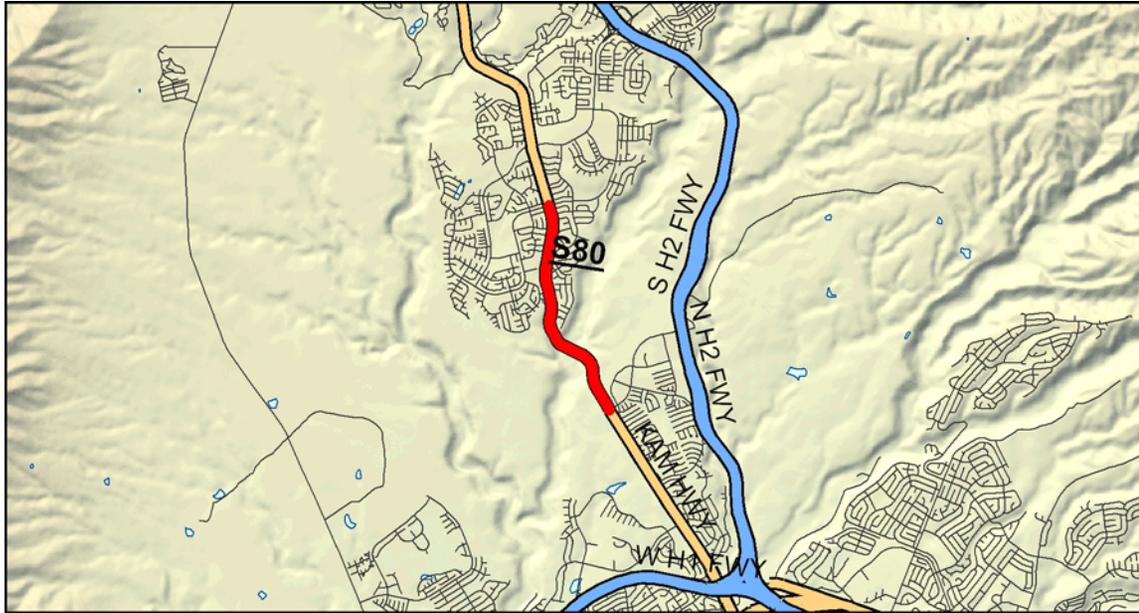
Total Estimated Project Cost: \$14,500,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	0	0	0	NHS
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

S80 Kamehameha Highway, Widening, Lanikuhana Avenue to Ka Uka Boulevard



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) PLN from FY 2012 (outside of the TIP) to 2013. Deferred \$3,000,000 in ROW funds from FY 2013 to a year after FY 2013. Environmental documents are anticipated to take at least 3 years to complete.

Project Description:

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

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

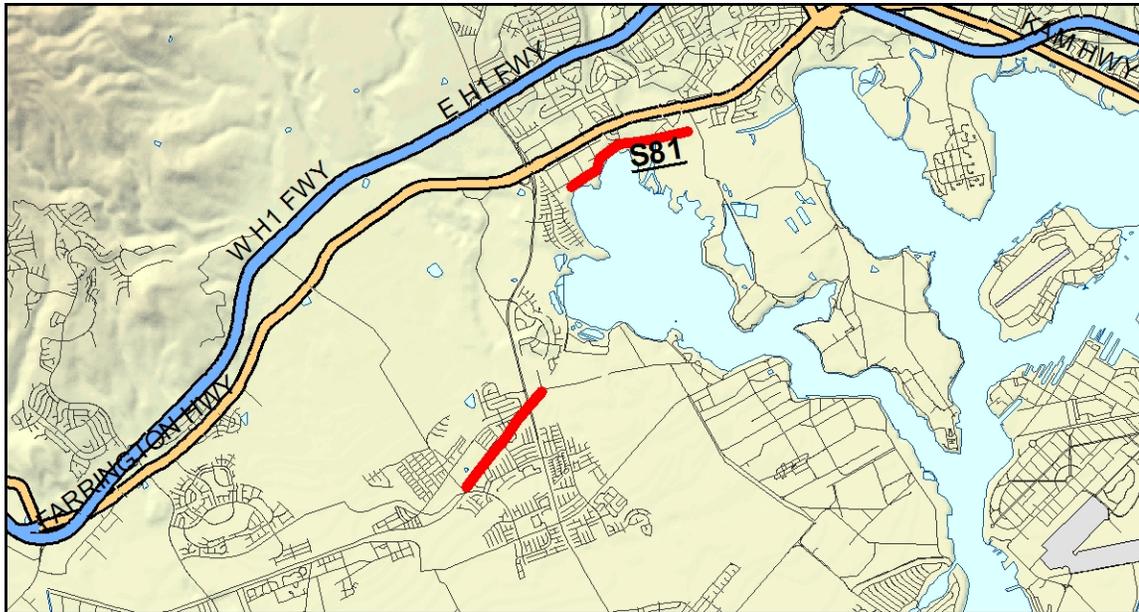
Total Estimated Project Cost: \$130,000,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,160	3,328	832	NHS

