

FYs 2008 - 2011 TRANSPORTATION IMPROVEMENT PROGRAM

REVISION #10 (AMENDMENT)

**Approved by the OahuMPO Policy Committee
February 19, 2009**



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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
Econ Stim	Economic Stimulus
Enhance	STP Enhancement
FHWA X-fer	Transfer from FTA to FHWA
HSIP	Highway Safety Improvement Program
IM	Interstate Maintenance
NHS	National Highway System
Pub Lands	Public Lands Discretionary
Section 115	Earmark Section 115
STP Flex	STP Flexible

FTA Funding Categories

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

Locally Funded Categories

Local Only	Locally Funded
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Project Phases

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

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

**REVISION #10
Amendment**

This revision is an amendment. Amendments 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.

The purpose of this revision is to program projects using economic stimulus funds.

PROJECT

NUMBER PROJECT NAME (Sorted by Project Name) REVISION DETAILS

FHWA - Funded Projects

State of Hawaii - Sponsored Projects

S107	Interstate Route H-1, Dowel Retrofit, Kaimuki and Palailai Areas	Added new project.
S108	Interstate Route H-1, Installation of Access Controls, Vicinity of Palailai Interchange to Vicinity of H-1/H-2 Interchange	Added new project.
S109	Interstate Route H-1, Rehabilitation, Eastbound, Waiiau Interchange to Kaimakani Bridge	Added new project.
S64	Kamehameha Highway (Route 83), Bridge Replacement, South Punaluu Stream Bridge	Changed funding category from Bridge On-System funds to Economic Stimulus funds, and changed funding to 100% federal funds.

City and County of Honolulu - Sponsored Projects

C03	Computerized Traffic Control System	Added Phase 10 CON funds to FY 2009.
C34	Kalaeloa Boulevard (Route 95), Widening and Reconstruction, Phase 1, Oahu Railway and Land Company (O.R. & L.) Right-of-Way to Lauwilili Street	Added new project.
C27	Kamokila Boulevard Extension	Added new project.
C28	Rehabilitation of Streets	Added new project.
C10	Traffic Improvements at Various Locations	Reprogrammed and inflated CON for the Harding Avenue location in FY 2009. It was originally programmed in FY 2008.
C29	Traffic Management Center Auxiliary Power Facility	Added new project.
C30	Traffic Safety Improvements at Various Locations	Added new project.
C13	Traffic Signals at Various Locations	Reprogrammed and inflated Phase 10 CON funds to FY 2009. It was originally programmed in FY 2008.

FTA - Funded Projects

City and County of Honolulu - Sponsored Projects

C16	Bus and Handi-Van Acquisition Program	Added \$19,600,000 in EQP funds in FY 2009 for the purchase of twenty 60' hybrid articulated buses. Used economic stimulus funds in Section 5307.
C31	Bus Stop Pad Improvements	Added new project. Used economic stimulus funds in Section 5307.
C19	Middle Street Intermodal Center	Added \$11,000,000 in CON funds to FY 2009 to construct a covered platform, transit center, street intersection and signalization improvements, environmental capping, and 30% design of the parking garage and the Handi-Van maintenance and administration building. Used economic stimulus funds in Section 5307.
C32	Pearl City Bus Facility - Bus Parking Expansion	Added new project. Used economic stimulus funds in Section 5307.
C33	Wahiawa Transit Center	Added new project. Used economic stimulus funds in Section 5307.

S64 Kamehameha Highway (Route 83), Bridge Replacement, South Punaluu Stream Bridge



TIP Revision #10 Details:

Changed funding category from Bridge On-System funds to Economic Stimulus funds, and changed funding to 100% federal funds.

Project Description:

Replace the existing bridge.

Neighborhood(s): Koolauloa

Total Estimated Project Cost: \$17,500,000

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	17,000	17,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

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



TIP Revision #10 Details:

Added new project.

Project Description:

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

Total Estimated 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	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

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



TIP Revision #10 Details:

Added new project.

Project Description:

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

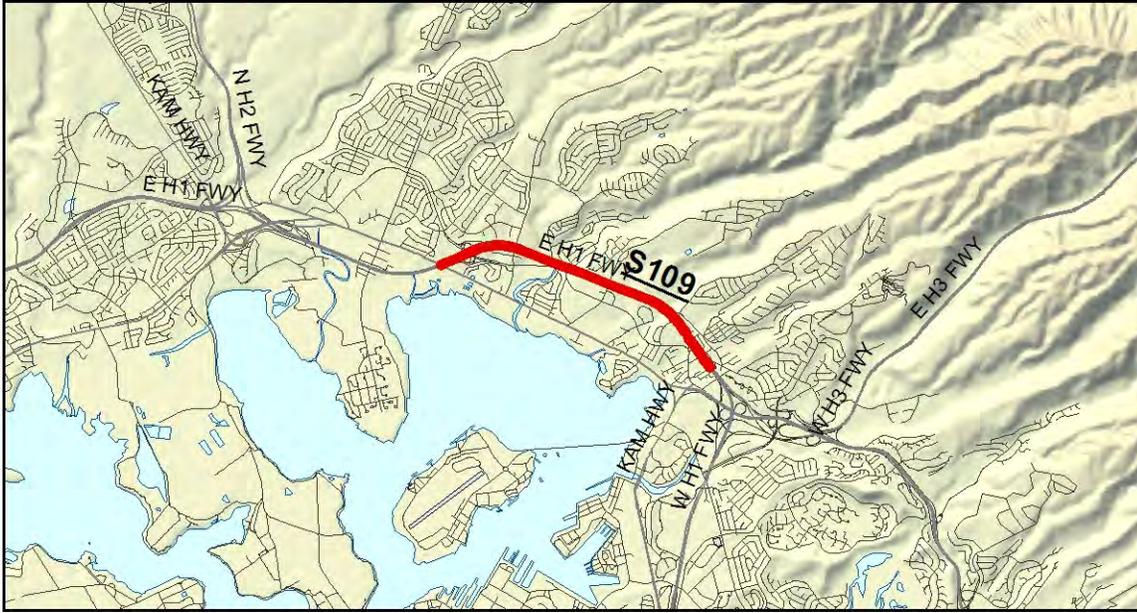
Total Estimated Project Cost: \$2,500,000

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	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

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



TIP Revision #10 Details:

Added new project.

Project Description:

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

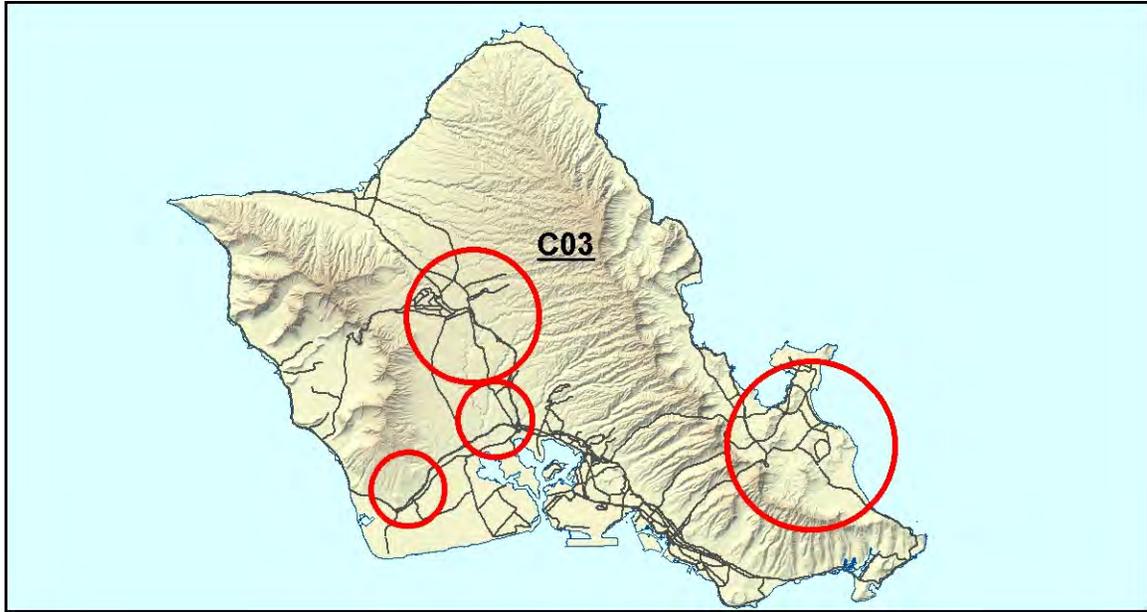
Total Estimated Project Cost: \$65,000,000

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	55,000	0	55,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only

C03 Computerized Traffic Control System



TIP Revision #10 Details:

Added Phase 10 CON funds to FY 2009.

Project Description:

Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connectivity to the Traffic Control Center. Project locations include:

