

**FEDERAL FISCAL YEARS 2008 - 2011  
TRANSPORTATION IMPROVEMENT PROGRAM**

**REVISION #12  
PRE-APPROVED ADMINISTRATIVE MODIFICATION**

**June 2009**



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## ABBREVIATIONS

### OVERALL ABBREVIATIONS

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
OahuMPO	Oahu Metropolitan Planning Organization
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***

ARRA-09	2009 American Recovery & Reinvestment Act
Bridge Off	Bridge Off-System
Bridge On	Bridge On-System
CMAQ	Congestion Mitigation and Air Quality Improvement Program
H-3 Discret	Discretionary Funds
Earmark HP	Earmark High Priority
Enhance	Transportation Enhancement
FHWA X-fer	Transfer from FTA to FHWA
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
IM Discret	Interstate Maintenance Discretionary Program
NHS	National Highway System
Section 115	Earmark Section 115
STP Flex	Surface Transportation Program Flexible

**FTA Funding Categories**

ARRA-09 TCA	2009 American Recovery & Reinvestment Act Transit Capital Assistance
FTA	FTA Funds (Details Unknown)
§5307	Urbanized Area Formula Program
§5309	Bus and Bus-Related Facilities
§5309 BC	Bus and Bus-Related Facilities
§5309 Ferry	New Starts (Ferry Allocation)
§5309 FGM	Fixed Guideway Modernization
§5309 NS	New Starts
§5316	Job Access and Reverse Commute (JARC)
§5317	New Freedom
§5337	Fixed Guideway Infrastructure Apportionments
§5340	Growing States and High Density States Formula Program

**Locally Funded Categories**

Local Only	Funded with State or City Funds
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**Project Phases**

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

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

**REVISION #12**

**Pre-Approved Administrative Modification**

This revision consists of administrative modifications that the OahuMPO Policy Committee has pre-approved. Refer to Chapter 10 of the TIP for additional details.

**PROJECT**

**NUMBER PROJECT NAME** *(Sorted by Project Name)*

**REVISION DETAILS**

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S02	Castle Hills Access Road Drainage Improvements	Increased cost estimates. Cost estimate difference to be made up with local funds instead of STP Flexible funds.
S03	Farrington Highway (Route 93), Bridge Rehabilitation, Kaupuni Stream Bridge	Deferred \$9,700,000 in CON funds from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S04	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	Deferred and inflated CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S05	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 and #3A	Deleted \$100,000 in PREROW in FY 2008; funds were already obligated. Deferred and inflated CON from FY 2011 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S09	Fort Barrette Road (Route 901), Widening, Farrington Highway (Route 9107) to Barber's Point Gate	Deferred \$22,450,000 in CON in FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S10	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1B	Increased CON by \$225,000 in FY 2008 based on the actual obligated amount. Clarified the project description by breaking the project down into Units #1 through #5.
S11	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C	Reprogrammed \$1,900,000 in DES funds in FY 2010 to Project S14 (Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager) due to project needs. Distributed funds for CON over 3 years, from FY 2010 to FY 2012. CON funds were previously programmed in FY 2012 (outside of the TIP).
S14	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager	Programmed \$1,900,000 in DES funds in FY 2010 from Project S11 (Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C) due to project needs.
S16	Guardrail and Shoulder Improvements, Various Locations	Deferred and inflated CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S107	Interstate Route H-1, Dowel Retrofit, Kaimuki and Palailai Areas	Changed project funding from federal to local. This project was previously identified to utilize ARRA funds, but is now a backup ARRA-09 project.
S20	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue, Phase 2	Deleted project from the illustrative list to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). \$6,240,000 in CON funds were previously programmed in FY 2013 (outside of the TIP).
S108	Interstate Route H-1, Installation of Access Controls, Vicinity of Palailai Interchange to Vicinity of H-1/H-2 Interchange	Changed project funding from federal to local. This project was previously identified to utilize ARRA funds, but is now a backup ARRA-09 project.
S21	Interstate Route H-1, Kapolei Interchange Complex	Deferred and inflated Phase 2A CON from FY 2010 to FY 2012 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Phase 2B of this project is a possible ARRA-09 discretionary funding recipient. Deferred and inflated Phase 3 ROW and DES from FY 2012 to FY 2013 to accommodate the design-build development of Project S110.
S22	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	Deferred and inflated DES from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S23	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1	Advanced CON from FY 2011 to FY 2009 and increased CON by \$9,952,000. The project will be implemented in 3 phases instead of 5.
S25	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 3	Increased CON by \$15,000,000 in FY 2013. The project will be implemented in 3 phases instead of 5.
S27	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phases 4 & 5	Deleted project from the illustrative list. Deleted \$1,500,000 in DES in FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). This project will be implemented as part of Projects S23, S24, and S25 (Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phases 1, 2, and 3).
S109	Interstate Route H-1, Rehabilitation, Eastbound, Waiiau Interchange to Kaimakani Bridge	Deferred and inflated CON from FY 2009 to FY 2010 due to a delay in the project schedule. This project is a possible ARRA-09 discretionary recipient.
S31	Interstate Route H-1, Seismic Retrofit, Farrington Highway (Route 9107) Separation and Makakilo Separation	Revised federal/local share for ROW. Decreased CON by \$2,050,000 in FY 2009 and changed funding category to ARRA-09.
S34	Interstate Route H-1, Waiiau Interchange to Halawa Interchange, Widening, Eastbound	This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**PROJECT  
NUMBER PROJECT NAME (Sorted by Project Name)**

**REVISION DETAILS**

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S35	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S36	Interstate Route H-1, Ward Avenue (Route 7511) On-Ramp to University Interchange, Eastbound	Deferred and inflated PLN from FY 2009 to FY 2010. Deferred and inflated DES from FY 2012 to FY 2013. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S37	Interstate Route H-3, H-3 Finish, Unit VIIC	Increased CON by \$1,280,000 in FY 2009 due to an increase in project estimates.
S38	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) Interchange	This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S39	Interstate Routes H-1 and H-2, Destination Sign Upgrade/Replacement, Phase 1 and Phase 2	Deferred and inflated Phase 1 CON from FY 2011 to FY 2012, and Phase 2 CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S40	Kahekili Highway (Route 83) Improvements in the Vicinity of Hui Iwa Street	Decreased CON by \$20,000 in FY 2008 based on the actual obligation amount.
S45	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II, Poalima Street to Aloiloi Street	Deferred and inflated DES from FY 2009 to FY 2010 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S46	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III, Aloiloi Street to Waimanalo Beach Park	Deleted project from the illustrative list. Deleted \$750,000 in DES funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S47	Kalaniana'ole Highway (Route 72), Improvements, Retaining Wall at Makapuu	Increased CON by \$523,000 in FY 2008 based on the actual obligation amount.
S48	Kalaniana'ole Highway (Route 72), Improvements, Vicinity of Hawaii Kai Drive to Keahole Street	Decreased CON by \$762,000 in FY 2008 based on the actual obligation amount.
S49	Kalaniana'ole Highway (Route 72), Inoaole Stream Bridge Replacement	Deleted \$100,000 in PREROW funds in FY 2008. Deferred and inflated CON from FY 2011 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S98	Kalaniana'ole Highway (Route 72), Safety Improvements, Blow Hole to Lunalilo Home Road	Increased DES by \$3,000 in FY 2008 based on the actual obligation amount. Advanced CON from FY 2010 to FY 2009 based on the project schedule.

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S56	Kamehameha Highway, Bridge Rehabilitation, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu	This project remains on the illustrative list. Deferred CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Changed project name and project scope from a bridge replacement project to a bridge rehabilitation project.
S57	Kamehameha Highway, Bridge Rehabilitation, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu	This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Changed project name and project scope from a bridge replacement project to a bridge rehabilitation project.
S51	Kamehameha Highway, Bridge Rehabilitation, Kawailoa Stream Bridge	Deleted \$2,375,000 in CON funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S52	Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge	Deferred and inflated a portion of the ROW funds from FY 2009 to FY 2010 because design efforts have just begun and right-of-way needs are currently unknown.
S53	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	Increased DES by \$2,000 in FY 2008 based on the actual obligation amount.
S54	Kamehameha Highway, Bridge Rehabilitation, Waikane Stream Bridge	Decreased DES by \$198,000 in FY 2008 based on the actual obligation amount. Deleted \$2,850,000 in CON funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S55	Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge	Deferred and inflated CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S58	Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S59	Kamehameha Highway, Bridge Replacement, Kalauao Springs Bridge, Eastbound	This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S61	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	Deferred and inflated CON from FY 2010 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**PROJECT  
NUMBER PROJECT NAME (Sorted by Project Name)**

