

OAHU

TRANSPORTATION IMPROVEMENT PROGRAM

FYS 2006, 2007, AND 2008

Approved by the OMPO Policy Committee
July 20, 2005

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 2006, 2007, 2008

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

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I. INTRODUCTION

The Oahu Transportation Improvement Program (TIP) - FYs 2006, 2007, and 2008 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 \$560 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 2006 projects represent those with the highest implementation priority. State projects in FY 2006 total approximately \$102 million, of which some \$81million is from federal funds. The largest State project in FY 2006 is the North South Road project. This project is funded with about \$34 million in federal funds and \$8 million in local funds. City projects in FY 2006 total approximately \$66 million, with about \$52 million in federal funds. The Preventive Maintenance project for transit vehicles is the largest City project in the TIP. This is funded with about \$27 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 2006-2008. 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)
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. 05-140, CD1, 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 November 2004 to develop a recommended program for the FYs 2006, 2007, and 2008 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:

1. Project must be "ready-to-go" by the program year.
2. Implementation Considerations include that the project be:
 - Practical to implement, and
 - Feasible to maintain and repair
3. Conceptual criteria concerning effectiveness in achieving the project's purpose include:
 - Quality
 - Economic Development
 - Health, Safety, Crime
 - Inter-modal, and
 - Social Impact
4. That the project be consistent with the Transportation for Oahu Plan 2025 (TOP 2025), and be effective in meeting the intended need(s) of the community

TOP 2025 Goals:

- Transportation Service (12 sub-goals)
- Quality of Life (9 sub-goals)
- Community Responsibility (3 sub-goals)
- Demand Management (3 sub-goals)

These goals lead to projects in the following categories:

- Congestion Relief
- Transit and Alternative Modes
- Operations and Safety
- Second Access
- Support Community Planning Goals
- Provide Local Community Circulation and/or Access

The list of proposed projects was first screened to consolidate duplicate submittals of the same project and to determine which projects were on the FYs 2004-2006 TIP. The consolidated projects were then discussed and evaluated using the above criteria in multiple rounds of discussion and polling; a draft list of projects for recommendation was developed. Lastly, some projects already in the TIP were separated into phases to be consistent with the current state of project planning.

The Subcommittee recommendations fall into three categories:

- Category #1: Projects submitted by the CAC members, screened by the Subcommittee, and found to be qualified according to the criteria. Also, some of these projects are in the FYs 2004-2006 TIP. These projects are recommended for inclusion in the FYs 2006-2008 TIP
- Category #2: Projects listed in the FYs 2004-2006 TIP. Should their implementation be delayed, they are recommended to be carried over to the FYs 2006-2008 TIP.
- Category #3: Projects submitted by the CAC that meet all of the screening criteria with the exception of being “ready-to-go” within the FYs 2006-2008 period. These projects are recommended for inclusion in the TIP for the planning phase only.

The subcommittee recommendations (Appendix A) were sent to the CAC members on January 7, 2005; comments were due by February 11. The subcommittee members presented their recommendations at the January 19, 2005 CAC meeting, noting that a vote would be requested at the February CAC meeting. The CAC unanimously voted to approve the recommendations at its February 16, 2005 meeting and recommended that the list of proposed FYs 2006-2008 TIP projects be passed on to the City Department of Transportation Services (DTS) and the State Department of Transportation (DOT) for their review and consideration.

The OMPO Policy Committee reviewed the report and, in March 2005, directed that it be transmitted to the implementing agencies for consideration in the development of the *Draft Transportation Improvement Program, FYs 2006, 2007, and 2008* (Review Draft TIP).

Public Outreach for the TIP

The Review Draft TIP, with instructions on how to submit comments and recommendations, was released on May 13, 2005, initiating the formal public review period, which ended on July 1, 2005. On May 13, 2005, the draft project listing was posted on OMPO's web page and the Review Draft TIP was also sent to the more than two hundred individuals, businesses, and organizations on the OMPO mailing list (including over 20 environmental justice organizations)

on May 13, 2005. The Draft TIP was also discussed at the May 18 and June 15, 2005 CAC meetings.

Recipients of the May 13, 2005 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 June 29, 2005, a letter was sent to the OMPO mailing list announcing the addition of two projects: *Interstate H-1, Addition and Modification of Freeway Access, Makakilo IC to Palailai IC (Kapolei Complex, and Salt Lake Boulevard Widening, Phase 2B*. The letter also pointed out changes made to the funding year, project phasing, and funding amounts to a number of other projects. This information was posted on the OMPO website on July 1, 2005.

There were over 247 hits to the TIP web page during the public comment period beginning on May 13, 2005 and ending on July 1, 2005.

The FYs 2006-2008 TIP was on the Policy Committee agenda for the July 20, 2005 meeting. Notices of all Policy Committee meetings were posted with the City Clerk, Lieutenant Governor's Office, and on OMPO's web page. Notices and were also 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 item on the agenda.

OMPO Citizen Advisory Committee Involvement

A public meeting on the TIP coincided with the CAC's monthly meeting in June 15, 2005. At this meeting, City and State transportation staff described their agencies' 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 lists of potential TIP projects 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. 05-140, CD1 (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.

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 DOT. The project listing reflected projects for which legislative appropriations had been made in the 2005 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 project listing 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:

- Honolulu Emergency Services Department
- Honolulu Fire Department
- Honolulu Police Department
- Department of Design and Construction
- Department of Facility Maintenance
- Department of Planning and Permitting
- Oahu Civil Defense Agency

State of Hawaii Agencies:

- Department of Budget and Finance
- Department of Defense
- Department of Education
- Department of Land and Natural Resources (DLNR)
- DLNR - State Historic Preservation Division
- 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
- U.S. Naval Base, Pearl Harbor
- Environmental Protection Agency, Region 9

- U.S. Department of Army Corps of Engineers
- U.S. Fish and Wildlife Service, Pacific Region

Utility Companies:

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

Copies of substantive comments will be circulated to the implementing agencies for appropriate action. This material will be 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
- State responses to other project-specific comments received during the public review period (May 13, 2005 through July 1, 2005)
- City responses to other project-specific comments received during the public review period (May 13, 2005 through July 1, 2005)

**SUMMARY OF AGENCY RESPONSES TO THE
OMPO CAC PROJECT RECOMMENDATIONS
(as of July 1, 2005)**

Category #1: Projects submitted by the CAC members, screened by the Subcommittee, and found to be qualified according to the criteria. Also, some of these projects are in the FYs 2004-2006 TIP. These projects are recommended for inclusion in the FYs 2006-2008 TIP.

	Project Name	Description	Included in the FYs 2006-2008 Draft TIP?	Implementing Agency
1	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. Makakilo Drive currently ends near the top of the hill, almost three miles from the existing Makakilo Interchange on H-1, the only means of access for the residents of Makakilo. The drive needs to be connected to the new North-South Road and Interchange providing access to the H-1. (NOTE: This road configuration appears on the Kapolei Area Long Range Master Plan depicted in the Estate of James Campbell booklet, "A City Comes Into Being: Kapolei 1993.")	Yes. Project C9: Plan roadway extension alternatives, recommend preferred alternative, prepare State/Federally compliant environmental assessment based on preferred alternative. Planning fund programmed for 2006.	City
2	Young Street Park Boulevard, Phase 4	Enhance Young Street corridor between McCully and Isenberg streets. Improve within existing right-of-way for pedestrian, bikeway, drainage, landscaping. Estimated cost: \$5 million.	No.	City