1. Kailua
2. Kapolei and Makakilo
3. Waipahu, Waikele, and Waipio
4. Mililani and Wahiawa

Neighborhood(s): Various Locations

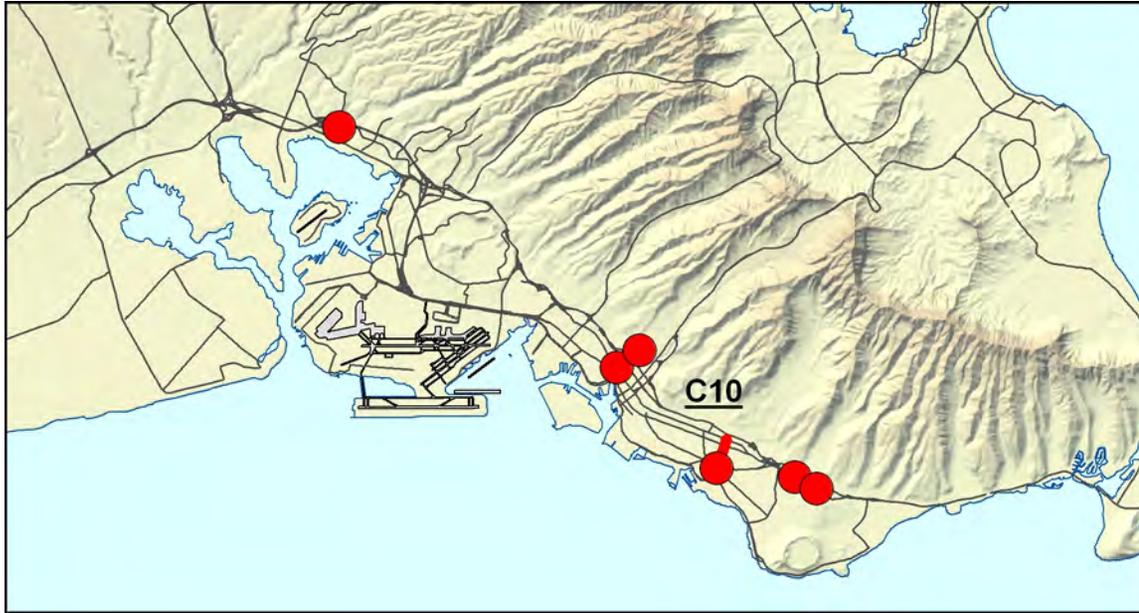
Total Estimated Project Cost: \$21,024,000
(for FYs 2008-2013 only)

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	Total	Federal	Local													
	(x\$1000)	(x\$1000)	(x\$1000)																
EQP	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	Local Only
INSP	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	Local Only
<i>Phase 10: Kailua</i>																			
CON	0	0	0	2,400	2,400	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim
<i>Phase 11: Kapolei, Makakilo</i>																			
CON	3,100	2,400	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	STP Flex
CON	0	0	0	3,150	2,400	750	0	0	0	0	0	0	0	0	0	0	0	0	STP Flex

C10 Traffic Improvements at Various Locations



TIP Revision #10 Details:

Reprogrammed and inflated CON for the Harding Avenue location in FY 2009. It was originally programmed in FY 2008.

Project Description:

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

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

Neighborhood(s): Various Locations

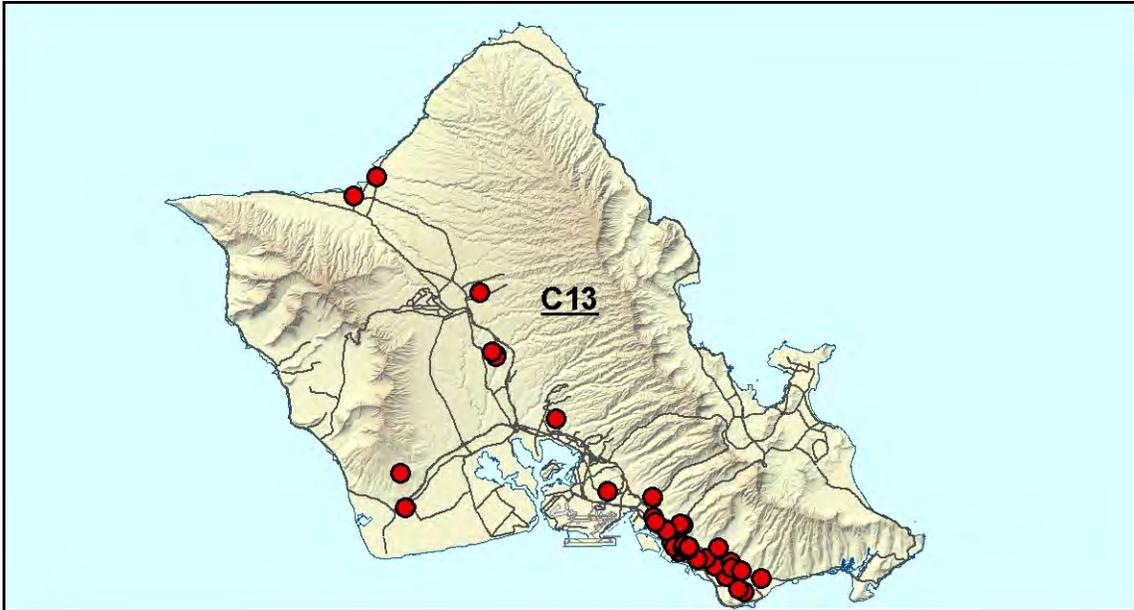
Total Estimated Project Cost: \$8,590,000
(for FYs 2008-2013 only)