**REVISION DETAILS**

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S62	Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge	Reduced CON by \$745,000 in FY 2008 based on the actual obligation amount.
S63	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	Deferred and inflated ROW from FY 2009 to FY 2010. Environmental documents and right-of-way efforts have not been completed. Deferred and inflated CON from FY 2011 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S64	Kamehameha Highway, Bridge Replacement, South Punaluu Stream Bridge	Added bridge-on system funds to supplement ARRA-09 funds due to an increase in project estimates.
S65	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge	Deferred and inflated ROW from FY 2010 to FY 2011. Deferred and inflated CON from FY 2012 to FY 2013. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S66	Kamehameha Highway, Bridge Replacement, Waiahole Bridge	Deferred and inflated ROW from FY 2009 to FY 2010. Deferred and inflated CON from FY 2010 to FY 2012. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S73	Kamehameha Highway, Rockfall Protection, Waimea Bay	Increased DES by \$10,000 in FY 2008 based on the actual obligation amount.
S99	Kamehameha Highway, Safety Improvements, Kaluanui Bridge to Puhuli Road	Increased DES by \$20,000 in FY 2008 based on the actual obligation amount.
S75	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula (#14)	Deferred CON from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S76	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa (#10)	Deferred CON from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S74	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu (#9)	Deferred CON from FY 2010 to FY 2011. The Army Corps of Engineer's 404 Permit is not likely to be obtained in time for FY 2010 construction.
S100	Liliha Street (Route 7413), Traffic Signal at Kukui Street	Revised federal/local share for DES for FY 2008. Deferred and inflated CON from FY 2009 to FY 2010 pending open-ended contract execution.
S86	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**FHWA - Funded Projects**

**State of Hawaii - Sponsored Projects**

S87	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S88	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).
S90	North-South Road (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of H-1 Freeway, Phase II	Deleted Phase II from the illustrative list. Adjusted ADVCON reimbursement for Phases 1B and 1C by \$1,000. Deferred DES from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).  Phase II is neither programmed in the 4-year TIP, nor in the 2-year illustrative period.
S93	Traffic Signal Modernization, Various Locations, Waialae Avenue (Route 7601) and Nimitz (Route 92), Farrington (Route 93 and Route 7101), Pali (Route 61), and Likelike (Route 83) Highways	Increased CON by \$1,028,000 in FY 2008 based on the actual obligation amount. Changed funding category from STP Flexible to CMAQ for financial constraint.
S95	Vanpool Program, Oahu	Revised cost estimates for FY 2008 through FY 2010 based on the actual and estimated obligation amounts.

**City and County of Honolulu - Sponsored Projects**

C01	Alapai Transportation Management Center	Reprogrammed \$1,500,000 in PLN/DES-2 to CON and increased CON by another \$1,500,000 in FY 2010 because civil and utility work will be starting.
C03	Computerized Traffic Control System	Revised the location description for Phase 13 CON by replacing the Mililani/Wahiawa area with Kailua. This is an ARRA backup project. Should ARRA funds become available, the funds will be used for the project in the Kailua area.
C10	Traffic Improvements at Various Locations	Increased DES by \$200,000 and CON by \$652,000 in FY 2009 to reflect actual cost estimates.

**PROJECT  
NUMBER PROJECT NAME (Sorted by Project Name) REVISION DETAILS**

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**FTA - Funded Projects**

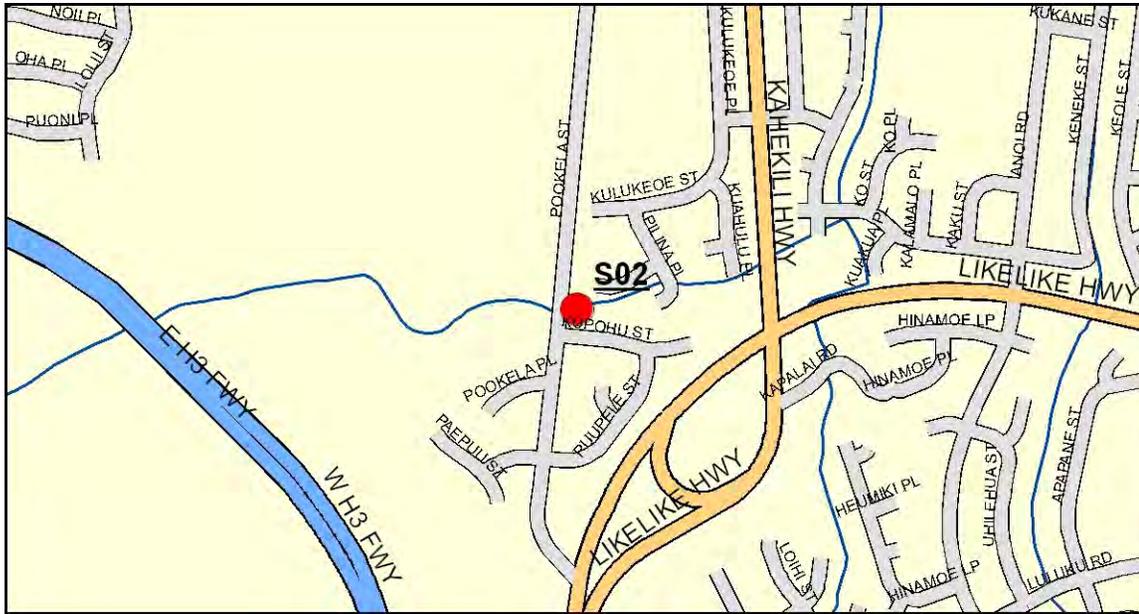
**State of Hawaii - Sponsored Projects**

S101	Job Access and Reverse Commute Program Projects (Small Urban)	Deleted the programmed amounts for FY 2008 through FY 2010 to reflect the transfer of the small urban JARC funds to the City and County of Honolulu.
S102	New Freedom Projects (Small Urban)	Deleted the programmed amounts for FY 2008 through FY 2010 to reflect the transfer of the small urban New Freedom funds to the City and County of Honolulu.

**City and County of Honolulu - Sponsored Projects**

C23	West Oahu Bus and Handi-Van Maintenance Facility	Decreased ROW by \$1,000 in FY 2009 to reflect actual cost estimates.
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**S02 Castle Hills Access Road Drainage Improvements**



**TIP Revision #12 Details:**

Increased cost estimates. Cost estimate difference to be made up with local funds instead of STP Flexible funds.

**Project Description:**

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

**Neighborhood(s):** Kaneohe

**Estimated Total Project Cost:** \$15,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	
													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)		
PREROW	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
ROW/CON	0	0	0	0	0	0	3,350	0	3,350	0	0	0	0	0	0	0	0	0	0	Local Only
ROW/CON	0	0	0	2,500	2,500	0	1,500	1,500	0	0	0	0	0	0	0	0	0	0	0	Section 115

**S03 Farrington Highway (Route 93), Bridge Rehabilitation, Kaupuni Stream Bridge**



**TIP Revision #12 Details:**

Deferred \$9,700,000 in CON funds from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Widen existing three-span 149-foot long concrete T-beam bridge by about 18.5 feet and strengthen existing portion to meet current State standards.

**Neighborhood(s):** Waianae Coast

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)															
DES	0	0	0	0	0	0	1,500	1,200	300	0	0	0	0	0	0	0	0	0	0	0	Bridge On
ROW	0	0	0	0	0	0	0	0	0	0	0	0	510	408	102	0	0	0	0	0	Bridge On

**S04 Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge**



**TIP Revision #12 Details:**

Deferred and inflated CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Waianae Coast

**Estimated Total Project Cost:** \$16,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
ROW	0	0	0	0	0	0	350	280	70	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	13,000	10,400	2,600	0	Bridge On

**S05 Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 and #3A**



**TIP Revision #12 Details:**

Deleted \$100,000 in PREROW in FY 2008; funds were already obligated. Deferred and inflated CON from FY 2011 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Replace a timber bridge in the vicinity of Makaha Beach Park.