	Project Name	Description	Included in the FYs 2006-2008 Draft TIP?	Implementing Agency
3	Travel Demand Management Program	Implement an aggressive, islandwide Travel Demand Management (TDM) program. Program should include: free real-time online carpool matching; outreach, marketing and promotion of alternative transportation (carpool, vanpool, TheBus, bicycle, walking, telecommuting, compressed work weeks, etc.); Emergency Ride Home Program; major special events (i.e., Beat the School Jam, Rideshare Week, Bike to Work Day); promotion and support of employer-based commuter programs; and implementation of emerging and innovative TDM strategies, such as car-sharing.	No.	State
4	Vanpool Program	Continue the implementation of the Vanpool Hawaii program, which provides groups of commuters with vans for shared use during their commute.	Yes. Project S61: Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van. Operating funds programmed for FYs 2006, 2007, and 2008.	State
5	Interstate Route H-1, Addition And Modification Of Highway Accesses, Makakilo To Palailai Interchanges	Improve Makakilo and Palailai Interchanges. Complete design and start construction.	No.	State
6	Farrington Highway Widening	Improve and widen Farrington Highway from two (2) to four (4) lanes between old Fort Weaver Road and Kapolei Golf Course. Complete design and start construction.	No.	Both

	Project Name	Description	Included in the FYs 2006-2008 Draft TIP?	Implementing Agency
7	Leeward Community College Second Access Road	Construct a second access to LCC between west side of the campus to the Waipio Point Access.	Yes. Project S53: Design a second access to the LLC. Design funds programmed for FY 2007 and Right-of-Way funds programmed for 2008.	State
8A	North-South Road, Phase I – Kapolei Parkway To Vicinity Of Interstate Route H-1	Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.	Yes. Project 58: Construct North-South Road from Farrington Highway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. Right-of-Way and Construction funds programmed for FY 2006.	State
8B	North-South Road, Phase II – Farrington Highway To H-1 Freeway And New Interchange With H-1	Complete design and start construction of Phase II, widening Phase I to six lanes. It also includes the new H-1 interchange for the North-South Road.		State
8C	North-South Road, Phase III – Kapolei Parkway To Franklin D. Roosevelt Avenue	Develop segment of North-South Road between Kapolei Parkway and FDR Avenue.		City
9	Interstate Route H-1, Addition And Modification Of Highway Accesses, Kapolei Interchange	Construct a new interchange (Kapolei Interchange). Complete design and start construction.	No.	State
10	Fort Barrette Road Widening – Farrington Highway To Franklin D. Roosevelt Avenue	Complete design and construction to widen Fort Barrette Road from two to four lanes.	Yes. However, the terminus for this project is Barbers Point Gate.	State

	Project Name	Description	Included in the FYs 2006-2008 Draft TIP?	Implementing Agency
11A	Kapolei Parkway, Unit 1	Complete design and start construction. This is two small sections of the Kapolei Parkway controlled by both the City and DHHL (formerly HCDCH), connecting Renton Road (Ewa Villages) and the existing Kapolei Parkway (Villages of Kapolei).	Yes. Project C7: Design and construct Kapolei Parkway in two phases between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles). Design funds for Hawaii's DOT review services.	City
11B	Kapolei Parkway, Unit 2	Begin planning and environmental documentation of extension of Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road.	Design and Construction fund programmed for FY 2006.	City
11C	Kapolei Parkway, Unit 3	Begin planning and environmental documentation of extension of Kapolei Parkway from Aliinui Drive to Kalaeloa Boulevard.		City

Category #2: Projects listed in the FYs 2004-2006 TIP. Should their implementation be delayed, they are recommended to be carried over to the FYs 2006-2008 TIP.

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
1	S-38 Kalaniana'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.	Yes. Project S28 in the FYs 2006-2008 TIP.	State
2	S-41 Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial	Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.	No.	State
3	S-64 Kamehameha Highway Widening, Lanikuhana Ave. to Ka Uka Blvd.	Begin planning for Kamehameha Highway widening, Lanikuhana Avenue to Ka Uka Boulevard.	No.	State

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
4	S-62 Kamehameha Highway Improvements, Hygienic Store to Kaalea Stream Bridge	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.	No.	State
5	C-18 Kamokila Blvd. Extension	Complete design and start construction of extension from Kapolei Parkway to Franklin D. Roosevelt Avenue in Kapolei.	Yes. Project C6 in the FYs 2006-2008 TIP.	City
6	S-65 Leeward Bikeway	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 Hawaiian Railway Society Train Station.	Yes. Project S52 in the FYs 2006-2008 TIP.	State

Category #3: Projects submitted by the CAC that meet all of the screening criteria with the exception of being “ready-to-go” within the FYs 2006-2008 period. These projects are recommended for inclusion in the TIP for the planning phase only.

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
1	H-1 Widening Eastbound Waiawa to Halawa	Interstate Route H-1, widening eastbound Waiawa to Halawa.	Yes. Project S18: Widen H-1 Freeway to six lanes from Waiawa Interchange to Halawa Interchange in the east-bound direction, and restore current freeway lane width and shoulder standards. Design funds programmed for FY 2008.	State

	Project Name	Description	Included in the FYs 2004-2006 Draft TIP?	Implementing Agency
2	H-1 Widening Westbound Waiiau through Waiawa	Interstate Route H-1, widening westbound Waiiau to and through Waiawa Interchange.	Yes. Project S20: Design to construct an additional H-1 west-bound lane through Waiawa Interchange. Design funds programmed for FY 2006.	State
3	Kunia Road Widening	Kunia Road widening, H-1 to vicinity of Anonui Street.	No.	State

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

State of Hawaii

1. Requests that DOT include Interstate H-1 Kapolei Interchange and associated improvements to Makakilo and Palailai Interchanges in the FYs 2006-2008 TIP. (3 comments received)

Response:

Project S63 has been included in the draft FYs 2006-2008 TIP. Design funds have been programmed in FY 2006.

2. Requests that DOT include Kapolei Parkway, Unit 2 (Kamokila Boulevard to Fort Barrette Road) and Unit 3 (Aliinui Drive to Kalaeloa Boulevard) in the FYs 2006-2008 TIP.

Response:

Project C7 has been included in the draft FYs 2006-2008 TIP. Design and Construction funds have been programmed for FY 2006.

3. Requests that DOT include North-South Road Phase III in the FYs 2006-2008 TIP.

Response:

Project S58 has been included in the draft FYs 2006-2008 TIP. Rights-of-way and Construction funds have been programmed for FY 2006.

4. Supports S7 - Fort Barrette Road Widening, Farrington Highway to Barber's Point Gate.

Response:

Project S7 has been included in the draft FYs 2006-2008 TIP. Right-of-Way funds have been programmed in FY 2007.

5. Supports S52 - Leeward Bikeway, Phase 1, Waipio Point Access Road to Hawaiian Railway Society Train Station.

Response:

Project S52 has been included in the draft FYs 2006-2008 TIP. Right-of-Way funds have been programmed in FY 2007 and construction funds have been programmed in FY 2008.

6. Supports S53 - Leeward Community College, 2nd Access Improvements.

Response:

Project S53 has been included in the draft FYs 2006-2008 TIP. Design and Right-of-Way funds have been programmed in FY 2007.

7. Supports S58 – North-South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase 1B.

Response:

Project S58 has been included in the draft FYs 2006-2008 TIP. Right-of-Way and Construction funds have been programmed in FY 2006.

8. Supports S61 - Vanpool Program.

Response:

Project S61 has been included in the draft FYs 2006-2008 TIP. Operating funds have been programmed in FYs 2006, 2007 and 2008.

City and County of Honolulu

1. Requests that DTS include Salt Lake Boulevard Widening Project Phase III in the FYs 2006-2008 TIP.

Response:

Project C24 has been included in the draft FYs 2006-2008 TIP.

2. Supports C6 - Kamokila Boulevard Extension.

Response:

Project C6 has been included in the draft FYs 2006-2008 TIP. Design funds have been programmed in FY 2007 and construction funds have been programmed in FY 2008.

