

OAHU
TRANSPORTATION IMPROVEMENT PROGRAM
FYS 2004, 2005, AND 2006

APPROVED BY THE OMPO POLICY COMMITTEE
ON
AUGUST 12, 2003

Prepared by the
OAHU METROPOLITAN PLANNING ORGANIZATION

In Cooperation with
Its Participating Agencies

State Department of Transportation
State Department of Business, Economic Development, and Tourism
City and County of Honolulu Department of Transportation Services
City and County of Honolulu Department of Planning & Permitting

OAHU
TRANSPORTATION IMPROVEMENT PROGRAM
FYS 2004, 2005, AND 2006

Including the Honolulu and Kailua-Kaneohe Urbanized Areas
Oahu Transportation Management Area

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The contents of this document do not necessarily reflect the official views or policies of the U.S. Department of Transportation

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TABLE OF CONTENTS

- I. Introduction
- II. Abbreviations and Codes
- III. Public Participation
- IV. Project Selection and Priorities
- V. Administration of the TIP
- VI. Financial Plan
- VII. OMPO TIP FYs 2004, 2005, and 2006 – Oahu Project Listing

APPENDICES

- A. TIP Recommendations of the OMPO Citizen Advisory Committee on the FYs 2004-2006 TIP
- B. City Council Resolution 03-209, CD1, FD1, August 6, 2003
- C. Goals and Objectives of the TOP 2025
- D. Oahu Transportation Improvement Program (TIP) Procedures, 10/25/99
- E. Status of Federally-Funded Projects--FYs 2002 and 2003

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I. INTRODUCTION

The Oahu Transportation Improvement Program (TIP) - FYs 2004, 2005, and 2006 has been prepared in accordance with the requirements of the Transportation Equity Act for the 21st Century (TEA-21). It describes and prioritizes, in table form, the surface transportation programs and projects that the Oahu Metropolitan Planning Organization (OMPO) Policy Committee has selected for implementation during the program period. The TIP, as adopted by the Policy Committee and approved by the Governor (or her designee), is the Oahu element of the Statewide TIP (STIP). The STIP is the document upon which the U.S. Department of Transportation bases its obligation of federal transportation funds for projects in Hawaii.

The TIP identifies transportation programs and projects totaling approximately \$526 million to be implemented during the three-year program period. The projects include those eligible for federal funding assistance as well as regionally significant locally-funded projects. FY 2004 projects represent those with the highest implementation priority. State projects in FY 2004 total approximately \$92 million, of which some \$75 million is from federal funds. The largest State project in FY 2004 is the Fort Weaver Road Widening project. This project is funded with about \$14 million in federal funds and \$4 million in local funds. City projects in FY 2004 total approximately \$79 million, with about \$47 million in federal funds. The Preventive Maintenance project for transit vehicles is the largest City project in the TIP. This is funded with about \$21 million in federal funds and \$5 million in local funds.

The TIP includes seven chapters, with Chapter I being this Introduction. Chapter II is an index of the abbreviations and codes used in the TIP. Chapter III describes the TIP public involvement program, and Chapter IV explains OMPO's project selection and prioritization system. Chapter V establishes guidelines for certain administrative matters relating to amendments and modifications to the TIP. The Financial Plan for the program period is explained in Chapter VI. Chapter VII contains the list of TIP projects for FYs 2004-2006, as approved by the OMPO Policy Committee. Supporting materials are provided in Appendices A through E.

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II. ABBREVIATIONS AND CODES

AASHTO	American Association of State Highway and Transportation Officials
CAC	Citizen Advisory Committee (OMPO)
CMAQ	Congestion Mitigation and Air Quality Improvement Program funds
CON	Construction
DBEDT	Department of Business, Economic Development, and Tourism (State)
DPP	Department of Planning and Permitting (City)
DES	Design
DOT	Department of Transportation (State)
DTS	Department of Transportation Services (City)
EQP	Equipment
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year (Federal: October - September)
IM	Interstate Maintenance funds
INSP	Inspection
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
ITS	Intelligent Transportation Systems
LOCAL	State or City Funds
NHS	National Highway System
OMPO	Oahu Metropolitan Planning Organization
OPER	Operations
PE	Preliminary Engineering
PLN	Planning and Engineering
RELOC	Relocation
ROW	Right-of-way

STIP	Statewide Transportation Improvement Program
STP	Surface Transportation Program (FHWA)
TEA-21	Transportation Equity Act for the 21 st Century
TIP	Transportation Improvement Program
TOP 2025	Transportation for Oahu Plan 2025
3-C	Continuing, Cooperative, Comprehensive

III. PUBLIC PARTICIPATION

DESCRIPTION OF PROCESS

The OMPO Public Involvement Program

The OMPO Policy Committee endorsed the *OMPO Guide to Public Involvement (GPI)* in October 2002. The GPI provides that, with regard to the TIP, sponsoring entities have the primary responsibility for ensuring public participation in their planning process prior to submitting proposals to OMPO and for providing reasonable opportunities for comment from representatives of affected transportation agencies' employees and private transportation providers. The GPI also recognizes and incorporates the established public involvement procedures of both the City and the State. (This latter provision includes public testimony opportunities on Council Resolution No. 03-209, CD1,FD1, submitting the list of projects to be considered in the TIP, and the annual City budget process when formal public hearings are held.)

Early Involvement of the CAC

The OMPO Citizen Advisory Committee's (CAC) TIP subcommittee was formed in January 2003 to develop a recommended program for the FYs 2004, 2005, and 2006 TIP. Working from the Transportation for Oahu Plan 2025, prior TIPs, and recommendations submitted by the public as well as CAC members, the CAC TIP subcommittee established the following criteria for project selection and prioritization (listed here in alphabetical order):

- Implementation Feasibility – includes project feasibility/quality, interagency coordination, and financial feasibility
- Interface with Overall Transportation Plan – includes compatibility
- Maintenance/Repair
- Provides Transportation Choices – includes intermodal choices
- Quality of Life – includes impacts
- Title VI – includes safety/health, accessibility/ADA requirements, economic development, social impact, and crime
- Transportation Efficiency – includes congestion

The subcommittee then grouped the projects into three categories: (1) projects on the existing TIP, (2) priority projects currently in the FYs 2002-2004 TIP that should be expedited, and (3) new projects to be included in the FYs 2004-2006 TIP.

The CAC's TIP Subcommittee Report (see Appendix A) was accepted by the full CAC in April 2003 and transmitted to the OMPO Policy Committee. The OMPO Policy Committee reviewed the report and, in April 2003, directed that it be transmitted to the implementing agencies for consideration in the development of the *Draft Transportation Improvement Program, FYs 2004, 2005, and 2006* (Review Draft TIP).

Public Outreach for the TIP

The Review Draft TIP, with instructions on how to submit comments and recommendations, was released on July 7, 2003, initiating the formal public review period, which ended on

August 1, 2003. On July 7, 2003, the draft project listing was posted on OMPO's web page and also distributed and discussed at the July 16, 2003 CAC meeting. The Review Draft TIP was also sent to the more than two hundred individuals, businesses, and organizations on the OMPO mailing list on July 7, 2003.

Recipients of the July 7, 2003 version of the project listing were notified that this initial draft was not financially constrained, and therefore, some of the projects listed may need to be divided into smaller phases, deleted, or postponed. They were encouraged to submit comments in support or opposition of a project currently on the listing, as well as to periodically check the OMPO website for any updates to the draft project listing.

On July 16, a letter was sent to the OMPO mailing list announcing the addition of State project *S82 Farrington Highway, Bridge Replacement, Maipalaoa Bridge*. This information was posted on the OMPO website on July 28, 2003.

On August 7, a letter was sent to the OMPO mailing list announcing the addition of City projects *C18 Kamokila Boulevard Extension; C19 Kapolei Parkway, Unit 1; C20 Rehabilitation of Streets, Unit 5A; C21 Kapolei Parkway, Unit 2; and C22 Kapolei Parkway, Unit 3*. This information was posted on the OMPO website on August 11, 2003.

There were over 995 hits to the TIP web page during the public comment period beginning on July 7, 2003 and ending on August 1, 2003.

The FYs 2004-2006 TIP was on the Policy Committee agenda for the August 12, 2003 meeting. Notices of all Policy Committee meetings are published in the Honolulu Star Bulletin and on OMPO's web page, and are mailed to the Policy Committee mailing list, which includes all CAC representatives as well as others who request to be on the mailing list. The meetings are open to the public, and comments are received on any items on the agenda.

OMPO Citizen Advisory Committee Involvement

A public meeting on the TIP coincided with the CAC's monthly meeting in July, 2003. At this meeting, City and State transportation staff described their agency's major projects and answered questions from the public. The agenda for the meeting was also posted on OMPO's web page, and mailed to the more than two hundred individuals, businesses, and organizations on the OMPO mailing list. More than 200 Review Draft TIPs were distributed during the public review period. In addition, CAC meeting notices were faxed to the media, including minority newspapers such as the Hawaii Hochi and the Hawaii Filipino Chronicle.

City Public Involvement and Projects

Projects in the TIP for which the City is the implementing jurisdiction were proposed by the City administration and submitted to the City Council for consideration and approval. The Council, following a review by the appropriate committee(s), adopted Council Resolution No. 03-209, CD1, FD1 (see Appendix B) approving a list of candidate projects and programs for consideration in the preparation of the TIP. The Resolution was subject to the Council's public notice and hearing procedures. All City measures appropriating funds are subject to the public notice and hearing requirements of the City Charter.

The Department of Transportation Services (DTS) receives input on matters of interest to transit users with special needs through its Committee on Accessible Transportation. OMPO is a non-voting member of the Committee and works with it on issues affecting the TIP and other OMPO planning activities.

State Public Involvement and Projects

Projects to be implemented by the State were submitted by the Department of Transportation (DOT). The project listing reflected projects for which legislative appropriations had been made or will be requested in the 2004 session. State Legislative consideration and approval of these projects is subject to the rules of the State House of Representatives and State Senate regarding public notice and testimony.

DOT procedures emphasize public involvement at the project rather than program level, and extensive meetings are held during the environmental assessment and review stages of project planning, development, and implementation. Depending upon a project's funding and work plan, these meetings may be conducted after approval of the TIP/STIP.

Intergovernmental Review

The Review Draft TIP was also circulated under OMPO's intergovernmental review process. Comments on the draft project listing were requested of the following agencies/utilities:

City and County of Honolulu Agencies:

- Department of Design and Construction
- Department of Facility Maintenance
- Department of Planning and Permitting

State of Hawaii Agencies:

- Department of Budget and Finance
- Department of Defense
- Department of Education
- Department of Land and Natural Resources
- Housing and Community Development Corporation of Hawaii
- Office of Hawaiian Affairs

Federal Agencies:

- Department of the Army
- U.S. 14th Coast Guard District (d)
- U.S. Department of the Air Force
- U.S. Marine Corp Base Hawaii, Kaneohe Bay
- U.S. Naval Base, Pearl Harbor

Utility Companies:

- Hawaiian Electric Company, Inc.
- Oceanic Cable
- Verizon

Copies of the substantive comments received were circulated to the implementing agencies for appropriate action. This material is available for review at the OMPO office.

RESPONSES TO PUBLIC COMMENTS

DTS prepared responses to technical comments regarding City projects; and DOT did the same for State projects. All comments received were given to the Policy Committee for their consideration when selecting the projects for the final TIP project listing. OMPO will respond to all comments once the TIP is approved by the Policy Committee. Copies of all comments received and responses given are available for review at the OMPO office.

The agencies' responses are grouped as follows:

- State and City Responses to the OMPO CAC's Recommendations for State and City Projects (*This list was handed out at the July 16, 2003 CAC meeting.*)
- State responses to other project-specific comments received during the public review period (July 7, 2003 through August 1, 2003)
- City responses to other project-specific comments received during the public review period (July 7, 2003 through August 1, 2003)

**SUMMARY OF AGENCY RESPONSES TO THE
OMPO CAC PROJECT RECOMMENDATIONS #2 AND #3
(as of August 12, 2003)**

CAC Recommendation No. 2

The following projects currently in the FYs 2002-2004 TIP are priority projects for the CAC and recommended to be expedited.

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
1	Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue	Widening Fort Barrette Road from two to four lanes (S72 in FYs 2002-2004 TIP).	Yes - S6 This project is going forward with Rights-of-Way acquisition scheduled for FY 2005 in the 2004 - 2006 TIP.	State
2	Fort Weaver Road Widening, Farrington Highway to Geiger Road	Widen Fort Weaver Road from four lanes to six lanes from Farrington Highway to Geiger Road. Traffic signal will be synchronized (S7 in FYs 2002-2004 TIP).	Yes - S7 Construction for widening from Laulaunui to Geiger Road is scheduled for FY 2004 in the 2004 -2006 TIP.	State
3	Interstate Route H-1, Addition and Modification of Highway Accesses, Makakilo to Palailai Interchanges	Improve Makakilo and Palailai Interchanges and construct a new interchange (Kapolei Interchange) to improve access to the City of Kapolei, Villages of Kapolei, Kapolei Business Park, Makakilo, Ko Olina, and Kalaeloa (S73 in FYs 2002-2004 TIP).	Yes - S10 Planning is scheduled for FY 2004 in the 2004 -2006 TIP.	State
4	Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station	Upgrade and/or reconstruct/rehabilitate the existing roadway, drainage systems, and other facilities to current standards on Enterprise Road, Roosevelt Road, Coral Sea Road, and West Perimeter Road. Project will include future North/South Road connector right-of-way and realignment of Coral Sea Road to Independence Road (S33 in FYs 2002-2004 TIP).	No - This project is being delayed. Functional classification of the roadway system must be determined for this project to continue with federal aid.	State

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
5	Kamehameha Highway Bikeway, Vicinity of Radford Drive to Arizona Memorial	Construct a bike lane on Kamehameha Highway, from Radford Drive area to the Arizona Memorial. Includes drainage improvements, markings, signing, and ADA improvements (S40 on FYs 2002-2004 TIP).	Yes - S41 This project is going forward with Construction scheduled for FY 2004 in the 2004 -2006 TIP.	State
6	Kapolei Parkway	Construct a new road from Aliinui Drive to Fort Barrette Road and from Kapolei Middle to North-South Road (C30 and C31 in FYs 2002-2004 TIP).	Yes - C21 and C22 The City is programming the project for Planning only into the FYs 2004-2006 TIP. The land is privately owned. This project is included as part of Ordinance 02-52 (Ewa transportation impact fee program) for developer contribution towards the design and construction of the roadway.	City
7	Leeward Bikeway, Phase I, Waipio Point Access Road to Railroad Society Train Station	Construct a 10-foot wide multi-use path along the old Oahu Railway and Land Company's right-of-way. Project will include drainage structures, crossing structures, and retaining walls. After all phases are completed, the existing bikepaths will be connected into a continuous route serving the Pearl Harbor area to Lualualei (S57 in FYs 2002-2004 TIP).	Yes - S65 The consultant for Phase I has not been selected yet. Construction has been rescheduled for FY 2006 in the FYs 2004 -2006 TIP.	State
8	North/South Road, Phases I and II	Construct a new multi-lane arterial from Farrington Highway to Interstate Route H-1, and an interchange at the H-1 Freeway. Phase I includes Kapolei Parkway to Farrington Highway. Phase II includes Farrington Highway to H-1 (S64 in FYs 2002-2004 TIP).	Yes - S74 Construction of the N/S Road has been scheduled for FY 2005 and 2006 in the FYs 2004 -2006 TIP.	State

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
9	Salt Lake Boulevard Widening, Phase 3	Widen Roadway to a four-lane facility with a raised landscaped median, bike lanes, a parking lane, and sidewalks between Maluna Street and Ala Lilikoi Street (C7 in FYs 2002-2004 TIP).	Yes - This is the same as project <i>C7 Saltlake Boulevard Widening, Phase 2B</i> .	City
10	Vanpool Program	Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with State-subsidized van.	Yes - S80 Continued funding of the Vanpool has been placed in the FYs 2004 -2006 TIP.	State

CAC Recommendation No. 3

The following new projects are recommended to be included in the FYs 2004-2006 TIP. The projects are listed alphabetically and not by ranking.

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
1	Farrington Highway, Kapolei Golf Course to Kunia Road	Widen Farrington Highway from two lanes to four lanes from Kapolei Golf Course to Kunia Road.	No - This project had been programmed in the FY 1997 in the FYs 1996-1998 TIP. The preliminary design has been done but the City is waiting for an updated traffic study by the State/UH due to relocation of West Oahu Campus, and North/South Road traffic impacts.	City
2	Kalaeloa Boulevard Improvements	Upgrade and/or reconstruct/rehabilitate the existing Kalaeloa Boulevard from Palailai Interchange to Malakole Road to current City standards including replacing the existing asphalt road surface with a new concrete road surface.	No - This road belongs to Campbell Estate. When the road is turned over to the State or City, this project may be considered.	Unknown

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
3	Kapolei Parkway from Renton Road to Kapolei Intermediate	Construct a new road from Renton Road to the bridge adjacent to Kapolei Intermediate School. This road will provide an alternate route for Ewa and Kapolei residents without using Fort Weaver Road.	No - This is within the Department of Hawaiian Homelands' jurisdiction. The City is currently undertaking Kapolei Parkway between OR&L and Renton Road.	City
4	Karayan to Aawa Drive Connector Road	Construct a connector road from Karayan behind Child and Family Services to Aawa Drive under Fort Weaver Road. This will provide for a grade separated crossing for Fort Weaver Road.	No - This proposed project is on privately owned land. There are no plans to develop the project at this time.	City
5	Kipapa Gulch Old Kamehameha Highway Bicycle and Pedestrian Bypass (Kipapa Gulch Bikeway)	Improve the surface of Old Kamehameha Highway through Kipapa Gulch for bicycles and pedestrians. This will provide a safer route for cyclists and pedestrians connecting Mililani with Waipio Gentry and the Central Oahu Regional Park.	No - The jurisdiction for this road (City or State) is unknown at this time. Also, if this project will be applying for Enhancement funds it needs to be included in OMPOs Transportation Enhancement Process.	Unknown
6	Makakilo Drive Extension to H-1 (second access)	Construct a new roadway connecting the end of Makakilo Drive to the proposed North/South Road Interchange. This is part of the overall Ewa Regional Transportation Plan and will help alleviate the transportation problems affecting Makakilo.	No - The City is examining best alignment for extension considering steep slopes in the area. Major obstacle: the land near proposed H-1 interchange is privately owned.	City
7	Old Fort Weaver Road to Karayan Connector Road	Construct a new connector road from Karayan behind Child and Family Services to the Old Fort Weaver Road. This will provide an alternate route for Fort Weaver Road for Ewa Villages residents.	No - This proposed project resides on privately owned property. There are no plans to develop this project at this time.	City

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
8	Roosevelt Avenue to Kamokila Boulevard Connector Road	Construct a new connector road from the end of Roosevelt Avenue to Kamokila Boulevard. This road will provide an alternative route for Ewa and Waianae Coast residents without having to go through Kapolei town.	Yes - C18 The City is programming the project for Planning and Design in FY 2004 and Construction in FYs 2004 and 2005 in the FYs 2004-2006 TIP.	City
9	Waianae Coast "Mauka" Highway	Construct a new roadway from Makaha to Kunia Road crossing over the Waianae Range. This project will provide an alternate route for the Waianae Coast.	No - Presently, this project is an illustrative project on OMPO's TOP 2025. It would need to move into the financially constrained portion of the TOP 2025 to be considered for funding. This project would cost hundreds of millions of dollars to construct, not including the relatively large costs for Planning, Design, and Rights-of-Way acquisition. The City did a preliminary design study on the Waianae range in 1998. The Waianae range is State property and the State would be the lead to initiate the project. The City is currently working on an alternative route (with roadways along Waianae) using City funds. This designated alternate route is to be used for emergency purposes (i.e., natural disasters) in the event of Farrington Highway closure.	State

**SUMMARY OF RESPONSES TO OTHER PROJECT-SPECIFIC
COMMENTS RECEIVED
DURING THE PUBLIC REVIEW PERIOD**

State of Hawaii

1. Requests that DOT include transportation enhancement projects #5 *Repair OR&L Tracks - Fort Weaver Road to Kahe*, #9 *Railroad Crossing Gates for State Roads*, and #11 *Railroad Crossing Gates for County Roads* in the FYs 2004-2006 TIP. (3 comments received)

Response:

Comments have been forwarded to DOT.

2. Supports S6 - Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue.

Response:

Project S6 has been included in the draft FYs 2004-2006 TIP. Right-of-Way funds have been programmed in FY 2005.

3. Supports S7 - Fort Weaver Road Widening, Vicinity of Laulaunui Street to Geiger Road.

Response:

Project S7 has been included in the draft FYs 2004-2006 TIP. Construction funds have been programmed in FY 2004.

4. Supports S11 - Interstate Route H-1, AM Contraflow Lane, Pearl Harbor Interchange to Keehi Interchange, AM Zipper Extension.

Response:

Project S11 has been included in the draft FYs 2004-2006 TIP. Construction funds have been programmed in FY 2004.

5. Supports S65 - Leeward Bikeway.

Response:

Project S65 has been included in the draft FYs 2004-2006 TIP. Construction funds have been programmed in FY 2006.

6. Supports S74 - North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1.

Response:

Project S74 has been included in the draft FYs 2004-2006 TIP. Rights-of-Way funds have been programmed in FY 2004 and construction funds have been programmed in FYs 2005 and 2006.

7. Supports S75 - Oahu Mature Pedestrian Safety Program.

Response:

Project S75 has been included in the draft FYs 2004-2006 TIP. Planning funds have been programmed in FY 2004.

8. Supports S80 - Vanpool Program.

Response:

Project S80 has been included in the draft FYs 2004-2006 TIP. Operating funds have been programmed in FYs 2004, 2005, and 2006.

City and County of Honolulu

1. Supports C18 - Kamokila Boulevard Extension.

Response:

Project C18 has been included in the draft FYs 2004-2006 TIP. Planning and Design funds have been programmed in FY 2004 and construction funds have been programmed in FYs 2004 and 2005.

2. Supports C19 - Kapolei Parkway, Unit 1.

Response:

Project C19 has been included in the draft FYs 2004-2006 TIP. Planning and Design funds have been programmed in FY 2005 and construction funds have been programmed in FY 2006.

3. Supports C11 - Bus and Handi-Van Acquisition Program.

Response:

Project C11 has been included in the draft FYs 2004-2006 TIP. Equipment funds have been programmed in FYs 2004, 2005, and 2006.

4. Supports C13 - Middle Street Intermodal Center.

Response:

Project C13 has been included in the draft FYs 2004-2006 TIP. Design funds have been programmed in FYs 2004 and 2005; Construction funds have been programmed in FYs 2004 and 2006; and Relocation funds been programmed in FY 2004.

5. Supports C14 - Wahiawa Transit Center.

Response:

Project C14 has been included in the draft FYs 2004-2006 TIP. Rights-of-Way and construction funds have been programmed in FY 2004.

6. Supports C15 - Waianae Transit Center.

Response:

Project C15 has been included in the draft FYs 2004-2006 TIP. Rights-of-Way funds and construction funds have been programmed in FY 2004.

7. Supports C16 - Preventative (Bus) Maintenance.

Response:

Project C16 has been included in the draft FYs 2004-2006 TIP. Operating funds have been programmed in FYs 2004, 2005, and 2006.

8. Supports C17 - Transfer to FHWA for Vanpool

Response:

Project C17 has been included in the draft FYs 2004-2006 TIP. Operating funds have been programmed in FYs 2004, 2005, and 2006.

9. Supports the addition of a Kapolei Parkway project from Aliinui Drive to Fort Barrette Road (C30 and C31 in the FYs 2002-2004 TIP). (3 comments received)

Response:

Projects C21 Kapolei Parkway, Unit 2 and C22 Kapolei Parkway, Unit 3 have been included in the draft FYs 2004-2006 TIP. Planning funds have been programmed for FYs 2005 and 2006 respectively.

**OAHU TRANSPORTATION IMPROVEMENT PROGRAM, FYS 2004-2006
AS OF AMENDMENT #13**

**Projects that Include Investments in
Pedestrian Walkways and Bicycle Transportation Facilities
Obligated as of September 30, 2005**

Project	Phase	Estimated in FY 2005 (X \$1,000)	Federal Funding Category	
FEDERAL HIGHWAY ADMINISTRATION – FUNDED PROJECTS				
S6	Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue <i>Widen the roadway to four lanes. Improvements include right- and left-turning lanes, sidewalks, bikeways, highway lighting, drainage, traffic signals, and landscaping.</i>	Right-of-Way	170	Minimum Guarantee
S54	Kamehameha Highway Improvements, Waipahu Street to Ka Uka Boulevard <i>Improve traffic operations and do other improvements, such as sidewalk, bikeway, highway lighting, drainage along this segment of Kamehameha Highway.</i>	Right-of-Way	150	National Highway System
S64	Kamehameha Highway Widening, Lanikuhana Avenue to Ka Uka Boulevard <i>Widen Kamehameha Highway to a four-lane divided facility with shoulders for bicycles and disabled vehicles.</i>	Planning	1,500	National Highway System
FEDERAL TRANSIT ADMINISTRATION – FUNDED PROJECTS				
None				

IV. PROJECT SELECTION AND PRIORITIES

PROJECT SELECTION

Statewide TIP Requirements

The selection of projects and programs for inclusion in the Oahu TIP is made in conjunction with project selection for the STIP. The STIP procedures require that each project in the draft STIP:

- meets all technical eligibility criteria as established by federal regulations;
- complies with obligational requirements in compliance with AASHTO standards;
- reflects priorities set by adopted long-range regional transportation plans and established management systems;
- has a committed local match or reasonable expectations thereof at the time of obligation;
- meets obligational requirements by the end of the programmed federal fiscal year; and
- reflects administrative guidelines and directives developed at the national, state, and local levels, as appropriate.

Representatives of OMPO's participating agencies ensure that their proposed projects meet the above criteria prior to submitting their proposed projects to OMPO for input into the TIP.

TOP 2025 Consistency and Other Considerations

A primary consideration in the selection of projects on Oahu is consistency with the April 2001 TOP 2025 that was adopted by the OMPO Policy Committee. The TOP 2025 is a long-range plan for surface transportation projects that are of regional significance. The projects identified in the TOP 2025 address the projected surface transportation needs of Oahu's residents and visitors, and are responsive to the needs of the island's commercial and industrial sectors.

Using the TOP 2025 as the starting point, preliminary listings of the major projects that are expected to be ready for implementation within the TIP three-year programming period (FYs 2004, 2005, and 2006) are developed by the State and City. The initial listing also includes projects relating to safety, maintenance, and upgrade of existing facilities, and some projects that are consistent with the TOP 2025 but not specifically identified therein. Through the public involvement process discussed in the previous section, recommendations of private individuals and organizations interested in and impacted by transportation projects are solicited. The views of interested federal, state, and local government agencies are also solicited during OMPO's intergovernmental review of the Review Draft TIP. Representatives of OMPO's participating agencies review the agency and public project proposals, and conduct an initial evaluation addressing the following considerations:

1. **Consideration:** Consistency with the TOP 2025.
Finding: The FYs 2004, 2005, and 2006 TIP is consistent with the TOP 2025 and supports the island's overall regional development goals.
2. **Consideration:** Consistency with the Oahu Regional ITS Architecture.
Finding: The FYs 2004, 2005, and 2006 TIP is consistent with the Oahu Regional ITS Architecture.
3. **Consideration:** The views of private individuals and organizations involved with and impacted by the transportation projects and programs under consideration.
Finding: The public involvement programs for the TOP 2025 and the TIP identified the needs and concerns of diverse elements of the community. The TIP reflects those concerns within the constraints of the fiscal and technical resources of the implementing agencies.
4. **Consideration:** The views of OMPO's participating agencies.
Finding: As active participants in the planning process, the participating agencies' views are reflected in the TIP.
5. **Consideration:** The availability of federal and local funds for projects.
Finding: The simultaneous development of the TIP and STIP prevents over-programming of available federal funds. Local fund requirements are budgeted or are under consideration by the respective legislative bodies. The possibility of funding restrictions by the State and City administrations exists.
6. **Consideration:** The implementing agency's access to the technical resources needed to manage projects.
Finding: The TIP procedures provide the implementing agencies full opportunity to determine the implementation feasibility for all projects under consideration.
7. **Consideration:** The seven factors set forth in the Transportation Equity Act for the 21st Century (TEA-21).
Finding: Refer to the following discussion of the seven planning factors.