Project Sponsor: City and County of Honolulu (FHWA 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)														
a. Harding Avenue at 5th and 11th Avenues																			
CON	0	0	0	2,600	2,600	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim	
INSP	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
b. Dillingham Boulevard (Route 7401) and North King Street (Route 7401)																			
ROW	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
PLN	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Local Only	
DES	990	620	370	200	160	40	0	0	0	0	0	0	0	0	0	0	0	STP Flex	
CON	0	0	0	1,000	800	200	0	0	0	0	0	0	0	0	0	0	0	STP Flex	
c. Location Not Yet Determined																			
DES	0	0	0	0	0	0	200	160	40	200	160	40	200	160	40	200	160	40	STP Flex
CON	0	0	0	0	0	0	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	STP Flex

C13 Traffic Signals at Various Locations



TIP Revision #10 Details:

Reprogrammed and inflated Phase 10 CON funds to FY 2009. It was originally programmed in FY 2008.

Project Description:

Install and upgrade traffic signals islandwide, including Americans with Disabilities Act (ADA) improvements, signs and markings, and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds left-turn phases, increases signal visibility, improves signal coordination, and makes ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually.

Phase 10 - FY 2009 Construction Funds

1. Komo Mai Drive and Hoomalu Street (New Signal)
2. Waiakamilo Road and McNeil Street (New Signal)
3. North Beretania Street and Aala Street (Left-turn phase)
4. Kilauea Avenue (School Flasher)
5. Lanikuhana Avenue and Lanipaa Street (New Signal)
6. Lanikuhana Avenue to Meheula Parkway and Holani Street (Interconnect)
7. Kamokila Boulevard and Nau Place (New Signal)
8. Dillingham Boulevard and Kohou Street (Left-turn phase)
9. Dillingham Boulevard and Kokea Street (Left-turn phase)

Phase 11 – FY 2008 Design Funds; FY 2009 Construction Funds

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

Phase 12 – FY 2009 Design Funds; FY 2010 Construction Funds

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

Phase 13 – FY 2010 Design Funds; FY 2011 Construction Funds

C13 Traffic Signals at Various Locations

1. University Avenue and Metcalf Street (Left-turn Phase)
2. Nuuanu Avenue and School Street (Left-turn Phase)
3. Waialua Beach Road and Goodale Avenue (New Signal)
4. Kamehameha Highway and Haleiwa Road (New Signal)
5. University Avenue and Coyne Street (New Signal)
6. Pacific Heights Road and Pauoa Road (Left-turn Signal)
7. Nuuanu Avenue and Pauoa Road (Left-turn Phase)

Phase 14 – FY 2011 Design Funds; FY 2012 Construction Funds

1. South Street and Kawaiahao Street (New Signal)
2. Kapiolani Boulevard and Date Street (Upgrade Intersection)
3. North School Street and Kamehameha IV Road (Upgrade)
4. Kapiolani Boulevard and Ward Avenue (Upgrade)
5. South King Street and Ward Avenue (Audio Ped Signal)
6. South Beretania Street and Ward Avenue (Audio Ped Signal)
7. South King Street and Pensacola Street (Audio Ped Signal)
8. South Beretania Street and Pensacola Street (Audio Ped Signal)

Neighborhood(s): Various Locations

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

Project Sponsor: City and County of Honolulu (FHWA 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	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	Local Only
INSP	30	0	30	20	0	20	20	0	20	20	0	20	20	0	20	20	0	20	Local Only
<i>Phase 10</i>																			
CON	0	0	0	4,000	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

C13 Traffic Signals at Various Locations

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

C16 Bus and Handi-Van Acquisition Program



TIP Revision #10 Details:

Added \$19,600,000 in EQP funds in FY 2009 for the purchase of twenty 60' hybrid articulated buses. Used economic stimulus funds in Section 5307.

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, 20 60' hybrid articulated 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

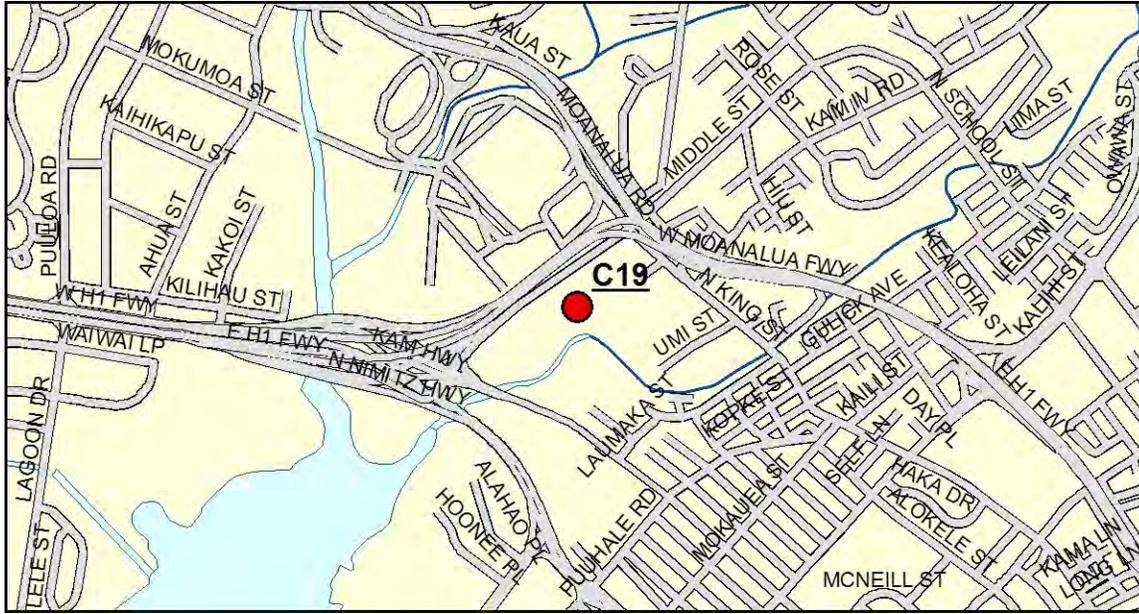
Project Sponsor: City and County of Honolulu (FTA Funded)

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													
EQP	0	0	0	19,600	19,600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307
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	0	\$5307/\$5340
EQP	0	0	0	432	346	86	0	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	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	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	0	FTA

C19 Middle Street Intermodal Center



TIP Revision #10 Details:

Added \$11,000,000 in CON funds to FY 2009 to construct a covered platform, transit center, street intersection and signalization improvements, environmental capping, and 30% design of the parking garage and the Handi-Van maintenance and administration building. Used economic stimulus funds in Section 5307.

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. Transit enhancements elements, such as landscaping, signage, and pedestrian access, are included.

Neighborhood(s): Kalihi-Palama

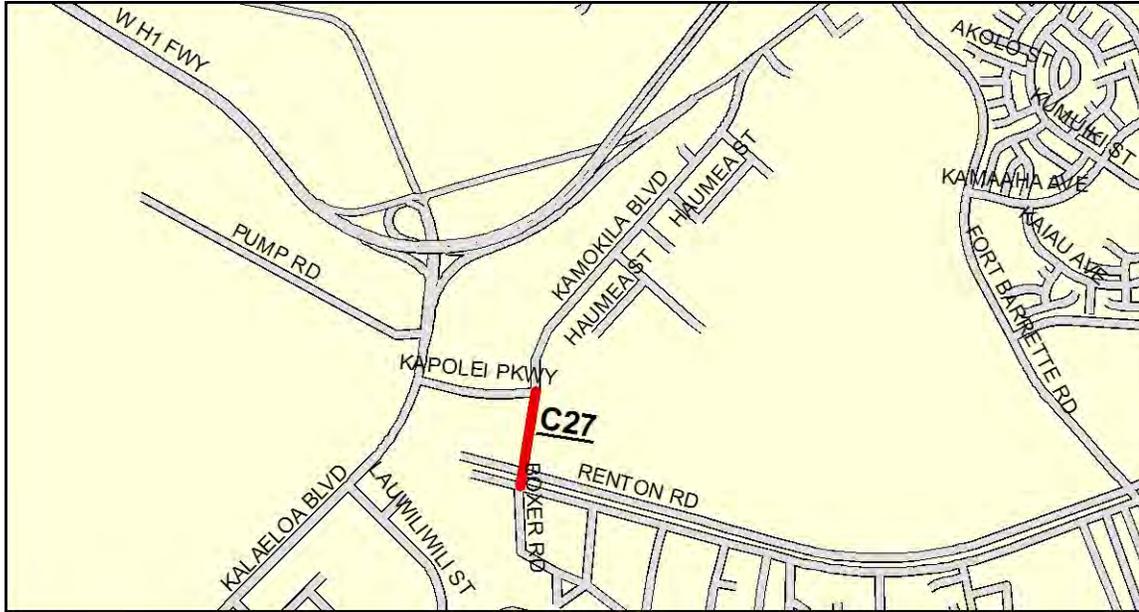
Total Estimated Project Cost: \$81,460,000

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	
													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	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	16,046	6,737	9,309	11,000	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307
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	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

C27 Kamokila Boulevard Extension



TIP Revision #10 Details:

Added new project.

Project Description:

To construct an approximately 200-foot extension of Kamokila Boulevard from the old Oahu Railway and Land Company (O.R. & L.) right-of-way to F.D. Roosevelt Avenue.

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

Total Estimated Project Cost: \$2,200,000

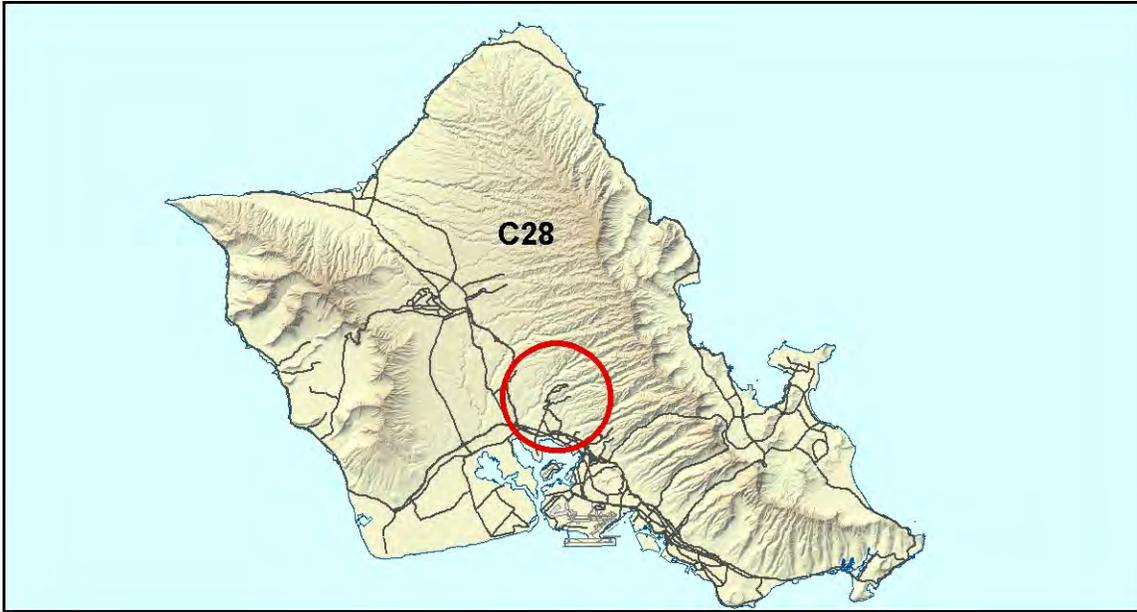
Project Sponsor: City and County of Honolulu (FHWA Funded)

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)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	1,900	1,900	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

C28 Rehabilitation of Streets



TIP Revision #10 Details:

Added new project.

Project Description:

To construct street rehabilitation improvements in the Pearl City area.

Neighborhood(s): Pearl City

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

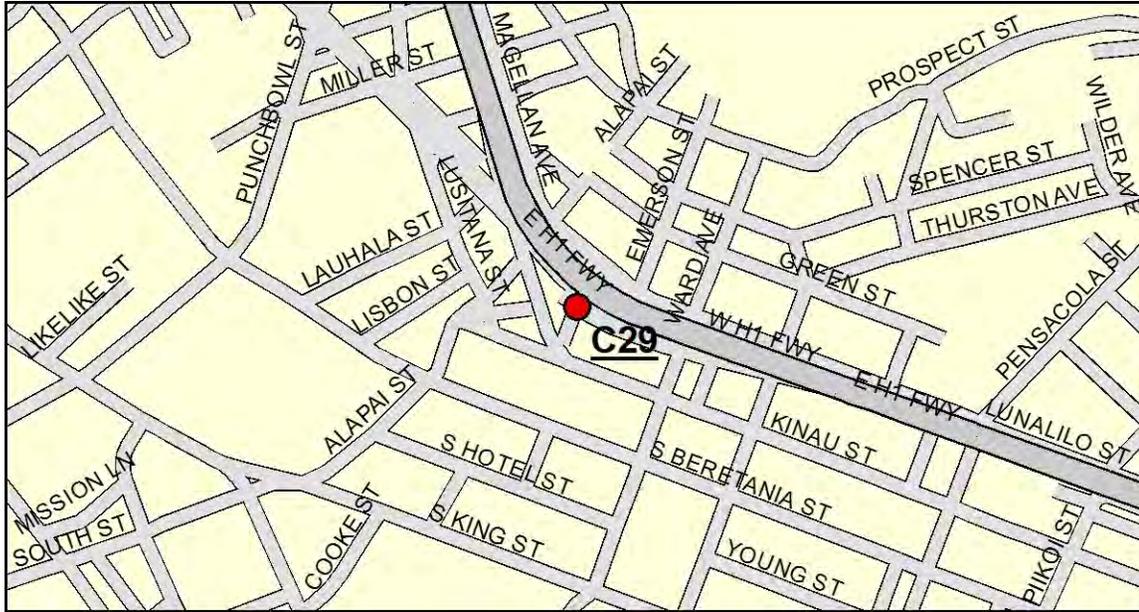
Project Sponsor: City and County of Honolulu (FHWA Funded)

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												
CON	0	0	0	10,000	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

C29 Traffic Management Center Auxiliary Power Facility



TIP Revision #10 Details:

Added new project.

Project Description:

To provide auxiliary power to the City and County of Honolulu's Traffic Management Center. This is needed to support critical operations during prolonged power outages due to emergencies.

Neighborhood(s):

Total Estimated Project Cost: \$400,000

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)	Total	Federal	Local	Total	Federal	Local													
CON	0	0	0	400	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

C30 Traffic Safety Improvements at Various Locations

Sites are not yet determined.

TIP Revision #10 Details:

Added new project.

Project Description:

To address traffic safety concerns, such as speeding, by installing low-cost traffic engineering solutions in a timely manner.

Neighborhood(s): Various Locations

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

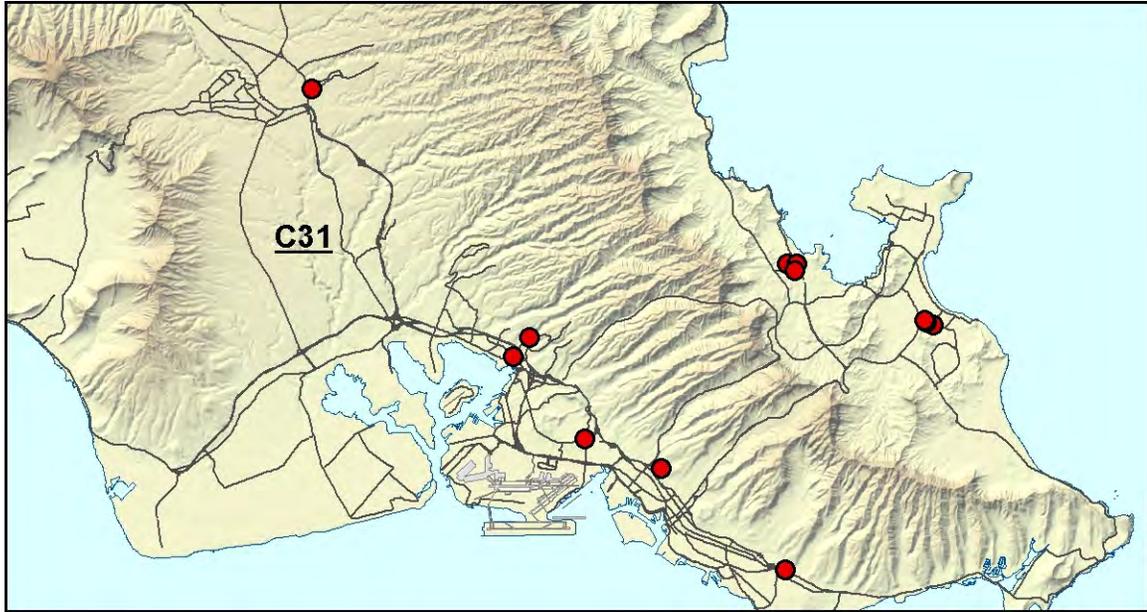
Project Sponsor: City and County of Honolulu (FHWA Funded)

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)	Total	Federal	Local	Total	Federal	Local												
CON	0	0	0	2,000	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

C31 Bus Stop Pad Improvements



TIP Revision #10 Details:

Added new project. Used economic stimulus funds in Section 5307.

Project Description:

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. Waiialae 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

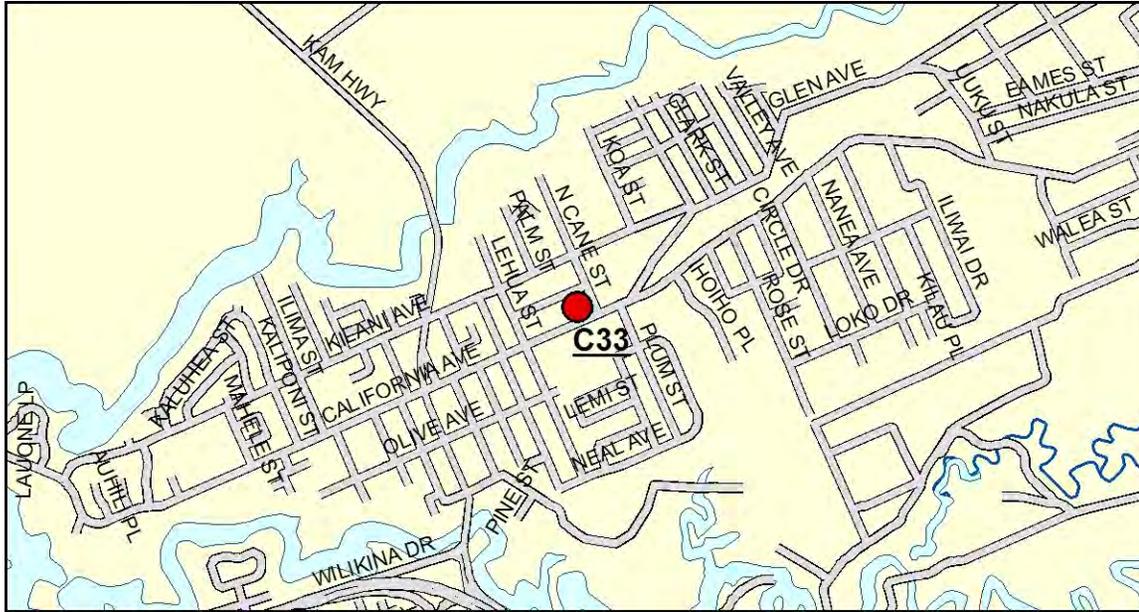
Total Estimated Project Cost: \$3,144,000

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)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)																
CON	0	0	0	2,000	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307

C33 Wahiawa Transit Center



TIP Revision #10 Details:

Added new project. Used economic stimulus funds in Section 5307.

Project Description:

To construct a transit center in Wahiawa to accommodate express, trunk, and circulator bus services.

Neighborhood(s): Wahiawa

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

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													
CON	0	0	0	4,300	4,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5307

C34 Kalaeloa Boulevard (Route 95), Widening and Reconstruction, Phase 1, Oahu Railway and Land Company (O.R. & L.) Right-of-Way to Lauwiliwili Street



TIP Revision #10 Details:

Added new project.

Project Description:

To improve and widen Kalaeloa Boulevard, between the old O.R. & L. right-of-way and Lauwiliwili Street, to a six-lane divided roadway, meeting the City and County of Honolulu standards for dedication. Kalaeloa Boulevard is a major regional arterial roadway that serves as an access between the H-1 Freeway and the major industrial areas on Oahu. Stimulus funding will allow the project to move forward in a timely manner to better address the regional traffic and safety issues of the area.

Neighborhood(s): Makakilo-Kapolei-Honokai Hale

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

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)	Total	Federal	Local	Total	Federal	Local													
CON	0	0	0	7,000	7,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Econ Stim

FUNDING SUMMARY

FOR INFORMATION ONLY

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

FHWA-FUNDED PROJECTS

State of Hawaii - Sponsored Projects

As of Revision #9	47,830	47,374	456	102,564	79,301	23,263	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 #10 Changes	0	0	0	68,800	17,040	51,760	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #10	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

C&C of Honolulu - Sponsored Projects

As of Revision #9	29,993	18,836	11,157	23,199	15,603	7,596	61,927	19,034	42,893	70,078	19,822	50,256	21,465	24,663	(3,198)	47,227	45,273	1,954
Revision #10 Changes	(3,900)	(2,960)	(940)	30,300	30,300	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #10	26,093	15,876	10,217	53,499	45,903	7,596	61,927	19,034	42,893	70,078	19,822	50,256	21,465	24,663	(3,198)	47,227	45,273	1,954

TOTAL FHWA	73,923	63,250	10,673	224,863	142,244	82,619	185,642	102,391	83,251	152,108	103,048	49,060	156,326	137,413	18,913	153,892	132,218	21,674
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FTA-FUNDED PROJECTS

State of Hawaii - Sponsored Projects

As of Revision #9	140	111	29	270	215	55	155	120	35	163	126	37	172	133	39	179	139	40
Revision #10 Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #10	140	111	29	270	215	55	155	120	35	163	126	37	172	133	39	179	139	40

C&C of Honolulu - Sponsored Projects

As of Revision #9	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
Revision #10 Changes	0	0	0	42,900	42,900	0	0	0	0	0	0	0	0	0	0	0	0	0
Total as of Revision #10	176,175	59,418	116,757	372,560	95,579	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

TOTAL FTA	176,315	59,529	116,786	372,830	95,794	277,036	399,545	38,136	361,409	366,877	87,922	278,955	384,662	201,474	183,188	386,434	199,214	187,220
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FINANCIAL CONSTRAINT
FYs 2008-2011 TIP as of Revision #10

TIP Revision #10 was developed based on the best information available at the time about *potential* economic stimulus funds that may be made available for Oahu. Based on FHWA guidance, a doubling of federal highway dollars based on the FY 2008 program for the entire State of Hawaii formed the foundation for fiscally constraining the statewide TIP (STIP). For the FTA program, it was assumed that economic recovery program revenues would be equivalent to a doubling of the current full-year amount of comparable FTA program funds – Sections 5307 Urbanized Area Formula program, 5309 Fixed-Guideway Modernization program, and 5311 Non-Urbanized Area Formula program.

If necessary, a TIP revision will be developed to adjust the TIP to align with actual funding levels and project timeline requirements that are identified in the signed economic stimulus bill and Federal Register. The amount of FHWA funds estimated to be available for projects on Oahu is determined through a cooperative agreement between OahuMPO, HDOT, and DTS. Refer to Chapter 13 of the TIP for additional information on FHWA and FTA funding sources.