3. Supports C7 - Kapolei Parkway.

Response:

Project C7 has been included in the draft FYs 2006-2008 TIP. Design and Construction funds have been programmed in FY 2006.

4. Supports C9 - Makakilo Drive Extension.

Response:

Project C9 has been included in the draft FYs 2006-2008 TIP. Planning funds have been programmed in FY 2006.

5. Supports C15 - Bus and Handi-Van Acquisition Program.

Response:

Project C15 has been included in the draft FYs 2006-2008 TIP. Equipment funds have been programmed in FYs 2006, 2007, and 2008.

6. Supports C16 - Honolulu High Capacity Transit.

Response:

Project C16 has been included in the draft FYs 2006-2008 TIP. Design funds have been programmed in FYs 2007 and 2008.

7. Supports C17 - Middle Street Intermodal Center.

Response:

Project C17 has been included in the draft FYs 2006-2008 TIP. Design, Construction, and Equipment funds have been programmed in FY 2007.

8. Supports C18 - Oahu Intra-Island Ferry.

Response:

Project C18 has been included in the draft FYs 2006-2008 TIP. Planning and Operating funds have been programmed in FY 2006; Planning and Design funds have been programmed in FY 2007; and Construction funds been programmed in FY 2008.

9. Supports C19 - Preventive (Bus) Maintenance.

Response:

Project C19 has been included in the draft FYs 2006-2008 TIP. Operating funds have been programmed in FYs 2006, 2007, and 2008.

10. Supports C20 - Transfer to FHWA for Vanpool

Response:

Project C20 has been included in the draft FYs 2006-2008 TIP. Operating funds have been programmed in FYs 2006, 2007, and 2008.

11. Supports C22 - Transit Related Safety and Security Projects

Response:

Project C22 has been included in the draft FYs 2006-2008 TIP. Equipment funds have been programmed in FYs 2006, 2007, and 2008.

12. Supports C23 - Wahiawa Transit Center.

Response:

Project C14 has been included in the draft FYs 2006-2008 TIP. Design and Construction funds have been programmed in FY 2006.

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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's three-year programming period (FYs 2006, 2007, 2008) 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 2006, 2007, 2008 TIP is consistent with the TOP 2025 and supports the island's overall regional development goals.
2. **Consideration:** Congestion Management System (CMS) Process.
Finding: The FYs 2006, 2007, 2008 TIP went through the CMS process.
3. **Consideration:** Impact on Environmental Justice and Title VI areas.
Finding: The analysis of the impacts of the FYs 2006-2008 TIP indicated compliance with the principles of environmental justice based on the qualitative performance measures of public participation and the quantitative measures of equity, safety, and population policy.
4. **Consideration:** Consistency with the Oahu Regional ITS Architecture.
Finding: The FYs 2006, 2007, 2008 TIP is consistent with the Oahu Regional ITS Architecture.
5. **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.
6. **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.
7. **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.
8. **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.

9. **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 non-motorized 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 CAC. 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.

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 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.

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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 2005 Legislature. These estimates will be updated and submitted to the 2006 Legislature when it convenes in January 2006.

CITY

(Refer to following pages)

CITY AND COUNTY OF HONOLULU
FINANCIAL PLAN FOR PROPOSED PROGRAM OF PROJECTS
FISCAL YEARS 2006-2008 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 2006 to 2008.

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) FTA New Starts allocations; (5) Federal Highway Administration (FHWA) Surface Transportation Program; (6) FHWA Congestion Mitigation and Air Quality Program; (7) FHWA Highway Bridge Replacement and Rehabilitation Program; and (8) FHWA Public Lands Highway Discretionary 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 for the State of Hawaii's Vanpool Program to the extent that OMPO is able to certify that:

- The funds are not needed for investments required by the Americans with Disabilities Act of 1990, as amended;
- A notice and opportunity for comment and appeal have been provided to affected transit providers during the public outreach period for the FYs 2006-2008 TIP; and
- Local funds proposed for the non-Federal match are eligible to provide assistance for either highway or transit projects.

The amounts programmed for transfer to FHWA represent the estimated incremental increase of Section 5307 funds apportioned to the City attributable to vanpool operating data from FTA's National Transit Database.

FHWA Programs

Except for Public Lands Highway Discretionary Program funds, the City defers to the State of Hawaii Department of Transportation to identify the appropriate FHWA program sources for City projects. The Public Lands Highway Discretionary funds programmed in the FYs 2006-2008 TIP were designated by Congress.

FTA's Urbanized Area Formula Program, 49 U.S.C. §5307 (Section 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 and population density statistics from the 2000 Census, and validated mileage and transit service data in FTA's National Transit Database (NTD). FTA will use data from NTD report year (RY) 2004 to apportion FY 2006 funds, RY 2005 for FY 2007 funds, and RY 2006 for FY 2008 funds.

For urbanized areas with populations of 200,000 or more (e.g., Honolulu urbanized area), FTA sets aside one-percent of each urbanized area's annual Section 5307 apportionment for transit enhancement expenditures. The term "transit enhancement" includes projects or project elements that are designed to enhance mass transportation service or use, and are physically or functionally related to transit facilities.

Table 1a presents the financial plan for the City's Section 5307 Non-Transit Enhancement funds. The sources of funds include approximately \$0.36 million in unobligated apportionment carried over from FY 2005, and estimated annual apportionments during the three-year period. The amount of carryover funds may increase as existing grants are closed-out and deobligated funds are made available prior to their lapsing dates.

Table 1a¹
Financial Plan for FTA Section 5307 Non-Transit Enhancement Funds

Urbanized Area Formula Funds (49 U.S.C. 5307)	FY 2006	FY 2007	FY 2008
Apportionment	\$24,854,000	\$26,818,000	\$26,818,000
Prior year's carryover	359,000	4,352,000	0
TOTAL SOURCES	\$25,214,000	\$31,169,000	\$26,818,000
TOTAL USES	(20,862,000)	(31,169,000)	(26,818,000)
Carryover balance	\$4,352,000	\$0	\$0

A bus strike during August and September 2004 resulted in decreased mileage and transit service data amounts for FY 2004. The \$24,854,000 estimated apportionment for FY 2006 is based on FY 2004 NTD (as of March 7, 2005) and FTA's dollar unit values used in calculating the FY 2005 apportionment. The \$26,818,000 apportionment estimate for FYs 2007 and 2008 is the average apportionment for FYs 2003, 2004, and 2005.

Uses for Section 5307 Non-Transit Enhancement funds include: (1) Design and construction of the transit component of the Alapai Transit Center and Joint Traffic Management Center; (2) Design of the locally-preferred high capacity transit alternative; (3) Bus preventive maintenance; (4) Transferring funds to FHWA for use by the State Department of Transportation's Vanpool Program; (5) Phase III of the Transit Radio Replacement program; and (6) Various transit-related safety/security projects.

¹ The numbers in the tables have been rounded to the nearest 1000.

Table 1b presents the financial plan for the City's Section 5307 Transit Enhancement funds. Sources include approximately \$0.29 million in unobligated apportionment carried over from FYs 2004 and 2005, and estimated annual apportionments during the three-year period. The amount of carryover funds may increase as existing grants are closed-out and deobligated funds are made available prior to their lapsing dates.

As with the Non-Transit Enhancement funds calculations, the FY 2006 estimate takes into account the decreased mileage and service data amounts due to the bus strike, and the estimate for FYs 2007 and 2008 is the average Transit Enhancement apportionment for FYs 2003, 2004, and 2005. Enhancement funds are programmed for the Alapai Transit Center and Joint Traffic Management Center in FY 2007.