**Neighborhood(s):** Waianae Coast

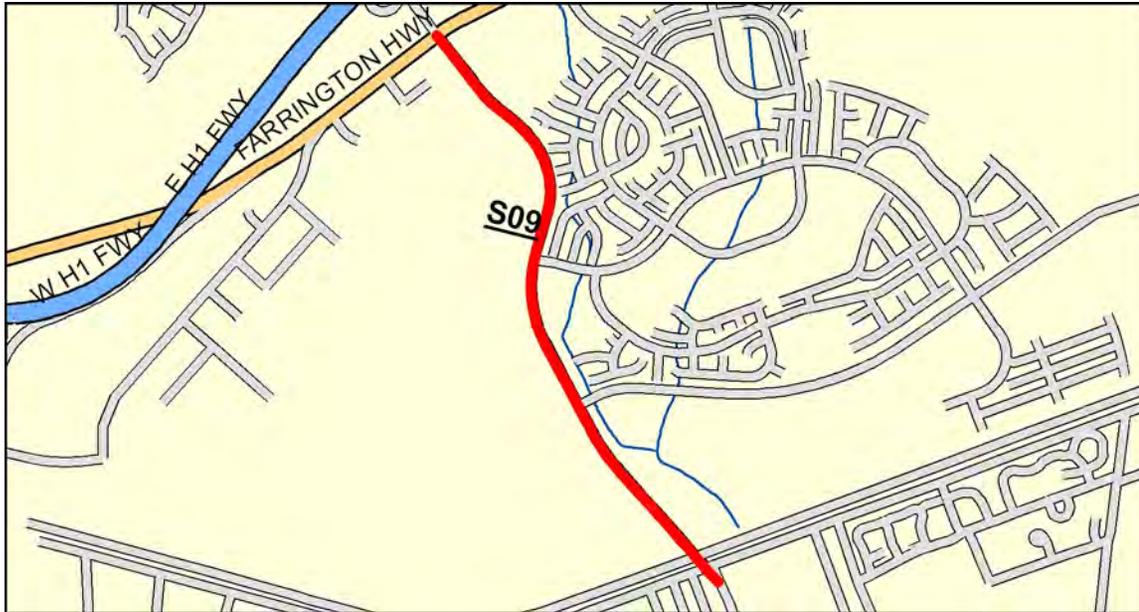
**Estimated Total Project Cost:** \$16,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	900	720	180	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	13,520	10,816	2,704	Bridge On

**S09 Fort Barrette Road (Route 901), Widening, Farrington Highway (Route 9107) to Barber's Point Gate**



**TIP Revision #12 Details:**

Deferred \$22,450,000 in CON in FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Makakilo-Kapolei-Honokai Hale

**Estimated Total Project Cost:** \$23,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

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



**TIP Revision #12 Details:**

Increased CON by \$225,000 in FY 2008 based on the actual obligated amount. Clarified the project description by breaking the project down into Units #1 through #5.

**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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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													
<i>Units 1, 2, &amp; 3</i>																				
CON	4,225	3,302	923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM
<i>Units 4 &amp; 5</i>																				
CON	0	0	0	4,000	3,200	800	0	0	0	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 #12 Details:**

Reprogrammed \$1,900,000 in DES funds in FY 2010 to Project S14 (Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager) due to project needs. Distributed funds for CON over 3 years, from FY 2010 to FY 2012. CON funds were previously programmed in FY 2012 (outside of the TIP).

**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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	0	0	0	NHS

**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 #12 Details:**

Programmed \$1,900,000 in DES funds in FY 2010 from Project S11 (Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 1C) due to project needs.

**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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	1,622	1,298	324	0	0	0	0	0	0	NHS



**S107 Interstate Route H-1, Dowel Retrofit, Kaimuki and Palailai Areas**



**TIP Revision #12 Details:**

Changed project funding from federal to local. This project was previously identified to utilize ARRA funds, but is now a backup ARRA-09 project.

**Project Description:**

This is an ARRA-09 backup project. Project involves slot saw cutting, concrete removal, slot cleaning and preparation, sealing joints and cracks in slot, placing dowel assembly in slot, mixing and placing backfill material, diamond grinding and installation of pavement markings. (Mile Post 2.4 to 3.2 and Mile Post 25 to 26.4)

**Neighborhood(s):** Kaimuki, Makakilo-Kapolei-Honokai Hale

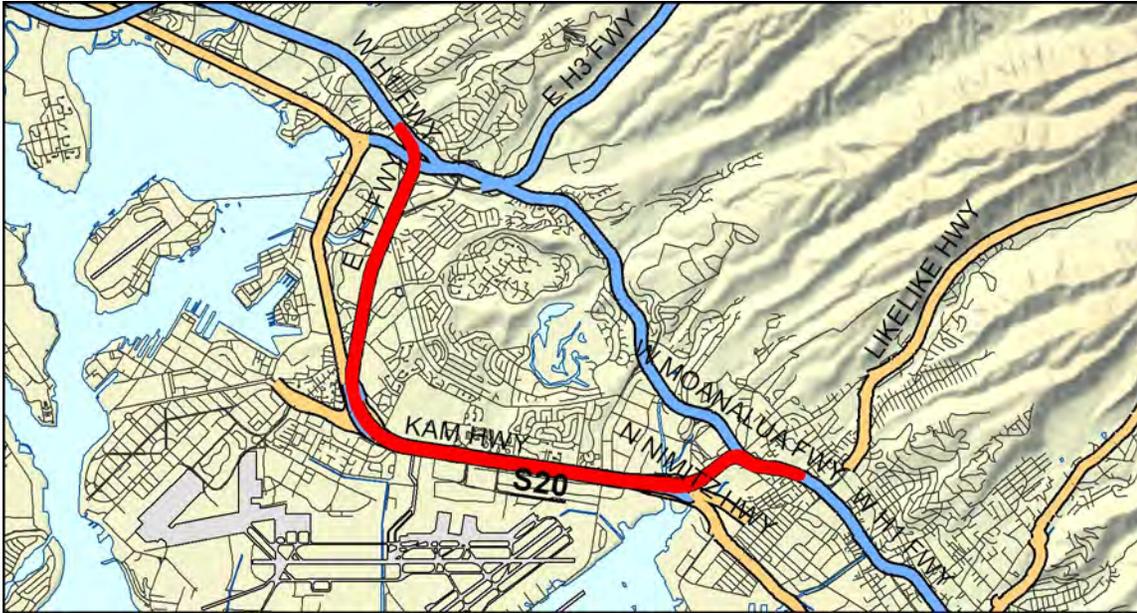
**Estimated Total Project Cost:** \$12,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	11,000	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

**S20 Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue, Phase 2**



**TIP Revision #12 Details:**

Deleted project from the illustrative list to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). \$6,240,000 in CON funds were previously programmed in FY 2013 (outside of the TIP).

**Project Description:**

Upgrade/replace existing freeway lighting.

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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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												
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A

**S108 Interstate Route H-1, Installation of Access Controls, Vicinity of Palailai Interchange to Vicinity of H-1/H-2 Interchange**



**TIP Revision #12 Details:**

Changed project funding from federal to local. This project was previously identified to utilize ARRA funds, but is now a backup ARRA-09 project.

**Project Description:**

This is an ARRA-09 backup project. Replace and/or install upgraded access control chain link fence along Interstate Route H-1 from the vicinity of the Palailai Interchange to the vicinity of the Interstate Route H-1/Interstate Route H-2 Interchange. This includes replacing existing barbed wire that was installed to keep livestock out of the freeway. Due to the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions.

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

**Estimated Total Project Cost:** \$2,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	2,000	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

**S21 Interstate Route H-1, Kapolei Interchange Complex**



**TIP Revision #12 Details:**

Deferred and inflated Phase 2A CON from FY 2010 to FY 2012 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Phase 2B of this project is a possible ARRA-09 discretionary funding recipient. Deferred and inflated Phase 3 ROW and DES from FY 2012 to FY 2013 to accommodate the design-build development of Project S110.

**Project Description:**

This is a possible ARRA-09 discretionary project. If ARRA-09 discretionary funding is available, construction for Phase 2B will be advanced as appropriate. The Kapolei Interchange Complex consists of three freeway interchanges: the existing Makakilo and Palilali Interchanges, which will be expanded, and the new Kapolei Interchange. Phase 1 involved adding a westbound ramp from Makakilo Drive to the H-1 west and installing eastbound on-and off-ramps for the new Kapolei Interchange. Phase 2 involves the completion of the grade-separated Kapolei Interchange. Phase 3 involves constructing at-grade Palilali Interchange ramps. Phase 4 involves completing the grade-separated Palilali Interchange.

**Neighborhood(s):** Makakilo-Kapolei-Honokai Hale

**Estimated Total Project Cost:** \$28,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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												
Phase 2A																			
CON	0	0	0	0	0	0	1,000	900	100	0	0	0	0	0	0	0	0	0	IM Discret
CON	0	0	0	0	0	0	0	0	0	0	0	0	5,408	4,867	541	0	0	0	NHS

**S21 Interstate Route H-1, Kapolei Interchange Complex**

<i>Phase 2B</i>																		
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,000	18,000	2,000	NHS
<i>Phase 3</i>																		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	520	468	52	NHS
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	187	21	NHS
<i>Phase 4</i>																		
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500	450	50	NHS
ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	180	20	NHS

**S22 Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp**



**TIP Revision #12 Details:**

Deferred and inflated DES from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Improve the westbound lanes by modifying the weaving movements between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp.

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

**Neighborhood(s):** Makiki-Lower Punchbowl-Tantalus

**Estimated Total Project Cost:** \$25,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	1,123	899	224	IM

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



**TIP Revision #12 Details:**

Advanced CON from FY 2011 to FY 2009 and increased CON by \$9,952,000. The project will be implemented in 3 phases instead of 5.

**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 3 phases.

**Neighborhood(s):** Pearl City, Aiea

**Estimated Total Project Cost:** \$75,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	15,000	13,500	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IM

**S25 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 3**



**TIP Revision #12 Details:**

Increased CON by \$15,000,000 in FY 2013. The project will be implemented in 3 phases instead of 5.

**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 3 phases.

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

**Neighborhood(s):** Pearl City, Aiea

**Estimated Total Project Cost:** \$75,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,000	22,500	2,500	NHS

**S27 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phases 4 & 5**



**TIP Revision #12 Details:**

Deleted project from the illustrative list. Deleted \$1,500,000 in DES in FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). This project will be implemented as part of Projects S23, S24, and S25 (Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phases 1, 2, and 3).

**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 3 phases.

**Neighborhood(s):** Pearl City, Aiea

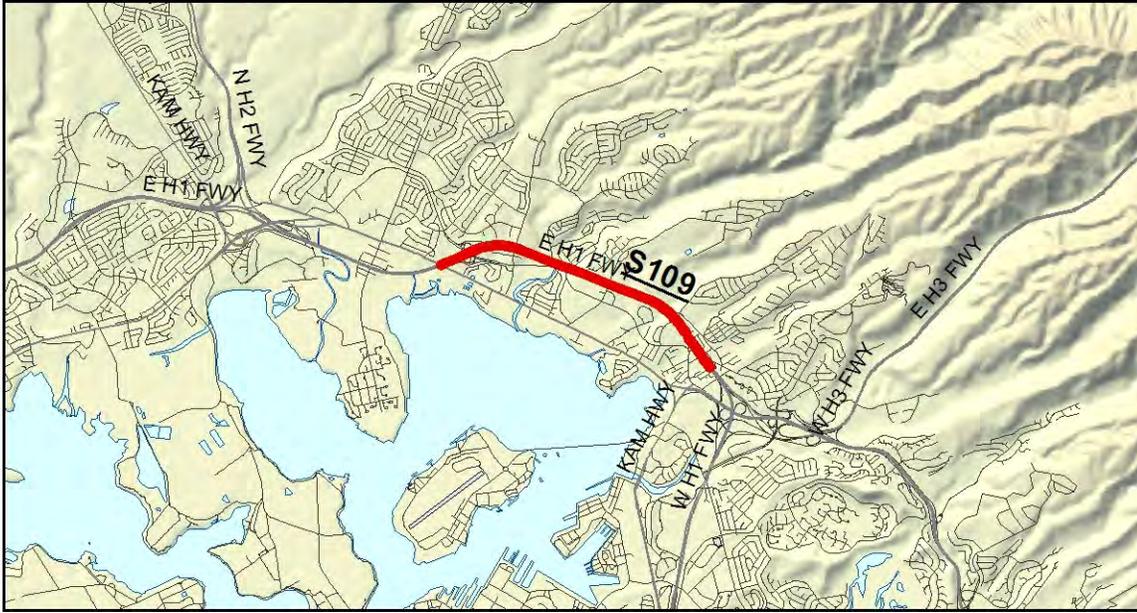
**Estimated Total Project Cost:** \$75,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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													
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A

**S109 Interstate Route H-1, Rehabilitation, Eastbound, Waiiu Interchange to Kaimakani Bridge**



**TIP Revision #12 Details:**

Deferred and inflated CON from FY 2009 to FY 2010 due to a delay in the project schedule. This project is a possible ARRA-09 discretionary recipient.

**Project Description:**

This is a possible ARRA-09 discretionary project. If ARRA-09 discretionary funding is available, construction will be advanced as appropriate. Reconstruct asphalt pavement and Portland Cement Concrete (PCC) pavement; lift existing PCC pavement; install micropiles, drilled shafts, guardrail, highway lighting, signs, communication conduits and pullboxes, and pavement markings; upgrade drainage grates, bridge railings, and end posts; repair spalling on bridge parapet; relocate drainline; clean existing culverts; and provide traffic control.

**Neighborhood(s):** Pearl City, Aiea

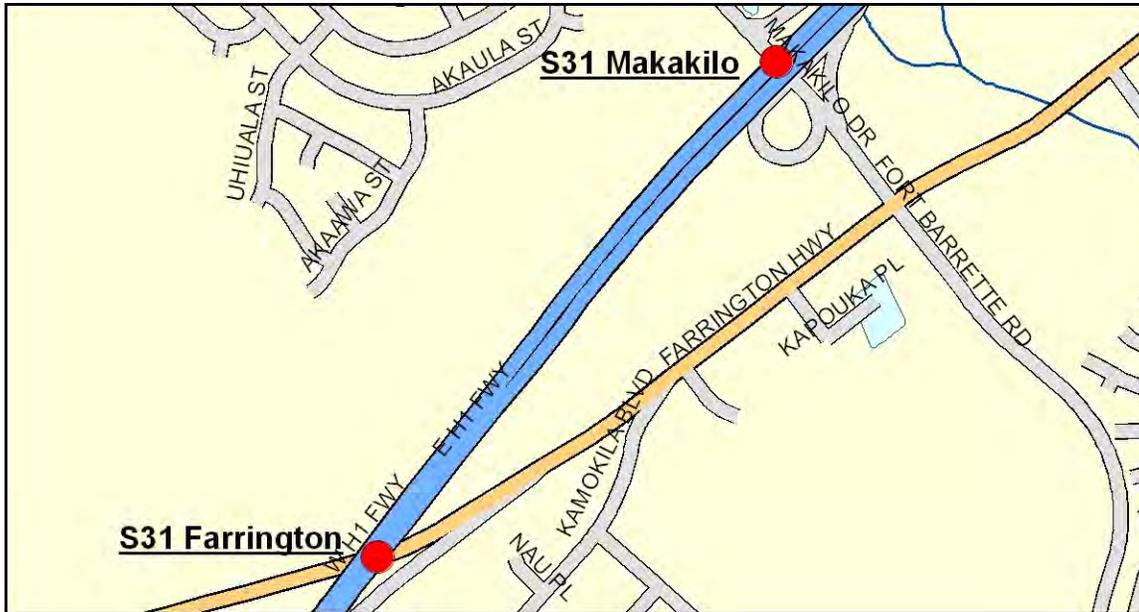
**Estimated Total Project Cost:** \$67,200,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	57,200	0	57,200	0	0	0	0	0	0	0	0	0	0	Local Only

**S31 Interstate Route H-1, Seismic Retrofit, Farrington Highway (Route 9107) Separation and Makakilo Separation**



**TIP Revision #12 Details:**

Revised federal/local share for ROW. Decreased CON by \$2,050,000 in FY 2009 and changed funding category to ARRA-09.

**Project Description:**

This is an ARRA-funded project. Seismic retrofit the existing bridges to meet current State seismic criteria.

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

**Estimated Total Project Cost:** \$2,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)		
ROW	80	48	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	1,800	1,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ARRA-09

**S34 Interstate Route H-1, Waiiau Interchange to Halawa Interchange, Widening, Eastbound**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

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

**Neighborhood(s):** Pearl City, Aiea

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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 (x\$1000)	Federal (x\$1000)	Local (x\$1000)	FY 2012			FY 2013												
													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	4,326	3,461	865	NHS

**S35 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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).

**Neighborhood(s):** Waipahu

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	3,245	2,920	325	IM

**S36 Interstate Route H-1, Ward Avenue (Route 7511) On-Ramp to University Interchange, Eastbound**



**TIP Revision #12 Details:**

Deferred and inflated PLN from FY 2009 to FY 2010. Deferred and inflated DES from FY 2012 to FY 2013. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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												
PLN	0	0	0	0	0	0	1,560	1,248	312	0	0	0	0	0	0	0	0	0	IM
DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	884	707	177	IM

**S37 Interstate Route H-3, H-3 Finish, Unit VIIC**



**TIP Revision #12 Details:**

Increased CON by \$1,280,000 in FY 2009 due to an increase in project estimates.

**Project Description:**

Construct stream channel improvements near the Animal Quarantine Station in Halawa Valley.

**Neighborhood(s):** Aiea

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	1,800	1,620	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	H-3 Discret

**S38 Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) Interchange**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Retrofit the interchange structure to meet current seismic standards.

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

**Neighborhood(s):** Mokapu, Kailua

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	0	0	0	3,016	2,413	603	Bridge On

**S39 Interstate Routes H-1 and H-2, Destination Sign Upgrade/Replacement, Phase 1 and Phase 2**



**TIP Revision #12 Details:**

Deferred and inflated Phase 1 CON from FY 2011 to FY 2012, and Phase 2 CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$6,112,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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												
<i>Phase 1</i>																			
CON	0	0	0	0	0	0	0	0	0	0	0	0	2,808	2,246	562	0	0	0	NHS
<i>Phase 2</i>																			
DES	0	0	0	600	540	60	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	0	0	0	2,704	2,434	270	NHS



**S45 Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II, Poalima Street to Aloiloi Street**



**TIP Revision #12 Details:**

Deferred and inflated DES from FY 2009 to FY 2010 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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

**Estimated Total Project Cost:** \$41,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	780	624	156	0	0	0	0	0	0	0	0	0	0	NHS

**S46 Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III, Aloiloi Street to Waimanalo Beach Park**



**TIP Revision #12 Details:**

Deleted project from the illustrative list. Deleted \$750,000 in DES funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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

**Estimated Total Project Cost:** \$41,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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													
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A

**S47 Kalaniana'ole Highway (Route 72), Improvements, Retaining Wall at Makapuu**



**TIP Revision #12 Details:**

Increased CON by \$523,000 in FY 2008 based on the actual obligation amount.

**Project Description:**

Repair/reconstruct a retaining wall along Kalaniana'ole Highway in the vicinity of Makapuu. The project will stabilize the roadway and slopes, and install rockfall mitigation measures.

**Neighborhood(s):** Waimanalo

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	11,923	8,982	2,941	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

**S48 Kalaniana'ole Highway (Route 72), Improvements, Vicinity of Hawaii Kai Drive to Keahole Street**



**TIP Revision #12 Details:**

Decreased CON by \$762,000 in FY 2008 based on the actual obligation amount.

**Project Description:**

Add an additional townbound lane from Hawaii Kai Drive to Keahole Street. The project will include utility relocation, asphalt concrete pavement, sidewalk, highway lighting, landscaping, irrigation, guardrail, signing, and pavement markings.

**Neighborhood(s):** Hawaii Kai

**Estimated Total Project Cost:** \$4,700,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	3,038	2,430	608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

**S49 Kalaniana'ole Highway (Route 72), Inoaole Stream Bridge Replacement**



**TIP Revision #12 Details:**

Deleted \$100,000 in PREROW funds in FY 2008. Deferred and inflated CON from FY 2011 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Replace the existing bridge.

**Neighborhood(s):** Waimanalo

**Estimated Total Project Cost:** \$8,300,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	
													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)		
ROW	0	0	0	0	0	0	500	400	100	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	6,864	5,491	1,373	0	0	0	0	STP Flex

**S98 Kalaniana'ole Highway (Route 72), Safety Improvements, Blow Hole to Lunalilo Home Road**



**TIP Revision #12 Details:**

Increased DES by \$3,000 in FY 2008 based on the actual obligation amount. Advanced CON from FY 2010 to FY 2009 based on the project schedule.

**Project Description:**

Install centerline rumble strips, reflector markers, pavement markings, striping, and signage on Kalaniana'ole Highway, from the Blow Hole (milepost 11.1) to Lunalilo Home Road (milepost 13.5).

**Neighborhood(s):** Hawaii Kai

**Estimated Total Project Cost:** \$600,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
DES	103	68	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	500	450	50	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

**S56 Kamehameha Highway, Bridge Rehabilitation, Cane Haul Road Structure, In-Bound, Vicinity of Waipahu**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Changed project name and project scope from a bridge replacement project to a bridge rehabilitation project.

**Project Description:**

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

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

**Neighborhood(s):** Waipahu

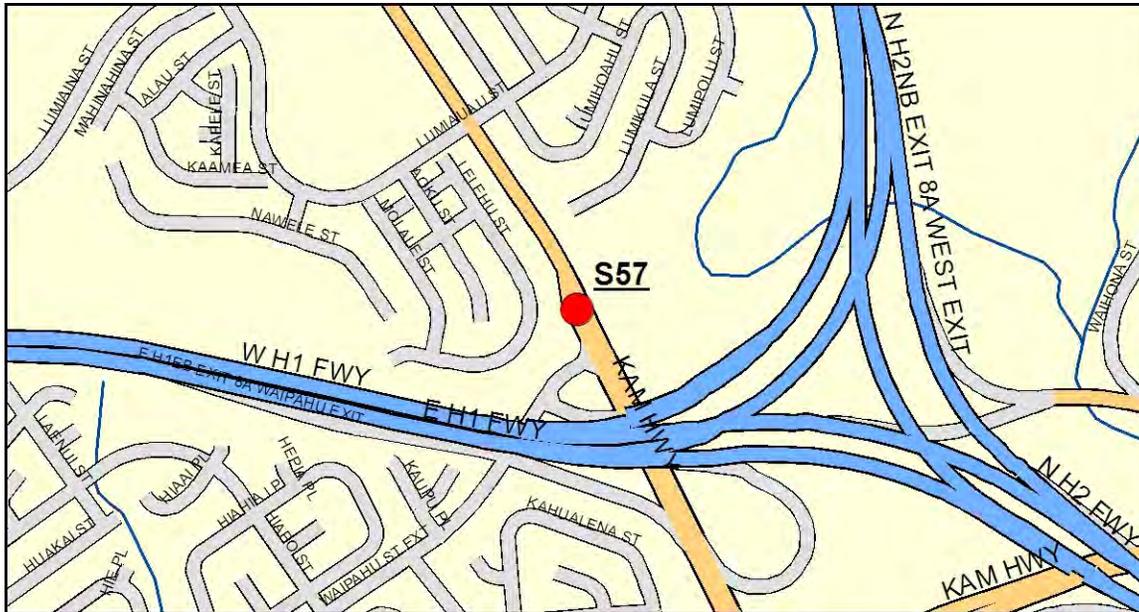
**Estimated Total Project Cost:** \$4,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	0	0	0	3,936	3,149	787	Bridge On

**S57 Kamehameha Highway, Bridge Rehabilitation, Cane Haul Road Structure, Out-Bound, Vicinity of Waipahu**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp). Changed project name and project scope from a bridge replacement project to a bridge rehabilitation project.

**Project Description:**

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

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

**Neighborhood(s):** Waipahu

**Estimated Total Project Cost:** \$4,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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 (x\$1000)	Federal (x\$1000)	Local (x\$1000)	FY 2012			FY 2013												
													Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,936	3,149	787	Bridge On

**S51 Kamehameha Highway, Bridge Rehabilitation, Kawailoa Stream Bridge**



**TIP Revision #12 Details:**

Deleted \$2,375,000 in CON funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** North Shore

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
DES	0	0	0	0	0	0	600	480	120	0	0	0	0	0	0	0	0	0	0	Bridge On
ROW	0	0	0	0	0	0	0	0	0	0	0	0	470	375	95	0	0	0	0	Bridge On

**S52 Kamehameha Highway, Bridge Rehabilitation, Laie/Loa Stream Bridge**



**TIP Revision #12 Details:**

Deferred and inflated a portion of the ROW funds from FY 2009 to FY 2010 because design efforts have just begun and right-of-way needs are currently unknown.

**Project Description:**

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

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	
													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)		
ROW	0	0	0	85	62	23	175	140	35	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	2,600	2,080	520	0	0	0	0	Bridge On

**S53 Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge**



**TIP Revision #12 Details:**

Increased DES by \$2,000 in FY 2008 based on the actual obligation amount.

**Project Description:**

Rehabilitate the existing 44-foot long bridge on Kamehameha Highway (Route 83) by widening and strengthening to meet current State standards.

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	602	450	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
ROW	0	0	0	0	0	0	0	0	0	225	180	45	0	0	0	0	0	0	0	Bridge On

**S54 Kamehameha Highway, Bridge Rehabilitation, Waikane Stream Bridge**



**TIP Revision #12 Details:**

Decreased DES by \$198,000 in FY 2008 based on the actual obligation amount. Deleted \$2,850,000 in CON funds in FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Rehabilitate the existing 44-foot long bridge on Kamehameha Highway (Route 83) by widening and strengthening to meet current State standards.

**Neighborhood(s):** Kahaluu

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	602	450	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
ROW	0	0	0	0	0	0	0	0	0	240	190	50	0	0	0	0	0	0	0	Bridge On

**S55 Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge**



**TIP Revision #12 Details:**

Deferred and inflated CON from FY 2012 to FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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
													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)	
ROW	0	0	0	0	0	0	380	305	75	0	0	0	0	0	0	0	0	0	0
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,120	2,496	624	Bridge On

**S58 Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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).

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$1,200,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	780	624	156	Bridge On

**S59 Kamehameha Highway, Bridge Replacement, Kalauao Springs Bridge, Eastbound**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated DES from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

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

**Neighborhood(s):** Aiea

**Estimated Total Project Cost:** \$9,300,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	780	624	156	Bridge On			

**S61 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge**



**TIP Revision #12 Details:**

Deferred and inflated CON from FY 2010 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	200	160	40	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	8,653	6,922	1,731	0	0	0	Bridge On	



**S63 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge**



**TIP Revision #12 Details:**

Deferred and inflated ROW from FY 2009 to FY 2010. Environmental documents and right-of-way efforts have not been completed. Deferred and inflated CON from FY 2011 to FY 2012 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																
ROW	0	0	0	0	0	0	975	780	195	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	9,880	7,904	1,976	0	0	0	0	0	0	Bridge On

**S64 Kamehameha Highway, Bridge Replacement, South Punaluu Stream Bridge**



**TIP Revision #12 Details:**

Added bridge-on system funds to supplement ARRA-09 funds due to an increase in project estimates.

