

**FYs 2008 - 2011 TRANSPORTATION IMPROVEMENT PROGRAM**

**REVISION #5: AMENDMENT**

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



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## ABBREVIATIONS

### OVERALL ABBREVIATIONS

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

### ABBREVIATIONS USED IN PROJECT LISTING

#### ***FHWA Funding Categories***

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

**FTA Funding Categories**

§5307	FTA §5307 Urbanized Area Formula Program
§5309 BC	FTA §5309 Bus and Bus-Related Facilities
§5309 FGM	FTA §5309 Fixed Guideway Modernization
§5309 NS	FTA §5309 New Starts
§5309 Ferry	FTA §5309 New Starts (Ferry Allocation)
§5316	FTA §5316 Job Access Reverse Commute Program
§5317	FTA §5317 New Freedom Program
§5340	FTA §5340 Growing States and High Density States Formula Program

**Locally Funded Categories**

Local Only	Locally Funded
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**Project Phases**

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

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

**REVISION #5  
Amendment**

This revision is an amendment. Admendments require OahuMPO Policy Committee approval, a review by the Technical Advisory Committee, and the solicitation of public comments. Refer to Chapter 10 of the TIP for additional details.

**PROJECT**

**NUMBER PROJECT NAME (sorted by project name)**

**REVISION DESCRIPTION**

**FHWA- FUNDED PROJECTS**

**State of Hawaii - Sponsored Projects**

S97	Ala Moana Boulevard and Nimitz Highway, Resurfacing and Highway Lighting Replacement, Fort Street Mall to Kalakaua Avenue	Added "highway lighting replacement" to the project name. Changed terminus from Holomoana Street to Kalakaua Avenue. Increased CON in FY 2009 by \$2,300,000. This cost increase is mainly attributed to the undergrounding of utilities. The scope of Project S01, Ala Moana Boulevard Intersection Improvements at Piikoi Street, will be included as part of this project.
S01	Ala Moana Boulevard, Intersection Improvements, Piikoi Street	Deleted project. The scope of this project will be included in Project S097, Ala Moana Boulevard and Nimitz Highway, Resurfacing and Highway Lighting Replacement, Fort Street Mall to Kalakaua Avenue.
S02	Castle Hills Access Road Drainage Improvements	Added PRE-ROW for activities such as research and appraisals. Deferred ROW from FY 2008 to FY 2009 due to right-of-way issues; right-of-way settlement with resident is not yet complete.
S13	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2B	Deleted project from the 4-year TIP. Deferred and inflated DES (by 4% per year) from FY 2011 to FY 2012 (outside of the TIP). Deferred \$10,000,000 in CON funds from FY 2013 to a year after FY 2013. Previous local matching funds availability issues for the entire Freeway Management System has delayed this effort.
S24	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	Deleted project from the 4-year TIP. Deferred and inflated CON (by 4% per year) from FY 2011 to 2012 (outside of the TIP) to accommodate other HDOT priorities. Also, awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.
S31	Interstate Route H-1, Seismic Retrofit, Farrington Highway Separation, Makakilo Separation.	Deleted "Military Road Overpass" from the project name to reflect a change in the project's scope. Ownership of the Military Road Overpass was initially assumed to be DOT. It was later determined that it actually was owned by the military and that they would maintain the overpass.
S98	Kalaniana'ole Highway Safety Improvements, Blow Hole to Lunalilo Home Road	Added new project.

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

**State of Hawaii - Sponsored Projects**

S42	Kalaniana'ole Highway, Bicycle Improvements, Waimanalo Beach Park to Makapuu	Changed funding category from STP Flexible to Earmark-High Priority since it will use earmark funds originally programmed for S043 (Kalaniana'ole Highway, Bicycle Improvements, Olomana Golf Course to Waimanalo Beach Park). Remaining funds will come from National Highway System funds. Increased CON by \$1,200,000 in FY 2009.
S62	Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge	Increased CON in FY 2008 by \$3,800,000. A change in the structural design work for this bridge was determined to be more effective. This, however, caused the cost increase.
S72	Kamehameha Highway, Rockfall Protection, Vicinity of Wahiawa Town	Deleted project from the 4-year TIP. Deferred and inflated (by 4% per year) DES from FY 2011 to 2012 (outside of the TIP). HDOT is focusing on higher priority rockfall protection projects.
S99	Kamehameha Highway, Safety Improvements, Kaluanui Bridge to Puhuli Road	Added new project.
S100	Liliha Street, Traffic Signal at Kukui Street	Added new project.
S89	Nimitz Highway, Intersection Improvements, Valkenburgh Street	Deleted project. Deleted \$1,500,000 in CON funds in FY 2009. The Navy's project will address intersection safety improvements. HDOT will go forward with a smaller-scope improvement project using local funds.
S92	Pali Highway, Intersection Improvements at School Street	Deleted project. Deleted \$50,000 in ROW funds in FY 2009 and \$200,000 in CON funds in FY 2011. The project scope is minimal and will be funded using all local monies.
S95	Vanpool Program, Oahu	Revised programmed amounts to show new transfer estimates from FTA Section 5307 funds.

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

C02	Bridge Inspection and Appraisal	Increased DES by \$380,000 in FY 2009, \$350,000 in FY 2010, \$450,000 in FY 2011, \$450,000 in FY 2012, and \$550,000 in FY 2013. These increases in programmed amounts were made in order to meet the federal requirements in 23 CFR 650 Subpart C - National Bridge Inspection Standards. The City will inspect approximately 200 bridges every two years.
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PROJECT NUMBER	PROJECT NAME (sorted by project name)	REVISION DESCRIPTION
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**FHWA- FUNDED PROJECTS**

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

C04	Kapiolani Boulevard Reconstruction, Phases 1 and 2	Revised the scope of work to reflect the City's priorities and resources. Phase 1: Termini was originally South to Pensacola; replaced with South to Ward. Deferred CON from FY 2009 to FY 2010 as additional design work is required. Phase 2: Termini was originally Pensacola to Kalakaua and Atkinson; replaced with Ward to Kalakaua. Deferred construction from FY 2011 to FY 2013 subject to the pavement assessment of the proposed interim repair, which will be included in the ongoing Wastewater and Board of Water Supply project. Revised cost estimates for both phases to reflect the revised scope of work for each phase.
C06	Makakilo Drive Extension	Deferred and inflated DES from FY 2008 to FY 2009 as the planning phase is currently ongoing in FY 2008, including work on the environmental assessment. Increased DES by \$1,995,000 in FY 2009 to reflect anticipated design costs. Corrected a computation error in ADVCON by replacing \$2,509,000 in FYs 2011 through 2013 with \$2,315,000. Increased ADVCON by \$4,232,000 in FY 2011.
C11	Traffic Signal Maintenance Facility	Deferred and inflated CON (by 4% per year) from FY 2008 to FY 2009 as design phase currently ongoing in FY 2008. Increased CON in FY 2009 by \$1,850,000 to reflect estimated construction costs. Added INSP phase in FY 2009.

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

**State of Hawaii - Sponsored Projects**

S101	Job Access and Reverse Commute Program Projects (Small Urban)	Added new project.
S102	New Freedom Projects (Small Urban)	Added new project.

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

C16	Bus and Handi-Van Acquisition Program	Decreased EQP by \$4,050,000 in FY 2008, by \$2,930,000 in FY 2009, by \$6,330,000 in FY 2010, and by \$6,484,000 in FY 2011. In FY 2008, decreased the number of 60' buses by 5, and changed the bus purchase from 10 30' buses to 11 35' buses. In FY 2009, changed the bus purchase from 25 60' buses to 25 40' buses and changed the number of <30' buses from 20 to 40. In FY 2010, changed the bus purchase from 25 60' buses to 22 40' buses. In FY 2011, changed the bus purchase from 25 60' buses to 21 40' buses. Revised the project scope, i.e. size, type, or quantity of items due to estimated available federal funds and to meet the financial constraint requirement.
C25	Bus Stop Site Improvements, Kalaniana'ole Highway at Auloa Road	Added new project.
C19	Middle Street Intermodal Center	Revised DES in FY 2008 to local-only. Added \$5,300,000 for DES in FY 2010. Increased CON by \$3,560,000 in FY 2008. Deferred CON from FY 2009 to FY 2010, and increased CON by \$15,000,000. Deferred INSP from FY 2009 to FY 2010 and increased INSP by \$4,100,000. Revised cost estimates to reflect estimated construction costs. Revised parking structure construction estimates in FY 2010 to reflect implementation schedule.
C23	West Oahu Bus and Handi-Van Maintenance Facility	Deferred DES from FY 2009 to FY 2010 to reflect implementation schedule. Changed from federal to local funding to meet the financial constraint requirement. Increased PLN by \$200,000 in FY 2009. Increased CON by \$4,250,000 in FY 2010.
C24	Windward Transit Center	Increased PLN by \$250,000 in FY 2009. Increased DES by \$430,000 in FY 2010. Increased CON by \$690,000 in FY 2011. Changed from federal to local funding to meet the financial constraint requirement. Increased INSP by \$149,000 in FY 2011.

**S01 Ala Moana Boulevard, Intersection Improvements, Piikoi Street**



**TIP Revision #5 Details:**

Deleted project. The scope of this project will be included in Project S097, Ala Moana Boulevard and Nimitz Highway, Resurfacing and Highway Lighting Replacement, Fort Street Mall to Kalakaua Avenue.

**Project Description:**

Perform operational and safety improvements at the Piikoi Street and Ala Moana Boulevard intersection.

**Neighborhood(s):** Ala Moana-Kakaako

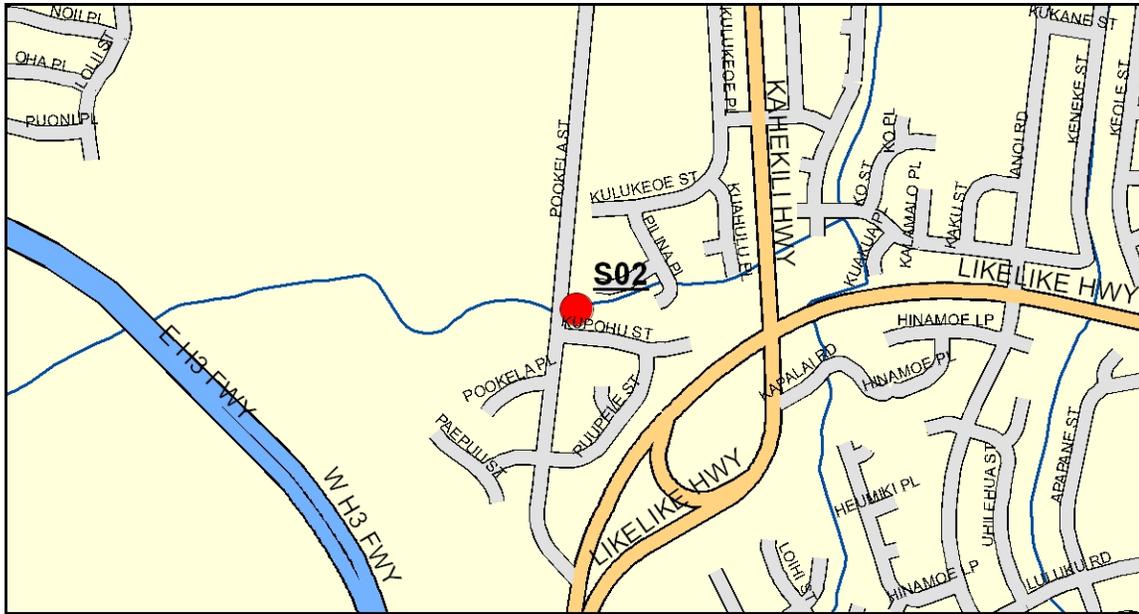
**Total Estimated Project Cost:** \$550,000

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

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

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

**S02 Castle Hills Access Road Drainage Improvements**



**TIP Revision #5 Details:**

Added PRE-ROW for activities such as research and appraisals. Deferred ROW from FY 2008 to FY 2009 due to right-of-way issues; right-of-way settlement with resident is not yet complete.

**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

**Total Estimated Project Cost:** \$13,100,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
PREROW	50	40	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
ROW/CON	0	0	0	5,000	4,000	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Section 115

**S13 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, Phase 2B**



**TIP Revision #5 Details:**

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

**Project Description:**

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

**Neighborhood(s):** Various Locations

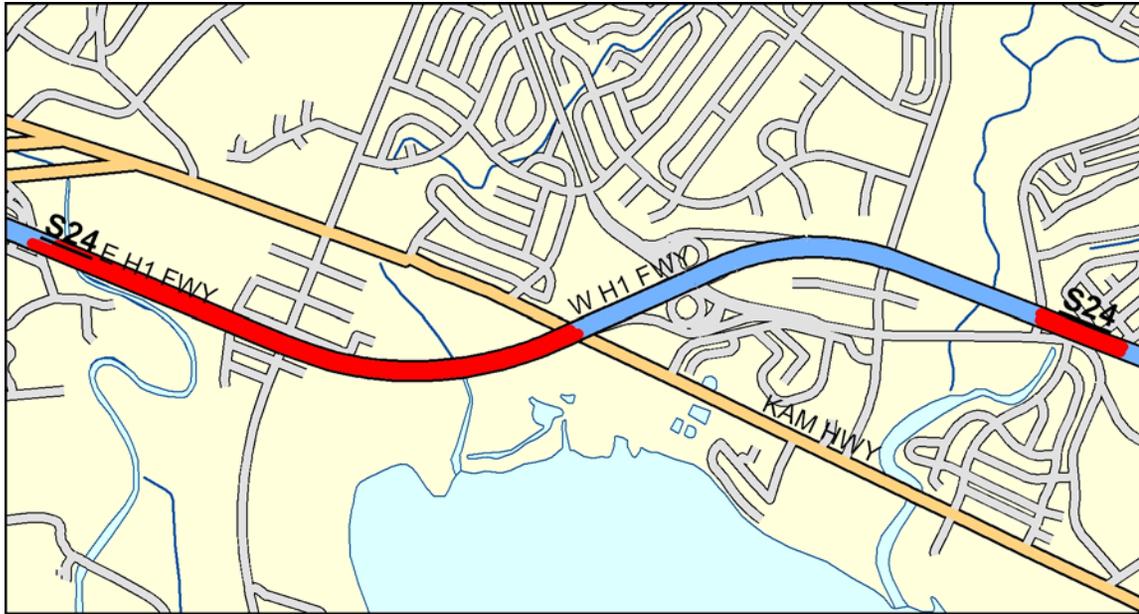
**Total Estimated Project Cost:** \$44,000,000

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

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

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

**S24 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2**



**TIP Revision #5 Details:**

Deleted project from the 4-year TIP. Deferred and inflated CON (by 4% per year) from FY 2011 to 2012 (outside of the TIP) to accommodate other HDOT priorities. Also, awaiting the development of a comprehensive plan for the entire H-1 Freeway corridor.

**Project Description:**

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

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

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

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

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

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	10,400	9,360	1,040	0	0	0	IM

**S31 Interstate Route H-1, Seismic Retrofit, Farrington Highway Separation, Makakilo Separation.**



**TIP Revision #5 Details:**

Deleted "Military Road Overpass" from the project name to reflect a change in the project's scope. Ownership of the Military Road Overpass was initially assumed to be DOT. It was later determined that it actually was owned by the military and that they would maintain the overpass.

**Project Description:**

Seismic retrofit existing 332, 251, and 278 foot long bridges to meet current State seismic criteria.

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

**Total Estimated Project Cost:** \$4,530,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category		
	Total	Federal	Local	FY 2012			FY 2013														
	(x\$1000)	Total	Federal	Local	Total	Federal	Local														
ROW	80	64	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On	
CON	0	0	0	3,850	3,080	770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bridge On

**S42 Kalaniana'ole Highway, Bicycle Improvements, Waimanalo Beach Park to Makapuu**



**TIP Revision #5 Details:**

Changed funding category from STP Flexible to Earmark-High Priority since it will use earmark funds originally programmed for S043 (Kalaniana'ole Highway, Bicycle Improvements, Olomana Golf Course to Waimanalo Beach Park). Remaining funds will come from National Highway System funds. Increased CON by \$1,200,000 in FY 2009.

**Project Description:**

Improve bike route on Kalaniana'ole Highway, from Huli Street to Makapuu Beach Park.

**Neighborhood(s):** Waimanalo

**Total Estimated Project Cost:** \$2,833,000

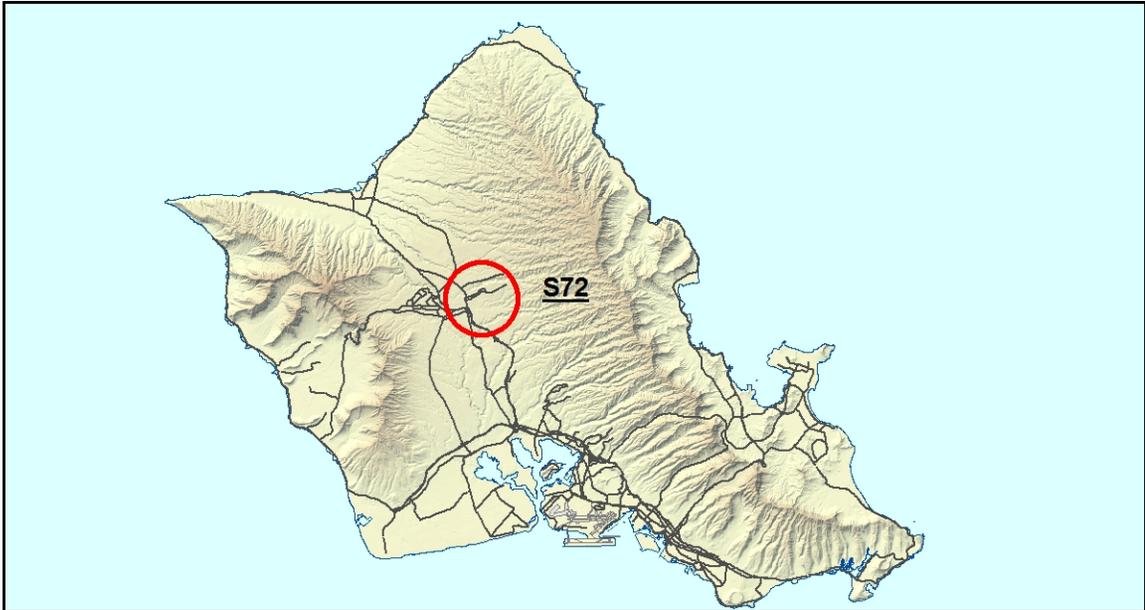
**Project Sponsor:** State of Hawaii (FHWA Funding)

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
													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	250	200	50	0	0	0	0	0	0	0	0	0	0	0	0	Earmark HP
CON	0	0	0	1,950	1,560	390	0	0	0	0	0	0	0	0	0	0	0	0	NHS



**S72 Kamehameha Highway, Rockfall Protection, Vicinity of Wahiawa Town**



**TIP Revision #5 Details:**

Deleted project from the 4-year TIP. Deferred and inflated (by 4% per year) DES from FY 2011 to 2012 (outside of the TIP). HDOT is focusing on higher priority rockfall protection projects.

**Project Description:**

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

**Neighborhood(s):** Wahiawa

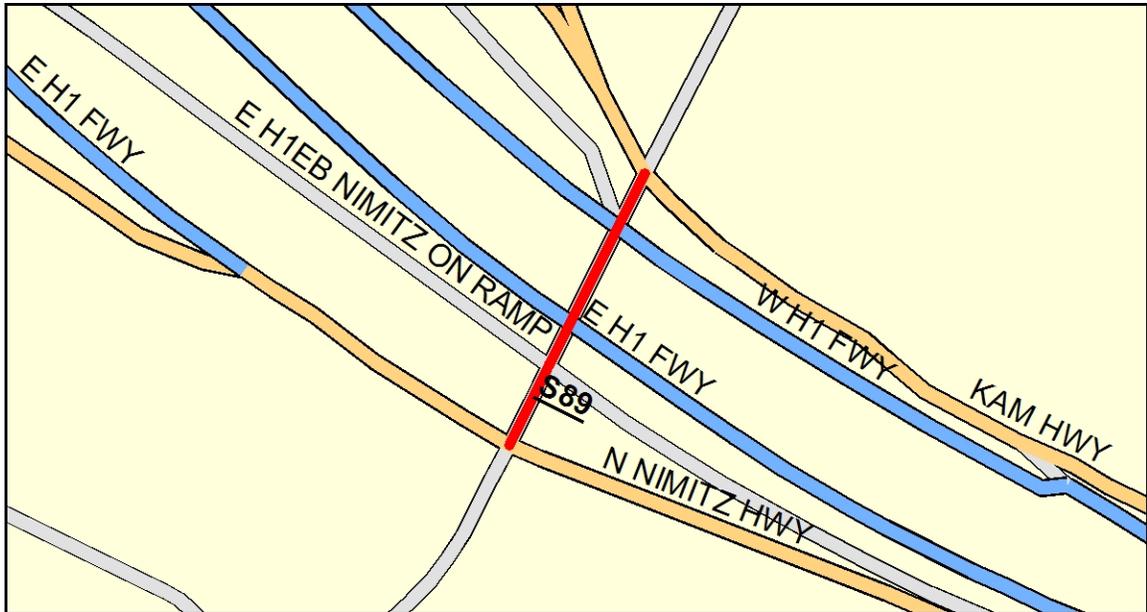
**Total Estimated Project Cost:** \$3,000,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	0	0	0	0	0	0	520	416	104	0	0	0	NHS

**S89 Nimitz Highway, Intersection Improvements, Valkenburgh Street**



**TIP Revision #5 Details:**

Deleted project. Deleted \$1,500,000 in CON funds in FY 2009. The Navy's project will address intersection safety improvements. HDOT will go forward with a smaller-scope improvement project using local funds.

**Project Description:**

Construct intersection operational and safety improvements on Valkenburgh Street at Nimitz Highway.

**Neighborhood(s):** Airport

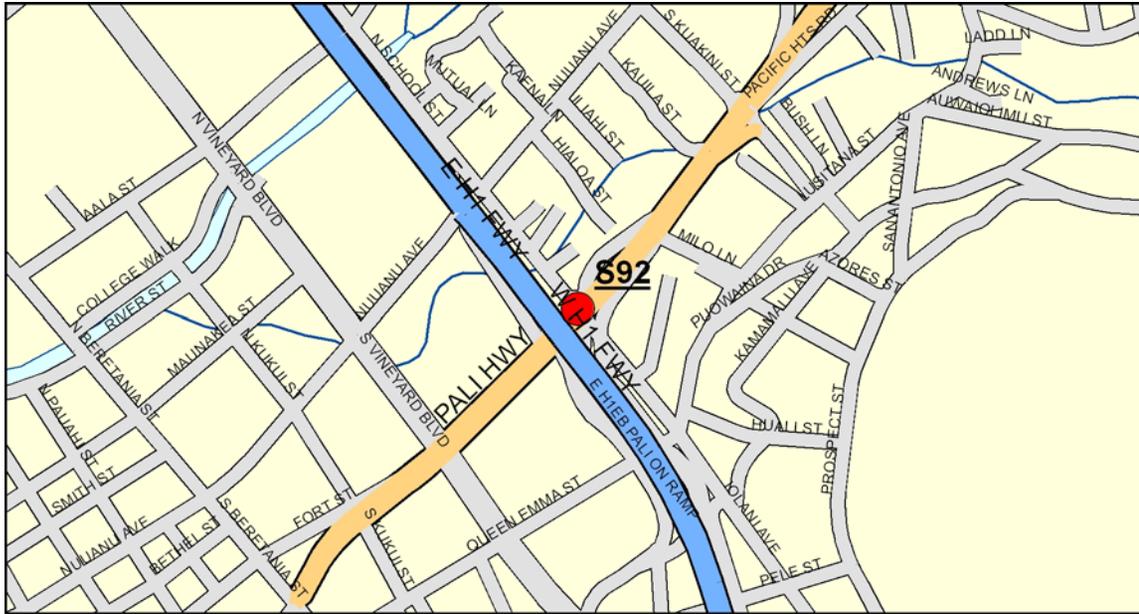
**Total Estimated Project Cost:** \$2,000,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012		FY 2013													
	(x\$1000)	(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	0	0	HSIP

**S92 Pali Highway, Intersection Improvements at School Street**



**TIP Revision #5 Details:**

Deleted project. Deleted \$50,000 in ROW funds in FY 2009 and \$200,000 in CON funds in FY 2011. The project scope is minimal and will be funded using all local monies.

**Project Description:**

Construct operational and safety improvements on Pali Highway at School Street.

**Neighborhood(s):** Nuuanu-Punchbowl

**Total Estimated Project Cost:** \$250,000

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

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

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



**TIP Revision #5 Details:**

Revised programmed amounts to show new transfer estimates from FTA Section 5307 funds.

**Project Description:**

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

**Neighborhood(s):** Islandwide

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

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FY 2012			FY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
OPR	1,352	1,352	0	1,237	1,237	0	1,113	1,113	0	980	980	0	838	838	0	685	685	0	CMAQ
OPR	1,548	1,548	0	1,663	1,663	0	1,787	1,787	0	1,920	1,920	0	2,062	2,062	0	2,215	2,215	0	FHWA X-fer

**S97 Ala Moana Boulevard and Nimitz Highway, Resurfacing and Highway Lighting Replacement, Fort Street Mall to Kalakaua Avenue**



**TIP Revision #5 Details:**

Added "highway lighting replacement" to the project name. Changed terminus from Holomoana Street to Kalakaua Avenue. Increased CON in FY 2009 by \$2,300,000. This cost increase is mainly attributed to the undergrounding of utilities. The scope of Project S01, Ala Moana Boulevard Intersection Improvements at Piikoi Street, will be included as part of this project.

**Project Description:**

Resurface roadway and improve lighting on Ala Moana Boulevard and Nimitz Highway from Fort Street Mall to Kalakaua Avenue.

**Neighborhood(s):** Downtown, Ala Moana-Kakaako, Waikiki

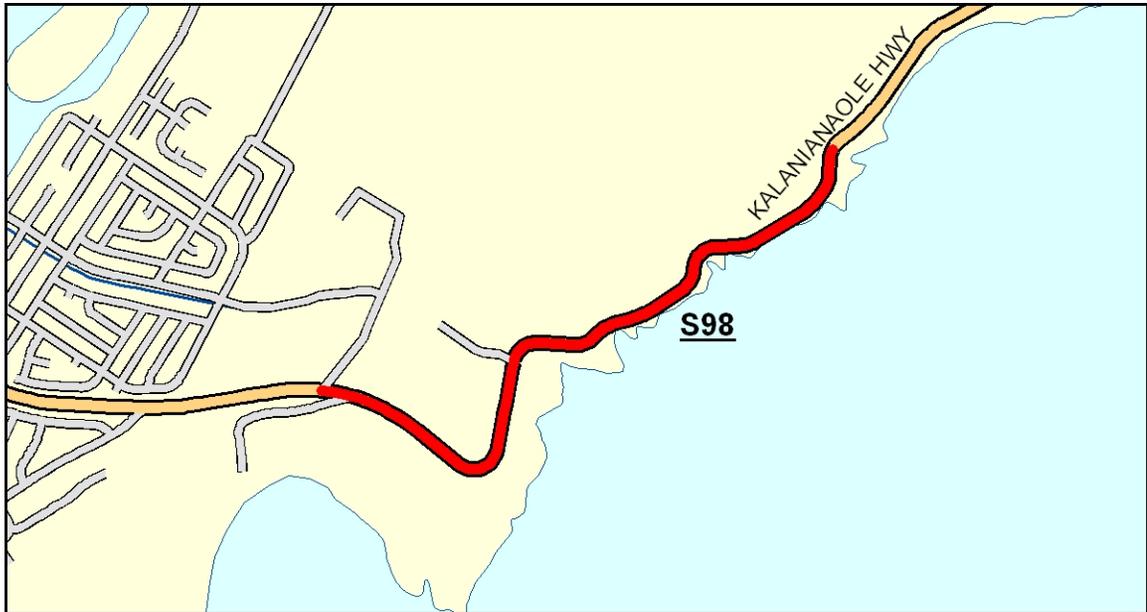
**Total Estimated Project Cost:** \$52,000,000

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

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
CON	0	0	0	34,300	26,300	8,000	0	0	0	0	0	0	0	0	0	0	0	0	NHS

**S98 Kalanianaʻole Highway Safety Improvements, Blow Hole to Lunalilo Home Road**



**TIP Revision #5 Details:**

Added new project.

**Project Description:**

Install centerline rumble strips, reflector markers, pavement markings, striping, and signage on Kalanianaʻole Highway, from the Blow Hole to Lunalilo Home Road.

**Neighborhood(s):** Hawaii Kai

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

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	100	90	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	0	0	0	500	450	50	0	0	0	0	0	0	0	0	0	0	HSIP

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



**TIP Revision #5 Details:**

Added new project.

**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, from Kaluanui Bridge to Puhuli Road.

**Neighborhood(s):** Koolauloa

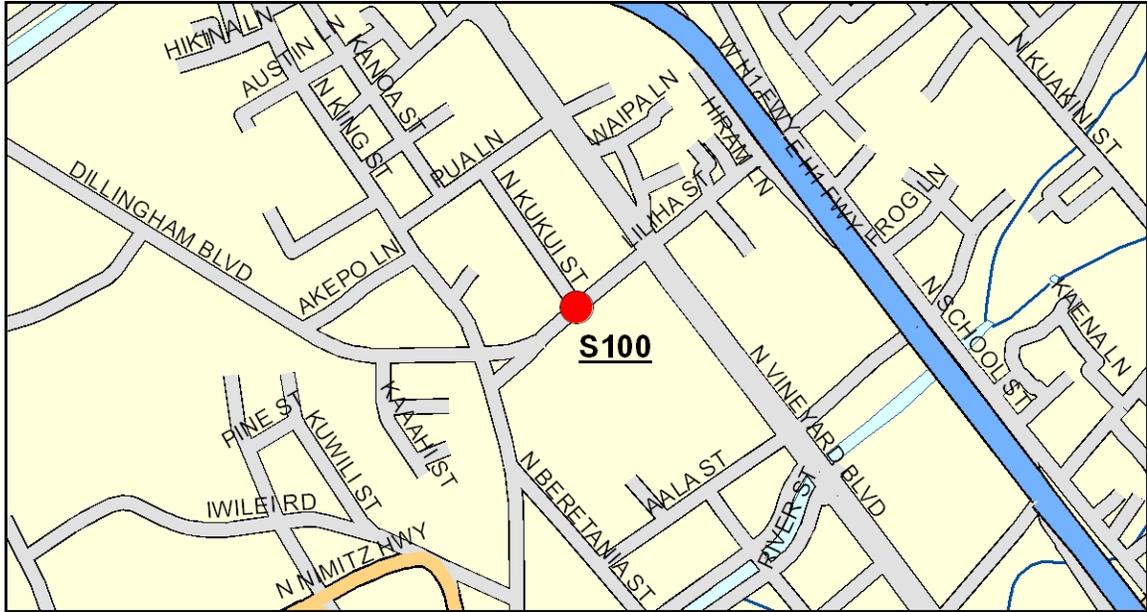
**Total Estimated Project Cost:** \$350,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	50	45	5	0	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	0	HSIP

**S100 Liliha Street, Traffic Signal at Kukui Street**



**TIP Revision #5 Details:**

Added new project.

**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

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

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

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

**FOR INFORMATION ONLY**

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
DES	100	90	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HSIP
CON	0	0	0	600	540	60	0	0	0	0	0	0	0	0	0	0	0	0	HSIP

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

Projects are not yet determined.

**TIP Revision #5 Details:**

Added new project.

**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.

**Neighborhood(s):** Various Locations

**Total Estimated Project Cost:** \$525,000

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

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

**FOR INFORMATION ONLY**

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
EQP/OPR	75	60	15	80	64	16	85	68	17	90	72	18	95	76	19	100	80	20	\$5316

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

Projects are not yet determined.

**TIP Revision #5 Details:**

Added new project.

**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.

**Neighborhood(s):** Various Locations

**Total Estimated Project Cost:** \$465,000

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

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

Phase	FOR INFORMATION ONLY																		Funding Category
	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
EQP/OPR	65	51	14	70	56	14	75	60	15	80	64	16	85	68	17	90	72	18	\$5317

**C02 Bridge Inspection and Appraisal**

Sites are not yet determined.

**TIP Revision #5 Details:**

Increased DES by \$380,000 in FY 2009, \$350,000 in FY 2010, \$450,000 in FY 2011, \$450,000 in FY 2012, and \$550,000 in FY 2013. These increases in programmed amounts were made in order to meet the federal requirements in 23 CFR 650 Subpart C - National Bridge Inspection Standards. The City will inspect approximately 200 bridges every two years.

**Project Description:**

Inventory, inspect, and appraise City bridges, including underwater inspection, scour analyses, surveys, and preparation of plans for bridge repairs. The bridges have not yet been determined.

**Neighborhood(s):** Various Locations

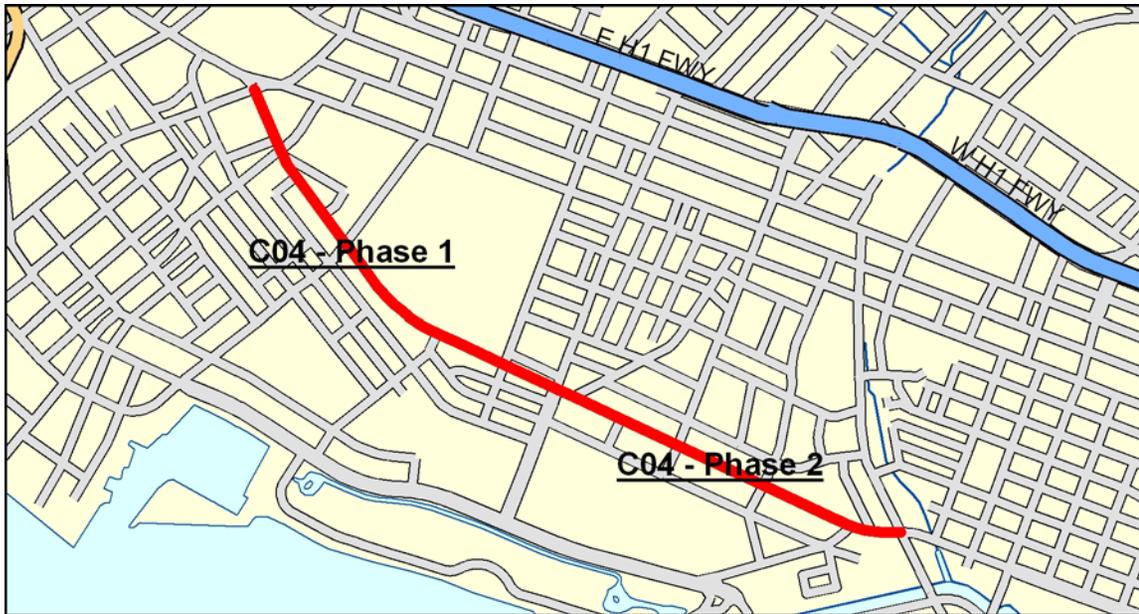
**Total Estimated Project Cost:** \$5,100,000  
*(for FYs 2008-2013 only)*

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

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

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	700	560	140	800	640	160	800	640	160	900	720	180	900	720	180	1,000	800	200	Bridge Off

**C04 Kapiolani Boulevard Reconstruction, Phases 1 and 2**



**TIP Revision #5 Details:**

Revised the scope of work to reflect the City's priorities and resources. Phase 1: Termini was originally South to Pensacola; replaced with South to Ward. Deferred CON from FY 2009 to FY 2010 as additional design work is required. Phase 2: Termini was originally Pensacola to Kalakaua and Atkinson; replaced with Ward to Kalakaua. Deferred construction from FY 2011 to FY 2013 subject to the pavement assessment of the proposed interim repair, which will be included in the ongoing Wastewater and Board of Water Supply project. Revised cost estimates for both phases to reflect the revised scope of work for each phase.

**Project Description:**

Reconstruct Kapiolani Boulevard to restore deteriorated pavement through use and/or disturbed by the installation of utilities, transit, and other roadway infrastructure improvements.  
 Phase 1: South Street to Ward Avenue  
 Phase 2: Ward Avenue to Kalakaua Avenue

**Neighborhood(s):** Ala Moana-Kakaako

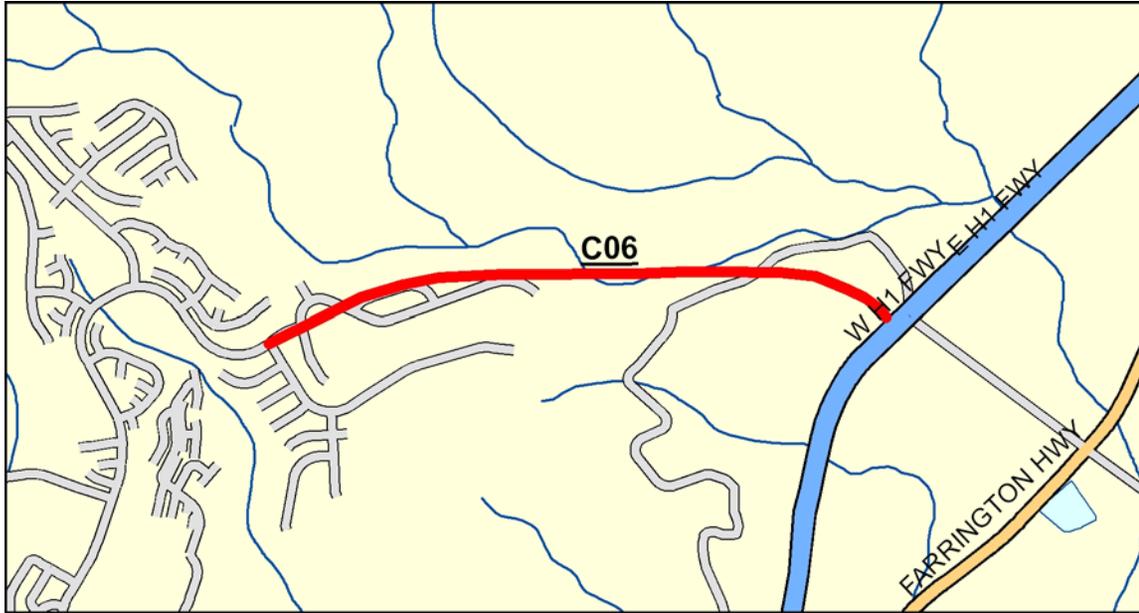
**Total Estimated Project Cost:** \$52,000,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
<i>Phase 1: South Street to Ward Avenue</i>																				
CON	0	0	0	0	0	0	7,730	6,185	1,545	0	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	6,570	0	6,570	0	5,255	-5,255	0	0	0	0	0	0	0	STP Flex
<i>Phase 2: Ward Avenue to Kalakaua Avenue</i>																				
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37,700	30,160	7,540	STP Flex	

**C06 Makakilo Drive Extension**



**TIP Revision #5 Details:**

Deferred and inflated DES from FY 2008 to FY 2009 as the planning phase is currently ongoing in FY 2008, including work on the environmental assessment. Increased DES by \$1,995,000 in FY 2009 to reflect anticipated design costs. Corrected a computation error in ADVCON by replacing \$2,509,000 in FYs 2011 through 2013 with \$2,315,000. Increased ADVCON by \$4,232,000 in FY 2011.

**Project Description:**

Plan, design, and construct the extension of Makakilo Drive from the existing terminus of the roadway in the Palehua Subdivision to the H-1 Freeway. The roadway extension is approximately one mile long.

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

**Total Estimated Project Cost:** \$39,615,000

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

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

**FOR INFORMATION ONLY**

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category	
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)		
ROW	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	5,115	2,115	3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	3,136	2,509	627	0	0	0	0	0	0	0	0	0	0	STP Flex
ADVCON	0	0	0	0	0	0	31,363	0	31,363	0	6,547	-6,547	0	2,315	-2,315	0	2,315	-2,315	0	STP Flex

## C11 Traffic Signal Maintenance Facility



### TIP Revision #5 Details:

Deferred and inflated CON (by 4% per year) from FY 2008 to FY 2009 as design phase currently ongoing in FY 2008. Increased CON in FY 2009 by \$1,850,000 to reflect estimated construction costs. Added INSP phase in FY 2009.

### Project Description:

Design, construct, and equip a new traffic signal operating and maintenance facility in Pearl City, Manana. The present traffic signal facility is temporarily located in Pearl City. Space is shared with the Department of Facility Maintenance and there is insufficient space for signal operation and maintenance. The proposed location is on City surplus property.

**Neighborhood(s):** Pearl City

**Total Estimated Project Cost:** \$5,930,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	5,750	4,000	1,750	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
INSP	0	0	0	70	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

**C16 Bus and Handi-Van Acquisition Program**



**TIP Revision #5 Details:**

Decreased EQP by \$4,050,000 in FY 2008, by \$2,930,000 in FY 2009, by \$6,330,000 in FY 2010, and by \$6,484,000 in FY 2011. In FY 2008, decreased the number of 60' buses by 5, and changed the bus purchase from 10 30' buses to 11 35' buses. In FY 2009, changed the bus purchase from 25 60' buses to 25 40' buses and changed the number of <30' buses from 20 to 40. In FY 2010, changed the bus purchase from 25 60' buses to 22 40' buses. In FY 2011, changed the bus purchase from 25 60' buses to 21 40' buses. Revised the project scope, i.e. size, type, or quantity of items due to estimated available federal funds and to meet the financial constraint requirement.

**Project Description:**

Purchase replacement transit buses and Handi-Van vehicles.  
 FY 2008: 15 60' buses + 11 35' buses + 20 <30' buses.  
 FY 2009: 25 40' buses + 40 <30' buses.  
 FY 2010: 22 40' buses + 20 <30' buses.  
 FY 2011: 21 40' buses + 20 <30' buses.

**Neighborhood(s):** Islandwide

**Total Estimated Project Cost:** \$137,126,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY			Funding Category			
	Total	Federal	Local	FY 2012		FY 2013													
	(x\$1000)	(x\$1000)	(x\$1000)		(x\$1000)	(x\$1000)													
EQP	13,430	5,815	7,615	15,648	10,166	5,482	10,592	8,605	1,987	12,390	8,615	3,775	0	0	0	0	0	0	\$5307/\$5340
EQP	0	0	0	432	346	86	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 BC
EQP	4,690	2,345	2,345	2,240	1,792	448	4,328	2,264	2,064	2,376	1,901	475	0	0	0	0	0	0	\$5309 FGM
EQP	3,000	1,500	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 NS
EQP	0	0	0	0	0	0	0	0	0	0	0	0	34,000	23,919	10,081	34,000	21,500	12,500	FTA

**C19 Middle Street Intermodal Center**



**TIP Revision #5 Details:**

Revised DES in FY 2008 to local-only. Added \$5,300,000 for DES in FY 2010. Increased CON by \$3,560,000 in FY 2008. Deferred CON from FY 2009 to FY 2010, and increased CON by \$15,000,000. Deferred INSP from FY 2009 to FY 2010 and increased INSP by \$4,100,000. Revised cost estimates to reflect estimated construction costs. Revised parking structure construction estimates in FY 2010 to reflect implementation schedule.

**Project Description:**

Design, construct, inspect, and provide relocation funds for Phase 2. Phase 2 is the completion of the Handi-Van parking lot, transit center platform, and a bus staging area. Phase 2 also includes design and construction of a parking garage.

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

**Total Estimated Project Cost:** \$81,460,000

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

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

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FY 2012			FY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	2,600	0	2,600	0	0	0	5,300	0	5,300	0	0	0	0	0	0	0	0	0	0	Local Only
CON	2,414	1,363	1,051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307/\$5340
CON	16,046	6,737	9,309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5309 BC
CON	0	0	0	0	0	0	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	Local Only
INSP	0	0	0	0	0	0	5,100	0	5,100	0	0	0	0	0	0	0	0	0	0	Local Only

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

Site is not yet determined.

**TIP Revision #5 Details:**

Deferred DES from FY 2009 to FY 2010 to reflect implementation schedule. Changed from federal to local funding to meet the financial constraint requirement. Increased PLN by \$200,000 in FY 2009. Increased CON by \$4,250,000 in FY 2010.

**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

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

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

**Agency Responsible for Carrying Out Project/Phase:**

City Department of Transportation Services

**FOR INFORMATION ONLY**

Phase	FY 2008			FY 2009			FY 2010			FY 2011			FY 2012			FY 2013			Funding Category
	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	Total (x\$1000)	Federal (x\$1000)	Local (x\$1000)	
ROW	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	Local Only
PLN	0	0	0	450	200	250	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	Local Only
DES	0	0	0	0	0	0	1,001	0	1,001	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	Local Only
EQP	0	0	0	0	0	0	1,000	0	1,000	0	0	0	0	0	0	0	0	0	Local Only

**C24 Windward Transit Center**

Site is not yet determined.

**TIP Revision #5 Details:**

Increased PLN by \$250,000 in FY 2009. Increased DES by \$430,000 in FY 2010. Increased CON by \$690,000 in FY 2011. Changed from federal to local funding to meet the financial constraint requirement. Increased INSP by \$149,000 in FY 2011.

**Project Description:**

Plan, design, construct, and inspect a transit center in windward Oahu. The site is not yet determined.

**Neighborhood(s):** Various Locations

**Total Estimated Project Cost:** \$4,156,000

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

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

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	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	Local Only
PLN	0	0	0	350	0	350	1	0	1	1	0	1	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	650	0	650	1	0	1	0	0	0	0	0	0	Local Only
CON	0	0	0	0	0	0	0	0	0	3,000	0	3,000	0	0	0	0	0	0	Local Only
INSP	0	0	0	0	0	0	0	0	0	150	0	150	0	0	0	0	0	0	Local Only



## FUNDING SUMMARY

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

### FHWA-FUNDED PROJECTS

#### State of Hawaii - Sponsored Projects

As of Revision #4	41,370	42,051	(681)	107,633	78,342	29,291	125,768	82,894	42,874	88,652	71,028	17,624	128,951	106,782	22,169	66,735	54,788	11,947
Revision #5 Changes	5,000	4,205	795	4,400	2,710	1,690	1,700	1,620	80	(12,125)	(10,590)	(1,535)	13,720	12,196	1,524	(9,100)	(7,100)	(2,000)
Total as of Revision #5	46,370	46,256	114	112,033	81,052	30,981	127,468	84,514	42,954	76,527	60,438	16,089	142,671	118,978	23,693	57,635	47,688	9,947

#### C&C of Honolulu - Sponsored Projects

As of Revision #4	36,743	21,836	14,907	33,269	10,390	22,879	47,277	14,169	33,108	99,628	13,951	85,677	21,015	28,279	(7,264)	8,977	18,649	(9,672)
Revision #5 Changes	(6,750)	(3,000)	(3,750)	(10,705)	4,865	(15,570)	14,650	4,865	9,785	(29,550)	5,871	(35,421)	450	(3,616)	4,066	38,250	26,624	11,626
Total as of Revision #5	29,993	18,836	11,157	22,564	15,255	7,309	61,927	19,034	42,893	70,078	19,822	50,256	21,465	24,663	(3,198)	47,227	45,273	1,954

<b>TOTAL FHWA</b>	<b>76,363</b>	<b>65,092</b>	<b>11,271</b>	<b>134,597</b>	<b>96,307</b>	<b>38,290</b>	<b>189,395</b>	<b>103,548</b>	<b>85,847</b>	<b>146,605</b>	<b>80,260</b>	<b>66,345</b>	<b>164,136</b>	<b>143,641</b>	<b>20,495</b>	<b>104,862</b>	<b>92,961</b>	<b>11,901</b>
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### FTA-FUNDED PROJECTS

#### State of Hawaii - Sponsored Projects

As of Revision #4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Revision #5 Changes	140	111	29	150	120	30	160	128	32	170	136	34	180	144	36	190	152	38
Total as of Revision #5	140	111	29	150	120	30	160	128	32	170	136	34	180	144	36	190	152	38

#### C&C of Honolulu - Sponsored Projects

As of Revision #4	176,347	62,723	113,624	368,342	57,457	310,885	339,153	53,312	285,841	371,776	95,545	276,231	383,802	200,653	183,149	385,453	198,273	187,180
Revision #5 Changes	(172)	(3,305)	3,133	(38,682)	(4,778)	(33,904)	60,237	(15,296)	75,533	(5,062)	(7,749)	2,687	688	688	0	802	802	0
Total as of Revision #5	176,175	59,418	116,757	329,660	52,679	276,981	399,390	38,016	361,374	366,714	87,796	278,918	384,490	201,341	183,149	386,255	199,075	187,180

<b>TOTAL FTA</b>	<b>176,315</b>	<b>59,529</b>	<b>116,786</b>	<b>329,810</b>	<b>52,799</b>	<b>277,011</b>	<b>399,550</b>	<b>38,144</b>	<b>361,406</b>	<b>366,884</b>	<b>87,932</b>	<b>278,952</b>	<b>384,670</b>	<b>201,485</b>	<b>183,185</b>	<b>386,445</b>	<b>199,227</b>	<b>187,218</b>
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**FINANCIAL PLAN**  
**FYs 2008-2011 TIP as of Revision #5**

The FHWA program is financially constrained, as demonstrated in the following tables. The amount of FHWA funds estimated to be available for projects on Oahu is determined through a cooperative agreement between the OahuMPO, HDOT, and DTS. Information on the revenues estimated to be available for the entire State of Hawaii is available in the HDOT's FYs 2008-2011 STIP, as revised. Refer to Chapter 13 of the TIP for additional information on FHWA and FTA funding sources.

**FHWA Financial Constraint – FY 2008**

<b>FY 2008</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
Bridge Off-System	560	140	700	700	0
Bridge On-System	13,176	3,294	16,470	16,470	0
CMAQ	1,352	0	1,352	1,352	0
Discretionary Funds	450	50	500	500	0
Earmark High Priority	0	0	0	0	0
Earmark Section 115	0	0	0	0	0
Highway Safety Improvement Program	225	25	250	250	0
Interstate Maintenance	0	0	0	0	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	25,865	(4,365)	21,500	21,500	0
STP Enhancement	0	0	0	0	0
STP Flexible	21,916	11,254	33,170	33,170	0
Transfer from FTA to FHWA	1,548	0	1,548	1,548	0
Local Only	0	873	873	873	0
<b>FHWA TOTAL</b>	<b>65,092</b>	<b>11,271</b>	<b>76,363</b>	<b>76,363</b>	<b>0</b>

**FHWA Financial Constraint – FY 2009**

<b>FY 2009</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
Bridge Off-System	640	160	800	800	0
Bridge On-System	19,674	4,916	24,590	24,590	0
CMAQ	1,237	0	1,237	1,237	0
Discretionary Funds	0	0	0	0	0
Earmark High Priority	200	50	250	250	0
Earmark Section 115	4,000	1,000	5,000	5,000	0
Highway Safety Improvement Program	785	115	900	900	0
Interstate Maintenance	11,698	1,762	13,460	13,460	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	40,410	10,290	50,700	50,700	0
STP Enhancement	665	167	832	832	0
STP Flexible	15,335	7,205	22,540	22,540	0
Transfer from FTA to FHWA	1,663	0	1,663	1,663	0
Local Only	0	12,625	12,625	12,625	0
<b>FHWA TOTAL</b>	<b>96,307</b>	<b>38,290</b>	<b>134,597</b>	<b>134,597</b>	<b>0</b>

**FHWA Financial Constraint – FY 2010**

<b>FY 2010</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
Bridge Off-System	1,840	460	2,300	2,300	0
Bridge On-System	30,217	7,553	37,770	37,770	0
CMAQ	1,113	0	1,113	1,113	0
Discretionary Funds	0	0	0	0	0
Earmark High Priority	1,575	395	1,970	1,970	0
Earmark Section 115	0	0	0	0	0
Highway Safety Improvement Program	5,174	1,194	6,368	6,368	0
Interstate Maintenance	8,808	1,552	10,360	10,360	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	16,640	4,160	20,800	20,800	0
STP Enhancement	5,200	1,300	6,500	6,500	0
STP Flexible	31,194	48,380	79,574	79,574	0
Transfer from FTA to FHWA	1,787	0	1,787	1,787	0
Local Only	0	20,853	20,853	20,853	0
<b>FHWA TOTAL</b>	<b>103,548</b>	<b>85,847</b>	<b>189,395</b>	<b>189,395</b>	<b>0</b>

**FHWA Financial Constraint – FY 2011**

<b>FY 2011</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
Bridge Off-System	720	180	900	900	0
Bridge On-System	34,274	8,571	42,845	42,845	0
CMAQ	980	0	980	980	0
Discretionary Funds	0	0	0	0	0
Earmark High Priority	0	0	0	0	0
Earmark Section 115	0	0	0	0	0
Highway Safety Improvement Program	270	30	300	300	0
Interstate Maintenance	6,512	1,628	8,140	8,140	0
Interstate Maintenance Discretionary	0	0	0	0	0
National Highway System	16,482	4,120	20,602	20,602	0
STP Enhancement	0	0	0	0	0
STP Flexible	19,102	50,023	69,125	69,125	0
Transfer from FTA to FHWA	1,920	0	1,920	1,920	0
Local Only	0	1,793	1,793	1,793	0
<b>FHWA TOTAL</b>	<b>80,260</b>	<b>66,345</b>	<b>146,605</b>	<b>146,605</b>	<b>0</b>

The State of Hawaii’s FTA program for Oahu is financially constrained, as demonstrated in the following tables.

**FTA Financial Constraint – FY 2008**

<b>FY 2008</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5316 JARC	60	15	75	75	0
§5317 New Freedom	51	14	65	65	0
<b>FTA TOTAL</b>	<b>111</b>	<b>29</b>	<b>140</b>	<b>140</b>	<b>0</b>

**FTA Financial Constraint – FY 2009**

<b>FY 2009</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5316 JARC	64	16	80	80	0
§5317 New Freedom	56	14	70	70	0
<b>FTA TOTAL</b>	<b>120</b>	<b>30</b>	<b>150</b>	<b>150</b>	<b>0</b>

**FTA Financial Constraint – FY 2010**

<b>FY 2010</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5316 JARC	68	17	85	85	0
§5317 New Freedom	60	15	75	75	0
<b>FTA TOTAL</b>	<b>128</b>	<b>32</b>	<b>160</b>	<b>160</b>	<b>0</b>

**FTA Financial Constraint – FY 2011**

<b>FY 2011</b>	<b>Federal Funds (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5316 JARC	72	18	90	90	0
§5317 New Freedom	64	16	80	80	0
<b>FTA TOTAL</b>	<b>136</b>	<b>34</b>	<b>170</b>	<b>170</b>	<b>0</b>

The City and County of Honolulu’s FTA program is also financially constrained, as demonstrated in the following tables.

**FTA Financial Constraint – FY 2008**

<b>FY 2008</b>	<b>Estimated Federal Funds Available for Oahu (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Federal Funds Prior Year's Carryover (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5307 Urbanized Area Formula	28,997	27,748	8,404	65,148	60,734	4,414
§5309 Bus Capital	1,496	12,349	5,437	19,282	19,086	196
§5309 Fixed Guideway Modernization	1,998	2,345	423	4,766	4,690	76
§5309 New Starts (Ferry allocation)	0	2,400	2,000	4,400	4,400	0
§5309 New Starts (pre-2005)	0	1,452	1,548	3,000	3,000	0
§5309 New Starts (post-2005)	14,000	71,000	0	85,000	85,000	0
<b>FTA TOTAL</b>	<b>46,491</b>	<b>117,294</b>	<b>17,812</b>	<b>181,596</b>	<b>176,910</b>	<b>4,686</b>

**FTA Financial Constraint – FY 2009**

<b>FY 2009</b>	<b>Estimated Federal Funds Available for Oahu (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Federal Funds Prior Year's Carryover (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5307 Urbanized Area Formula	30,846	23,384	4,414	58,644	57,094	1,550
§5309 Bus Capital	1,500	86	196	1,782	432	1,350
§5309 Fixed Guideway Modernization	1,998	448	76	2,521	2,240	281
§5309 New Starts (Ferry allocation)	2,800	1,700	0	4,500	4,500	0
§5309 New Starts (pre-2005)	0	0	0	0	0	0
§5309 New Starts (post-2005)	14,000	251,000	0	265,000	265,000	0
<b>FTA TOTAL</b>	<b>51,143</b>	<b>276,619</b>	<b>4,686</b>	<b>332,448</b>	<b>329,266</b>	<b>3,182</b>

**FTA Financial Constraint – FY 2010**

<b>FY 2010</b>	<b>Estimated Federal Funds Available for Oahu (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Federal Funds Prior Year's Carryover (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5307 Urbanized Area Formula	31,493	22,223	1,307	55,023	53,974	1,049
§5309 Bus Capital	1,500	0	1,350	2,850	0	2,850
§5309 Fixed Guideway Modernization	1,998	2,064	281	4,343	4,328	15
§5309 New Starts (Ferry allocation)	0	0	0	0	0	0
§5309 New Starts (pre-2005)	0	0	0	0	0	0
§5309 New Starts (post-2005)	4,000	251,000	0	255,000	255,000	0
<b>FTA TOTAL</b>	<b>38,991</b>	<b>275,286</b>	<b>2,938</b>	<b>317,216</b>	<b>313,302</b>	<b>3,914</b>

**FTA Financial Constraint – FY 2011**

<b>FY 2011</b>	<b>Estimated Federal Funds Available for Oahu (x\$1000)</b>	<b>Local Funds (x\$1000)</b>	<b>Federal Funds Prior Year's Carryover (x\$1000)</b>	<b>Total Sources (x\$1000)</b>	<b>Total Uses (x\$1000)</b>	<b>Federal Funds Balance (x\$1000)</b>
§5307 Urbanized Area Formula	32,155	24,288	780	57,223	56,183	1,041
§5309 Bus Capital	1,500	0	2,850	4,350	0	4,350
§5309 Fixed Guideway Modernization	1,998	475	15	2,488	2,376	112
§5309 New Starts (Ferry allocation)	0	0	0	0	0	0
§5309 New Starts (pre-2005)	0	0	0	0	0	0
§5309 New Starts (post-2005)	54,000	251,000	0	305,000	305,000	0
<b>FTA TOTAL</b>	<b>89,652</b>	<b>275,763</b>	<b>3,646</b>	<b>369,062</b>	<b>363,559</b>	<b>5,503</b>