Table 1b²
Financial Plan for FTA Section 5307 Transit Enhancement Funds

Urbanized Area Formula Funds (49 U.S.C. 5307)	FY 2006	FY 2007	FY 2008
Apportionment	\$221,000	\$253,000	\$253,000
Prior year's carryover	294,000	515,000	18,000
TOTAL SOURCES	\$515,000	\$768,000	\$271,000
TOTAL USES	(0)	(751,000)	(0)
Carryover balance	\$515,000	\$18,000	\$271,000

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

Fixed Guideway Modernization (FGM) 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 for FGM funds is presented in Table 2. Sources include an estimated annual apportionment of approximately \$1.11 million (average apportionment for FYs 2003, 2004, and 2005) and approximately \$1.47 million in carry-over funds from FYs 2004 and 2005. Replacement bus purchases are the only programmed use for these funds.

² The numbers in the tables have been rounded to the nearest 1000.

Table 2³
Financial Plan for FTA Fixed Guideway Modernization Funds

Fixed Guideway Modernization Funds (49 U.S.C. 5309(m)(1)(A))	FY 2006	FY 2007	FY 2008
Apportionment	\$1,110,000	\$1,110,000	\$1,110,000
Prior years' carryover	1,468,000	117,000	1,287,000
TOTAL SOURCES	\$2,577,000	\$1,287,000	\$2,397,000
TOTAL USES	(2,400,000)	(0)	(1,920,000)
Carryover balance	\$117,000	\$1,287,000	\$477,000

FTA New Starts, 49 U.S.C. §5309(m)(1)(B)

Table 3 presents the financial plan for New Starts funds, which are discretionary. Sources include \$5.68 million of the State of Hawaii's ferry allocation and \$8.9 million that was made available to the City for replacement, rehabilitation, and purchase of buses and related equipment and the construction of bus-related facilities pursuant to Section 171 of the Consolidated Appropriations Act, 2005 (Public Law 108-447). The funds are programmed for Oahu Intra-Island Ferry, replacement bus purchase, and bus preventive maintenance.

Table 3⁴
Financial Plan for FTA New Starts Funds

New Starts Funds	FY 2006	FY 2007	FY 2008
Allocation (Ferry)	\$3,000,000	\$2,000,000	\$680,000
Prior years' carryover	8,900,000	5,760,000	320,000
TOTAL SOURCES	\$11,900,000	\$7,760,000	\$1,000,000
TOTAL USES	(6,140,000)	(7,440,000)	(1,000,000)
Carryover balance	\$5,760,000	\$320,000	\$0

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

Bus Capital funds are discretionary and are allocated for specific uses. Table 4 presents the financial plan for Bus Capital funds. Approximately \$11 million is assumed as the annual allocation. This amount represents the average FYs 2004 and 2005 allocation for bus and bus facilities plus the average FYs 2002 to 2005 allocation for the Middle Street Intermodal Center. The approximately \$2.9 million carry-over funds in FY 2006 represents the FY 2005 allocation for Wahiawa Transit Center.

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

^{3 4} The numbers in the tables have been rounded to the nearest 1000.

Table 4⁵
Financial Plan for FTA Bus Capital Funds

Bus Capital Funds (49 U.S.C. 5309(m)(1)(C))	FY 2006	FY 2007	FY 2008
Allocation	\$11,377,000	\$11,000,000	\$11,000,000
Prior years' carryover	2,942,000	8,370,000	2,250,000
TOTAL SOURCES	\$14,319,000	\$19,370,000	\$13,250,000
TOTAL USES	(5,949,000)	(17,120,000)	(12,980,000)
Carryover balance	\$8,370,000	\$2,250,000	\$270,000

Local Sources

Where local funding is identified in the FYs 2006-2008 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 2006 capital budget ordinance are valid until December 31, 2007 (Federal fiscal year 2007, quarter 1).

In addition, the City receives revenue from impact fees paid by developers in the Ewa area to be used exclusively for traffic and roadway improvements contained in the *Ewa Master Plan* as set out in City Ordinance 02-52.

Ordinance 05-023, relating to the Executive Capital Budget and Program for the Fiscal Year July 1, 2005 to June 30, 2006, will provide the local matching funds for the projects programmed in FY 2006.

The City's bus preventive maintenance (PM) costs are funded by the City's annual operating budget. The Federal share of PM costs are programmed on a reimbursable basis; i.e., funds appropriated for the City's FY 2005 operating budget (Ordinance 04-24) pays for PM costs, and the Federal reimbursement is programmed in FY 2006. The City's FY 2006 operating budget (Ordinance 05-014) will pay for PM costs and provide the local matching share for Project C5, Honolulu Traffic Control Center Operations.

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.

⁵ The numbers in the tables have been rounded to the nearest 1000

VII. OAHU PROJECT LISTING

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OAHU TRANSPORTATION IMPROVEMENT PROGRAM
FY 2006 THRU FY 2008

PROJECT LISTING

PROJECT	PHASE	FY 2006		FY 2007		FY 2008		FUNDING CATEGORY		
		TOTAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FEDERAL (x\$1000)		LOCAL (x\$1000)	
OAHU : STATE - FHWA										
S1	Farrington Highway, Bridge Rehabilitation Kaupuni Stream Bridge <i>Widen existing three-span 149 feet long concrete T-beam bridge by about 18.5 feet and strengthen existing portion to meet current State standards MP 11.28.</i>			1,500	1,200	300	500	400	100	BRIDGE ON-SYSTEM BRIDGE ON-SYSTEM
S2	Farrington Highway, Bridge Replacement Maipalaoa Bridge <i>Replace the existing bridge with concrete structure that meets current design standards. The new structure will include bridge railings. MP 8.32 near Maipalaoa Street.</i>					70				BRIDGE ON-SYSTEM
S3	Farrington Highway, Bridge Replacement Makaha Beach Park <i>Replace timber bridge in the vicinity of Makaha Beach Park. This project is necessary to qualify for Federal-Aid financing and/or reimbursement.</i>									BRIDGE ON-SYSTEM 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, and underground utilities.</i>	1,000	200				12,000	9,600	2,400	STP OPTIONAL SAFETY
S5	Farrington Highway Intersection Improvements at Luualaei Homestead Road <i>Improvements include a left-turn lane into Luualaei Homestead Road, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.</i>						1,500	1,200	300	STP OPTIONAL SAFETY
S6	Farrington Highway Intersection Improvements at Nanakuli Avenue <i>Improvements include a left-turn lane into Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.</i>						500	400	100	STP OPTIONAL SAFETY
S7	Fort Barrette Road Widening, Farrington Highway to Barber's Point Gate <i>Widen existing roadway to four lanes and other improvements, including right and left turning lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.</i>			200	160	40		1,500	300	STP OPTIONAL SAFETY MINIMUM GUARANTEE

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)	
S8 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway Assist the State with managing and guiding the ITS program. Will include software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. The project consists of installation of CCTV cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements.	DES	2,000	1,600	400	1,500	1,200	300	1,500	1,200	300	INTERSTATE MAINTENANCE
	CON	2,000	1,600	400				8,000	6,400	1,600	INTERSTATE MAINTENANCE
	CON							1,825	1,460	365	INTERSTATE MAINTENANCE
	DES										INTERSTATE MAINTENANCE
S9 Freeway Service Patrols This program will operate roving service patrols. Services to include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting HPD, HFD, and EMS at crash scenes and other incidents, assisting sick or injured motorists with basic first aid, and notifying 911 of incidents.	CON	1,000	900	100	1,000	900	100	0	0	0	NHS
S10 Guardrail and Shoulder Improvements, Various Locations Installation and upgrading all guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.	DES				250	200	50				STP OPTIONAL SAFETY
	CON							1,000	800	200	STP OPTIONAL SAFETY
S63 Interstate Route H-1, Addition and Modification of Freeway Access, Makalilo IC to Palalaili IC (Kapolei IC Complex) Improve/modify freeway access to Interstate Route H-1 between Makalilo IC and Palalaili IC (Kapolei Interchange Complex)	DES	2,400		2,400							Local
	CON	5,300	4,770	530							INTERSTATE MAINTENANCE
S11 Interstate Route H-1, Deck Repair Airport Viaduct, MP 15.73 to MP 18.52 Repair Airport Viaduct from Valkenburg Street to Keehi Interchange.	CON										INTERSTATE MAINTENANCE
S12 Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street Upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Shoulder improvements may be required at various locations.	CON				4,000	3,200	800				INTERSTATE MAINTENANCE
S13 Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gullick Avenue, Phase I Upgrade and replace existing highway lighting.	CON				6,000	4,800	1,200				INTERSTATE MAINTENANCE
S14 Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp Improvements to west-bound lanes by modifying the weaving movements between the Lunalilo Street on-Ramp and the Vineyard Boulevard off-Ramp. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.	DES/CON	2,000	1,600	400							NHS