**Project Description:**

This is an ARRA-funded project. Replace the existing bridge on Kamehameha Highway (Route 83).

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$23,500,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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
													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)	
CON	0	0	0	17,000	17,000	0	0	0	0	0	0	0	0	0	0	0	0	0	ARRA-09
CON	0	0	0	6,000	4,800	1,200	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

**S65 Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge**



**TIP Revision #12 Details:**

Deferred and inflated ROW from FY 2010 to FY 2011. Deferred and inflated CON from FY 2012 to FY 2013. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Wahiawa, North Shore

**Estimated Total Project Cost:** \$19,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	1,009	806	203	0	0	0	0	0	0	Earmark HP
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,600	12,480	3,120	Bridge On

**S66 Kamehameha Highway, Bridge Replacement, Waiahole Bridge**



**TIP Revision #12 Details:**

Deferred and inflated ROW from FY 2009 to FY 2010. Deferred and inflated CON from FY 2010 to FY 2012. Deferred these funds to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

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

**Neighborhood(s):** Kahaluu

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	FY 2012		FY 2013			
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																
ROW	0	0	0	0	0	0	692	554	138	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,535	8,428	2,107	0	0	0	Bridge On

**S73 Kamehameha Highway, Rockfall Protection, Waimea Bay**



**TIP Revision #12 Details:**

Increased DES by \$10,000 in FY 2008 based on the actual obligation amount.

**Project Description:**

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

**Neighborhood(s):** North Shore

**Estimated Total Project Cost:** \$11,010,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	1,510	1,144	366	0	0	0	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	0	0	0	9,500	7,600	1,900	NHS

**S99 Kamehameha Highway, Safety Improvements, Kaluanui Bridge to Puhuli Road**



**TIP Revision #12 Details:**

Increased DES by \$20,000 in FY 2008 based on the actual obligation amount.

**Project Description:**

Remove existing shoulder rumble strips and replace with new milled rumble strips on centerline and shoulders, pavement markings, striping, and signage along Kamehameha Highway (Route 83), from Kaluanui Bridge (milepost 22.6) to Puhuli Road (milepost 23.2).

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$370,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	70	45	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	300	270	30	0	0	0	0	0	0	0	0	0	HSIP

**S75 Kamehameha Highway, Shoreline Protection, Vicinity of Hauula (#14)**



**TIP Revision #12 Details:**

Deferred CON from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Construct shoreline protection measures for areas in Hauula (#14) along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$5,800,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	500	0	500	0	0	0	0	0	0	0	Local Only

**S76 Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa (#10)**



**TIP Revision #12 Details:**

Deferred CON from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**Project Description:**

Construct shoreline protection measures for areas in Kaaawa (#10) along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

**Neighborhood(s):** Koolauloa

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)														
DES	0	0	0	0	0	0	0	0	0	840	0	840	0	0	0	0	0	0	Local Only

**S74 Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu (#9)**



**TIP Revision #12 Details:**

Deferred CON from FY 2010 to FY 2011. The Army Corps of Engineer's 404 Permit is not likely to be obtained in time for FY 2010 construction.

**Project Description:**

Construct shoreline protection measures for areas in Punaluu (#9) along Kamehameha Highway (Route 83) susceptible to ocean erosion due to high wave action.

**Neighborhood(s):** Koolauloa

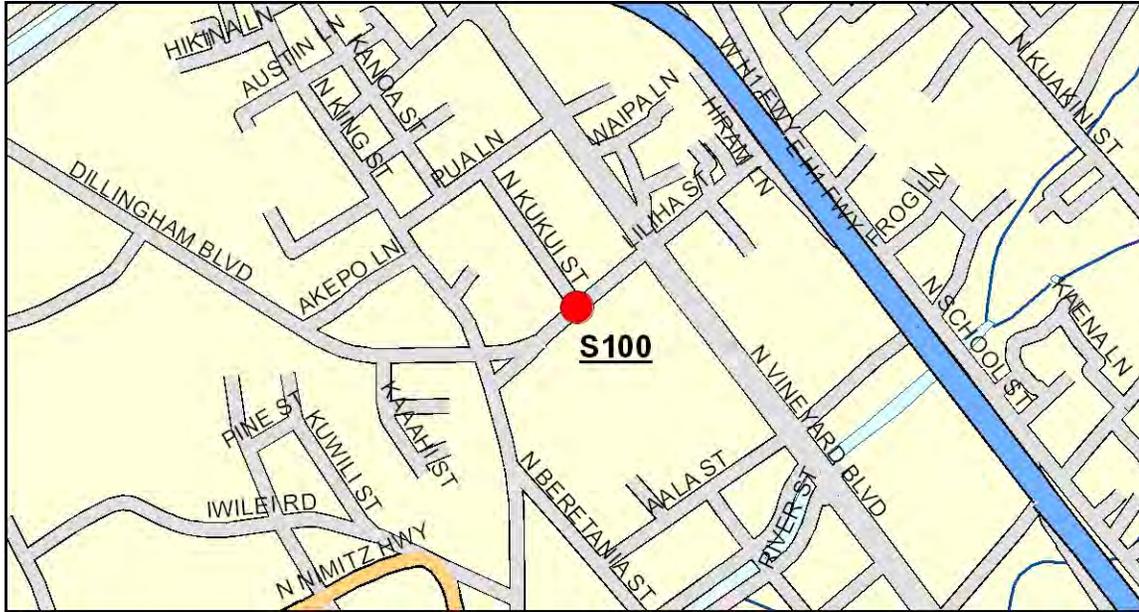
**Estimated Total Project Cost:** \$6,300,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	5,512	4,410	1,102	0	0	0	0	0	0	NHS

**S100 Liliha Street (Route 7413), Traffic Signal at Kukui Street**



**TIP Revision #12 Details:**

Revised federal/local share for DES for FY 2008. Deferred and inflated CON from FY 2009 to FY 2010 pending open-ended contract execution.

**Project Description:**

Install a traffic signal system, pavement markings, striping, and signage on the corner of Liliha Street and Kukui Street.

**Neighborhood(s):** Kalihi-Palama

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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 (x\$1000)	Federal (x\$1000)	Local (x\$1000)	FY 2012			FY 2013														
													Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)			
DES	100	83	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP	
CON	0	0	0	0	0	0	624	562	62	0	0	0	0	0	0	0	0	0	0	0	HSIP

**S86 Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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).

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

**Estimated Total Project Cost:** \$7,700,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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)	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,616	4,493	1,123	NHS

**S87 Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"**



**TIP Revision #12 Details:**

This project remains on the illustrative list. Deferred and inflated CON from FY 2012 to FY 2013 (outside of the TIP) to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

**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).

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

**Estimated Total Project Cost:** \$4,600,000

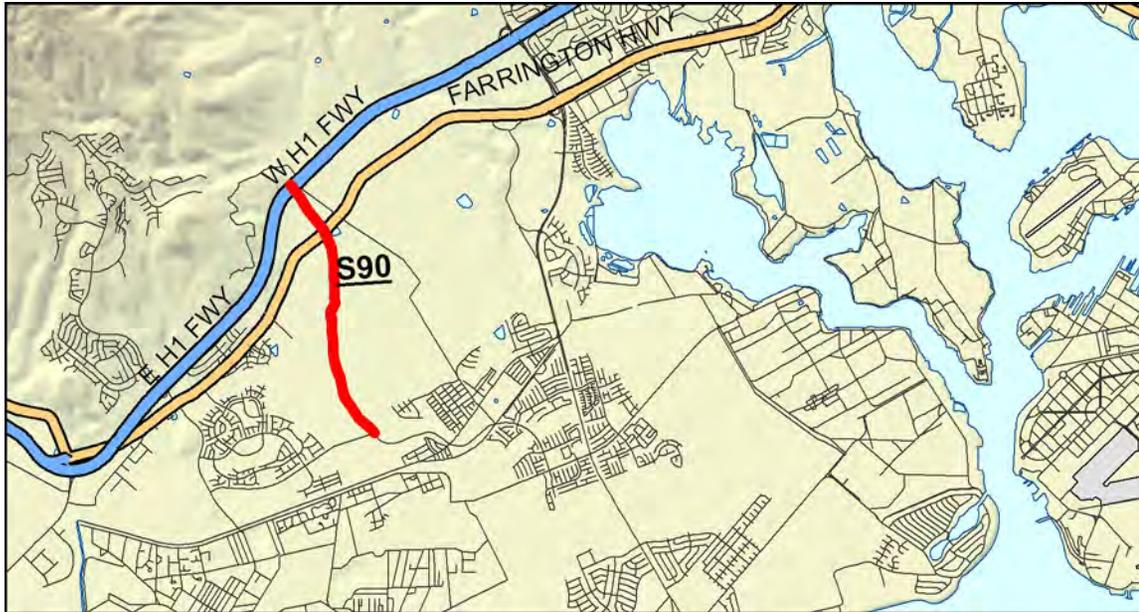
**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	0	0	0	3,692	2,954	738	Bridge On



**S90 North-South Road (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of H-1 Freeway, Phase II**



**TIP Revision #12 Details:**

Deleted Phase II from the illustrative list. Adjusted ADVCON reimbursement for Phases 1B and 1C by \$1,000. Deferred DES from FY 2013 to beyond FY 2013 to accommodate the design-build development of Project S110 (Interstate Route H-1 Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp).

Phase II is neither programmed in the 4-year TIP, nor in the 2-year illustrative period.

**Project Description:**

Phase 1B consisted of constructing the interim roadway from Kapolei Parkway to Farrington Highway. Phase 1C 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.

Phase II is neither programmed in the 4-year TIP nor in the 2-year illustrative period.

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

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

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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													
Phase 2																				
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
<i>Phases 1B and 1C (Advance construction reimbursement from 2007)</i>																				
ADVCON	0	8,666	-8,666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NHS

**S93 Traffic Signal Modernization, Various Locations, Waialae Avenue (Route 7601) and Nimitz (Route 92), Farrington (Route 93 and Route 7101), Pali (Route 61), and Likelike (Route 83) Highways**



**TIP Revision #12 Details:**

Increased CON by \$1,028,000 in FY 2008 based on the actual obligation amount. Changed funding category from STP Flexible to CMAQ for financial constraint.

**Project Description:**

- Improve traffic signals at various locations:
1. Waialae Avenue from 21st Avenue to Kilauea Avenue
  2. Nimitz Highway from Valkenburgh Street to Halekauwila Street
  3. Pali Highway at School Street
  4. Likelike Highway at Anoi Road
  5. Farrington Highway from Waipio Access Road to Fort Weaver Road ramp
  6. Farrington Highway from Lualualei Homestead Road to Makaha Valley Road

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$6,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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	5,528	4,342	1,186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	CMAQ



**TIP Revision #12 Details:**

Revised cost estimates for FY 2008 through FY 2010 based on the actual and estimated obligation amounts.

**Project Description:**

Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.

**Neighborhood(s):** Islandwide

**Estimated Total Project Cost:** \$18,000,000

**Project Sponsor:** State of Hawaii (FHWA Funded)

**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												
OPR	1,711	1,711	0	1,921	1,921	0	1,113	1,113	0	980	980	0	838	838	0	685	685	0	CMAQ
OPR	1,164	1,164	0	1,201	1,201	0	1,548	1,548	0	1,920	1,920	0	2,062	2,062	0	2,215	2,215	0	FHWA X-fer

**C01 Alapai Transportation Management Center**



**TIP Revision #12 Details:**

Reprogrammed \$1,500,000 in PLN/DES-2 to CON and increased CON by another \$1,500,000 in FY 2010 because civil and utility work will be starting.

**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

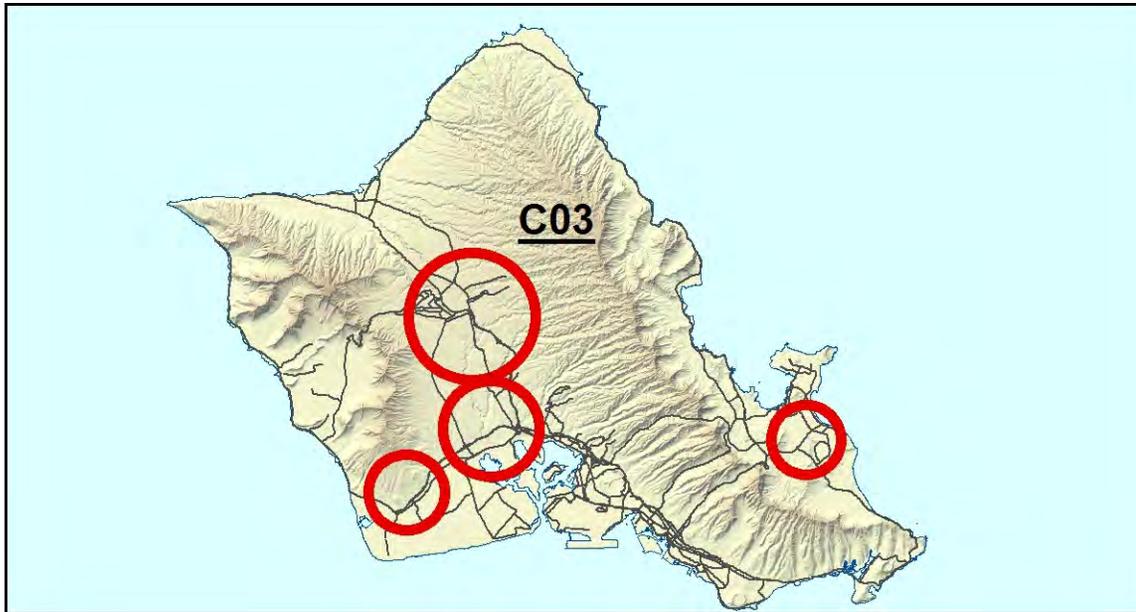
**Estimated Total Project Cost:** \$83,091,000

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

**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)	(x\$1000)	(x\$1000)													
PLN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
PLN/DES-1	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-2	0	0	0	6,700	1,200	5,500	0	0	0	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
CON	0	0	0	0	0	0	3,000	2,400	600	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	5,338	-5,338	0	5,338	-5,338	STP Flex

**C03 Computerized Traffic Control System**



**TIP Revision #12 Details:**

Revised the location description for Phase 13 CON by replacing the Mililani/Wahiawa area with Kailua. This is an ARRA backup project. Should ARRA funds become available, the funds will be used for the project in the Kailua area.

**Project Description:**

This is an ARRA backup project. Should ARRA funds become available, the funds will be used for the project in the Kapolei, Makakilo, and/or Kailua areas. 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. Project locations are listed below.

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$17,926,000  
(for FYs 2008-2013 only)

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

**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	1	0	1	1	0	1	Local Only
INSP	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<i>Phase 11: Kapolei, Makakilo</i>																			
CON	0	0	0	3,180	2,400	780	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 12: Waipahu, Waikale, Waipio</i>																			
DES	340	240	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	3,180	2,400	780	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 13: Kailua</i>																			
CON	0	0	0	0	0	0	0	0	0	3,180	2,400	780	0	0	0	0	0	0	STP Flex

### C03 Computerized Traffic Control System

*Phase 13: Mililani, Wahiawa*

DES	0	0	0	300	240	60	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
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*Phase 14*

DES	0	0	0	0	0	0	300	240	60	0	0	0	0	0	0	0	0	0	STP Flex	
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	3,180	2,400	780	0	0	0	STP Flex

*Phase 15*

DES	0	0	0	0	0	0	0	0	0	300	240	60	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,180	2,400	780	STP Flex

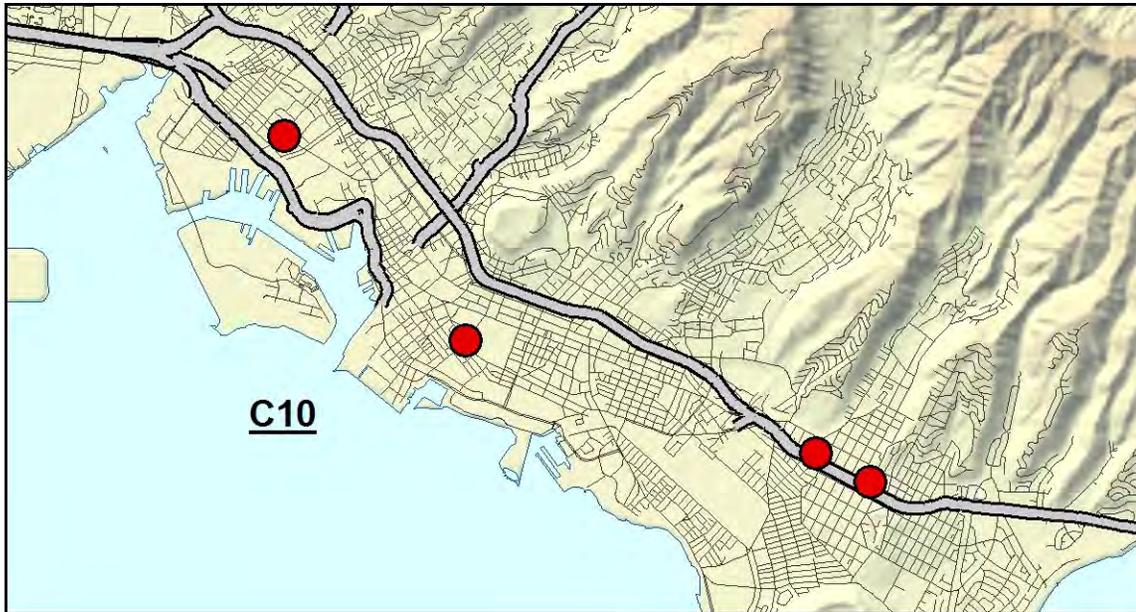
*Phase 16*

DES	0	0	0	0	0	0	0	0	0	0	0	0	375	300	75	0	0	0	0	STP Flex
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*Phase 17*

DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	375	300	75	STP Flex
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## C10 Traffic Improvements at Various Locations



### TIP Revision #12 Details:

Increased DES by \$200,000 and CON by \$652,000 in FY 2009 to reflect actual cost estimates.

### Project Description:

This is an ARRA-funded project. Project will provide for traffic congestion relief and improve traffic safety at the locations specified below.

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$11,732,000  
(for FYs 2008-2013 only)

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

**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													
<b>a. Harding Avenue at 5th and 11th Avenues</b>																				
CON	0	0	0	2,800	2,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ARRA-09
INSP	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<b>b. Dillingham Boulevard (Route 7401) and North King Street (Route 7401)</b>																				
PLN	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	990	620	370	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
ROW	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
<b>c. Dillingham Boulevard (Route 7401) and Waiakamilo Road (Route 7411)</b>																				
DES	0	0	0	200	160	40	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	1,200	960	240	0	0	0	0	0	0	0	0	0	0	STP Flex
<b>d. Ward Avenue (Route 7511) and Kapiolani Boulevard (Route 7503)</b>																				
CON	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<b>e. Location to be Determined</b>																				
DES	0	0	0	200	0	200	0	0	0	430	160	270	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	652	0	652	0	0	0	1,000	800	200	0	0	0	0	0	0	0	STP Flex

## C10 Traffic Improvements at Various Locations

### f. Location to be Determined

DES	0	0	0	0	0	0	0	0	0	0	0	0	430	160	270	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	1,000	800	200	0	0	0	STP Flex

### g. Location to be Determined

DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430	160	270	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	800	200	STP Flex

**S101 Job Access and Reverse Commute Program Projects (Small Urban)**

Projects are not yet determined.

**TIP Revision #12 Details:**

Deleted the programmed amounts for FY 2008 through FY 2010 to reflect the transfer of the small urban JARC funds to the City and County of Honolulu.

**Project Description:**

The Job Access and Reverse Commute (JARC) program aims to improve access to transportation services to employment and employment related activities for welfare recipients and eligible low-income individuals. It also provides funding to transport residents of urbanized areas and non-urbanized areas to suburban employment opportunities. The HDOT is the designated recipient for funds apportioned to the Kailua-Kaneohe urbanized area and non-urbanized areas.

The FY 2008 through FY 2010 funds will be transferred to the City and County of Honolulu via the §5307 program.

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$586,000

**Project Sponsor:** State of Hawaii (FTA Funded)

**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												
EQ/OPR	0	0	0	0	0	0	0	0	0	89	68	21	94	72	22	98	75	23	\$5316

**S102 New Freedom Projects (Small Urban)**

Projects are not yet determined.

**TIP Revision #12 Details:**

Deleted the programmed amounts for FY 2008 through FY 2010 to reflect the transfer of the small urban New Freedom funds to the City and County of Honolulu.

**Project Description:**

The New Freedom formula grant aims to provide additional tools to overcome existing barriers facing Americans with disabilities who are seeking integration into the workforce and full participation in society. It also seeks to reduce barriers to transportation services and expand the transportation mobility options available to people with disabilities beyond the requirements of the Americans with Disabilities Act of 1990. The HDOT is the designated recipient of funds apportioned to the Kailua-Kaneohe urbanized areas and non-urbanized areas.

The FY 2008 through FY 2010 funds will be transferred to the City and County of Honolulu via the §5307 program.

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$493,000

**Project Sponsor:** State of Hawaii (FTA Funded)

**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												
EQP/OPR	0	0	0	0	0	0	0	0	0	74	58	16	78	61	17	81	64	17	\$5317

**C23 West Oahu Bus and Handi-Van Maintenance Facility**

Site is not yet determined.

**TIP Revision #12 Details:**

Decreased ROW by \$1,000 in FY 2009 to reflect actual cost estimates.

**Project Description:**

Plan, design, and construct a maintenance facility for the bus and Handi-Van operations in West Oahu. The site is not yet determined.

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$26,704,000

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

**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	0	0	0	450	200	250	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
PLN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	1,001	0	1,001	0	0	0	0	0	0	0	0	0	0	Local Only
ROW	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	24,250	0	24,250	0	0	0	0	0	0	0	0	0	0	Local Only
EQP	0	0	0	0	0	0	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	Local Only

## FYs 2008-2011 TIP REVISION #12 FUNDING SUMMARY

	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY					
	FY 2012		FY 2013			FY 2012			FY 2013			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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)
<b>FHWA-FUNDED PROJECTS</b>																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #11	47,830	47,374	456	171,364	96,341	75,023	123,715	83,357	40,358	82,030	83,226	(1,196)	134,861	112,750	22,111	106,665	86,945	19,720
Revision #12 Changes	(139)	(8,397)	8,258	(41,164)	561	(41,725)	40,607	(16,188)	56,795	(26,687)	(21,891)	(4,796)	(35,338)	(28,523)	(6,815)	40,451	36,767	3,684
Total as of Revision #12	47,691	38,977	8,714	130,200	96,902	33,298	164,322	67,169	97,153	55,343	61,335	(5,992)	99,523	84,227	15,296	147,116	123,712	23,404
<u>C&amp;C of Honolulu - Sponsored Projects</u>																		
As of Revision #11	18,043	9,516	8,527	60,749	48,703	12,046	62,448	19,034	43,414	70,308	19,822	50,486	21,696	24,663	(2,967)	47,439	45,273	2,166
Revision #12 Changes	0	0	0	852	0	852	1,500	1,200	300	0	0	0	0	0	0	0	0	0
Total as of Revision #12	18,043	9,516	8,527	61,601	48,703	12,898	63,948	20,234	43,714	70,308	19,822	50,486	21,696	24,663	(2,967)	47,439	45,273	2,166
<b>TOTAL FHWA</b>	<b>65,734</b>	<b>48,493</b>	<b>17,241</b>	<b>191,801</b>	<b>145,605</b>	<b>46,196</b>	<b>228,270</b>	<b>87,403</b>	<b>140,867</b>	<b>125,651</b>	<b>81,157</b>	<b>44,494</b>	<b>121,219</b>	<b>108,890</b>	<b>12,329</b>	<b>194,555</b>	<b>168,985</b>	<b>25,570</b>
<b>FTA-FUNDED PROJECTS</b>																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #11	140	111	29	270	215	55	155	120	35	163	126	37	172	133	39	179	139	40
Revision #12 Changes	(140)	(111)	(29)	(270)	(215)	(55)	(155)	(120)	(35)	0	0	0	0	0	0	0	0	0
Total as of Revision #12	0	0	0	0	0	0	0	0	0	163	126	37	172	133	39	179	139	40
<u>C&amp;C of Honolulu - Sponsored Projects</u>																		
As of Revision #11	163,065	39,073	123,992	331,125	94,280	236,845	1,064,201	54,026	1,010,175	1,005,014	36,141	968,873	392,657	72,341	320,316	394,422	120,075	274,347
Revision #12 Changes	0	0	0	(1)	0	(1)	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #12	163,065	39,073	123,992	331,124	94,280	236,844	1,064,201	54,026	1,010,175	1,005,014	36,141	968,873	392,657	72,341	320,316	394,422	120,075	274,347
<b>TOTAL FTA</b>	<b>163,065</b>	<b>39,073</b>	<b>123,992</b>	<b>331,124</b>	<b>94,280</b>	<b>236,844</b>	<b>1,064,201</b>	<b>54,026</b>	<b>1,010,175</b>	<b>1,005,177</b>	<b>36,267</b>	<b>968,910</b>	<b>392,829</b>	<b>72,474</b>	<b>320,355</b>	<b>394,601</b>	<b>120,214</b>	<b>274,387</b>



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