TEA-21 Factors

The seven TEA-21 planning factors and a brief discussion of how they are incorporated in the development of the TIP follow:

1. *Support the economic vitality of the United States, the States and metropolitan areas.*
Numerous interstate and highway projects are programmed in the TIP. The freeway and highway systems provide a land surface network for the shipment of cargo by trucks across the island. Roadway improvements also enhance the movement of workers, which is a key factor in maintaining productivity and efficiency in business. They provide better access to jobs and opportunities, which enhances the economic vitality of an area. Roadway improvements, as well as bus purchases and bus infrastructure improvements, enhance welfare-to-work trips, which provides a mechanism for improving job opportunities and as well as the employment pool available to area businesses.
2. *Increase the safety and security of the transportation system for motorized and nonmotorized users.*
Many projects in the TIP concern maintenance and safety improvements, such as traffic signal installations, intersection improvements, bridge replacements, and resurfacing projects. These improvement projects often include sidewalk and bike lane improvements or installations.
3. *Increase the accessibility and mobility options available to people and for freight.*
A number of projects programmed in the TIP include bikeway and sidewalk improvements, which promote non-motorized travel. In addition, both the State and City have programmed projects to comply with the Americans with Disabilities Act. The City's bus acquisition and paratransit bus acquisition programs, as well as transit center projects, will maintain the level and quality of public transit on Oahu. The highway and freeway maintenance and improvement projects will expedite movement of freight.
4. *Protect and enhance the environment, promote energy conservation, and improve quality of life.*
Many projects that are programmed in the TIP, especially those using STP Enhancement funds, will enhance the environment and improve the quality of life on Oahu. The enhancement projects were recommended by the OMPO Transportation Enhancement Evaluation Panel. This panel consisted of staff representatives from the Policy Committee and the Citizen Advisory Committee. The Department of Business, Economic Development, and Tourism reviews the TIP program to ensure that it supports the State's long-range energy conservation plan and policies.
5. *Enhance the integration and connectivity of the transportation system, across and between modes throughout the State, for people and freight.*
The DOT is responsible for coordination among its highways, airports, and harbors divisions. OMPO participates in special subregional and facility planning efforts. Transit center projects will increase the efficiency of transfers between transit, as well as transfers between automobiles and transit.

6. *Promote efficient system management and operation.*

Several projects programmed in the TIP specifically target freeway management. For example, the Freeway Management System project will construct a freeway management system using Intelligent Transportation Systems (ITS) technologies. The project involves interagency coordination to monitor and manage traffic operations. The Freeway Service Patrol project will deploy freeway service patrols to provide minor assistance to motorists and assist emergency response agencies with managing and clearing freeway incidents. In addition, the Computerized Traffic Control System enables the City to monitor traffic on various facilities around the island.

7. *Emphasize the preservation of the existing transportation system.*

Maintenance projects of the DOT and DTS are programmed in the TIP. There is emphasis during the program period on maintenance projects such as road resurfacing and rehabilitation projects, guardrail and shoulder improvements, and the seismic retrofit of bridges. The City's bus acquisition and paratransit bus acquisition programs will help to maintain the level and quality of public transit on Oahu.

These seven TEA-21 planning factors generally represent good planning practices that are fully integrated into the OMPO metropolitan transportation planning process. They are reflected in the structure of OMPO and OMPO's basic planning work products, including the 3-year TIP and the annual Overall Work Program. The OMPO Comprehensive Agreement conforms to the requirements of TEA-21. The TOP 2025 was also prepared in accordance with the requirements of TEA-21. The procedures for the development of these work products ensure that consideration of the factors is an ongoing process.

3-C Process

OMPO strives to improve and strengthen the cooperative, continuing, and comprehensive (3-C) planning process on Oahu. In order to realize this goal with the TIP document, OMPO distributed the draft TIP project listing to the OMPO CAC, the OMPO Technical Advisory Committee, and everyone on OMPO's mailing list. The draft was also circulated under OMPO's intergovernmental review (refer to Chapter III for a list of agencies/utilities). Comments from all entities were requested. All substantive comments received were given to the OMPO Policy Committee for their consideration when selecting projects for the final TIP project listing.

PROJECT PRIORITIES

Projects are prioritized based upon the feasibility of implementation during the program year and upon project phasing/coordination factors. OMPO and its participating agencies have developed a tool to objectively evaluate projects proposed for the TIP. The tool evaluates each project based on criteria such as project stage and whether the project was identified through the State's or City's appropriate management system. In accordance with OMPO's TIP Procedures (see Appendix D), priority 1 projects are programmed in the first year of the TIP; priority 2 in year two; and priority 3 in year three.

V. ADMINISTRATION OF THE TIP

Upon approval by the OMPO Policy Committee and the Governor or her designee, the TIP is incorporated, without change, as the Oahu element of the STIP. Substantive changes to the Oahu element, which is the TIP, require approval by the OMPO Policy Committee. The following administrative provisions are established in order to ensure timely implementation and oversight of the TIP.

Section A consists of administrative actions that the OMPO Policy Committee has pre-approved. Such amendments shall be provided to the Policy Committee annually for informational purposes. Section B lists the type of administrative actions that require approval by the Policy Committee without prior review by the Technical Advisory Committee or solicitation of public comment. Section C consists of actions that are non-administrative and, therefore, require public involvement, Technical Advisory Committee review, and OMPO Policy Committee approval.

A. PRE-APPROVAL OF CERTAIN ADMINISTRATIVE ACTIONS

The OMPO Policy Committee, by adoption of this document, pre-approves the following administrative actions provided that: (1) they do not reduce the sum of federal funds programmed in the flexible funding categories (i.e., FHWA Surface Transportation Program (STP) Flexible, Congestion Mitigation and Air Quality Improvement Program (CMAQ), and Minimum Guarantee funds) for Oahu or force the addition or deletion of another project, and (2) the affected project's implementing agency concurs with the action.

- A1. The source of federal funds designated for a project may be revised to reflect a different funding program administered by the same U.S. DOT operating agency.
- A2. Federal funding for a project may be changed to local funding.
- A3. The amount programmed for a project may be revised to reflect changes in cost estimates.
- A4. In order to expedite project selection for implementation and ensure timely TIP implementation, projects may be advanced from their programmed year if they are "ready-to-go."
- A5. Projects may be deferred to a later year if they are not "ready-to-go" as originally programmed.

The State and City are requested to provide OMPO with a summary or copy of administrative actions taken with projects in the TIP. A summary of such administrative actions shall be provided to the Policy Committee upon request, but at least annually for informational purposes.

B. EXPEDITED APPROVAL OF CERTAIN ADMINISTRATIVE ACTIONS

Requests for expedited approval of the following administrative actions shall be submitted directly to the Policy Committee without prior review by the Technical Advisory Committee or solicitation of public comment. Following initial consideration, the Policy Committee may refer such requests to appropriate entities for comment and recommendation.

- B1. Changing a project's funding from local to federal funds.
- B2. Changing the scope of a project to accommodate environmental impact mitigation measures.
- B3. Reducing the sum of federal funds programmed in the flexible funding categories (i.e., STP Flexible, CMAQ, and Minimum Guarantee) for Oahu.
- B4. Adding, deleting, or revising:
 - a. Utility installations along or across a transportation facility
 - b. Activities included in the State's *Highway Safety Plan* under 23 USC 402
 - c. Transfer of federal lands pursuant to 23 USC 317 when the subsequent action is not an FHWA action
 - d. Installation of pavement markings and small passenger shelters where no substantial land acquisition or traffic disruption will occur
 - e. Emergency repairs under 23 USC 125
 - f. Determination of payback under 23 CFR part 480 for property previously acquired with federal-aid participation
 - g. Improvements to existing rest areas and truck weigh stations
 - h. Ridesharing activities
 - i. Bus rehabilitation
 - j. Modernization of a highway by resurfacing, rehabilitation, or reconstruction
 - k. Construction of new truck weigh stations or rest areas
 - l. Changes in access controls

- m. Rehabilitation or reconstruction of existing bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users

(The activities and projects listed in B4 are taken from those meeting the criteria for Categorical Exclusions not requiring further National Environmental Policy Act approvals by FHWA. See 23 CFR section 771.117 (c) and (d).)

C. NON-ADMINISTRATIVE ACTIONS

The following actions, in addition to actions that do not fall within those previously listed in sections A and B, must be submitted to the Technical Advisory Committee and the Policy Committee as TIP amendments to be processed in the same manner as the original document as set forth in OMPO's approved TIP Procedures (see Appendix D). Public comment shall also be solicited.

- C1. Deleting a project completely from the TIP.
- C2. Switching from FTA to FHWA funds (and vice versa).
- C3. Significantly modifying a programmed project, including the addition of a phase such as adding a construction phase to a project that was previously programmed only for design.

D. STATUS REPORTS

The TIP is a three-year implementation program of major surface transportation projects and programs on Oahu. It is necessary for the Policy Committee to have periodic status reports of progress toward its implementation in order to monitor and, if needed, revise the program.

The implementing agencies are requested to report to the Policy Committee semi-annually on the status of their federally-assisted projects. A report provided to OMPO in April of each year would cover the period from October of the prior year through March of the current year. A report provided to OMPO in October of each year would cover the period from April through September of the current year. The report should include the projects programmed for the year the reporting period covers. For each project, it should: (1) provide current cost estimates, (2) note whether the project is underway and, (3) for projects that are behind schedule, note the reason(s) therefore.

The State and City are further requested to provide OMPO copies or summaries of those portions of their STIP management reports that relate to the Oahu projects.

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VI. FINANCIAL PLAN

STATE

The financial plan for the State share of matching funds and the portion of federal funds programmed for Oahu projects is addressed in the STIP prepared by the DOT. Statewide revenue projections for the Highway Special Fund are available in the Governor's Executive Program and Budget submitted to the 2003 Legislature. These estimates will be updated and submitted to the 2004 Legislature when it convenes in January 2004.

CITY

(Refer to following pages)

CITY AND COUNTY OF HONOLULU
PROPOSED PROGRAM OF PROJECTS FOR CONSIDERATION IN THE
FISCAL YEARS 2004-2006 TRANSPORTATION IMPROVEMENT PROGRAM

FINANCIAL PLAN

The following summarizes both the federal and local sources of funding identified in the TIP for the City and County of Honolulu's program of projects during Fiscal Years 2004 to 2006.

Federal Sources

Federal funds are programmed from the following U.S. Department of Transportation sources: (1) Federal Transit Administration (FTA) Urbanized Area Formula Program apportionments; (2) FTA Fixed Guideway Modernization apportionments; (3) FTA Bus Capital allocations; (4) Federal Highway Administration (FHWA) Surface Transportation Program; (5) FHWA Congestion Mitigation and Air Quality Program; and (6) FHWA Highway Bridge Replacement and Rehabilitation Program.

The Federal Highway and Transit Laws authorize certain funds to be "flexible". For example, FHWA Surface Transportation Program funds can be transferred from FHWA to FTA for use in transit projects, while FTA Urbanized Area Formula funds may be available for highway projects. The financial plan assumes that FTA Urbanized Area Formula funds will be "flexed" to FHWA.

FTA's Urbanized Area Formula Program, 49 U.S.C. §5307

The City and County of Honolulu (City) is the designated recipient of Urbanized Area Formula (Section 5307) funds apportioned to the Honolulu and Kaneohe urbanized areas. The funds are apportioned based on population, population density, and operating data from FTA's National Transit Database (NTD) Report.

Table 1 presents the financial plan for the Urbanized Area Formula Program. The sources of funds include approximately \$1.5 million in unobligated apportionment carried over from FY 2003 and estimated annual apportionments during the three-year period at the same level as FY 2003.

The uses for the funds include bus and Handi-Van replacements; preventive maintenance; miscellaneous transit enhancement projects; and flexing Section 5307 funds to FHWA for use by the State Department of Transportation for their vanpool program. A total of \$3.12 million is programmed over the triennium to be transferred to FHWA. This amount represents the estimated incremental increase of Section 5307 funds to the City attributable to vanpool operating data from the FYs 2003, 2004, and 2005 NTD reports.

Table 1
Financial Plan for FTA Urbanized Area Formula Program¹

Urbanized Area Formula Funds	FY 2004	FY 2005	FY 2006
Apportionment	\$27,797,000	\$27,797,000	\$27,797,000
Prior year's carryover	1,508,000	248,000	765,000
TOTAL SOURCES	\$29,305,000	\$28,045,000	\$28,562,000
TOTAL USES	(29,057,000)	(27,280,000)	(28,562,000)
Carryover balance	\$248,000	\$765,000	\$0

¹ Includes 1% Transit Enhancement set-aside

The amount of carryover funds may increase as existing grants are closed-out and deobligated funds are made available prior to their lapsing dates.

FTA Fixed Guideway Modernization, 49 U.S.C. §5309(m)(1)(A)

Fixed Guideway Modernization funds are apportioned by a tiered formula to fixed guideway systems at least seven years old. In the City's case, the term "fixed guideways" refers to facilities on which bus service operates on exclusive or controlled rights-of-way (e.g. Hotel Street), and high occupancy vehicle lanes.

The financial plan in Table 2 assumes the apportionments for FYs 2004 to 2006 will be at the same level as in FY 2003. The carry-over amount in FY 2004 consists of \$1.2 million in unobligated apportionments from FYs 2002 and 2003. Replacement bus purchases are the only programmed use for these funds.

Table 2
Financial Plan for FTA Fixed Guideway Modernization Funds

Fixed Guideway Modernization Funds	FY 2004	FY 2005	FY 2006
Apportionment	\$1,148,000	\$1,148,000	\$1,148,000
Prior years' carryover	1,207,000	15,000	123,000
TOTAL SOURCES	\$2,355,000	\$1,163,000	\$1,271,000
TOTAL USES	(2,340,000)	(1,040,000)	(0)
Carryover balance	\$15,000	\$123,000	\$1,271,000

FTA Bus Capital, 49 U.S.C. §5309(m)(1)(C)

Bus Capital funds are discretionary. Table 3 presents the financial plan for Bus Capital funds. Approximately \$1.8 million is assumed as the FY 2004 allocation. This amount is not inconsistent with the \$1.3 million contained in House Report 108-243 (7/30/2003), "Departments of Transportation and Treasury and Independent Agencies Appropriations Bill, 2004". The \$7.8 million assumed as the annual allocation amounts in FYs 2005 and 2006 is the average allocation to Honolulu during FYs 2001 to 2003. The approximately \$13.5 million carryover in FY 2004 represents the unobligated FY 2003 allocation appropriated by Pub. L. 108-7.

Bus Capital funds are programmed for replacement bus and Handi-Van purchases, Middle Street Intermodal Center, Waianae Transit Center, and Wahiawa Transit Center.

Table 3
Financial Plan for FTA Bus Capital Funds

Bus Capital Funds	FY 2004	FY 2005	FY 2006
Allocation	\$1,752,000	\$7,800,000	\$7,800,000
Prior years' carryover	13,526,000	7,870,000	8,991,000
TOTAL SOURCES	\$15,278,000	\$15,670,000	\$16,791,000
TOTAL USES	(7,408,000)	(6,679,000)	(8,629,000)
Carryover balance	\$7,870,000	\$8,991,000	\$8,162,000

FHWA Programs

The City defers to the State of Hawaii Department of Transportation to identify the appropriate FHWA program sources for City projects proposed for FHWA funding.

Local Sources

Where local funding is identified in the FYs 2004-2006 TIP for City projects, City funds from existing revenue sources are programmed. The City exercises independent authority under the Hawaii State Constitution to assess, levy and collect real property taxes. The Hawaii Revised Statutes authorizes the City to fix the fees and charges for all public services not otherwise provided for by the State and to issue general obligation bonds to finance its public improvement projects.

Under its Revised Charter, the City enacts balanced operating and capital budgets annually. The City operates on a 12-month fiscal year that begins on July 1st and ends on June 30th of the succeeding year. Appropriations authorized in the executive capital budget ordinance or any supplementary appropriation is valid for the fiscal year for which appropriation is made and six months thereafter, e.g. funds appropriated by the FY 2003 capital budget ordinance are valid until December 31, 2003 (Federal fiscal year 2004, quarter 1).

Budget Ordinance No. 03-18 (executive capital budget) provides the local funding for most of the projects programmed in FY 2004. While it is anticipated that local funding will be available at the levels programmed in this document, enactment of the City's annual budget ordinances are still required.

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VII. OAHU PROJECT LISTING

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OAHU TRANSPORTATION IMPROVEMENT PROGRAM
FY 2004 THRU FY 2006

PROJECT	PHASE	FY 2004		FY 2005		FY 2006		TEA-21 FUNDING CATEGORY	
		TOTAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	LOCAL (x\$1000)		
OAHU : STATE - FHWA									
S1	Ala Moana Boulevard, Resurfacing and Highway Lighting Improvements, Queen Street to Kalia Road <i>Resurface the existing roadway, and upgrade and replace existing highway lighting.</i>								
	CON					3,200	2,560	640	National Highway System
S2	Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A <i>Replace timber bridges in the vicinity of Makaha Beach Park.</i>								
	ROW	1,300	1,000	300					Bridge On-System
CON						6,700	5,360	1,340	Bridge On-System
S82	Farrington Highway, Bridge Replacement, Maipalaoa Bridge <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>								
	ROW								
DES		2,000	1,600	400	350	280	70		Bridge On-System
S4	Farrington Highway, Intersection Improvements at Haleakala Avenue <i>Improvements include a left-turn lane into Haleakala Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, underground utilities.</i>								
	CON								Bridge On-System
						1,500	1,200	300	STP Optional Safety
S5	Farrington Highway, Intersection Improvements at Nanakuli Avenue <i>Improvements include a left-turn lane into Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, underground utilities.</i>								
	CON								STP Optional Safety
S6	Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue <i>Widen the roadway to four lanes. Improvements include right- and left-turning lanes, sidewalks, bikeways, highway lighting, drainage, traffic signals, and landscaping.</i>								
	ROW				170	100	70		Minimum Guarantee
S7	Fort Weaver Road Widening, Vicinity of Lualaunui Street to Geiger Road <i>Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.</i>								
	CON	18,000	14,400	3,600					Congestion Mitigation and Air Quality

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA-Approved TIP 03-08-12.06

PROJECT	PHASE	FY 2004		FY 2005		FY 2006		TEA-21 FUNDING CATEGORY
		TOTAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	LOCAL (x\$1000)	
S8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway <i>Construct a freeway management system, including intelligent transportation systems (ITS) technologies and interagency coordination to monitor and manage traffic operations.</i>	Phase 1	2,000	400					National Highway System
	CON	1,600	400					
S9 Freeway Service Patrol <i>Deploy freeway service patrols by procuring services to provide minor assistance to motorists (e.g., flat tire repairs, fuel, rides/tows off of the freeway, etc.), and assist emergency response agencies with managing and clearing freeway incidents.</i>								National Highway System
	CON	2,000	400					
S10 Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo to Palalalai Interchanges <i>Improve Makakilo and Palalalai Interchanges and construct a new interchange (Kapolei Interchange).</i>								Interstate Maintenance
	PLN	2,000	400					
S11 Interstate Route H-1, AM Contraflow Lane, Pearl Harbor Interchange to Keeki Interchange, AM Zipper Lane Extension <i>Extend the AM zipper lane from the vicinity of Radford Drive Overpass to Kailihi Stream.</i>								National Highway System
	CON	5,000	1,000					
S12 Interstate Route H-1, Concrete Deck Repair, Airport Viaduct, MP 15 to MP 17 <i>Repair existing roadway.</i>								Interstate Maintenance
	CON					2,500	500	
S14 Interstate Route H-1, Drainage Improvements, Vicinity of Pearl City and Alea <i>Concrete line an existing corrugated metal pipe culvert, filling voids at the invert of the culvert with concrete, and constructing a grouted rubble paving structure at Kalaauo Stream Bridge abutments.</i>								Interstate Maintenance
	CON	1,600	320					
S15 Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street <i>Install and/or upgrade the existing guardrails, end terminals, transitions, bridge railings, bridge endposts, and crash attenuators. Project will also reconstruct and pave road shoulders.</i>								Interstate Maintenance
	CON			4,000	400			
S16 Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue <i>Install and/or upgrade the existing guardrails, end terminals, transitions, bridge railings, bridge endposts, and crash attenuators. Project will also reconstruct and pave road shoulders.</i>								Interstate Maintenance
	CON					4,000	400	
S17 Interstate Route H-1, Guardrail and Shoulder Improvements, Waialeke Bridge to Airport Interchange <i>Install and/or upgrade the existing guardrails, end terminals, transitions, bridge railings, bridge endposts, and crash attenuators. Project will also reconstruct and pave road shoulders.</i>								Interstate Maintenance
	CON			4,300	500	3,600	400	

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA-Approved TIP 03-08-12.06

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S18 Interstate Route H-1, Highway Lighting Improvements, Vicinity of Kaimakani Overpass to Vicinity of Gullick Avenue <i>Upgrade and replace existing highway lighting.</i>	DES	600	540	60							Interstate Maintenance
	CON										
S19 Interstate Route H-1 Improvements, Eastbound, Middle Street to Vineyard Boulevard <i>Construct an additional lane on the H-1 freeway inbound from Middle Street to Vineyard Boulevard.</i>	CON						6,500	5,200	1,300		Interstate Maintenance
S20 Interstate Route H-1, Lunalilo Street On-Off Ramp Improvements <i>Modify the weaving movements between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp (westbound).</i>	DES	1,500	1,350	150			2,000	1,600	400		National Highway System
S21 Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 1 <i>Replace, repair, and/or strengthen the Pearl City Viaduct and Waimalu Viaduct concrete decks and other structural components.</i>	DES	1,500	1,350	150							Interstate Maintenance
	CON						5,540	4,430	1,110		
S22 Interstate Route H-1, Rehabilitation, Kaahumanu Street to Kaimakani Street <i>Resurface existing roadway.</i>	DES	600	455	145							Interstate Maintenance
	CON										
S23 Interstate Route H-1, Seismic Retrofit, Farrington Highway & Makakilo Separation & Military Road Overpass <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	200	160	40							Bridge On-System Bridge On-System
	CON						3,000	2,400	600		
S24 Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES	675	515	160							Bridge On-System Bridge On-System
	CON						740	565	175		
S25 Interstate Route H-1, Seismic Retrofit, Pali Highway Overpass, Ramp & Pali Highway & Nuuanu Avenue Separation <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	675	515	160							Bridge On-System Bridge On-System
	CON						3,100	2,480	620		
S26 Interstate Route H-1, Seismic Retrofit, Waiawa Interchange Structure #1, #2, & #12 <i>Retrofit existing bridges to meet current State seismic criteria.</i>	DES	565	430	135							Bridge On-System Bridge On-System
	CON						2,700	2,160	540		

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S27 Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane <i>Construct an additional lane through the Waiawa Interchange, beginning in the vicinity of the Pearl City Viaduct and ending at the Paiwa Interchange.</i>	DES		2,500	2,000	500						National Highway System
S28 Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements <i>Widen the Waipahu off-ramp from one to two lanes.</i>	DES		3,000	2,400	600						Interstate Maintenance
S29 Interstate Route H-1, Ward Avenue On-Ramp to University Interchange <i>Improve eastbound traffic flow from the Ward Avenue on-ramp to the University interchange.</i>	PLN		1,500	1,250	250						National Highway System
S30 Interstate Route H-1 & H-2, Destination Sign Upgrade/Replacement <i>Replace and/or upgrade the existing destination signs, sign lighting, and sign support structures.</i>	DES	500	400	100							National Highway System
S31 Interstate Route H-1 & H-2, Seismic Retrofit, Waiawa Interchange Structure #1 & #2, and Waiawa Interchange Structure #5 <i>Retrofit abutment and abutment footing, piers, and pier footing, and any hinges in the superstructure.</i>	CON	2,100	1,600	500							Bridge On-System
S32 Interstate Route H-2 Resurfacing, Waipio Interchange, On/Off Ramps and Ka Uka Blvd. <i>Resurface existing roadway.</i>	CON						830	665	165		National Highway System
S33 Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard Interchange <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES	540	415	125							Bridge On-System
S34 James Campbell National Wildlife Refuge <i>To be administered by the U.S. Fish and Wildlife Service.</i>	CON										Bridge On-System
S35 Kalaniana'ole Highway Bikeway, Waimanalo Beach Park to Makapuu <i>Provide a shared roadway with paved shoulder, making available a continuous shoulder for bicycle use.</i>	DES	250	200	50							Public Lands Discretionary
	CON				30	30	0	360	360	0	Public Lands Discretionary
							1,000	800	200		National Highway System

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S36 Kaliana'ole Highway, Bridge Replacement, Inoaole Stream Bridge (Near Bellows Air Force Station, Waimanalo). Replace existing bridge with a larger bridge. Project will include improvements to the roadway approaches, detour road, and utility relocations.	ROW	625	500	125	4,700	3,760	940				National Highway System National Highway System
	CON										
S37 Kaliana'ole Highway Drainage Improvements, Vicinity of Keolu Hills Construct concrete gutters, install grated drop inlets and underground culvert system, and concrete line two culvert crossings.	CON	1,600	1,280	320							National Highway System
S38 Kaliana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park Improvements include the construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocation, and drainage improvements.	DES				625	500	125				National Highway System National Highway System
	ROW							1,150	920	230	
S39 Kaliana'ole Highway Improvements, Retaining Wall at Makapuu Construct and/or repair a retaining wall, including slope protection and/or mitigation.	CON							5,500	4,400	1,100	National Highway System
S40 Kaliana'ole Highway, Intersection Improvements at Hanauma Bay Construction of left-turn lane into Hanauma Bay.	CON				2,000	1,600	400				National Highway System
S41 Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.	CON	2,100	1,680	420							National Highway System
S42 Kamehameha Highway, Bridge Replacement, In-Bound Cane Haul Road Structure, Vicinity of Waipahu Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.	ROW	100	80	20	500	400	100				Bridge On-System
S43 Kamehameha Highway, Bridge Replacement, Out-Bound Cane Haul Road Structure, Vicinity of Waipahu Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.	ROW	100	80	20	500	400	100				Bridge On-System

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA Approved TIP 03-05-12.xls

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S44 Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge (Hauula, in the vicinity of Pipilani Place) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	310	250	60							
	CON							5,700	4,560	1,140	Bridge On-System Bridge On-System
S45 Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge (Hauula, near Sacred Falls State Park) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	100	80	20	600	480	120				Bridge On-System
	CON										
S46 Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge (Kawela, near Kawela Camp Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	150	120	30							
	CON	2,200	1,760	440							Bridge On-System Bridge On-System
S47 Kamehameha Highway, Bridge Replacement, Kokololio Stream Bridge (Hauula, in the vicinity of Kaipau Place) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	100	80	20							
	CON	4,400	3,520	880							Bridge On-System Bridge On-System
S48 Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge (Kaaawa, between Kahana Valley State Park and Trout Farm Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	CON	5,200	4,160	1,040							Bridge On-System
S49 Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge (Kaaawa, near Trout Farm Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	100	80	20							
	CON										Bridge On-System
S50 Kamehameha Highway, Bridge Replacement, South Punaluu Bridge Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	500	400	100	16,000	12,000	4,000				
	CON										Bridge On-System Bridge On-System

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA-Approved TIP 03-05-12.06

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S51 Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge <i>(Vicinity of Helemano Plantation, near Kaukonahua Road) Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate a pedestrian walkway and bridge railings.</i>	DES	2,400	1,920	480	900	720	180				Bridge On-System Bridge On-System
	ROW										
S52 Kamehameha Highway, Bridge Replacement, Waiahole Bridge <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate two 12-foot wide lanes, shoulders, sidewalks and bridge railings.</i>	ROW	640	512	128							Bridge On-System Bridge On-System
	CON	6,055	4,680	1,375							
S53 Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8 <i>Upgrade and replace existing highway lighting.</i>	DES				400	320	80				National Highway System
S54 Kamehameha Highway Improvements, Waipahu Street to Ka Uka Boulevard <i>Improve traffic operations and do other improvements, such as sidewalk, bikeway, highway lighting, drainage along this segment of Kamehameha Highway.</i>	ROW				150	120	30				National Highway System
	DES										
S55 Kamehameha Highway, Rehabilitation of Kawaihoa Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							600	455	145	Bridge On-System
	ROW										
S56 Kamehameha Highway, Rehabilitation of Laieola Stream Bridge <i>(Laie) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES				725	580	145				Bridge On-System Bridge On-System
	ROW										
S57 Kamehameha Highway, Rehabilitation of Makaua Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System
	ROW										
S58 Kamehameha Highway, Rehabilitation of Waikane Stream Bridge <i>Rehabilitate existing bridge by widening and strengthening to meet current State standards.</i>	DES							625	475	150	Bridge On-System
	ROW										

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA Approved TIP 03-05-12.xls

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S59 Kamehameha Highway, Rehabilitation of Waipilo Stream Bridge <i>(Hauula) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES		590	450	140						Bridge On-System Bridge On-System
	ROW						265	210	55		
S60 Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street <i>Resurface existing roadway.</i>	CON						3,800	3,040	760		National Highway System
S61 Kamehameha Highway, Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52 <i>(Kahaluu) Construct various rockfall/slope protection and slope stabilization measures at various locations. Such measures include rock bolts, rock catchment fences, recutting and/or revegetation of slopes.</i>	DES	1,000	800	200							National Highway System
S62 Kamehameha Highway, Traffic Improvements Phase 1 - Hygenic Store to Kaalaea Stream <i>Construct traffic flow improvements including passing and turning lanes, modification of signals, installation of signs, flashers, and other warning devices. Replace Kaalaea Stream Bridge and Haiamoa Stream Bridge with structures that meet current design standards.</i>	DES	4,000	3,200	800							National Highway System
S63 Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond <i>(Helemano-Wailua Junction to Haleiwa Beach Park) Enhance wetlands near Ukoa Pond as mitigation for previous construction impacts and wetland banking for future use.</i>	CON				5,500	4,400	1,100				National Highway System
S64 Kamehameha Highway Widening, Lanikuhana Avenue to Ka Uka Boulevard <i>Widen Kamehameha Highway to a four-lane divided facility with shoulders for bicycles and disabled vehicles.</i>	PLN	1,500	1,200	300							National Highway System
S65 Leeward Bikeway <i>Construct a multi-use path from the vicinity of Waipahu Depot Road to Hakimo Road. Phase I is from the Waipio Point Access Road to the Hawaii Railroad Society Train Station. Phase II is from the Hawaii Railroad Society Train Station to the Luualaei Naval Road.</i>	Phase I						2,800	2,240	560		STP Enhancement
	CON										

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA-Approved TIP 03-08-12.06

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S66 Leeward Community College (LCC) Second Access Improvements <i>Construct a second access to LCC between the West side of the LCC campus to the Waipio Point Access Road.</i>	DES				1,000	0	1,000				Local
	ROW				500	0	500				Local
	CON							3,000	0	3,000	Local
S68 Moanalua Freeway and Interstate H-2 Freeway, Guardrail and Shoulder Improvements <i>Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>	DES				250	200	50				Interstate Maintenance
S69 Moanalua Freeway, Highway Lighting Improvements MP 0 to MP 0.73 and MP 1.12 to MP 4.09 <i>Upgrade and replace existing highway lighting.</i>	DES	100	80	20							Interstate Maintenance
	CON							4,000	3,600	400	Interstate Maintenance
S70 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Puuloa Separation <i>Retrofit current bridge to meet current State seismic criteria.</i>	DES				1,230	985	245				Bridge On-System
S71 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Ramp "A" <i>Retrofit existing bridge to meet current State seismic criteria.</i>	DES							875	700	175	Bridge On-System
S73 Nimitz Highway Resurfacing, Waiakamilo Road to Summer Street <i>Resurface existing roadway.</i>	CON							12,000	9,600	2,400	National Highway System
S74 North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1 <i>Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.</i>	ROW	500	400	100							STP Flexible
	CON				34,000	27,200	6,800	10,000	8,000	2,000	STP Flexible
	CON							13,000	10,400	2,600	STP Flexible
	CON							3,000	2,400	600	Interstate Maintenance
	CON										High Priority
S75 Oahu Mature Pedestrian Safety Program <i>Develop a mature pedestrian safety program to reduce the number of pedestrian injuries and fatalities of Oahu's senior population.</i>	PLN	120	95	25							STP Enhancement

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA Approved TIP 03-05-12.xls

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
S76 Sand Island Tunnel - Kalihi Channel Demolish the existing Sand Island Bridge and construct a new four-lane Sand Island Tunnel beneath the Kalihi Channel.	PLN	2,000	1,600	400							National Highway System
S78 Traffic Signal Modernization at Various Locations Replace existing traffic signal systems along Waiālae Avenue, Nimitz Highway, Farrington Highway, Pal Highway, and Likelike Highway. Provide interconnection of signalized intersections, upgrade existing traffic signal systems, and install closed circuit television for the Freeway Management System.	CON	4,500	3,600	900							Congestion Mitigation and Air Quality
S79 Traffic Signal Retrofit with LED Signal Heads Replace existing incandescent signal heads with LED signal heads.	CON	2,400	1,920	480							Congestion Mitigation and Air Quality
S80 Vanpool Program Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.	OPER	800	800	0	800	800	0	800	800	0	Congestion Mitigation and Air Quality
	OPER	1,040	1,040	0	1,040	1,040	0	1,040	1,040	0	FHWA funds transferred from FTA Sec. 5307 (C17 below)
OAHU : STATE - FHWA TOTAL		86,070	69,062	17,008	93,400	73,845	19,555	111,360	87,825	23,535	

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
CITY & COUNTY OF HONOLULU - FHWA											
C1	Bridge Inspection and Appraisal Program Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs.										
	PLN	300	240	60	350	280	70	350	280	70	Bridge Off-System
	Computerized Traffic Control System Upgrade and expand fiberoptic lines, CCTV cameras, data collection, and signal control in urban center and outlying areas for connectivity to the Traffic Control Center.										
C2	DES	200	160	40	200	160	40	200	160	40	STP Flexible
	CON	2,000	1,600	400	1,400	1,000	400	1,400	1,000	400	STP Flexible
	Honolulu Traffic Control Center Operations Operate and maintain the Traffic Control Center. Includes labor, utilities, equipment, management, and administrative costs.										
C4	OPER	300	240	60	300	240	60	300	240	60	Congestion Mitigation and Air Quality
	Kamehameha Highway Bridge Over Anahulu Stream (Anahulu Bridge) (Haleiwa) Construct and inspect bridge/culvert improvements at the Anahulu Bridge.										
C18	CON	2,400	0	2,400							Local
	Kamokila Boulevard Extension Plan, design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.										
C19	PLN	50	40	10							STP Flexible
	DES	200	160	40							STP Flexible
	CON	1,000	0	1,000	1,000	500	500	1,000	500	500	STP Flexible
Kapolei Parkway, Unit 1 Plan, design and construct Kapolei Parkway between Renton Road and the City/State property line at the western boundary of Ewa Villages.											
C21	PLN				350	250	100				STP Flexible
	DES				450	250	200				STP Flexible
	CON							3,600	2,000	1,600	STP Flexible
Kapolei Parkway, Unit 2 Prepare appropriate environmental documentation on extension of Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road.											
PLN				500	0	500					Local

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA Approved TIP 03-05-12.xls

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
C22 Kapolei Parkway, Unit 3 <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Alinui Drive to Kaleoia Boulevard.</i>	PLN							500	0	500	Local
C5 Preventive Maintenance of Various City Streets <i>Preventive maintenance / pavement preservation (cold planing and resurfacing) of various City streets.</i>	CON				3,000	2,000	1,000	3,000	2,000	1,000	STP Flexible
C20 Rehabilitation of Streets, Unit 5A <i>Construct concrete bus lanes and rehabilitate Beretania Street, between King and Alapai Streets.</i>	CON	6,500	5,200	1,300							STP Flexible
C10 Rehabilitation of Streets, Unit 9, Phase I <i>Rehabilitate Kapiolani Boulevard (Kalakaua Avenue to Ward Avenue) and Atkinson Drive.</i>	CON				11,000	9,000	2,000	12,000	10,000	2,000	STP Flexible
C6 Salt Lake Boulevard, Halawa Stream Bridge Rehabilitation <i>Improve the shear capacity of the existing bridge girders to carry legal highway loads. Seal cracks and correct other bridge deficiencies.</i>	CON				750	600	150				Bridge Off-System
C7 Salt Lake Boulevard Widening, Phase 2B <i>Complete Salt Lake Boulevard Widening project, from Maluna Street to Ala Liliko'i Street.</i>	DES	1,500	0	1,500							Local
	CON				3,000	2,000	1,000				STP Flexible
C8 Seismic Bridge Retrofit, Various County Bridges <i>Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit, prepare plans and specifications for construction incorporating the retrofit measures.</i>	DES	350	0	350	350	280	70	350	280	70	Bridge Off-System
	CON				600	480	120				Bridge Off-System
C9 Traffic Signals at Various Intersections <i>Install and upgrade traffic signals islandwide, including ADA improvements, signs, and markings. Upgrades existing intersections to include left-turn phases and signal coordination.</i>	DES	200	160	40	200	160	40	200	160	40	STP Flexible
	CON	800	640	160	2,000	1,600	400	2,000	1,600	400	STP Flexible
C&C OF HONOLULU - FHWA TOTAL		15,800	8,440	7,360	25,450	18,800	6,650	23,900	17,720	6,180	

PLN-Planning, ROW-Rights-of-Way, DES-Design, CON-Construction, EQP-Equipment, RELOC-Relocation, OPER-Operations

AA-Approved TIP 03-08-12.06

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
OAHU : STATE - FTA											
S81 Ferry Boat Acquisition											
	<i>Design and engineering for acquisition of four replacement ferry vessels . Develop design specifications, and acquire and test ferry boats to provide passenger ferry transportation services for the USS Arizona Memorial. This effort will investigate fuel cell and related "clean" transportation technologies.</i>										
	DES/EQP	6,250	5,000	1,250							Section 5309 New Starts
OAHU : STATE - FTA TOTAL		6,250	5,000	1,250	0	0	0	0	0	0	

S81

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
CITY & COUNTY OF HONOLULU - FTA											
C11 Bus and Handi-Van Acquisition Program											
<i>Purchase replacement buses and paratransit buses.</i>											
<i>FY 2004 = 45 buses (40-foot) + 18 paratransit buses (<30-foot).</i>											
<i>FY 2005 = 44 buses (40-foot) + 12 paratransit buses (<30-foot).</i>											
<i>FY 2006 = 70 buses (40-foot) + 6 paratransit buses (<30-foot).</i>											
	EQP	7,886	6,309	1,577	6,175	4,940	1,235	7,150	5,702	1,448	Section 5307
	EQP				7,749	6,199	1,550	5,337	4,270	1,067	Section 5309 Bus Capital
	EQP	2,925	2,340	585	1,300	1,040	260				Sec 5309 Fixed Guideway Modernization
	EQP	5,264	0	5,264				10,725	0	10,725	Local
C13 Middle Street Intermodal Center											
<i>Develop a multi-use facility at Middle Street to include Handi-Van, regional transit center, parking, and amenities. Site to include building structures to house various Handi-Van systems administration, operations functions, and dispatch.</i>											
	DES	20	0	20							Local
	DES				600	480	120				Section 5309 Bus Capital
	CON	13,549	4,670	8,879				5,449	4,359	1,090	Section 5309 Bus Capital
	CON							651	521	130	Sec. 5307 (TE)
	RELOC	1	0	1							Local
C16 Preventive Maintenance											
<i>Capital assistance for bus maintenance costs.</i>											
	OPER	26,625	21,300	5,325	26,625	21,300	5,325	26,625	21,300	5,325	Section 5307 Urbanized Area Formula
C17 Transfer to FHWA for Vanpool											
<i>FTA section 5307 funds to be transferred to FHWA for Hawaii DOT's vanpool program. These transfer amounts represent the estimated incremental increase in Section 5307 funds apportioned to the City and County of Honolulu attributed to vanpool operating information submitted to the Federal Transit Administration's National Transit Database.</i>											
	OPER	1,040	1,040	0	1,040	1,040	0	1,040	1,040	0	Section 5307 Urbanized Area Formula
C14 Wahiawa Transit Center											
<i>Construct a transit center in Wahiawa on the corner of California Avenue and North Cane Street.</i>											
	ROW	727	0	727							Local
	CON	1,740	1,392	348							Section 5309 Bus Capital
	CON	260	208	52							Sec. 5307 (TE)

PROJECT	PHASE	FY 2004			FY 2005			FY 2006			TEA-21 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)	
C15 Waianae Transit Center <i>Construct a transit center in Waianae on Leihoku Street, mauka of Farrington Highway.</i>	ROW	775	0	775							Local Section 5309 Bus Capital Sec. 5307 (TE)
	CON	1,750	1,347	403							
	CON	250	200	50							
	C&C OF HONOLULU - FTA TOTAL	62,812	38,806	24,006	43,489	34,999	8,490	56,977	37,192	19,785	

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APPENDIX A

TIP Recommendations as Adopted by the OMPO CAC On April 16, 2003

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Citizen Advisory Committee Recommendations to the Fiscal Years 2004-2006 Transportation Improvement Program

*Transmitted to the State Department of Transportation and the City Department of
Transportation Services on April 22, 2003*

Background

In November 2002, the Oahu Metropolitan Planning Organization (OMPO) Citizen Advisory Committee (CAC) formed a CAC Transportation Improvement Program (TIP) Subcommittee. The purpose of the subcommittee was to draft an initial priority listing of projects and recommend that the CAC recommend to the Policy Committee that these projects be included in the Fiscal Years (FYs) 2004-2006 TIP. A call for priority projects was given to CAC members on January 3, 2003. The subcommittee met frequently between February and March 2003, establishing criteria and evaluating CAC member subcommittee projects.

The subcommittee members included:

Aiea Neighborhood Board (NB) #20	James Naylor
Aliamanu-Salt Lake-Foster Village NB #18	Howard Shima
American Society of Civil Engineers	John Sato
Ewa NB #23	Tesha Malama
Hawaii Bicycling League	John Goody
Honolulu Community Action Program	Robert Naniolo
Kalaeloa Community Association	CC Curry
Land Use Research Foundation	Dan Davidson
Makakilo-Kapolei-Honokai Hale NB #34	Mike Golojuch
Makiki-Lower Punchbowl-Tantalus NB #10	Charles Carole
The Pacific Resource Partnership	James Pacopac
The Sierra Club Hawaii Chapter	Marilyn Gates
Waianae Coast NB #24	James Manaku, Sr./Terry L. Morris

The subcommittee established criteria for project selection and prioritization that included:

- Implementation Feasibility – includes project feasibility/quality, interagency coordination, and financial feasibility
- Maintenance/Repair
- Title VI – includes safety/health, accessibility/ADA requirements, economic development, social impact, and crime
- Provides Transportation Choices – includes intermodal choices
- Transportation Efficiency – includes congestion
- Interface with Overall Transportation Plan – includes compatibility
- Quality of Life – includes impacts

The projects were discussed and evaluated using the established criteria and a draft list of project recommendations was developed.

The draft list of project recommendations was brought before the CAC at its April 16, 2003 meeting and the CAC voted to approve the following recommendations:

Recommendation No. 1

The subcommittee acknowledges the importance of the projects in the current TIP. With regards to communities or groups that are not represented on the CAC, the Subcommittee recommends that the agencies follow through with the commitments made on the existing FYs 2002-2004 TIP (attached).

Recommendation No. 2

The following projects currently in the FYs 2002-2004 TIP are priority projects for the CAC and recommended to be expedited. The following priority projects are listed alphabetically (*description in italics*) and not by ranking:

1. Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue
Widening Fort Barrette Road from two to four lanes (S72 in FYs 2002-2004 TIP).
2. Fort Weaver Road Widening, Farrington Highway to Geiger Road
Widen Fort Weaver Road from four lanes to six lanes from Farrington Highway to Geiger Road. Traffic signal will be synchronized (S7 in FYs 2002-2004 TIP).
3. Interstate Route H-1, Addition and Modification of Highway Accesses, Makakilo to Palailai Interchanges
Improve Makakilo and Palailai Interchanges and construct a new interchange (Kapolei Interchange) to improve access to the City of Kapolei, Villages of Kapolei, Kapolei Business Park, Makakilo, Ko Olina, and Kalaeloa (S73 in FYs 2002-2004 TIP).
4. Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station
Upgrade and/or reconstruct/rehabilitate the existing roadway, drainage systems, and other facilities to current standards on Enterprise Road, Roosevelt Road, Coral Sea Road, and West Perimeter Road. Project will include future North/South Road connector right-of-way and realignment of Coral Sea Road to Independence Road (S33 in FYs 2002-2004 TIP).
5. Kamehameha Highway Bikeway, Vicinity of Radford Drive to Arizona Memorial
Construct a bike lane on Kamehameha Highway, from Radford Drive area to the Arizona Memorial. Includes drainage improvements, markings, signing, and ADA improvements (S40 on FYs 2002-2004 TIP).
6. Kapolei Parkway
Construct a new road from Aliinui Drive to Fort Barrette Road and from Kapolei Middle to North-South Road (C30 and C31 in FYs 2002-2004 TIP).

7. **Leeward Bikeway, Phase I, Waipio Point Access Road to Railroad Society Train Station**
Construct a 10-foot wide multi-use path along the old Oahu Railway and Land Company's right-of-way. Project will include drainage structures, crossing structures, and retaining walls. After all phases are completed, the existing bikepaths will be connected into a continuous route serving the Pearl Harbor area to Lualualei (S57 in FYs 2002-2004 TIP).
8. **North/South Road, Phases I and II**
Construct a new multi-lane arterial from Farrington Highway to Interstate Route H-1, and an interchange at the H-1 Freeway. Phase I includes Kapolei Parkway to Farrington Highway. Phase II includes Farrington Highway to H-1 (S64 in FYs 2002-2004 TIP).
9. **Salt Lake Boulevard Widening, Phase 3**
Widen Roadway to a four-lane facility with a raised landscaped median, bike lanes, a parking lane, and sidewalks between Maluna Street and Ala Liliko'i Street (C7 in FYs 2002-2004 TIP).
10. **Vanpool Program**
Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with State-subsidized van.

Recommendation No. 3

The following new projects are recommended to be included in the FYs 2004-2006 TIP. The projects are listed alphabetically (*description in italics*) and not by ranking:

1. **Farrington Highway, Kapolei Golf Course to Kunia Road**
Widen Farrington Highway from two lanes to four lanes from Kapolei Golf Course to Kunia Road.
2. **Kalaeloa Boulevard Improvements**
Upgrade and/or reconstruct/rehabilitate the existing Kalaeloa Boulevard from Palailai Interchange to Malakole Road to current City standards including replacing the existing asphalt road surface with a new concrete road surface.
3. **Kapolei Parkway from Renton Road to Kapolei Intermediate**
Construct a new road from Renton Road to the bridge adjacent to Kapolei Intermediate School. This road will provide an alternate route for Ewa and Kapolei residents without using Fort Weaver Road.
4. **Karayan to Aawa Drive Connector Road**
Construct a connector road from Karayan behind Child and Family Services to Aawa Drive under Fort Weaver Road. This will provide for a grade separated crossing for Fort Weaver Road.
5. **Kipapa Gulch Old Kamehameha Highway Bicycle and Pedestrian Bypass (Kipapa Gulch Bikeway)**
Improve the surface of Old Kamehameha Highway through Kipapa Gulch for bicycles and pedestrians. This will provide a safer route for cyclists and pedestrians connecting Mililani with Waipio Gentry and the Central Oahu Regional Park.
6. **Makakilo Drive Extension to H-1 (second access)**
Construct a new roadway connecting the end of Makakilo Drive to the proposed North/South Road Interchange. This is part of the overall Ewa Regional Transportation Plan and will help alleviate the transportation problems affecting Makakilo.

7. **Old Fort Weaver Road to Karayan Connector Road**
Construct a new connector road from Karayan behind Child and Family Services to the Old Fort Weaver Road. This will provide an alternate route for Fort Weaver Road for Ewa Villages residents.

8. **Roosevelt Avenue to Kamokila Boulevard Connector Road**
Construct a new connector road from the end of Roosevelt Avenue to Kamokila Boulevard. This road will provide an alternative route for Ewa and Waianae Coast residents without having to go through Kapolei town.

9. **Waianae Coast “Mauka” Highway**
Construct a new roadway from Makaha to Kunia Road crossing over the Waianae Range. This project will provide an alternate route for the Waianae Coast.

APPENDIX B

**City Council Resolution No. 03-209, CD1, FD1
Adopted on August 6, 2003**

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RECEIVED

AUG - 8 2003

No. 03-209, CD1, FD1

OMPO
RESOLUTION

APPROVING THE CITY AND COUNTY OF HONOLULU'S LIST OF CANDIDATE PROJECTS FOR CONSIDERATION IN THE FISCAL YEARS 2004-2006 TRANSPORTATION IMPROVEMENT PROGRAM.

WHEREAS, Part 450 of Title 23, Code of Federal Regulations (CFR), and Part 613 of Title 49 CFR, set forth regulations governing the development of a transportation improvement program (TIP) by a metropolitan planning organization (MPO), and regulations governing eligibility for federal highway and transit funds; and

WHEREAS, Section 4-2.2 of the Revised Ordinances of Honolulu 1990, as amended, requires that all projects for which assistance is desired under any federal act, program or regulations involving or affecting the Oahu Metropolitan Planning Organization (OMPO) shall be initiated by submission of the proposed project to the City Council for its prior approval; and

WHEREAS, Section 4-2.2 of the Revised Ordinances of Honolulu 1990, as amended, authorizes the Director of Transportation Services to forward the proposed projects approved by the City Council to OMPO for appropriate review and action; and

WHEREAS, by its adoption of Resolution No. 01-215, CD-1, on September 11, 2001, the Council of the City and County of Honolulu approved the City's input to the Fiscal Years (FYs) 2002-2004 TIP to the OMPO; and

WHEREAS, the federal regulations require that the TIP be updated at least every two years and be approved by the MPO and the governor; and

WHEREAS, the Department of Transportation Services, in cooperation with other executive agencies, has developed a list of candidate projects for consideration in the FYs 2004-2006 TIP; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that the list of candidate projects identified in Exhibit 1A to this Resolution is hereby approved; and

BE IT FURTHER RESOLVED that the Director of Transportation Services may make minor or editing changes, provided that no substantive additions or deletions are made; and

OCS00507.R03

TRANS



RESOLUTION

BE IT FINALLY RESOLVED that the Clerk is directed to transmit certified copies of this Resolution to the Director, Department of Transportation Services; the Director, Department of Design and Construction; and Mr. Gordon G. W. Lum, Executive Director, Oahu Metropolitan Planning Organization, Ocean View Center, Suite 200, 707 Richards Street, Honolulu, Hawaii 96813.

INTRODUCED BY:

Nestor Garcia (BR)

Councilmembers

DATE OF INTRODUCTION:

July 18, 2003
Honolulu, Hawaii

(OCS/080503/mg)

CITY AND COUNTY OF HONOLULU
PROJECTS FOR CONSIDERATION IN THE FYS 2004-2006 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT	Work Phase	FY 2004			FY 2005			FY 2006			FEDERAL FUNDING CATEGORY
		Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	
Bridge Inspection and Appraisal Inventory, inspect, and appraise City bridges, and prepare plans for bridge repairs.	PLN	\$ 300	\$ 240	\$ 60	\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	FHWA HBRR
	TOTAL	\$ 300	\$ 240	\$ 60	\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	
Computerized Traffic Control System Upgrade and expand fiberoptic lines, CCTV cameras, data collection, and signal control for connectivity to the Traffic Control Center.	DES	\$ 200	\$ 160	\$ 40	\$ 200	\$ 160	\$ 40	\$ 200	\$ 160	\$ 40	FHWA STP
	CON	\$ 2,000	\$ 1,600	\$ 400	\$ 2,000	\$ 1,600	\$ 400	\$ 2,000	\$ 1,600	\$ 400	
TOTAL		\$ 2,200	\$ 1,760	\$ 440	\$ 2,200	\$ 1,760	\$ 440	\$ 2,200	\$ 1,760	\$ 440	
Honolulu Traffic Control Center Operations Operate and maintain the Traffic Control Center, including labor, utilities, equipment, and administrative costs.	OP	\$ 300	\$ 240	\$ 60	\$ 300	\$ 240	\$ 60	\$ 300	\$ 240	\$ 60	FHWA CMAQ
	TOTAL	\$ 300	\$ 240	\$ 60	\$ 300	\$ 240	\$ 60	\$ 300	\$ 240	\$ 60	
Kamehameha Hwy. Bridge Over Anahulu Stream (Anahulu Bridge) Construct and inspect bridge/culvert improvements at the Anahulu Bridge in Haleiwa, Oahu.	CON	\$ 2,400	\$ -	\$ 2,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FHWA HBRR
	TOTAL	\$ 2,400	\$ -	\$ 2,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Kamokila Boulevard Extension Plan, design and construct an extension of Kamokila Boulevard to Franklin D. Roosevelt Avenue in Kapolei.	PLN	\$ 50	\$ 40	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FHWA STP
	DES	\$ 200	\$ 160	\$ 40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CON	\$ 1,000	\$ -	\$ 1,000	\$ 2,000	\$ 1,600	\$ 400	\$ 400	\$ 2,000	\$ 1,600	\$ 400	
TOTAL		\$ 1,250	\$ 200	\$ 1,050	\$ 2,000	\$ 1,600	\$ 400	\$ 2,000	\$ 1,600	\$ 400	
Kapolei Parkway, Unit 1 Plan, design and construct Kapolei Parkway between Renton Road and the City/State property line at the western boundary of Ewa Villages.	PLN	\$ -	\$ -	\$ -	\$ 400	\$ 320	\$ 80	\$ -	\$ -	\$ -	FHWA STP
	DES	\$ -	\$ -	\$ -	\$ 1,000	\$ 800	\$ 200	\$ -	\$ -	\$ -	
CON	\$ -	\$ -	\$ -	\$ 1,400	\$ 1,120	\$ 280	\$ 8,000	\$ 6,400	\$ 1,600	\$ 1,600	
TOTAL		\$ -	\$ -	\$ -	\$ 1,400	\$ 1,120	\$ 280	\$ 8,000	\$ 6,400	\$ 1,600	
Kapolei Parkway, Unit 2 Prepare appropriate environmental documentation on extension of Kapolei Parkway from Kamokila Blvd. to Fl Barrette Rd	PLN	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ 500	\$ -	\$ -	\$ -	n/a, 100% local
	TOTAL	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ 500	\$ -	\$ -	\$ -	
Kapolei Parkway, Unit 3 Prepare appropriate environmental documentation on extension of Kapolei Parkway from Alimua Drive to Kalaeloa Blvd.	PLN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ 500	n/a, 100% local
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ 500	

PROJECT	Work Phase	FY 2004			FY 2005			FY 2006			FEDERAL FUNDING CATEGORY
		Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	
Preventive Maintenance of Various City Streets Preventive maintenance/pavement preservation (cold planing and resurfacing) of various city streets.	CON	\$ -	\$ -	\$ -	\$ 9,000	\$ 7,200	\$ 1,800	\$ 10,000	\$ 8,000	\$ 2,000	FHWA STP
TOTAL		\$ -	\$ -	\$ -	\$ 9,000	\$ 7,200	\$ 1,800	\$ 10,000	\$ 8,000	\$ 2,000	
Rehabilitation of Streets, Unit 5A Construct concrete bus lanes and rehabilitate Beretania Street, between King and Alapai Streets.	CON	\$ 6,500	\$ 5,200	\$ 1,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FHWA STP
TOTAL		\$ 6,500	\$ 5,200	\$ 1,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Rehabilitation of Streets, Unit 9, Phase 1 Rehabilitate Kapiolani Boulevard (Kalakaua Ave. to Ward Ave.) and Atkinson Drive.	CON	\$ -	\$ -	\$ -	\$ 24,500	\$ 19,600	\$ 4,900	\$ -	\$ -	\$ -	FHWA STP
TOTAL		\$ -	\$ -	\$ -	\$ 24,500	\$ 19,600	\$ 4,900	\$ -	\$ -	\$ -	
Salt Lake Boulevard: Halawa Stream Rehabilitation Improve the shear capacity of the existing bridge girders; patch spalls, seal cracks, and correct other bridge deficiencies.	CON	\$ -	\$ -	\$ -	\$ 750	\$ 600	\$ 150	\$ -	\$ -	\$ -	FHWA HBRR
TOTAL		\$ -	\$ -	\$ -	\$ 750	\$ 600	\$ 150	\$ -	\$ -	\$ -	
Salt Lake Boulevard Widening Complete Salt Lake Boulevard widening project, from Maluna Street to Ala Liliiko'i Street.	DES CON	\$ 1,500 \$ -	\$ - \$ -	\$ 1,500 \$ -	\$ - \$ 15,000	\$ - \$ 12,000	\$ - \$ 3,000	\$ - \$ -	\$ - \$ -	\$ - \$ -	FHWA STP
TOTAL		\$ 1,500	\$ -	\$ 1,500	\$ 15,000	\$ 12,000	\$ 3,000	\$ -	\$ -	\$ -	
Seismic Bridge Retrofit Conduct site inspections and seismic evaluations, and construct retrofit measures.	DES CON	\$ 350 \$ -	\$ - \$ -	\$ 350 \$ -	\$ 350 \$ 600	\$ 280 \$ 480	\$ 70 \$ 120	\$ 350 \$ -	\$ 280 \$ -	\$ 70 \$ -	FHWA HBRR
TOTAL		\$ 350	\$ -	\$ 350	\$ 950	\$ 760	\$ 190	\$ 350	\$ 280	\$ 70	
Traffic Signals at Various Locations Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.	DES CON	\$ 200 \$ 800	\$ 160 \$ 640	\$ 40 \$ 160	\$ 200 \$ 2,000	\$ 160 \$ 1,600	\$ 40 \$ 400	\$ 200 \$ 2,000	\$ 160 \$ 1,600	\$ 40 \$ 400	FHWA STI
TOTAL		\$ 1,000	\$ 800	\$ 200	\$ 2,200	\$ 1,760	\$ 440	\$ 2,200	\$ 1,760	\$ 440	
SUBTOTAL: FHWA-FUNDED PROJECTS		\$ 15,800	\$ 8,440	\$ 7,360	\$ 59,150	\$ 46,920	\$ 12,230	\$ 23,900	\$ 18,720	\$ 5,180	
Bus & Handi-Van Acquisition Replace buses and Handi-vans after reaching their useful service lives. (R = Replacement, HVs = Handi-Vans)	EQUIP	\$ 7,886	\$ 6,309	\$ 1,577	\$ 6,175	\$ 4,940	\$ 1,235	\$ 7,150	\$ 5,702	\$ 1,448	FTA \$ 5307
		\$ 2,925	\$ 2,340	\$ 585	\$ 1,300	\$ 1,040	\$ 260	\$ -	\$ -	\$ -	FTA \$ 5309 (FGM)
		\$ -	\$ -	\$ -	\$ 21,400	\$ 12,400	\$ 9,000	\$ 15,400	\$ 6,300	\$ 9,100	FTA \$ 5309 (Bus Cap)
		\$ 5,264	\$ -	\$ 5,264	\$ -	\$ -	\$ -	\$ 10,725	\$ -	\$ 10,725	n/a; 100% local
TOTAL		\$ 16,075	\$ 8,649	\$ 7,426	\$ 15,224	\$ 12,179	\$ 3,045	\$ 23,212	\$ 9,972	\$ 13,240	

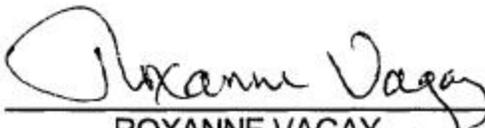
PROJECT	Work Phase	FY 2004			FY 2005			FY 2006			FEDERAL FUNDING CATEGORY
		Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	
Middle Street Intermodal Center Develop multi-use facility at Middle Street to include handi-van, regional transit center, parking and amenities.	DES	\$ 20	\$ -	\$ 20	\$ 600	\$ 480	\$ 120	\$ 5,449	\$ 4,359	\$ 1,090	n/a; 100% local
	DES	\$ 13,549	\$ 4,670	\$ 8,879	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5309 (Bus Cap)
	CON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 651	\$ 521	\$ 130	FTA \$ 5309 (Bus Cap)
	CON	\$ 1	\$ -	\$ 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5307 (TE)
	RELOC	\$ 13,570	\$ 4,670	\$ 8,900	\$ 600	\$ 480	\$ 120	\$ 6,100	\$ 4,880	\$ 1,220	n/a; 100% local
TOTAL		\$ 26,625	\$ 21,300	\$ 5,325	\$ 26,625	\$ 21,300	\$ 5,325	\$ 26,625	\$ 21,300	\$ 5,325	FTA \$ 5307
Preventive Maintenance Capital assistance for eligible transit maintenance costs.	OP	\$ 1,040	\$ 1,040	\$ -	\$ 1,040	\$ 1,040	\$ -	\$ 1,040	\$ 1,040	\$ -	FTA \$ 5307
Transfer to FHWA for Vanpool FTA funds to be transferred to FHWA for Hawaii DOT's vanpool program.											
Waianae Transit Center Construct a transit center in Waianae on Leihoku Street, mauka of Farrington Highway.	ROW	\$ 775	\$ -	\$ 775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	n/a; 100% local
	CON	\$ 1,750	\$ 1,347	\$ 403	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5309 (Bus Cap)
	CON	\$ 250	\$ 200	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5307 (TE)
	CON	\$ 2,775	\$ 1,547	\$ 1,228	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 727	\$ -	\$ 727	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	n/a; 100% local
Wahiawa Transit Center Construct a transit center in Wahiawa on the corner of California Ave. and North Kane Ave.	ROW	\$ 1,740	\$ 1,392	\$ 348	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5309 (Bus Cap)
	CON	\$ 260	\$ 208	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FTA \$ 5307 (TE)
	CON	\$ 2,727	\$ 1,600	\$ 1,127	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 62,812	\$ 38,805	\$ 24,006	\$ 43,489	\$ 34,999	\$ 8,490	\$ 56,977	\$ 37,192	\$ 19,785		
SUBTOTAL: FTA-FUNDED PROJECTS		\$ 78,612	\$ 47,245	\$ 31,366	\$ 102,639	\$ 81,919	\$ 20,720	\$ 80,877	\$ 55,912	\$ 24,965	
GRAND TOTAL											

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
CERTIFICATE

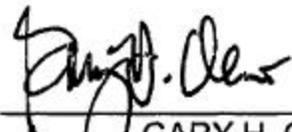
RESOLUTION 03-209, CD1, FD1

DATE ADOPTED			
August 6, 2003			
COUNCILMEMBER	AYE	NO	A/E
CACHOLA	X		
DELA CRUZ	X		
DJOU	X		
GABBARD	X		
GARCIA	X		
KOBAYASHI	X		
MARSHALL	X		
OKINO	X		
TAM	X		
	9	0	0

I hereby certify that this RESOLUTION was adopted by the COUNCIL OF THE CITY AND COUNTY OF HONOLULU on the date and by the vote indicated.



 ROXANNE VAGAY
 ACTING CITY CLERK



 GARY H. OKINO
 CHAIR AND PRESIDING OFFICER

INTRODUCTION DATE: July 16, 2003
 INTRODUCED BY: Nestor Garcia/BR
 REFERENCE:

APPENDIX C

Goals and Objectives of the TOP 2025

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**Table 1-1
Goals and Objectives for the Transportation for Oahu Plan 2025**

TRANSPORTATION SERVICES – System Goal:

Develop and maintain Oahu's Island-wide transportation system to ensure efficient, safe, convenient, and economical movement of people and goods.

Objectives:

- #1: Increase peak period person-carrying capacities on Oahu's transportation network.
- #2: Provide convenient and cost-effective transit service to Oahu transit riders.
- #3: Plan, design, construct, and operate highway and transit facilities and service to communities on Oahu in a cost effective manner.
- #4: Encourage the availability of adequate public and private services between Waikiki, the airport, and other tourist destinations.
- #5: Promote intermodal efficiency of harbor terminal facilities, airport terminal facilities, and land transportation systems.
- #6: Ensure that no person shall, on the grounds of race, color, sex, national origin, age, physical handicap, or economic status, be excluded from reasonable access to transportation services, as provided for by Federal, State, and local legislation.
- #7: Ensure user and community safety in the physical design and operation of transportation facilities.
- #8: Ensure that Oahu's transportation system is planned, designed, constructed, and operated in an integrated and cost-effective manner.
- #9: Enhance the performance of Oahu's transportation system through the use of operation management strategies, such as Intelligent Transportation System (ITS), Transportation System Management (TSM), and Transportation Demand Management (TDM).
- #10: Enhance the integration and connectivity of the regional transportation system, across and between alternative modes.
- #11: Promote planning, design, and construction of transportation facilities and systems to support economic development for Oahu's business community.
- #12: Provide major rehabilitation/renewal/modernization of facilities in sufficient magnitude to ensure continued effective operation.

QUALITY OF LIFE – System Goal:

Develop and maintain Oahu's transportation system in a manner which maintains environmental quality and community cohesiveness.

Objectives:

- #13: Develop and maintain Oahu's transportation system to meet noise, air, and water quality standards set by Federal, State and local agencies.
- #14: Preserve Oahu's cultural integrity, sensitive natural resources, including beaches, and scenic beauty, including sea and mountain vistas.
- #15: Develop and maintain "low-energy" transportation facilities, including bikeways, walkways, and other energy efficient elements which can be safely integrated with other transport modes.
- #16: Encourage energy conservation in transportation.
- #17: Minimize disruption of existing neighborhoods due to transportation system construction.
- #18: Ensure that transportation facility design and maintenance are compatible with the existing and planned physical and social character of new and existing developments.
- #19: Maintain and upgrade the existing and future transportation system in a manner that is aesthetically pleasing, including incorporation of landscaping and tree planting.
- #20: Develop transportation contingency plans for energy shortages, natural and manmade disasters, and other emergencies that would impact the transportation system.
- #21: Planning for transportation facilities in Waikiki should reflect the Pedestrian First Policy as adopted by the Joint Waikiki Task Force in 1999.

COMMUNITY RESPONSIBILITY – System Goal:

Develop and maintain Oahu's transportation system in a manner that is sensitive to community needs and desires.

Objectives:

- #22: Maintain and develop the transportation system to reinforce Oahu's planned population distribution and land use development policies through coordinated efforts of the public and private sectors, including the Sustainable Community Plan (SCP) planning efforts.
- #23: Encourage innovation in planning, design, and maintenance of transportation services and facilities that supports community goals.
- #24: Base transportation improvements for Oahu on a cooperative, comprehensive, and continuing planning process with emphasis on community involvement.

DEMAND MANAGEMENT – System Goal:

Develop a travel demand management system for Oahu which optimizes use of transportation resources.

Objectives:

- #25: Encourage increases in system-wide ride-sharing on Oahu.
- #26: Maximize the efficient use of the transportation system.
- #27: Encourage programs that reduce use in single occupancy vehicle travel and vehicle miles traveled.

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APPENDIX D

Oahu Transportation Improvement Program (TIP) Procedures

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**OAHU TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
PROCEDURES**

OCTOBER 25, 1999

Prepared by the Oahu Metropolitan Planning Organization
in cooperation with its participating agencies.
City Department of Planning and Permitting
City Department of Transportation Services
State Department of Transportation
State Department of Business, Economic Development, and Tourism

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OVERVIEW

The Transportation Equity Act for the 21st Century (TEA-21) establishes transportation planning requirements for state and local jurisdictions. In order to be eligible for federal transportation funds, communities must comply with these federal provisions.

The TIP is a short-term implementation program for Oahu's transportation programs and projects. Projects in the TIP must be consistent with the Oahu Regional Transportation Plan. Both the TIP and the Regional Plan must include a financing plan and take into consideration the following factors:

1. Support the economic vitality of the United States, the States, and metropolitan areas;
2. Increase the safety and security of the transportation system for motorized and nonmotorized users;
3. Increase the accessibility and mobility options available to people and for freight;
4. Protect and enhance the environment, promote energy conservation, and improve the quality of life;
5. Enhance the integration and connectivity of the transportation system, across and between modes throughout the State, for people and freight;
6. Promote efficient system management and operation; and
7. Emphasize the preservation of the existing transportation system.

SPECIFIC TIP REQUIREMENTS

TEA-21 requires that OMPO, in cooperation with the State and affected transit operator(s) develop a TIP that is updated at least every two years. The TIP must include a priority list of projects and project segments to be implemented within the three-year period following approval of the TIP by the governor and OMPO. It must also include a financial plan indicating the resources reasonably expected to be available to fund the program.

Citizens, affected public agencies and their employee representatives, private providers, and other interested parties are to be given an opportunity to comment on the program during its development and prior to its approval by OMPO.

TIP projects will be funded under TEA-21 only if they are consistent with the Oahu Regional Transportation Plan and if full funding can reasonably be anticipated within the projects' time-frame for completion.

THE TIP PROCESS

The OMPO Policy Committee finds that the following procedures are in accordance with Oahu's 3-C process and are responsive to the requirements set forth in the TEA-21. They integrate

OMPO's transportation planning responsibilities with State and City planning, policy, and program implementation procedures.

1. The boundaries of Oahu's Transportation Management Area (TMA)¹ shall be as determined by the Governor and Policy Committee. Projects that fall within or directly impact the TMA shall be so noted in the TIP. The OMPO Policy Committee designated the entire island of Oahu as a TMA. On October 29, 1992, the Governor approved this designation.
2. The TIP is a short-term project implementation program that requires committed funding. Therefore, close coordination with the budget and funding procedures of the State and City are necessary. The REVIEW DRAFT TIP shall reflect the program and project requests of the State and City administrations for their budget periods. State and City monies identified in the FINAL TIP shall reflect those "budgeted" by the Legislature and City Council. Projects beyond the budget periods shall conform to the Oahu Regional Plan and take into consideration the City and State six-year capital improvement programs for transportation. The TIP financial plan shall reflect the revenue projections and appropriations in the State and City budget acts.
3. The TIP shall be a three-year program, updated biennially with a scheduled annual review. The program will be presented as three twelve-month July/June fiscal periods. The new TIP will cover July 2000 through June 2003. The TIP will reflect OMPO's project implementation priorities.
 - a. **Biennial Update:** A Biennial Update will result in a new TIP. Completed years will be deleted and two new years added to produce a new three-year program.
 - b. **Annual Review/Amendment:** In years when an Update is not undertaken, the TIP will be reviewed by OMPO and its participating agencies, and amendments to the programmed period considered. OMPO will be responsible for processing amendment requests submitted at the annual review. Processing off-schedule amendments will be the responsibility of the requesting agency.
 - c. **Implementation Priority:** Unless otherwise designated by the Policy Committee, the year during which a project is programmed for implementation

¹Urbanized areas with population of 200,000 or more are designated as Transportation Management Areas. The Governor and OMPO may establish additional TMAs or extend TMA boundaries beyond the urbanized area. Designation as a TMA means that selection of projects for implementation within the TMA is done by OMPO in consultation with the State from the approved TIP and in accordance with the TIP priorities. (Projects undertaken on the National Highway System and under the bridge and Interstate maintenance programs shall be selected by the State in cooperation with OMPO.) Projects outside a TMA are selected from the approved TIP by the State in cooperation with OMPO. OMPO must also develop a Congestion Management System (CMS) for Oahu's TMA(s).

will establish the implementation Priority for the project. Priority I projects are those programmed for the first program year; priority II, those programmed for the second year; and Priority III, those programmed for the third year.

- d. **Project Selection:** Policy Committee approval of the TIP shall constitute OMPO selection for implementation.
- e. **Interface with Related Planning and Programming Documents:** The TIP shall interface and be coordinated with the key planning and programming documents of the City and the State. Among these are the State Transportation Plan, State Plan and Functional Plans, the City General Plan and Development Plans, City and State Operating and Capital Budgets, the statewide TIP, and City's Short Range Transportation Plan. OMPO's 3-C process acknowledges and incorporates the development and adoption procedures for these documents.
- f. **Opportunities for Comments from the General Public and Interested Parties:** In order to facilitate the timely development of the TIP and ensure the greatest opportunity for public comment on TIP projects and programs, comments presented at meetings and hearings of other agencies may be considered by the Policy Committee.
 - i. Comments of representatives of transportation agency employees and private providers of transportation: Primary responsibility for providing reasonable opportunities for comment from representatives of affected employees and private transportation providers shall be with the agency proposing the project or program. Whenever possible, such comments shall be solicited prior to submitting a project to OMPO for inclusion in the TIP and documented when submitted.²
 - ii. Comments of other interested parties: OMPO shall provide all interested parties an opportunity to comment on the REVIEW DRAFT and any proposed revisions prior to approval of the FINAL TIP. Public comment may be solicited at public meetings of OMPO's Citizen Advisory Committee, the Technical Advisory Committee, or other appropriate forums as determined by the Policy Committee. Reasonable notice shall be given of any meeting at which public comment upon the TIP will be received.

²Affected employees and private providers may have existing or potential contractual relationships with an implementing agency. Thus, the agency should have primary responsibility for soliciting and responding to issues raised in this context. While the implementing agency is the lead agency in these situations, the parties may also present their comments directly to OMPO.

AGENCY RESPONSIBILITIES

OMPO

1. Prepare REVIEW DRAFT TIP based upon City and State executive program and budget documents; and review for conformity with Oahu Regional Transportation Plan.
2. Obtain TAC and CAC comments and recommendations; present to Policy Committee for decision regarding those comments and recommendations that will be transmitted to legislative bodies.
3. Prepare FINAL TIP reflecting Policy Committee's position for projects programmed for funding in future years.
4. Submit to Areawide Clearinghouse for review.
5. Present to Policy Committee and Governor for final local action.
6. Submit approved TIP to FTA and FHWA, and to State DOT for incorporation into the Statewide TIP.

DTS

1. Prepare Short Range Transportation Plan, document private sector involvement, and process through City Council concurrently with Council Resolution authorizing inclusion of projects in the TIP.³
2. Submit City's REVIEW DRAFT TIP projects and financial plan to OMPO. City projects to include any related major privately funded projects.
3. Coordinate DTS TIP activities and responsibilities including input from transportation agency and transit operator employee representatives where appropriate.
4. Submit "as budgeted" revisions to OMPO for FINAL TIP.

³The detailed justification for FTA funded projects in a TIP is provided in the Short Range Transportation Plan. This document is prepared by DTS and submitted to the City Council for review and approval to transmit to OMPO. OMPO then sends it to FTA. Concurrent processing of the SRTP and authorization to include projects in the TIP is recommended.

DPP

1. Review TIP for conformity with City Development Plans. (Development Plan review addresses the overall social, economic, and environmental effects of the program.)
2. Submit comments and findings to OMPO.

DOT

1. Submit State's REVIEW DRAFT TIP projects and financial plan to OMPO. State projects to include any related major privately funded projects.
2. Coordinate Oahu TIP with State TIP.
3. Submit "as budgeted" revisions to OMPO for FINAL TIP.

DBEDT-OP

1. Review TIP for conformity with State Energy Plan.
2. Submit comments and recommendations to OMPO.

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APPENDIX E

Status of Federally-Funded Projects Programmed in FYs 2002 and 2003 of the FYs 2002-2004 TIP

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The OMPO FYs 2002-2004 TIP was endorsed by the OMPO Policy Committee in October 2002, and amended seven times. The following table lists the federally funded projects programmed in FYs 2002 and 2003 of the FYs 2002-2004 TIP, the phases and years programmed, and the status as of March 31, 2003.

PROJECTS PROGRAMMED IN FYs 2002 and 2003 OF THE FYs 2002-2004 TIP		
Project	Years and Phases Programmed	Status as of March 31, 2003
STATE OF HAWAII (OAHU) – Federal Highway Administration-Funded Projects		
S1	Farrington Highway Improvements, Nanakuli to Makaha	2002 - Construction Obligated.
S3	Farrington Highway, Replacement of Makaha Bridge No. 3	2002 - Right-of Way 2002 - Design 2003 - Right-of-Way FY 2002 – Obligated. FY 2003 - Obligation on schedule.
S4	Farrington Highway, Replacement of Makaha Bridge No. 3A	2002 - Right-of-Way 2002 - Design 2003 - Right-of-Way FY 2002 – Obligated. FY 2003 - Obligation on schedule.
S72	Fort Barrette Road Widening, Farrington Highway to Franklin D. Roosevelt Avenue	2002 - Design Obligated.
S8	Fort Weaver Road Widening Near Laulaunui Street	2003 - Construction Obligation on schedule.
S10	Interstate Route H-1 Guardrail & Shoulder Improvements, Airport Interchange to Middle Street	2003 - Construction Obligation on schedule.
S12	Interstate Route H-1 Guardrail & Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	2002 - Design Obligated.
S13	Interstate Route H-1, Installation of Emergency Telephones, Halawa Interchange to Ainakoa Avenue	2002 - Design 2003 - Construction FY 2002 – Local funds only. FY 2003 - Obligation on schedule.
S18	Interstate Route H-3, Seismic Retrofit Kailua Interchange	2002 – Construction Obligated.
S19	Interstate Route H-1, Seismic Retrofit Austin Bishop Separation & Waiiau Interchange	2002 - Construction Obligated.
S26	Interstate Route H-2, Seismic Retrofit Meheula Parkway, Leilehua Golf Course Road & Pineapple Road	2003 - Construction Obligation on schedule.

PROJECTS PROGRAMMED IN FYs 2002 and 2003 OF THE FYs 2002-2004 TIP			
Project		Years and Phases Programmed	Status as of March 31, 2003
S27	Interstate Route H-1 Widening (Westbound), Waimalu Viaduct to Pearl City Off-Ramp	2002 – Construction	Obligated.
S28	Interstate Route H-1, Seismic Retrofit Kapiolani Interchange, Phase II	2002 - Construction	Obligated.
S30	Kahekili Highway Landscaping, Kulukeoe Street to Haiku Road	2002 – Construction	Obligated.
S32	Ka Iwi Scenic Shoreline Project	2003 - Construction	Obligation on schedule.
S41	Kamehameha Highway, In-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu	2003 - Design	Obligation on schedule.
S42	Kamehameha Highway, Out-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu	2003 - Design	Obligation on schedule.
S43	Kamehameha Highway, South Kahana Stream Bridge Replacement	2003 - Design	Obligation on schedule.
S44	Kamehameha Highway, Kaluanui Stream Bridge Replacement	2003 - Design	Obligation on schedule.
S45	Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond	2003 - Right-of-Way	R/W obligation on schedule.
S46	Kamehameha Highway Traffic Improvements, Kahaluu to Waimea Bay, Phase 1	2002 – Design	Obligated.
S47	Kamehameha Highway, Kaipapau Stream Bridge Replacement	2002 - Right-of-Way	Obligated.
S48	Kamehameha Highway, Kawela Stream Bridge Replacement	2002 - Right-of-Way 2003 - Right-of-Way	FY 2002 - Obligated. FY 2003 - Obligation on schedule.
S49	Kamehameha Highway, Kokololio Stream Bridge Replacement	2002 - Right-of-Way	Obligated.
S50	Kamehameha Highway, North Kahana Bridge Replacement	2003 - Right-of-Way	Obligation on schedule.

PROJECTS PROGRAMMED IN FYs 2002 and 2003 OF THE FYs 2002-2004 TIP			
Project		Years and Phases Programmed	Status as of March 31, 2003
S75	Kamehameha Highway Improvements, Waipahu Street to Ka Uka Boulevard	2002 - Design	Obligated.
S53	Kamehameha Highway Installation of Emergency Telephones - Weed Junction to Kamananui Road	2003 - Construction	Obligation on schedule.
S54	Kamehameha Highway, Waiahole Bridge Replacement	2003 - Right-of-Way	Obligation on schedule.
S55	Kamehameha Highway Drainage Improvements, Vicinity of Kahuku Hospital	2002 - Right-of-Way, Design, Construction	Obligated.
S56	Kamehameha Highway, Haiamoa Stream, Replacement of Double Box Culvert	2002 - Right-of-Way 2002 - Design	Obligated.
S76	Kaneohe Bay Drive Improvements, Vicinity of Aumoku Street to Mokulele Drive	2002 - Construction	Obligated.
S79	Likelike Highway, Wilson Tunnel Improvements	2003 - Construction	Obligation on schedule.
S59	Moanalua Freeway, Installation of Emergency Telephones	2003 - Construction	Obligation on schedule.
S77	Moanalua Freeway Resurfacing, Halawa Interchange to Kahauiki Interchange	2003 - Construction	Obligation on schedule.
S65	Pedestrian Facilities and Americans with Disabilities Act Compliance at Various Locations	2002 - Construction	Obligated.
S66	Puuloa Road Widening, Kamehameha Highway to Salt Lake Boulevard	2002 - Construction	Obligated.
S67	Sand Island Bridge Rehabilitation	2002 - Construction	Obligated.
S69	Traffic Signal Modernization at Various Locations	2002 - Construction	Obligated.
S70	Vanpool Program		Obligation on schedule.

PROJECTS PROGRAMMED IN FYs 2002 and 2003 OF THE FYS 2002-2004 TIP			
Project		Years and Phases Programmed	Status as of March 31, 2003
STATE OF HAWAII (OAHU) – Federal Transit Administration-Funded Projects			
S71	FTA Section 5310 Capital Assistance Program	2002 - Equipment 2003 - Equipment	FY 2002 - Obligated. FY 2003 - Obligation on schedule.
CITY AND COUNTY OF HONOLULU – Federal Highway Administration-Funded Projects			
C1	Bridge Inspection and Appraisals	2003 - Planning	FY 2003 - Programming documents approved by FHWA.
C2	Computerized Traffic Control System	2003 - Construction	Programming documents approved by FHWA. Construction of this project will not be authorized until Concept of Operations Plan has been approved by FHWA.
C3	Diamond Head Road Bikeway	2003 - Design	Programming documents approved by FHWA. Master Plan being revised and finalized to address community concerns.
C4	Rehabilitation of Streets, Unit 5A	2003 - Construction	Requesting extension of PS&E final submittal from 5/31 to 6/30 to SDOT. Programming documents to be submitted shortly thereafter.
C9	Traffic Signals at Various Locations	2003 - Design 2003 - Construction	Project in progress with local funding. Applied for funding but have not received completed form 1240.
CITY AND COUNTY OF HONOLULU – Federal Transit Administration-Funded Projects			
C13	Bus Acquisition	2002 - Equipment	Grant awarded.
C14	Bus Acquisition	2002 - Equipment	Grant awarded.
C15	Bus Acquisition	2002 - Equipment	Grant awarded.
C16	Bus Acquisition	2002 - Equipment	Grant awarded.

PROJECTS PROGRAMMED IN FYs 2002 and 2003 OF THE FYs 2002-2004 TIP			
Project		Years and Phases Programmed	Status as of March 31, 2003
C22	Enhancement Elements at Islandwide Transit Centers	2002 - Construction 2003 - Construction	FY 2002 - Grant awarded. FY 2003 - Construction of the Mililani Transit Center is programmed in grant application HI90X021, which will be submitted after FTA issues a FONSI for Project #C26.
C24	Islandwide Transit Centers	2003 - Construction	Construction of the Mililani Transit Center is programmed in grant application HI90X021, which will be submitted after FTA issues a FONSI for Project #C26.
C26	Middle Street Multi-purpose Transit Center and Handi- Van	2003 - Right-of-Way 2003 - Relocation 2003 - Design 2003 - Construction	Grant applications for right-of-way (HI030031), relocation and design (HI90X021) will be submitted after FTA issues a FONSI. Construction will be re-programmed in FY 2004.
C27	Preventive Maintenance	2002 - Operations 2003 - Operations	FY 2002 - Grant awarded. FY 2003 - Programmed in grant application HI90X021, which will be submitted after FTA issues a FONSI for Project #C26.
C28	Primary Corridor Transportation Project	2003 - Right-of-Way 2003 - Design 2003 - Construction	Working with FTA to revise the administrative draft of the FEIS being prepared pursuant to NEPA and 23 CFR § 771.125.
C29	Transfer to FHWA		Transfer request submitted; awaiting FTA's approval

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