PROJECT	PHASE	FY 2006			FY 2007			FY 2008		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)
S15	Interstate Route H-1, Pearl City Viaduct and Waimalu Viaduct Improvements Construction for replacing, repairing, and/or strengthening of the Pearl City and Waimalu Viaducts concrete decks and other structural components. Project will be implemented in 5 phases.										
	Phase 1	CON			5,000		4,500		500		
	Phase 2	CON								1,000	
	Phase 4	DES			1,500		1,350		150		
S16	Interstate Route H-1, Seismic Retrofit, Farrington Highway, Makakilo Separation and Military Road Overpass H-1 Freeway (Route H-1) Farrington Highway Separation, Makakilo Separation and Military Road Overpass Seismic Retrofit. MP 0.49-6.34. Seismic Retrofit existing 332, 251, 278 feet long bridges to meet current State seismic criteria.										
		CON			3,850		3,080		770		
S17	Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp Seismic retrofit existing 1,202 feet long bridge to meet current State seismic criteria.										
		CON	740	592							
S18	Interstate Route H-1 Widening, East-Bound, Waiau Interchange to Halawa Interchange Widen H-1 Freeway to six lanes from Waiau Interchange to Halawa Interchange in the east-bound direction, and restore current freeway lane width and shoulder standards.										
		DES								800	NHS
S19	Interstate Route H-1 and H-2, Destination Sign Upgrade/Replacement Replacing and/or upgrading the existing destination signs and sign support structure on Interstate Routes H-1 and H-2. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.										
		CON								2,250	250
S20	Interstate Route H-1, Waiawa IC, West-Bound, Additional West-Bound Lane Design to construct an additional H-1 west-bound lane through Waiawa Interchange.										
		DES	0	0	2,500		2,000		500		
S21	Interstate Route H-1, Waiawa IC, Waipahu Off-Ramp Improvements Design to widen the Waipahu off-ramp from one to two lanes.										
		DES	0	0					600		
S22	Interstate Route H-2 Rehabilitation, Waipio IC On/Off-Ramps, Ka Uka Blvd & Meheula Pkwy Overpasses and Kipapa Stream Bridge Resurface existing roadway.										
		CON	8,000	6,400							
S23	Interstate Route H-3, H-3 Finish, Unit VIII Construct stream channel improvements near the Animal Quarantine Station in Halawa Valley.										
		CON	2,000	1,800	200						
S24	James Campbell National Wildlife Refuge Improvements (managed by FWS) To be administered by the U.S. Fish and Wildlife Service.										
		CON	360	360							
										PUBLIC LANDS DISCRETIONAR	

PROJECT	PHASE	FY 2006			FY 2007			FY 2008		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)
S25	Kahekili Highway Intersection Improvements in the Vicinity of Hui Iwa Street <i>This project proposes to add auxiliary lanes to the intersections of Kahekili Highway and East and West Hui Iwa Streets. Will include ac pavement, highway lighting, guardrail, signing, and pavement markings.</i>	CON		660	3,300	2,640				NHS	
S26	Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station <i>Upgrade and/or reconstruct/rehab the existing roadway, drainage systems and other facilities to current standards on Enterprise Road, Roosevelt Road, Coral Sea Road, and W. Perimeter Road. Project will include North/South Road Connector right-of-way and the realignment of Coral Sea Road to Independence Road.</i>	DES		660	3,300	2,640				STP FLEXIBLE	
S27	Kalaniana'ole Highway Improvements, Vicinity of Hawaii Kai Drive to Keahole Street <i>This project proposes to add an additional through lane in the in-bound direction. Will include utility relocation, ac pavement, sidewalk, highway lighting, landscaping, irrigation, guardrail, signing, and pavement markings.</i>	CON						2,800	2,240	560	NHS
S28	Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park <i>Improvements to Kalaniana'ole, including constructing turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, upgrading traffic signals, utility relocation, drainage improvements, and other miscellaneous improvements. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	250	200	50						NHS
S29	Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu <i>The scope of work will consist of constructing and/or repairing a retaining wall along Kalaniana'ole Highway in the vicinity of Makapuu Point, including subsurface investigation and slope protection. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	CON	5,500	4,400	1,100						NHS
S30	Kamehameha Highway, Bridge Replacement Kaipapau Stream Bridge <i>Replacement of Kaipapau Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	500	400	100						BRIDGE ON-SYSTEM BRIDGE ON-SYSTEM
S31	Kamehameha Highway, Bridge Replacement Kaluanui Stream Bridge <i>Land acquisition for replacement of Kaluanui Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				600	480				BRIDGE ON-SYSTEM
S32	Kamehameha Highway, Bridge Replacement Kawela Stream Bridge <i>Replacement of Kawela Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW				150	120				BRIDGE ON-SYSTEM BRIDGE ON-SYSTEM
S33	Kamehameha Highway, Bridge Replacement North Kahana Stream Bridge <i>Replacement of North Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	CON	8,900	7,120	1,780						BRIDGE ON-SYSTEM
S34	Kamehameha Highway, Bridge Replacement South Kahana Stream Bridge <i>Replacement of South Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW	900	720	180						BRIDGE ON-SYSTEM

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)	
S45	Kamehameha Highway, Rehabilitation of Waikane Stream Bridge <i>Kamehameha Highway (Route 83) Waikane Stream Bridge Rehabilitation. MP 33.54. Rehabilitate existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>	DES ROW			600	480	120	240	190	50	BRIDGE ON-SYSTEM BRIDGE ON-SYSTEM
S46	Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge <i>Rehabilitation of a concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.</i>	ROW			380	305	75				BRIDGE ON-SYSTEM
S47	Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street <i>Resurface existing roadway.</i>	CON	3,800	3,040	760						NHS
S48	Kamehameha Highway, Rockfall Protection Vicinity of Kahuku <i>Rockfall mitigation measures along Kamehameha Highway in the Vicinity of Kahuku.</i>	DES CON			1,000	800	200				STP FLEXIBLE
S49	Kamehameha Highway Shoreline Protection <i>Create shoreline protection for areas of Kamehameha Highway susceptible to ocean erosion due to wave action.</i>	CON			4,000	3,200	800				STP OPTIONAL SAFETY
S50	Kamehameha Highway, Shoreline Protection, Vicinity of Kawailoa Beach <i>Create shoreline protection for areas of Kamehameha Highway susceptible to ocean erosion due to wave action.</i>	CON						1,300	1,040	260	STP OPTIONAL SAFETY
S51	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	NHS
S52	Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaiian Railroad Society Train Station <i>Construct a 10-foot wide shared use facility within the former Oahu Railway and Land Company 40-foot right-of-way.</i>	ROW CON			800	640	160				STP ENHANCEMENT STP ENHANCEMENT
S53	Leeward Community College, 2nd Access Improvements <i>Design a second access to the Leeward Community College.</i>	DES ROW			1,000	800	200				STP FLEXIBLE STP FLEXIBLE
S54	Moanalua Freeway and Interstate Route H-2 Guardrail and Shoulder Improvements <i>Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>	CON						4,500	4,050	450	INTERSTATE MAINTENANCE
S55	Moanalua Freeway, Highway Lighting Improvements, MP 0 to 0.73 <i>Upgrade and replace existing highway lighting.</i>	CON			2,000	1,600	400				INTERSTATE MAINTENANCE

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)		
S56	Moanalua Freeway, Highway Lighting Improvements, MP 1.12 to 4.09 Upgrade and replace existing highway lighting. CON							5,400	4,320	1,080	INTERSTATE MAINTENANCE	
S57	Nimitz Highway Intersection Improvements at Valkenburg Street Construct safety and operational improvements CON						300	240	60	CMAQ		
S58	North/South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase IB Construct North/South Road from Farrington Highway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.	ROW CON CON	4,000 35,000 3,000	3,200 28,000 2,400	800 7,000 600						CMAQ CMAQ HI PRIORITY	
S59	Pali Highway, Castle Junction, Rockfall Protection, Kailua Bound Rockfall mitigation measures along Pali Highway at Castle Junction. DES					1,000	800			200	STP OPTIONAL SAFETY	
S60	Traffic Signal Modernization at Various Locations on Oahu (Waialae, Nimitz, Farrington, Pali & Likelike Hwys) improve traffic signals at various locations; waialae Avenue from 2 nd St Ave. to Kilauea Avenue, Nimitz Highway from Valkenburg Street to Halekauwila Street, Pali Highway at School Street, Likelike Highway at Anoi Road, Farrington Highway from Waipio Access Road to Fort Weaver Road Ramp., Farrington Highway from Luulualei Homestead Road to Makaha Valley Road	CON				4,500	3,600			900	CMAQ	
S61	Vanpool Program, Oahu Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van. OPR OPR		800 1,122	800 1,122	800 1,122	800 1,122	800 1,122	800 1,122	800 1,122	800 1,122	CMAQ FHWA Fund x-fer from FTA Sec. 53	
	OAHU: STATE - FHWA TOTAL		101,907	80,891	21,016	88,752	72,137	87,777	72,302	15,475		
	C&C HONOLULU - FHWA											
C1	Alapai Transit Center & Joint Traffic Management Center Plan, design, and construct a transit center and joint traffic management center at existing Alapai Express Bus Terminal. The traffic management center building will also provide space for the Honolulu Police Department, Emergency Management Services' dispatch center, and the Department of Transportation Services. Also see C&C Honolulu - FTA #C14 DES CON OPER					2,000	1,600	400			CMAQ CMAQ CMAQ	
C2	Bridge Inspection and Appraisal Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs. DES					350	280	70	350	280	70	BRIDGE ON-SYSTEM

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)	
C3 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.	Phase 7	CON	2,000	1,600	400						STP FLEXIBLE
	Phase 8	DES	300	240	60						STP FLEXIBLE
		CON		2,000	1,600	400					STP FLEXIBLE
	Phase 9	DES		300	240	60					STP FLEXIBLE
	Phase 10	CON						2,000	1,600	400	STP FLEXIBLE
C4 Hihimanu Street Sidewalk Improvements Construct a 3,000-foot long sidewalk on the shoulder of Hihimanu Street from Kakaina Street to Waimanalo District Park.	CON	600	600	0							PUBLIC LANDS DISCRETIONAR
C5 Honolulu Traffic Control Center Operations Operate and maintain the Traffic Control Center, including labor, utilities, equipment, management, and administrative costs.	OPER	980	784	196	960	768	192	1,120	896	224	CMAQ
C6 Kamokila Boulevard Extension Design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.	DES				400	320	80				STP FLEXIBLE
	CON							2,500	2,000	500	STP FLEXIBLE
C7 Kapolei Parkway Design and construct Kapolei Parkway in two phases between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles). Design funds for Hawaii's DOT review services.	DES	30	24	6				30	24	6	STP FLEXIBLE
	CON	12,000	9,600	2,400							STP FLEXIBLE
C8 Kapunahala Stream Flood Control Project, Kaneohe, TMK: 4-5-23 & 24 Provide a relief drain system to supplement an existing inadequate drain system along Kapunahala Stream between Pookela Street and Keneke Street.	CON				5,000	4,000	1,000				PUBLIC LANDS DISCRETIONAR
C9 Makakilo Drive Extension Plan roadway extension alternatives, recommend preferred alternative, prepare State/Federally compliant environmental assessment based on preferred alternative.	PLN	875	300	575							STP FLEXIBLE

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)	
C24 Salt Lake Boulevard Widening, Phase 2B Complete the sixth phase of Salt Lake Boulevard Widening project from Kahuaapaani Street to Puuloa Road which began in the 1970s. Phase 2 B Termini is from Maluna to Ala Liikoi Streets.											Local
C10 Seismic Bridge Retrofit Conduct site inspections, conduct seismic evaluations, identify alternative schemes for seismic retrofit, prepare plans and specifications for construction incorporating the retrofit.	DES CON	450 600	360 480	90 120	450 360	360 90	450 90	360 90	360 90	90	BRIDGE ON-SYSTEM BRIDGE ON-SYSTEM
C11 Traffic Signal Maintenance Facility Design, construct, and equip a new traffic signal operating and maintenance facility.	PLN DES CON	50 250	40 200	10 50							STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE
C12 Traffic Signal Optimization, Phase 3 Analyze, develop, and implement new signal timing plans on various roadways to improve the flow of vehicular traffic.	DES	450	360	90	450	360	450	360	360	90	STP FLEXIBLE
C13 Traffic Signals at Various Intersections Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.	CON DES CON	2,000 250	1,600 200	400 50							STP FLEXIBLE STP FLEXIBLE STP FLEXIBLE
Phase 10	DES CON		250		2,000	1,600	250	200	1,600	400	STP FLEXIBLE STP FLEXIBLE
Phase 11	DES				250	200	250	200	1,600	400	STP FLEXIBLE
C&C HONOLULU - FHWA TOTAL		21,185	16,668	4,517	17,160	13,728	3,432	30,450	24,360	6,090	FTA \$5310
OAHU : STATE - FTA											
S62 Elderly & Persons with Disabilities Program Vehicle Acquisition for Urban Areas The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient, or inappropriate.	EQP	220	176	44							
OAHU : STATE - FTA TOTAL		220	176	44	0	0	0	0	0	0	

PROJECT	PHASE	FY 2006			FY 2007			FY 2008			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)	
C20	Transfer to FHWA for Vanpool <i>FTA Section 5307 funds to be transferred to FHWA for Hawaii DOT's Vanpool program.</i>	1,122	1,122	0	1,122	1,122	0	1,122	1,122	0	FTA \$5307
C21	Transit Radio Replacement Phase III <i>Install automated vehicle location and computer-aided dispatch components to the paratransit radio communications system.</i>	DES 250 EQUIP 1,050	200 840	50 210							FTA \$5307 FTA \$5307
C22	Transit Related Safety and Security Projects <i>Capital projects at various locations to improve security/safety at bus stops, park-and-ride lots, and bus facilities.</i>	EQUIP 50	40	10	200	160	40	200	160	40	FTA \$5307
C23	Wahiawa Transit Center <i>Construct a transit center and parking structure on a parcel bordering Center Street and California Avenue.</i>	DES 500 CON 3,929	2,429	1,500							FTA \$5309 Bus Capital FTA \$5309 Bus Capital
C&C HONOLULU - FTA TOTAL		45,501	35,351	10,150	114,772	56,479	58,293	52,183	42,718	9,465	

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APPENDIX A

TIP Recommendations as Adopted by the OMPO CAC On February 16, 2005

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**Oahu Metropolitan Planning Organization
Citizen Advisory Committee**

**Recommendations to the Fiscal Years 2006-2008
Transportation Improvement Program**

**Submitted to the
Oahu Metropolitan Planning Organization's
Policy Committee
February 22, 2005**

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Recommendations to the Fiscal Years 2006-2008 Transportation Improvement Program

Background

In November 2004, 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 screen nominated projects and provide an initial listing of qualified projects to the CAC for its consideration and recommendation to the Policy Committee for inclusion in the Fiscal Years (FYs) 2006-2008 TIP. A call for priority projects was given to CAC members on November 5, 2004. The subcommittee met three times in December 2004, establishing criteria and evaluating the CAC member-nominated projects. As some of these projects are already in the FYs 2004-2006 TIP, for consistency, the subcommittee reviewed the entire FYs 2004-2006 TIP for other projects – where obligation of funds for 2006 is in question and those which are worthy of continued inclusion in the FYs 2006-2008 TIP. A summary of the subcommittee process and recommendations follows. The attachment is a matrix of projects proposed for the FYs 2006-2008 TIP.

The subcommittee members included:

Aliamanu-Salt Lake-Foster Village Neighborhood Board (NB) #18	Larry Baird
Hawaii Bicycling League	John Goody
Land Use Research Foundation	Paul Schwind
Leeward Oahu Transportation Management Association	Mindy Norris
Makakilo-Kapolei-Honokai Hale NB #34	Mike Golojuch
Makiki-Lower Punchbowl-Tantalus NB #10	Charles Carole
Mililani Mauka-Launani Valley NB #35	Pamela Young
Nuuanu-Punchbowl NB #12	Joe Magaldi
The Sierra Club Hawaii Chapter	Marilyn Gates
Wahiawa NB #26	Robert Kent
Waipahu NB #22	Craig Richter

Screening Criteria

The subcommittee established criteria for project selection that included:

1. Project must be "ready-to-go" by the program year.
2. Implementation Considerations include:
 - That the project be practical to implement, and
 - Be feasible to maintain and repair
3. Conceptual criteria concerning effectiveness in achieving the project's purpose include:
 - Quality
 - Economic Development
 - Health, Safety, Crime
 - Inter-modal, and
 - Social Impact

4. That the project be consistent with the Transportation for Oahu Plan 2025 (TOP 2025), and be effective in meeting the intended need(s) of the community

TOP 2025 Goals:

- Transportation Service (12 sub-goals)
- Quality of Life (9 sub-goals)
- Community Responsibility (3 sub-goals)
- Demand Management (3 sub-goals)

These goals lead to projects in the following categories:

- Congestion Relief
- Transit and Alternative Modes
- Operations and Safety
- Second Access
- Support Community Planning Goals
- Provide Local Community Circulation and/or Access

Project Screening Process

The list of proposed projects was first screened to consolidate duplicate submittals of the same project and to determine which projects were on the FYs 2004-2006 TIP. The consolidated projects were then discussed and evaluated using the above criteria in multiple rounds of discussion and polling; a draft list of projects for recommendation was developed. Lastly, some projects already in the TIP were separated into phases to be consistent with the current state of project planning.

CAC Approval

The subcommittee recommendations were sent to the CAC members on January 7, 2005; comments were due by February 11. The subcommittee members presented their recommendations at the January 19, 2005 CAC meeting, noting that a vote would be requested at the February CAC meeting. The CAC unanimously voted to approve the recommendations at its February 16, 2005 meeting.

Recommendations

The CAC recommendations fall into three categories (described below). The CAC recommends that the following projects be submitted to the Policy Committee and implementing agencies for inclusion in the FYs 2006-2008 TIP. The matrices in Appendix A provide additional information.

Category #1

These projects were submitted by the CAC members, screened by the Subcommittee, and found to be qualified according to the criteria discussed above. Also, some of these projects are in the FYs 2004-2006 TIP. These projects are recommended for inclusion in the FYs 2006-2008 TIP:

1. Makakilo Drive Extension
2. Young Street Parkway
3. Travel Demand Management
4. Vanpool
5. Makakilo – H-1 Interchange
6. Farrington Highway Widening
7. Leeward Community College Access
8. North South Road Phases I, II, and III
9. H-1 Kapolei Interchange
10. Fort Barrette Road Widening
11. Kapolei Parkway, Units 1, 2, and 3

Category #2

These projects are listed in the FYs 2004-2006 TIP. Should their implementation be delayed, they are recommended to be carried over to the FYs 2006-2008 TIP:

1. S-38 Kalaniana'ole Highway Improvements, Olomana GC to Waimanalo BP
2. S-41 Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial
3. S-64 Kamehameha Highway Widening, Lanikuhana Ave. to Ka Uka Blvd.
4. S-62 Kamehameha Highway Improvements, Hygienic Store to Kaalea Stream Bridge
5. C-18 Kamokila Blvd. Extension
6. S-65 Leeward Bikeway

Category #3

These projects were submitted by the CAC and meet all of the screening criteria with the exception of being "ready-to-go" within the FYs 2006-2008 period. These projects are recommended for inclusion in the TIP for the planning phase only.

1. H-1 Widening Eastbound Waiawa to Halawa
2. H-1 Widening Westbound Waiiau through Waiawa
3. Kunia Road Widening



Appendix A:
Matrices by Category
Projects Proposed for Inclusion in the
Fiscal Years 2006-2008 Transportation Improvement Program



**CAC Projects Proposed for Inclusion in the Fiscal Years 2006-2008 Transportation
CATEGORY #1 PROJECTS**

#	Project Name	IA/TIP*	Description	Related Work	Rec
1	MAKAKILO DRIVE EXTENSION TO H-1 (SECOND ACCESS)	City	Construct a new roadway connecting the end of Makakilo Drive to the proposed North/South Road Interchange. Makakilo Drive currently ends near the top of the hill, almost three miles from the existing Makakilo Interchange on H-1, the only means of access for the residents of Makakilo. The drive needs to be connected to the new North-South Road and Interchange providing access to the H-1. (NOTE: This road configuration appears on the Kapolei Area Long Range Master Plan depicted in the Estate of James Campbell booklet, "A City Comes Into Being: Kapolei 1993.")	Roadway portion within the Palehua East B development (Castle & Cooke) has been designed and site work has begun. \$75,000 appropriated in FY 2004-2005 for initial planning study. Since this project was first proposed, \$75,000 was released for planning (announced at the Makakilo/Kapolei/Honokai Hale Neighborhood Board meeting in May, 2004). City contract for planning and environmental assessment of the connecting portion (including ROW acquisition) is being processed. Castle & Cooke is privately funding \$4.3 million for a 3,000 foot extension of Makakilo Drive to service its new home development in the area. About 3,200 linear feet of roadway remain for extension to H-1. Assuming some inflation and less than one-to-one relationship of expended C&C funds against initial OMPO estimates, perhaps \$6 million will be needed to complete TOP 2025 ORTP Project E-14. With OMPO backing to gain federal funds, the remaining cost would be about \$1.2 million.	Qualified
2	YOUNG STREET PARK BOULEVARD, PHASE 4	City	Enhance Young Street corridor between McCully and Isenberg streets Improve within existing right-of-way for pedestrian, bikeway, drainage, landscaping. Estimated cost: \$5 million	Phase 1 completed between Thomas Square and Pensacola. Phases 2 and 3 in the works. Phase 4 is needed. Funds appropriated under "Bicycle Projects" in FY 2004 and FY 2005 subject to agreement on design.	Qualified
3	TRAVEL DEMAND MANAGEMENT PROGRAM	State	Implement an aggressive, island-wide Travel Demand Management (TDM) program. Program should include: free real-time online carpool matching; outreach, marketing and promotion of alternative transportation (carpool, vanpool, TheBus, bicycle, walking, telecommuting, compressed work weeks, etc.); Emergency Ride Home Program; major special events (i.e. Beat the School Jam, Rideshare Week, Bike to Work Day); promotion and support of employer based commuter programs; and implementation of emerging and innovative TDM strategies, such as car-sharing.	Related programs include Vanpool Hawaii, TheBus and LOTMA. In the past, DOT had a more aggressive rideshare program, but this program has been scaled back and now only includes free carpool matching, with minimal marketing and staff.	Qualified
4	VANPOOL PROGRAM	State S80	Continue the implementation of the Vanpool Hawaii program, which provides groups of commuters with vans for shared use during their commute.	The Vanpool Hawaii program has been operating for more than 10-years and successfully serves approximately 1200 Oahu commuters.	Qualified and in TIP
5	INTERSTATE ROUTE H-1, ADDITION AND MODIFICATION OF HIGHWAY ACCESSES, MAKAKILO TO PALAILAI INTERCHANGES	State S10	Improve Makakilo and Palailai Interchanges. Complete design and start construction.	Most of Makakilo Interchange and portions of Palailai Interchange are existing. \$2,000,000 appropriated for planning in FY 2005. Planning by State DOT for this project has started. Need to keep DOT moving.	Qualified and in TIP
6	FARRINGTON HIGHWAY WIDENING	Both	Improve and widen Farrington Highway from two (2) to four (4) lanes between old Fort Weaver Road and Kapolei Golf Course. Complete design and start construction.	Farrington Highway is an existing two-lane highway between old Fort Weaver Road and Kapolei Golf Course. Planning funds were shown in the last TIP for this project. State DOT has been working with the City and County and a group of "Developers/Builders" to keep this and other Kapolei (new city) projects moving.	Qualified
7	LEEWARD COMMUNITY COLLEGE SECOND ACCESS ROAD	State S66	Construct a second access to LCC between west side of the campus to the Waipio Point Access	Money has been appropriated for design, ROW, and construction.	Qualified and in TIP

#	Project Name	IA/TIP*	Description	Related Work	Rec
8A	NORTH-SOUTH ROAD, PHASE I – KAPOLEI PARKWAY TO VICINITY OF INTERSTATE ROUTE H-1	State S74	Construct a three-lane roadway from Kapolei Parkway to Interstate Route H-1.	State DOT has been working with this and other related Kapolei projects. There is also group of "Developers/Builders" who have been working with various State and City and County agencies to keep these projects moving as well as providing money for this project. A Revised Draft Environmental Assessment was completed in July 2004. Construction is programmed for FY 2006 in the current TIP. \$24,000,000 appropriated for construction in FY 2005.	Qualified and in TIP
8B	NORTH-SOUTH ROAD, PHASE II – FARRINGTON HIGHWAY TO H-1 FREEWAY AND NEW INTERCHANGE WITH H-1	State	Complete design and start construction of Phase II, widening Phase I to six lanes. It also includes the new H-1 interchange for the North-South Road.	State DOT has been working with this and other related Kapolei projects. There is also group of "Developers/Builders" who have been working with various State and City and County agencies to keep these projects moving as well as providing money for this project. This is also related to the extension of Makakilo Drive, which is a City Project (item E-14 on the TOP2025 ORTP).	Qualified
8C	NORTH-SOUTH ROAD, PHASE III – KAPOLEI PARKWAY TO FRANKLIN D. ROOSEVELT AVENUE	City	Develop segment of North-South Road between Kapolei Parkway and FDR Avenue.	North-South Road Phases I and II. Programmed for FYs 2006-2008 in the City Six-Year CIP Budget.	Qualified
9	INTERSTATE ROUTE H-1, ADDITION AND MODIFICATION OF HIGHWAY ACCESSES, KAPOLEI INTERCHANGE	State S10	Construct a new interchange (Kapolei Interchange). Complete design and start construction.	\$2,000,000 appropriated for planning of Makakilo and Palalailai Interchanges in FY 2005, but additional funds for Kapolei Interchange were not appropriated in 2004 as anticipated, although Federal funds may now be earmarked for Kapolei Interchange. Campbell Estate has put up the money to do this project. Need to keep DOT moving.	Qualified and in TIP
10	FORT BARRETTE ROAD WIDENING – FARRINGTON HIGHWAY TO FRANKLIN D.	State S6	Complete design and construction to widen Fort Barrette Road from two to four lanes.	Planning funds were shown in the last TIP for this project. State DOT has been working with the City and County and a group of "Developers/Builders" to keep this and other Kapolei (new city) projects moving.	Qualified and in TIP
11A	KAPOLEI PARKWAY, UNIT 1	City C19	Complete design and start construction. This is two small sections of the Kapolei Parkway controlled by both the City and DHHL (formerly HCDCH), connecting Renton Road (Ewa Villages) and the existing Kapolei Parkway (Villages of Kapolei).	The Ewa/Kapolei Vision Team supported \$500,000 toward the design phase. State and City have been working together. There are also funds set aside by developers in the area for six projects. This is one of them – completion of Kapolei Parkway Extension from Kapolei Middle School to North-South Road. City appropriated \$300,000 for design in FY 2003 and \$601,000 for design and construction in FY 2005. Construction is programmed for FY 2007 in the City Six-Year CIP Budget.	Qualified
11B	KAPOLEI PARKWAY, UNIT 2	City C21	Begin planning and environmental documentation of extension of Kapolei Parkway from Karmokila Boulevard to Fort Barrette Road.	The Ewa/Kapolei Vision Team supported \$500,000 toward the design phase. State and City have been working together. There are also funds set aside by developers in the area for six projects. Programmed for FYs 2006-2009 in the City Six-Year CIP Budget.	Qualified
11C	KAPOLEI PARKWAY, UNIT 3	City C22	Begin planning and environmental documentation of extension of Kapolei Parkway from Aliinui Drive to Kalaeloa Boulevard.	The Ewa/Kapolei Vision Team supported \$500,000 toward the design phase. State and City have been working together. There are also funds set aside by developers in the area for six projects. Programmed for FYs 2006-2009 in the City Six-Year CIP Budget.	Qualified

*IA/TIP = Implementing Agency and TIP project number if applicable

**CAC Projects Proposed for Inclusion in the Fiscal Years 2006-2008 Transportation
CATEGORY #2 PROJECTS**

#	Project Name	IA/TIP*	Description	Related Work	Rec
1	KALANIANA'OLE HIGHWAY IMPROVEMENTS, OLOMANA GOLF COURSE TO WAIMANALO BEACH PARK	State S38	Improvements include the construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocation, and drainage improvements.	Design programmed in current TIP for FY 2005, and right-of-way in FY 2006. Funds for design appropriated for FY 2005. Funds for construction programmed for FY 2007.	In existing TIP
2	KAMEHAMEHA HIGHWAY BIKEWAY, RADFORD DRIVE TO ARIZONA MEMORIAL	State S41	Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.	Funds for construction programmed for FY 2004 and appropriated in FY 2004.	In existing TIP
3	KAMEHAMEHA HIGHWAY WIDENING, LANIKUHANA AVENUE TO KA UKA BOULEVARD	State S64	Begin planning for Kamehameha Highway widening, Lanikuhana Avenue to Ka Uka Boulevard.	\$1,500,000 appropriated in FY 2005 for planning. Planning was programmed for FY 2004 in the current TIP. Consultant not yet selected.	In existing TIP
4	KAMEHAMEHA HIGHWAY, TRAFFIC IMPROVEMENTS PHASE 1 - HYGENIC STORE TO KAALAEA STREAM	State S62	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 Hailamoa Stream Bridge with structures that meet current design standards.	Design programmed in current TIP for FY 2004. No construction funds programmed yet.	In existing TIP
5	KAMOKILA BOULEVARD EXTENSION	City C18	Complete design and start construction of extension from Kapolei Parkway to Franklin D. Roosevelt Avenue in Kapolei.	\$400,000 appropriated in FY 2004-2005 for design. Construction is programmed for FY 2006 in the current TIP. