

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

**REVISION #22  
PRE-APPROVED ADMINISTRATIVE MODIFICATION**

**July 2010**



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

# ABBREVIATIONS

## OVERALL ABBREVIATIONS

FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FFY	Federal Fiscal Year (October 1 <sup>st</sup> – September 30 <sup>th</sup> )
OahuMPO	Oahu Metropolitan Planning Organization
TIP	Transportation Improvement Program

## ABBREVIATIONS USED IN PROJECT LISTING

### *FHWA Funding Categories*

ARRA-09	2009 American Recovery & Reinvestment Act
Bridge On	Bridge On-System
STP Flex	Surface Transportation Program Flexible

### *FTA Funding Categories*

§5307	Urbanized Area Formula Program
§5309	Bus and Bus-Related Facilities
§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
------------	---------------------------------

### *Project Phases*

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

**REVISION #22**  
**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**

S04	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. ROW acquisition is not ready to obligate.
S49	Kalaniana'ole Highway (Route 72), Inoaole Stream Bridge Replacement	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Archeological study needed for proposed detour road. Cannot complete the Environmental Assessment and Finding of No Significant Impact (EA-FONSI). Cannot acquire ROW without the EA-FONSI.
S50	Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge	Deferred and inflated ROW and CON (by 4% per year) from FFY 2010 to FFY 2011. ROW maps are not ready yet. At this point, there is not enough time to determine ROW needs for a FFY 2010 obligation without the ROW maps.
S52	Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Environmental Assessment and Finding of No Significant Impact (EA-FONSI) are not complete. Cannot acquire ROW without the EA-FONSI. Divided the ROW phase into PREROW and ROW phases.
S55	Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. ROW acquisition is not ready to obligate.
S61	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. ROW acquisition is not ready to obligate.
S63	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Environmental Assessment and Finding of No Significant Impact (EA-FONSI) is not complete. Cannot acquire ROW without the EA-FONSI.

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

C01	Alapai Transportation Management Center	Increased DES for Phase 1A (Center) by \$4.326 million in FFY 2010 to reflect actual design cost estimates.
C03	Computerized Traffic Control System	Deleted \$3.18 million in FFY 2010 for Phase 10 (Kailua), because the phase is not ready-to-go.
C04	Kapiolani Boulevard (Route 7503) Reconstruction, Phases 1 and 2	Removed \$2.809 million in federal funding for Phase 1 CON in FFY 2010, because of anticipated overall cost savings.

**FHWA - Funded Projects**

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

C39 Upgrade Pedestrian Signals at Various Locations Removed \$652,000 in federal funds for CON in FFY 2010 to reflect actual construction costs.

**FTA - Funded Projects**

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

C35 Agency-Provided Trips Decreased OPR by \$179,000 in FFY 2010 to reflect actual operational cost estimates.

C16 Bus and Handi-Van Acquisition Program Deferred \$18.7 million in EQP from FFY 2009 to FFY 2010. Increased EQP by about \$11.6 million in FFY 2010 to reflect actual equipment cost estimates. Revised the number of bus purchases in FFY 2009 and FFY 2010 accordingly.

C31 Bus Stop Pad Improvements Increased CON by \$1.4 million in FFY 2010 to reflect actual cost estimates.

C36 Local Shuttle Service Increased OPR by \$288,000 in FFY 2010 to reflect actual operational cost estimates. Increased OPR by \$209,000 in FFY 2011, \$216,000 in FFY 2012, and \$221,000 in FFY 2013 and decreased EQP by the same amounts to correct an earlier programming error.

C37 Mobility Management Center Decreased OPR by \$22,000 in FFY 2010 to reflect actual operational cost estimates.

C32 Pearl City Bus Facility - Bus Parking Expansion Decreased CON by \$4.246 million in FFY 2009 to reflect actual construction cost estimates.

C20 Preventive Maintenance Revised the federal funding categories in FFY 2010. About \$7.146 million of OPR will be funded with ARRA-09 funds.

C33 Wahiawa Transit Center Reprogrammed \$4.3 million in ARRA-09 CON funds in FFY 2009 to S20 Preventive Maintenance.



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



**TIP Revision #22 Details:**

Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Archeological study needed for proposed detour road. Cannot complete the Environmental Assessment and Finding of No Significant Impact (EA-FONSI). Cannot acquire ROW without the EA-FONSI.

**Project Description:**

Replace the existing bridge.

**Neighborhood(s):** Waimanalo

**Estimated Total Project Cost:** \$8,320,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	520	416	104	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	STP Flex

**S50 Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge**



**TIP Revision #22 Details:**

Deferred and inflated ROW and CON (by 4% per year) from FFY 2010 to FFY 2011. ROW maps are not ready yet. At this point, there is not enough time to determine ROW needs for a FFY 2010 obligation without the ROW maps.

**Project Description:**

Rehabilitate Kaipapau Stream Bridge on Kamehameha Highway (Route 83).

**Neighborhood(s):** Koolauloa

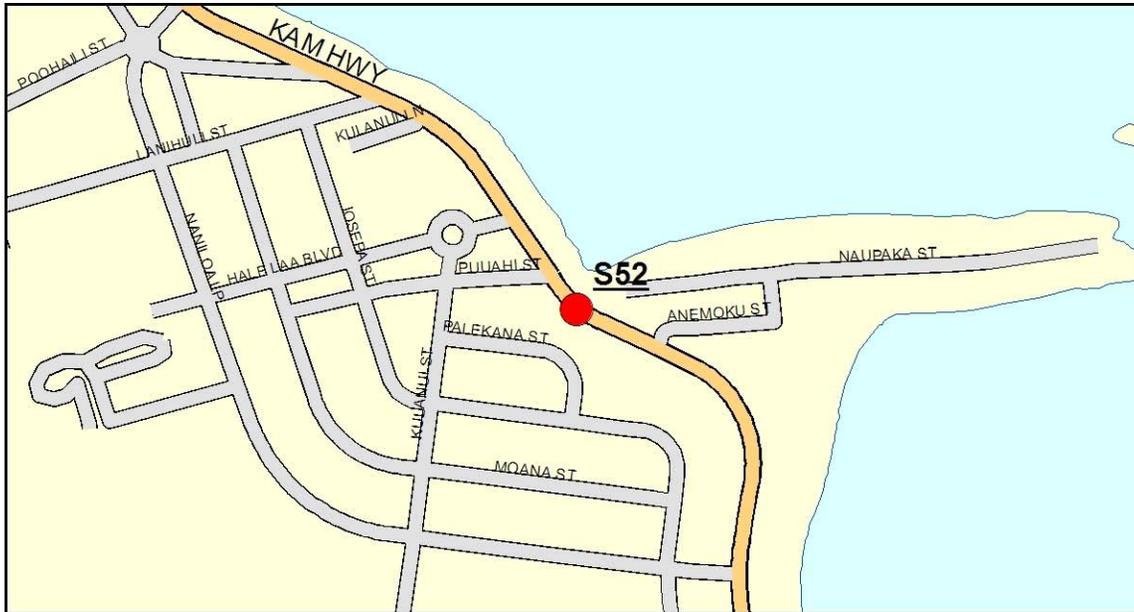
**Estimated Total Project Cost:** \$15,570,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	565	452	113	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	14,350	11,480	2,870	0	0	0	0	0	0	Bridge On

**S52 Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge**



**TIP Revision #22 Details:**

Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Environmental Assessment and Finding of No Significant Impact (EA-FONSI) are not complete. Cannot acquire ROW without the EA-FONSI. Divided the ROW phase into PREROW and ROW phases.

**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:** \$3,592,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category					
	Total	Federal	Local	FFY 2012			FFY 2013																	
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																		
PREROW	0	0	0	85	62	23	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	182	145	37	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	2,600	2,080	520	0	0	0	0	0	0	0	0	Bridge On

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



**TIP Revision #22 Details:**

Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. ROW acquisition is not ready to obligate.

**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:** \$4,015,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	395	316	79	0	0	0	0	0	0	Bridge On
CON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,120	2,496	624	Bridge On

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



**TIP Revision #22 Details:**

Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. ROW acquisition is not ready to obligate.

**Project Description:**

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

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$10,016,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2012			FFY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
ROW	0	0	0	0	0	0	0	0	0	216	173	43	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	0	Bridge On

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



**TIP Revision #22 Details:**

Deferred and inflated ROW (by 4% per year) from FFY 2010 to FFY 2011. Environmental Assessment and Finding of No Significant Impact (EA-FONSI) is not complete. Cannot acquire ROW without the EA-FONSI.

**Project Description:**

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

**Neighborhood(s):** Koolauloa

**Estimated Total Project Cost:** \$12,035,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
ROW	0	0	0	0	0	0	0	0	0	1,010	808	202	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	Bridge On

## C01 Alapai Transportation Management Center



### TIP Revision #22 Details:

Increased DES for Phase 1A (Center) by \$4.326 million in FFY 2010 to reflect actual design cost estimates.

### 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. FFY 2008: planning development. FFY 2009: design/build contract of parking lot. FFY 2010: design contract of building.

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:** \$117,967,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2012			FFY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
PLN/DES-1	13,540	6,896	6,644	0	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	0	STP Flex
<b>Center - Phase 1A</b>																				
DES	0	0	0	0	0	0	7,326	5,861	1,465	0	0	0	0	0	0	4,000	0	4,000	0	STP Flex
<b>Center - Phase 1B</b>																				
DES	0	0	0	0	0	0	0	0	0	3,338	2,670	668	0	0	0	0	0	0	0	STP Flex

**C01 Alapai Transportation Management Center**

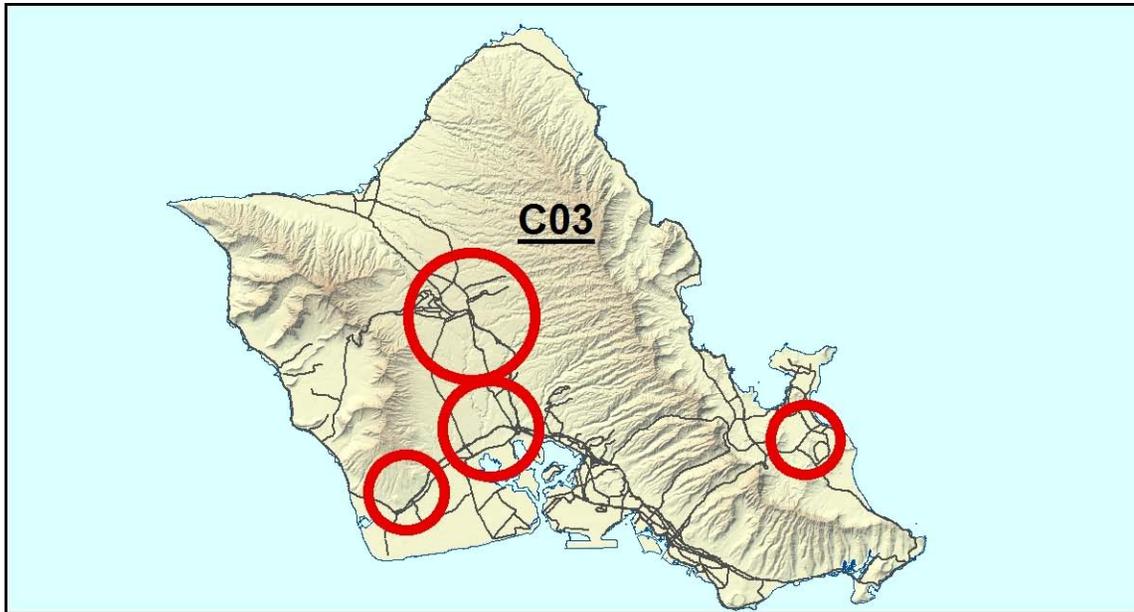
*Center - Phase 2*

DES	0	0	0	0	0	0	0	0	0	0	0	0	3,600	2,880	720	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	0	0	0	29,050	5,223	23,827	29,350	0	29,350	STP Flex

*Parking Structure*

PLN	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	Local Only
DES	0	0	0	0	0	0	0	0	0	362	0	362	9,500	0	9,500	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	8,375	0	8,375	2,825	0	2,825	0	0	0	0	0	STP Flex

## C03 Computerized Traffic Control System



### TIP Revision #22 Details:

Deleted \$3.18 million in FFY 2010 for Phase 10 (Kailua), because the phase is not ready-to-go.

### 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 FFYs 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	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2012			FFY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
PLN	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
EQP	1	0	1	6	0	6	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	3,170	2,400	770	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
<i>Phase 12: Waipahu, Waikele, Waipio</i>																				
DES	340	240	100	0	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	0	STP Flex
<i>Phase 13: Mililani Mauka Subdivision</i>																				
DES	0	0	0	300	240	60	0	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex
CON	0	0	0	0	0	0	0	0	0	3,180	2,400	780	0	0	0	0	0	0	0	STP Flex

## C03 Computerized Traffic Control System

### Phase 14: Mililani Town

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	3,180	2,400	780	0	0	0	STP Flex

### Phase 15: Wahiawa

DES	0	0	0	0	0	0	0	0	0	300	240	60	0	0	0	0	0	0	STP Flex
CON	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	STP Flex
-----	---	---	---	---	---	---	---	---	---	---	---	---	-----	-----	----	---	---	---	----------

### Phase 17

DES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	375	300	75	STP Flex
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----	-----	----	----------

## C04 Kapiolani Boulevard (Route 7503) Reconstruction, Phases 1 and 2



### TIP Revision #22 Details:

Removed \$2.809 million in federal funding for Phase 1 CON in FFY 2010, because of anticipated overall cost savings.

### 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

**Estimated Total Project Cost:** \$57,471,000

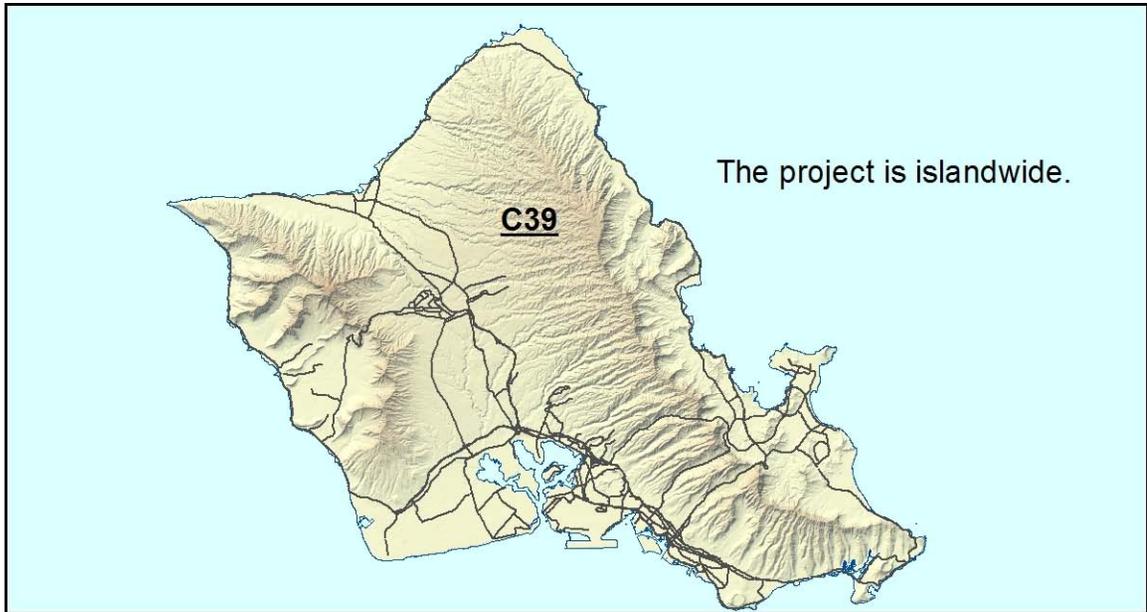
**Project Sponsor:** City and County of Honolulu (FHWA Funded)

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

City Department of Design and Construction

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)													
<i>Phase 1: South Street to Ward Avenue</i>																			
CON	0	0	0	0	0	0	1,545	0	1,545	6,038	4,830	1,208	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	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

**C39 Upgrade Pedestrian Signals at Various Locations**



**TIP Revision #22 Details:**

Removed \$652,000 in federal funds for CON in FFY 2010 to reflect actual construction costs.

**Project Description:**

To expedite the City's 5-year plan to retrofit and upgrade the City's pedestrian signals with new light-emitting diode (LED) countdown signals and associated hardware. Locations include areas such as East Honolulu, Pearl City, Ewa, and Windward Oahu.

**Neighborhood(s):** Various Locations

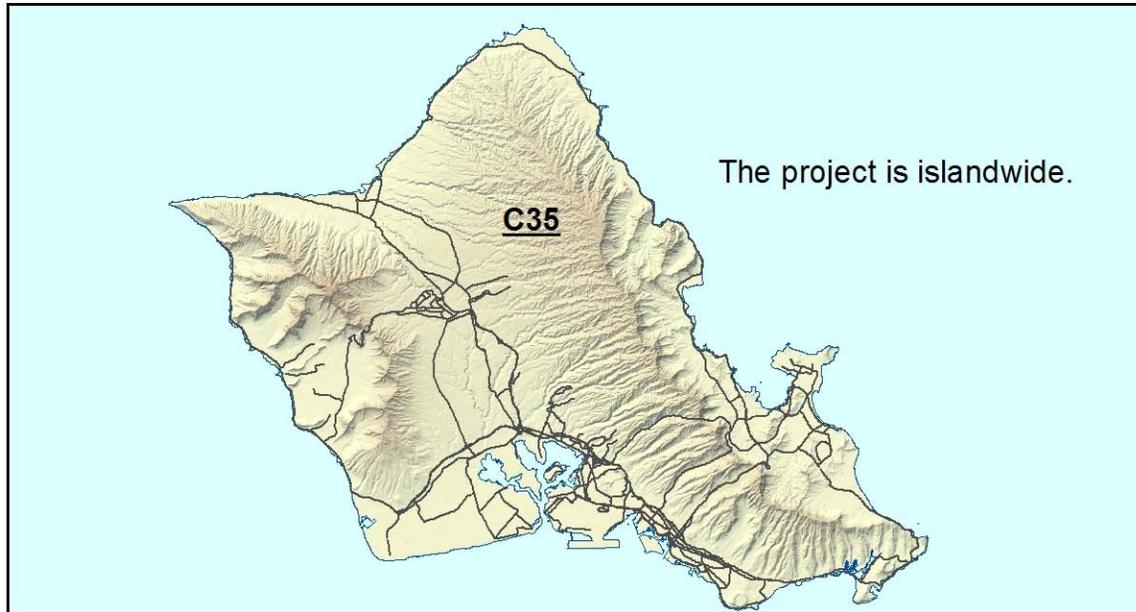
**Estimated Total Project Cost:** \$2,632,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
DES	0	0	0	0	0	0	30	0	30	30	0	30	30	0	30	10	0	10	STP Flex
CON	0	0	0	420	0	420	400	0	400	1,212	962	250	400	0	400	100	0	100	STP Flex

**C35 Agency-Provided Trips**



**TIP Revision #22 Details:**

Decreased OPR by \$179,000 in FFY 2010 to reflect actual operational cost estimates.

**Project Description:**

To provide operating funds to selected human service agencies to operate transportation services. This project would help reduce the number of trips on TheHandi-Van. The result of this service by agencies, funded through a combination of New Freedom and City and County of Honolulu transportation funds, would reduce overall operating costs while improving service quality for riders of both the agency services and those still riding TheHandi-Van.

**Neighborhood(s):** Islandwide

**Estimated Total Project Cost:** \$1,975,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
OPR	0	0	0	0	0	0	0	0	0	89	44	45	93	46	47	97	48	49	\$5316 JARC-Urban
OPR	0	0	0	249	149	100	300	150	150	360	171	189	351	152	199	436	227	209	\$5317 NF-Urban

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



**TIP Revision #22 Details:**

Deferred \$18.7 million in EQP from FFY 2009 to FFY 2010. Increased EQP by about \$11.6 million in FFY 2010 to reflect actual equipment cost estimates. Revised the number of bus purchases in FFY 2009 and FFY 2010 accordingly.

**Project Description:**

This is an ARRA-09 funded project. Purchase replacement transit buses and Handi-Van vehicles.

FFY 2008: 10-60' buses + 10-35' buses.

FFY 2009: 20-60' hybrid articulated buses.

FFY 2010: 73-40' buses + 80<30' buses + 15-35' buses.

FFY 2011: 10 >40' buses + 18-40' buses + 35 <30' buses.

FFY 2012: 14-60' buses + 30-40' buses + 30 <30' buses.

FFY 2013: 20 >40' buses + 20-40' buses + 30 <30' buses.

**Neighborhood(s):** Islandwide

**Estimated Total Project Cost:** \$159,960,000

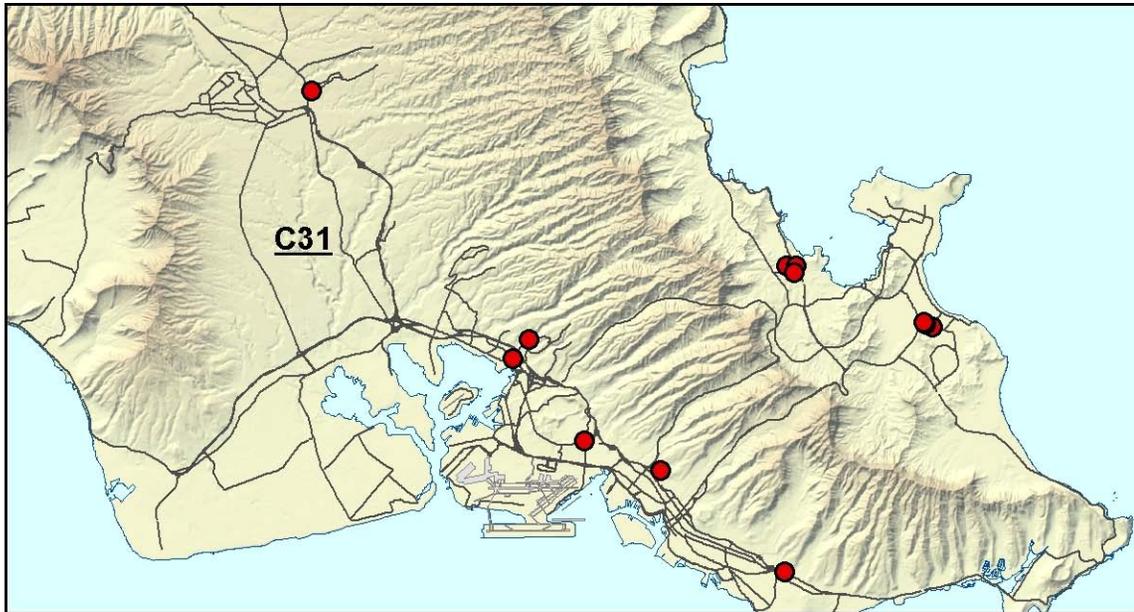
**Project Sponsor:** City and County of Honolulu (FTA Funded)

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

City Department of Transportation Services

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
EQP	13,010	5,815	7,195	0	0	0	33,577	23,284	10,293	13,294	7,811	5,483	25,613	7,865	17,748	27,603	7,920	19,683	\$5307/\$5340
EQP	0	0	0	0	0	0	1,861	1,496	365	1,648	1,318	330	1,659	1,327	332	1,670	1,336	334	\$5309
EQP	0	0	0	0	0	0	7,439	6,482	957	2,691	2,153	538	2,709	2,167	542	2,728	2,182	546	\$5309 FGM
EQP	0	0	0	0	0	0	3,000	1,500	1,500	0	0	0	0	0	0	0	0	0	\$5309 NS
EQP	0	0	0	0	0	0	1,858	1,548	310	0	0	0	0	0	0	0	0	0	\$5309 NS Pre-2005
EQP	0	0	0	255	255	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5337FGM ARRA-09
EQP	0	0	0	19,345	19,345	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5340 ARRA-09

**C31 Bus Stop Pad Improvements**



**TIP Revision #22 Details:**

Increased CON by \$1.4 million in FFY 2010 to reflect actual cost estimates.

**Project Description:**

This is an ARRA-09 funded project. To construct concrete bus pads at various bus stops to enhance delivery of public transit services and improve roadway conditions. Planned locations are as follows:

1. Moanalua Street – westbound near Kaamilo Street
2. School Street – westbound near Houghtailing Street
3. Kailua Road – makai side near Hahani Street
4. Kailua Road – mauka side near Hahani Street
5. Alaloa Street – northbound near Haiku Road
6. Kaamilo Street – makai-bound near Neki Street
7. Waialae Avenue – eastbound near 3rd Avenue
8. Kailua Road – makai-bound near Kuulei Road
9. Ala Ilima Street – westbound near Ala Napunani
10. Ala Ilima Street – eastbound near Ala Napunani
11. Kamehameha Highway – Kahuku-bound near Mehana Street
12. Kamehameha Highway – Kailua-bound near Mehana Street
13. Oneawa Street – northbound near Uluniu St. and Kuulei Rd.
14. Kahuhipa Street – makai-bound near Malina Place
15. California Avenue – mauka-bound near Muliwai Avenue
16. California Avenue – makai-bound near Muliwai Avenue

**Neighborhood(s):** Various Locations

**Estimated Total Project Cost:** \$5,996,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						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)		

## C31 Bus Stop Pad Improvements

PLN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
DES	0	0	0	82	0	82	70	0	70	82	0	82	82	0	82	82	0	82	Local Only
ROW	0	0	0	10	0	10	10	0	10	10	0	10	10	0	10	10	0	10	Local Only
CON	0	0	0	2,432	2,000	432	1,820	1,400	420	432	0	432	432	0	432	432	0	432	\$5340 ARRA-09

**C36 Local Shuttle Service**



**TIP Revision #22 Details:**

Increased OPR by \$288,000 in FFY 2010 to reflect actual operational cost estimates. Increased OPR by \$209,000 in FFY 2011, \$216,000 in FFY 2012, and \$221,000 in FFY 2013 and decreased EQP by the same amounts to correct an earlier programming error.

**Project Description:**

To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low-income persons working in the Kapolei and Makakilo areas. The current route between the Kalaeloa shelter sites and the Kapolei Transit Center would be maintained, and an additional nighttime route would be established between the Kapolei Transit Center and the Campbell Industrial Park to connect workers with low incomes with swing and graveyard shifts at Campbell job sites. The project would be ongoing after a successful evaluation of the first year of operation.

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

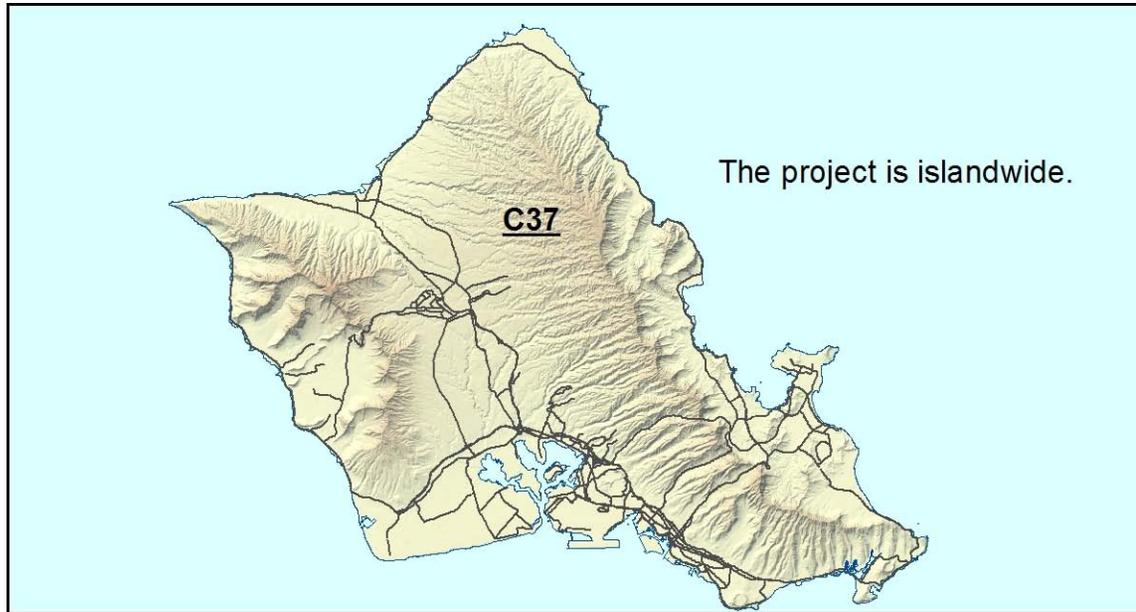
**Estimated Total Project Cost:** \$1,182,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2012			FFY 2013													
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
EQP	0	0	0	35	28	7	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5316 JARC-Urban
OPR	0	0	0	96	48	48	172	86	86	209	104	105	216	105	111	221	105	116		\$5316 JARC-Urban
OPR	0	0	0	0	0	0	116	58	58	0	0	0	0	0	0	0	0	0	0	\$5317 NF-Urban

**C37 Mobility Management Center**



**TIP Revision #22 Details:**

Decreased OPR by \$22,000 in FFY 2010 to reflect actual operational cost estimates.

**Project Description:**

To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.

**Neighborhood(s):** Islandwide

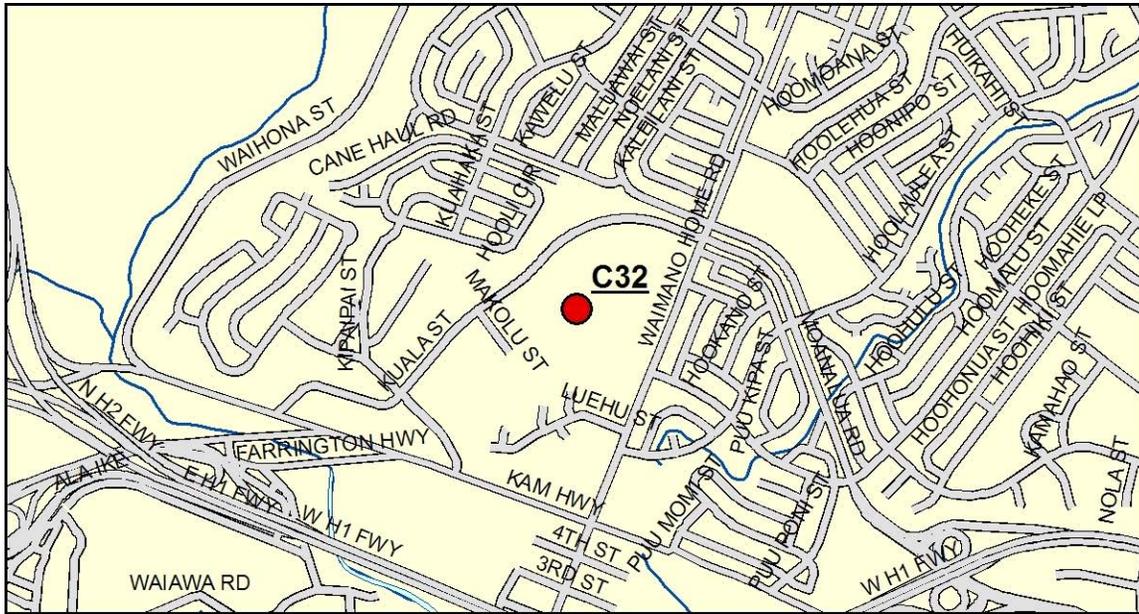
**Estimated Total Project Cost:** \$3,327,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
													FFY 2012			FFY 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)	
OPR	0	0	0	68	54	14	74	59	15	138	110	28	144	115	29	152	122	30	\$5307 JARC-SmUrb
OPR	0	0	0	59	47	12	63	50	13	116	93	23	122	98	24	128	64	64	\$5307 NF-SmUrb
OPR	0	0	0	0	0	0	0	0	0	65	50	15	70	50	20	8	6	2	\$5316 JARC-Urb
OPR	0	0	0	380	321	59	314	253	61	278	204	74	282	204	78	330	248	82	\$5316 JARC-Urb
OPR	0	0	0	0	0	0	0	0	0	75	60	15	100	80	20	7	6	1	\$5317 NF-Urb
OPR	0	0	0	124	99	25	10	7	3	25	20	5	26	21	5	27	22	5	\$5317 NF-Urb

**C32 Pearl City Bus Facility - Bus Parking Expansion**



**TIP Revision #22 Details:**

Decreased CON by \$4.246 million in FFY 2009 to reflect actual construction cost estimates.

**Project Description:**

This is an ARRA-09 funded project. To construct an expansion of the Pearl City Bus Facility bus parking lot, including the relocation of a soundproof barrier fencing.

**Neighborhood(s):** Pearl City

**Estimated Total Project Cost:** \$4,217,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category	
	Total	Federal	Local	FFY 2012		FFY 2013														
	(x\$1000)	Total	Federal	Local	Total	Federal	Local													
DES	0	0	0	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only
CON	0	0	0	3,653	3,653	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5340 ARRA-09
CON	0	0	0	473	0	473	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

**C20 Preventive Maintenance**



**TIP Revision #22 Details:**

Revised the federal funding categories in FFY 2010. About \$7.146 million of OPR will be funded with ARRA-09 funds.

**Project Description:**

This is an ARRA-09 funded project. All activities, supplies, material, labor, services, and associated costs required to preserve or extend the functionality and serviceability of transit-related assets (e.g., buses, handi-vans, and bus-related facilities).

**Neighborhood(s):** Islandwide

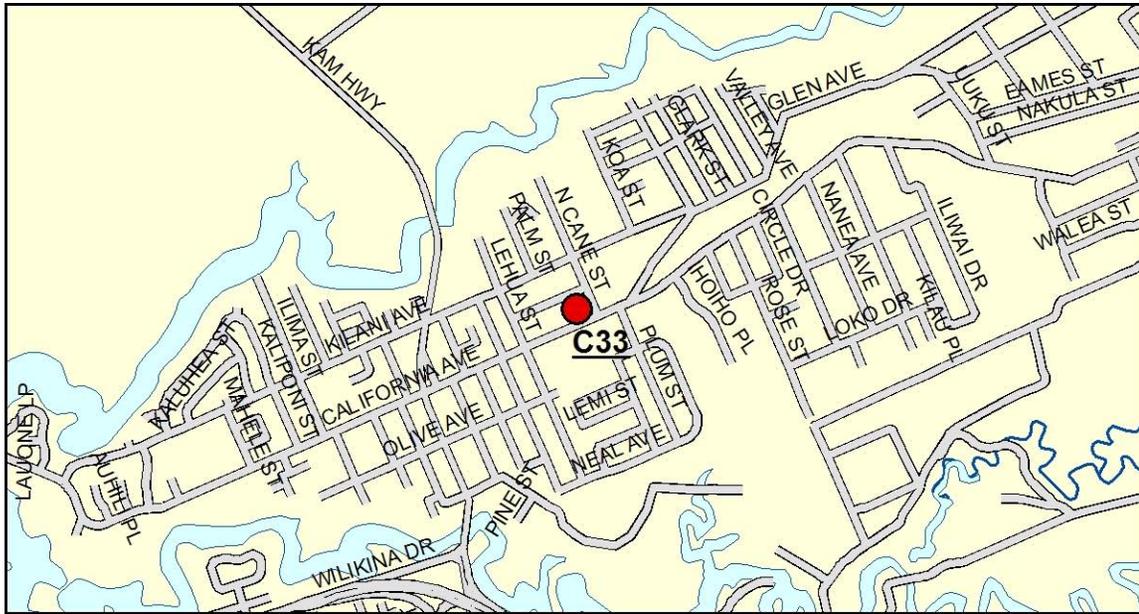
**Estimated Total Project Cost:** \$225,708,000  
(for FFYs 2008-2013 only)

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
	Total	Federal	Local	FFY 2012			FFY 2013												
	(x\$1000)	Total	Federal	Local	Total	Federal	Local												
OPR	37,092	21,000	16,092	37,204	21,000	16,204	30,316	14,000	16,316	37,721	21,292	16,429	37,983	21,440	16,543	38,246	21,588	16,658	\$5307/\$5340
OPR	0	0	0	0	0	0	7,146	7,146	0	0	0	0	0	0	0	0	0	0	\$5340 ARRA-09

**C33 Wahiawa Transit Center**



**TIP Revision #22 Details:**

Reprogrammed \$4.3 million in ARRA-09 CON funds in FFY 2009 to S20 Preventive Maintenance.

**Project Description:**

To construct a transit center in Wahiawa to accommodate express, trunk, and circulator bus services. Transit Enhancement funds will be used for this project.

**Neighborhood(s):** Wahiawa

**Estimated Total Project Cost:** \$8,201,000

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

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

Phase	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FOR INFORMATION ONLY						Funding Category
													FFY 2012			FFY 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)	
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	0	1	150	0	150	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	Local Only
CON	0	0	0	0	0	0	2,699	0	2,699	2	0	2	0	0	0	0	0	0	Local Only
REL	0	0	0	0	0	0	100	0	100	1	0	1	0	0	0	0	0	0	Local Only

### FFYs 2008-2011 TIP REVISION #22 FUNDING SUMMARY

													FOR INFORMATION ONLY					
	FFY 2008			FFY 2009			FFY 2010			FFY 2011			FFY 2012			FFY 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)									
<b>FHWA-FUNDED PROJECTS</b>																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #21	47,691	38,977	8,714	170,787	146,910	23,877	95,353	50,326	45,027	139,018	48,120	90,898	175,043	175,766	(723)	141,548	164,907	(23,359)
Revision #22 Changes	0	0	0	0	0	0	16,933	13,547	3,386	(17,603)	(14,082)	(3,521)	0	0	0	0	0	0
Total as of Revision #22	47,691	38,977	8,714	170,787	146,910	23,877	78,420	36,779	41,641	156,621	62,202	94,419	175,043	175,766	(723)	141,548	164,907	(23,359)
<u>C&amp;C of Honolulu - Sponsored Projects</u>																		
As of Revision #21	18,043	9,516	8,527	29,845	19,504	10,341	51,441	34,327	17,114	32,163	22,331	9,832	68,539	24,663	43,876	108,439	51,291	57,148
Revision #22 Changes	0	0	0	0	0	0	2,315	2,400	(85)	0	0	0	0	0	0	0	0	0
Total as of Revision #22	18,043	9,516	8,527	29,845	19,504	10,341	49,126	31,927	17,199	32,163	22,331	9,832	68,539	24,663	43,876	108,439	51,291	57,148
<b>TOTAL FHWA</b>	<b>65,734</b>	<b>48,493</b>	<b>17,241</b>	<b>200,632</b>	<b>166,414</b>	<b>34,218</b>	<b>127,546</b>	<b>68,706</b>	<b>58,840</b>	<b>188,784</b>	<b>84,533</b>	<b>104,251</b>	<b>243,582</b>	<b>200,429</b>	<b>43,153</b>	<b>249,987</b>	<b>216,198</b>	<b>33,789</b>
<b>FTA-FUNDED PROJECTS</b>																		
<u>State of Hawaii - Sponsored Projects</u>																		
As of Revision #21	0	0	0	0	0	0	0	0	0	163	126	37	172	133	39	179	139	40
Revision #22 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #22	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 #21	163,065	39,073	123,992	116,488	80,231	36,257	1,321,814	70,479	1,251,335	2,060,394	235,777	1,824,617	669,715	238,384	431,331	594,760	238,154	356,606
Revision #22 Changes	0	0	0	27,253	20,953	6,300	(31,734)	(24,571)	(7,163)	0	0	0	0	0	0	0	0	0
Total as of Revision #22	163,065	39,073	123,992	89,235	59,278	29,957	1,353,548	95,050	1,258,498	2,060,394	235,777	1,824,617	669,715	238,384	431,331	594,760	238,154	356,606
<b>TOTAL FTA</b>	<b>163,065</b>	<b>39,073</b>	<b>123,992</b>	<b>89,235</b>	<b>59,278</b>	<b>29,957</b>	<b>1,353,548</b>	<b>95,050</b>	<b>1,258,498</b>	<b>2,060,557</b>	<b>235,903</b>	<b>1,824,654</b>	<b>669,887</b>	<b>238,517</b>	<b>431,370</b>	<b>594,939</b>	<b>238,293</b>	<b>356,646</b>

## FHWA REGULAR FORMULA FUNDS PROGRAMMED

FOR INFORMATION ONLY

	FFY 2008 (x\$1000)	FFY 2009 (x\$1000)	FFY 2010 (x\$1000)	FFY 2011 (x\$1000)	FFY 2012 (x\$1000)	FFY 2013 (x\$1000)
<b>FHWA-FUNDED PROJECTS</b>						
<b><u>State of Hawaii-Sponsored Projects</u></b>						
ARRA-09	0	26,860	0	0	0	0
Bridge On-System	3,359	36,862	18,954	14,036	33,776	40,618
CMAQ	6,053	5,921	1,113	980	838	685
Earmark High Priority	0	0	200	1,606	0	0
Earmark Section 115	0	0	4,000	0	0	0
H-3 Discretionary	0	0	1,620	0	0	0
Highway Safety Improvement Program	196	1,865	562	4,640	1,080	866
Interstate Maintenance	3,302	16,007	3,048	3,320	50,974	32,326
Interstate Maintenance Discretionary	0	0	900	0	0	0
National Highway System	24,903	50,406	2,532	31,956	78,571	85,223
STP Flexible	0	7,788	0	416	6,302	0
Transfer from FHWA to FTA	1,164	1,201	1,548	1,920	2,062	2,215
Transportation Enhancement	0	0	2,302	3,328	2,163	2,974
<b>State of Hawaii - FHWA Total</b>	<b>38,977</b>	<b>146,910</b>	<b>36,779</b>	<b>62,202</b>	<b>175,766</b>	<b>164,907</b>
<b><u>City and County of Honolulu-Sponsored Projects</u></b>						
ARRA-09	0	7,164	12,036	0	0	0
Bridge Off-System	560	640	640	720	1,200	800
STP Flexible	8,956	11,700	18,878	21,611	23,463	50,491
Transportation Enhancement	0	0	373	0	0	0
<b>City and County of Honolulu - FHWA Total</b>	<b>9,516</b>	<b>19,504</b>	<b>31,927</b>	<b>22,331</b>	<b>24,663</b>	<b>51,291</b>
<b>FHWA TOTAL</b>	<b>48,493</b>	<b>166,414</b>	<b>68,706</b>	<b>84,533</b>	<b>200,429</b>	<b>216,198</b>
<b>Less Discretionary Funds, etc.</b>	0	0	(6,720)	(1,606)	0	0
<b>Less ARRA-09 Funds</b>	0	(34,024)	(12,036)	0	0	0
<b>Less FTA Transfer Funds</b>	(1,164)	(1,201)	(1,548)	(1,920)	(2,062)	(2,215)
<b>FHWA REGULAR FORMULA FUNDS TOTAL</b>	<b>47,329</b>	<b>131,189</b>	<b>48,402</b>	<b>81,007</b>	<b>198,367</b>	<b>213,983</b>



This report was funded in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation. The views and opinions of the agency expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.