S81 Leeward Bikeway, Phase 1, Waipio Point Access Road to Hawaii Railroad Society Train Station



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) ROW from FY 2008 to FY 2009. ROW needs are not yet known.

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 Hawaii Railway Society Train Station.

Neighborhood(s): Waipahu, Ewa

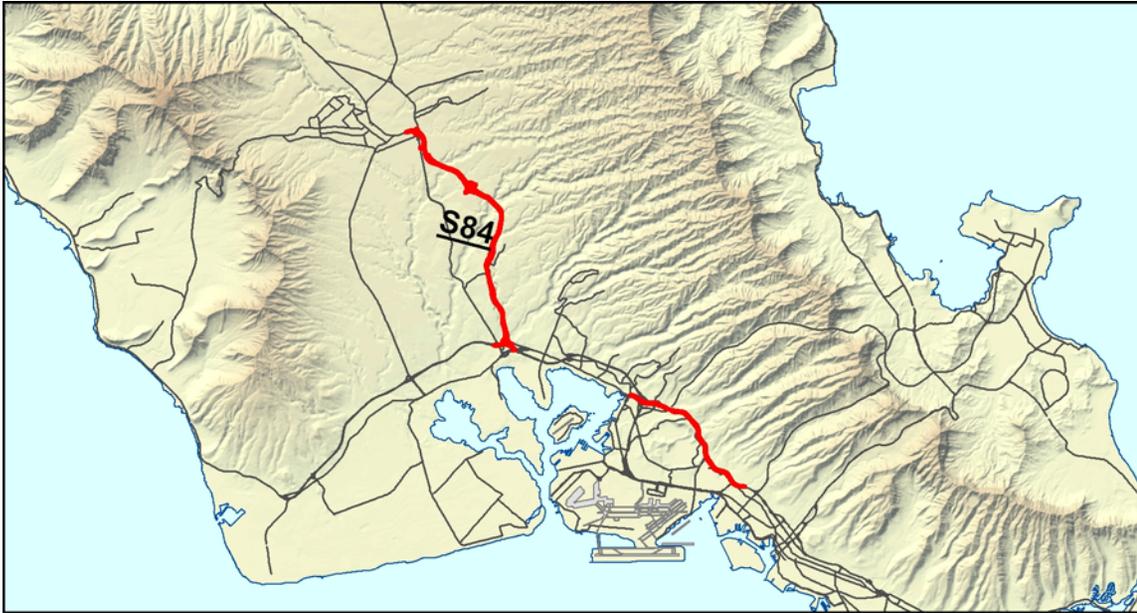
Total Estimated Project Cost: \$15,675,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
ROW	0	0	0	832	665	167	0	0	0	0	0	0	0	0	0	0	0	0	0	Enhance
CON	0	0	0	0	0	0	4,000	3,200	800	0	0	0	0	0	0	0	0	0	0	Enhance

S84 Moanalua Freeway and Interstate Route H-2, Guardrail and Shoulder Improvements



TIP Revision #4 Details:

Increased CON in FY 2009 by \$200,000 to reflect a more refined construction cost estimate.

Project Description:

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

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$4,850,000

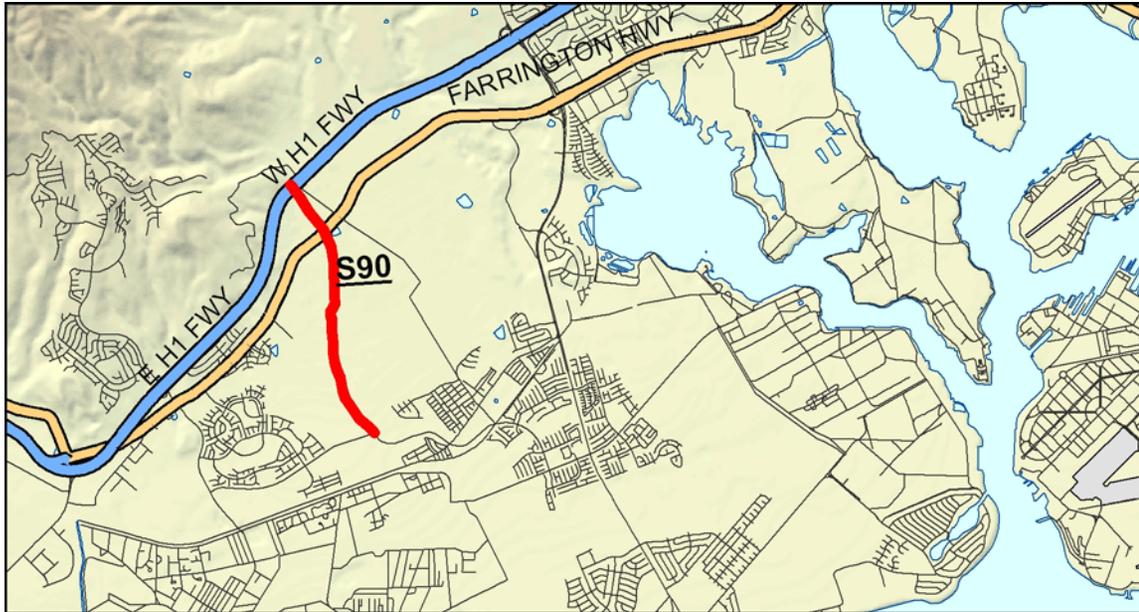
Project Sponsor: State of Hawaii (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	4,800	4,320	480	0	0	0	0	0	0	0	0	0	0	0	0	NHS

S90 North-South Road, Kapolei Parkway to Vicinity of H-1 Freeway, Phase II



TIP Revision #4 Details:

Reduced the ADVCON reimbursement in FY 2007 from \$15,000,000 to \$8,665,000 based on actual bids.

Project Description:

Phase IB consisted of constructing the interim roadway from Kapolei Parkway to Farrington Highway. Phase IC involved constructing the roadway from Farrington Highway to the H-1 Freeway, including a full-diamond interchange at the H-1 Freeway. Phase II involves widening North South Road from 3 to 6 lanes from Kapolei Parkway to the H-1 Freeway.

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

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

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	1,600	400	STP Flex
<i>Phases 1B and 1C (Advance construction reimbursement from 2007)</i>																			
ADVCON	0	8,665	-8,665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

S96 Vineyard Boulevard, Improvements, Vicinity of Queen's Medical Center



TIP Revision #4 Details:

Deferred and inflated (by 4% per year) DES and CON funds from FY 2008 to FY 2009. The schedule for improvements has not yet been determined. Queen's Medical Center is currently in the process of applying for federal earmarked funds.

Project Description:

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

Neighborhood(s): Downtown

Total Estimated Project Cost: \$10,401,000

Project Sponsor: State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012		FY 2013														
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	0	0	0	26	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	10,375	0	10,375	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

C01 Alapai Transportation Management Center



TIP Revision #4 Details:

Deferred DES/CON phase from FY 2008 to FY 2009 and reduced the programmed amount by \$12,040,000. Deferred ADVCON to begin in FY 2011 instead of FY 2008. Rescheduled CON phases as planning is currently ongoing. Revised cost estimates to reflect work phase changes.

Project Description:

The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The joint transportation management center will combine transportation management with City, State, and emergency response agencies. The City's Emergency Operations Center will also be relocated to the joint traffic management center. FY 2008: design development. FY 2009: design/build contract of the building. FY 2010: equipment and interior.

See also Project #C15, which is to be funded in part with Federal Transit Administration (FTA) funds.

Neighborhood(s): Ala Moana-Kakaako

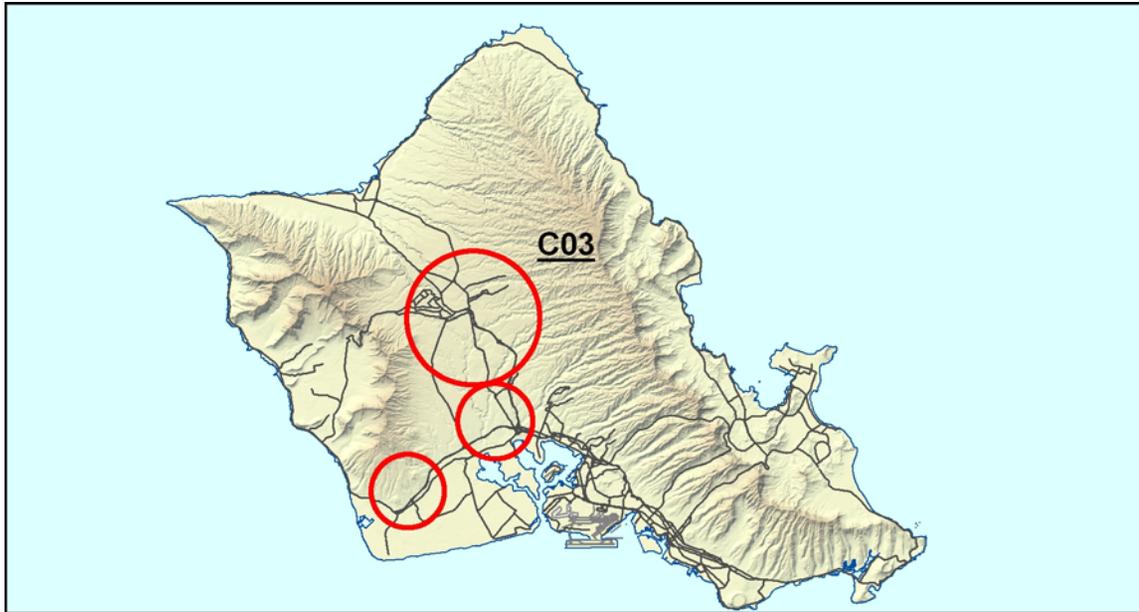
Total Estimated Project Cost: \$73,390,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total	Federal	Local																
	(x\$1000)																		
PLN/DES-	13,540	6,896	6,644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
PLN/DES-	0	0	0	1,500	1,200	300	1,500	1,200	300	0	0	0	0	0	0	0	0	0	STP Flex
DES/CON	0	0	0	0	0	0	0	0	0	59,850	0	59,850	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	0	0	0	0	0	0	0	5,338	-5,338	0	5,338	-5,338	STP Flex

C03 Computerized Traffic Control System



TIP Revision #4 Details:

Revised project descriptions to reflect estimated work activity.
 Revised project description for FY 2008 construction phase by replacing Waipahu, Waikele, and Waipio with Kapolei/Makakilo.
 Revised project description for FY 2008 design phase by replacing Kapolei/Makakilo with Waipahu, Waikele, and Waipio.
 No changes were made to the amounts programmed.

Project Description:

Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connectivity to the Traffic Control Center.
 FY 2008 Construction: Construct Kapolei/Makakilo camera and signal control.
 FY 2008 Design: Expand camera coverage and signal control to Waipahu, Waikele, and Waipio.
 FY 2009 Construction: Construct Kapolei/Makakilo camera and signal control.
 FY 2009 Design: Expand camera coverage and signal control to Mililani and Wahiawa.
 The City did not provide details for FYs 2010 through 2013.

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$21,024,000
 (for FYs 2008-2013 only)

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY			Funding Category				
	Total	Federal	Local	FY 2012		FY 2013														
	(x\$1000)	(x\$1000)	(x\$1000)		(x\$1000)															
EQP	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	Local Only
INSP	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	Local Only	
<i>Phase 11: Kapolei, Makakilo</i>																				
CON	3,100	2,400	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

C05 Kapunahala Stream Flood Control Project



TIP Revision #4 Details:

Deferred and inflated CON (by 4% per year) from FY 2009 to FY 2012 (outside of the 4-year TIP) as additional planning is required to identify an appropriate relief drain system alignment. Deleted the advance construction financing technique.

Project Description:

Provide relief drain system to supplement an existing inadequate drain system along Kapunahala Stream, between Pookela and Keneke Streets.

Neighborhood(s): Kaneohe

Total Estimated Project Cost: \$11,350,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
PLN	75	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	0	0	0	11,250	9,000	2,250	0	0	0	0	STP Flex

C08 Seismic Bridge Retrofit

Sites are not yet determined.

TIP Revision #4 Details:

Deleted \$450,000 in DES funds in FY 2008. Currently, there are no seismic bridge retrofit projects that will use federal funds. Local funds will be used.

Project Description:

Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, prepare plans and specifications for construction, and incorporate the retrofit. The bridges have not yet been determined.

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$2,100,000
(for FYs 2008-2013 only)

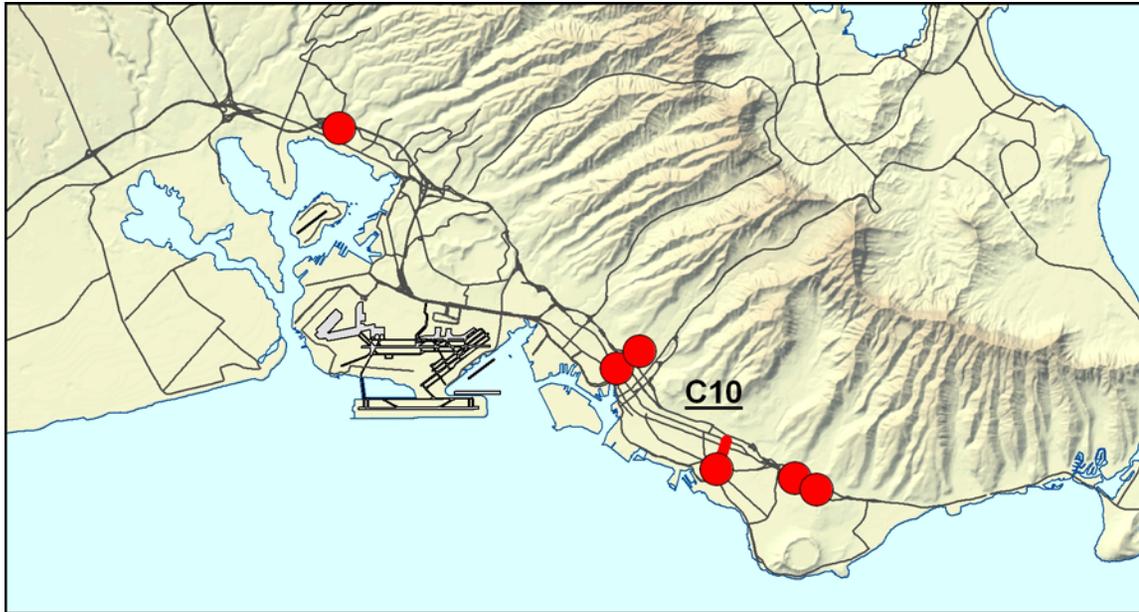
Project Sponsor: City and County of Honolulu (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	0	0	0	0	0	0	0	0	0	600	480	120	0	0	0	Bridge Off
CON	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	0	0	0	Bridge Off

C10 Traffic Improvements at Various Locations



TIP Revision #4 Details:

Increased DES in FY 2008 by \$300,000 to reflect current design costs.

Project Description:

Provide for traffic congestion relief and improve traffic safety at the following locations:

1. Harding Avenue at 5th and 11th Avenues
2. Ala Wai Boulevard and McCully Street
3. McCully Street from Kapiolani Boulevard to Beretania Street
4. Moanalua Road and Kaahumanu Street
5. Dillingham Boulevard and North King Street
6. Liliha and Kuakini Streets.

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$8,590,000
(for FYs 2008-2013 only)

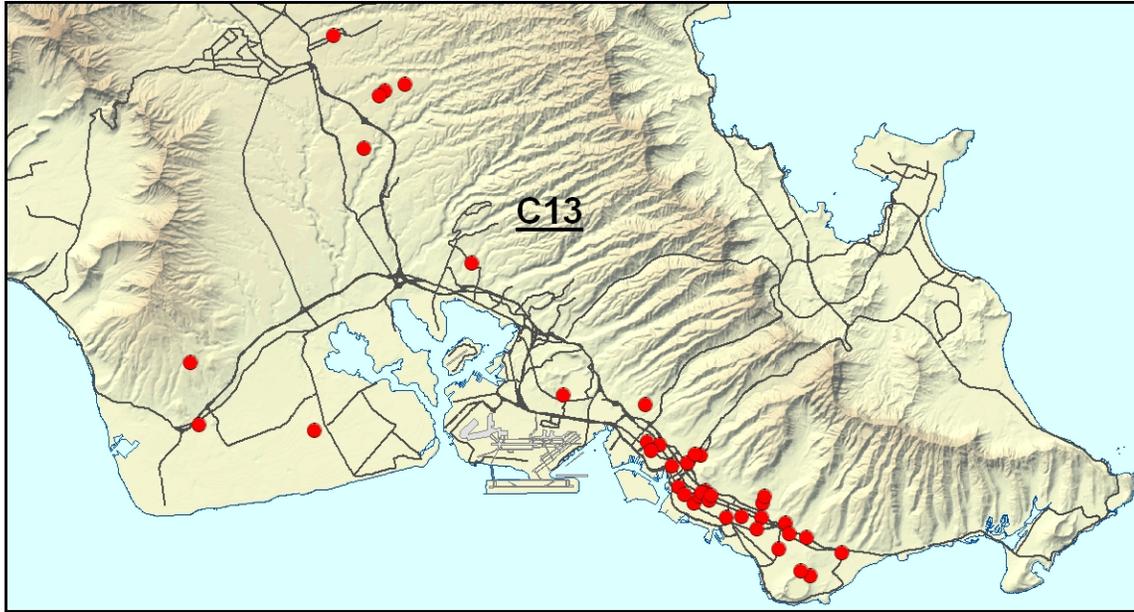
Project Sponsor: City and County of Honolulu (FHWA Funding)

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

FOR INFORMATION ONLY

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
<i>a. Harding Avenue at 5th and 11th Avenues</i>																			
CON	1,200	960	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
INSP	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>b. Dillingham Boulevard and North King Street</i>																			
ROW	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
PLN	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	990	620	370	200	160	40	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>c. Location Not Yet Determined</i>																			
DES	0	0	0	0	0	0	200	160	40	200	160	40	200	160	40	200	160	40	STP Flex
CON	0	0	0	0	0	0	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	STP Flex

C13 Traffic Signals at Various Locations



TIP Revision #4 Details:

Revised project locations to reflect estimated work activity.

Project Description:

Install 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 makes ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually.

Phase 10 - FY2008 Construction Funds

1. Komo Mai Drive and Hoomalu Street (New Signal)
2. Waiakamilo Road and McNeil Street (New Signal)
3. South Beretania Street and Aala Street (Left Turn Phase)
4. Kinau Street and Victoria Street (Upgrade Intersection)
5. South Beretania Street and Victoria Street (Upgrade Intersection)
6. Kilauea Avenue and Waiokeola Pre-School (School Flasher)
7. Lanikuhana Avenue and Lanipaa Street (New Signal) (Designed - Construct Only)
8. Kamokila Boulevard and Nau Place (New Signal) (Designed - Construct Only)

Phase 11 – FY2008 Design Funds; FY2009 Construction Funds

1. South King Street and Mililani Street (New Signal)
2. McCully Street and Waiola Street (New Signal)
3. Makaloa Street and Poni Street (New Signal)
4. Dole Street and St. Louis Drive (New Signal)
5. Waialae Avenue and 10th Avenue (Left Turn Phase)
6. Ala Ilima Street and Ala Liliko Street (Left Turn Phase)

Phase 12 – FY2009 Design Funds; FY2010 Construction Funds

1. Harding Avenue and 4th Avenue (New Signal)
2. California Ave and Nanea Street (New Signal)
3. Diamond Head Road and Alohea Avenue (New Signal)
4. Diamond Head Road and 18th Avenue (New Signal)
5. Kapahulu Avenue and Date Street/Mooheau Street (Left Turn Phase)
6. University Avenue and Maile Way (Left Turn Phase)
7. Makakilo Drive and Palahia Street (No Right turn on red, and loops)

C13 Traffic Signals at Various Locations

- Phase 13 – FY2010 Design Funds; FY2011 Construction Funds
1. University Avenue and Metcalf Street (Left Turn Phase)
 2. Nuuanu Avenue and School Street (Left Turn Phase)
 3. Waiialua Beach Road and Goodale Avenue (New Signal)
 4. Kamehameha Highway and Haleiwa Road (New Signal)
 5. University Avenue and Coyne Street (New Signal)
 6. Pacific Heights Road and Pauoa Road (Left Turn Signal)
 7. Nuuanu Avenue and Pauoa Road (Left Turn Phase)

- Phase 14 – FY2011 Design Funds; FY2012 Construction Funds
1. South Street and Kawaiahao Street (New Signal)
 2. Kapiolani Boulevard and Date Street (Upgrade Intersection)
 3. North School Street and Kamehameha IV Road (Upgrade)
 4. Kapiolani Boulevard and Ward Avenue (Upgrade)
 5. South King Street and Ward Avenue (Audio Ped Signal)
 6. South Beretania Street and Ward Avenue (Audio Ped Signal)
 7. South King Street and Pensacola Street (Audio Ped Signal)
 8. South Beretania Street and Pensacola Street (Audio Ped Signal)

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$19,392,000
(for FYs 2008-2013 only)

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY			Funding Category			
	Total	Federal	Local	FY 2012		FY 2013													
	(x\$1000)	Total	Federal	Local		Total	Federal	Local											
PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
INSP	30	0	30	20	0	20	20	0	20	20	0	20	20	0	20	20	0	20	Local Only
<i>Phase 10</i>																			
CON	2,700	2,000	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

C13 Traffic Signals at Various Locations

<i>Phase 11</i>																			
DES	300	200	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	3,125	2,500	625	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 12</i>																			
DES	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	3,125	2,500	625	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 13</i>																			
DES	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	3,125	2,500	625	0	0	0	0	0	0	STP Flex
<i>Phase 14</i>																			
DES	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	3,125	2,500	625	0	0	0	STP Flex
<i>Phase 15</i>																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,125	2,500	625	STP Flex
<i>Phase 16</i>																			
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	200	50	STP Flex

C18 Intra-Island Ferry



TIP Revision #4 Details:

Deferred and inflated (by 4%) DES from FY 2008 to FY 2009 as planning phase is currently ongoing.

Project Description:

Continue ferry demonstration project operations and plan, design, and construct facilities for a ferry operation which will serve as an extension of the bus service and provide West Oahu residents with another transportation option to downtown Honolulu. The project will include, but not be limited to, parking lots, passenger terminals, and improved docking facilities.

Neighborhood(s): Various Locations

Total Estimated Project Cost: \$8,980,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
													FY 2012			FY 2013			
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	0	0	0	1,040	832	208	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 Ferry
CON	0	0	0	3,000	2,000	1,000	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 Ferry
OPR	4,400	2,000	2,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 Ferry
INSP	0	0	0	500	0	500	0	0	0	0	0	0	0	0	0	0	0	0	Local Only



TIP Revision #4 Details:

Increased OPR by \$318,000 in FY 2008, by \$398,000 in FY 2009, by \$487,000 in FY 2010, by \$583,000 in FY 2011, by \$688,000 in FY 2012, and by \$802,000 in FY 2013 to reflect actual transfer amounts.

Project Description:

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

The State of Hawaii's vanpool program is Project #S95.

Neighborhood(s): Islandwide

Total Estimated Project Cost: \$11,195,000
(for FYs 2008-2013 only)

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
OPR	1,548	1,548	0	1,663	1,663	0	1,787	1,787	0	1,920	1,920	0	0	0	0	0	0	0	0	\$5307/\$5340
OPR	0	0	0	0	0	0	0	0	0	0	0	0	2,062	2,062	0	2,215	2,215	0	0	FTA

FUNDING SUMMARY

										FOR INFORMATION ONLY								
	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013		
	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL
(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)											

FHWA-FUNDED PROJECTS

State of Hawaii - Sponsored Projects

As of Revision #3	65,120	57,786	7,334	124,395	86,231	38,164	95,793	75,034	20,759	89,130	71,410	17,720	127,975	106,001	21,974	80,825	66,060	14,765
Revision #4 Changes	(23,750)	(15,735)	(8,015)	(16,762)	(7,889)	(8,873)	29,975	7,860	22,115	(478)	(382)	(96)	976	781	195	(14,090)	(11,272)	(2,818)
Total as of Revision #4	41,370	42,051	(681)	107,633	78,342	29,291	125,768	82,894	42,874	88,652	71,028	17,624	128,951	106,782	22,169	66,735	54,788	11,947

C&C of Honolulu - Sponsored Projects

As of Revision #3	96,743	21,896	74,847	41,769	15,255	26,514	45,777	19,034	26,743	39,778	20,016	19,762	9,765	20,006	(10,241)	8,977	19,376	(10,399)
Revision #4 Changes	(60,000)	(60)	(59,940)	(8,500)	(4,865)	(3,635)	1,500	(4,865)	6,365	59,850	(6,065)	65,915	11,250	8,273	2,977	0	(727)	727
Total as of Revision #4	36,743	21,836	14,907	33,269	10,390	22,879	47,277	14,169	33,108	99,628	13,951	85,677	21,015	28,279	(7,264)	8,977	18,649	(9,672)

TOTAL FHWA	78,113	63,887	14,226	140,902	88,732	52,170	173,045	97,063	75,982	188,280	84,979	103,301	149,966	135,061	14,905	75,712	73,437	2,275
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FTA-FUNDED PROJECTS

State of Hawaii - Sponsored Projects

As of Revision #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>(No changes made in this revision.)</i>																		

C&C of Honolulu - Sponsored Projects

As of Revision #3	177,347	63,523	113,824	367,302	56,625	310,677	339,153	53,312	285,841	371,776	95,545	276,231	383,802	200,653	183,149	385,453	198,273	187,180
Revision #4 Changes	(1,000)	(800)	(200)	1,040	832	208	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #4	176,347	62,723	113,624	368,342	57,457	310,885	339,153	53,312	285,841	371,776	95,545	276,231	383,802	200,653	183,149	385,453	198,273	187,180

TOTAL FTA	176,347	62,723	113,624	368,342	57,457	310,885	339,153	53,312	285,841	371,776	95,545	276,231	383,802	200,653	183,149	385,453	198,273	187,180
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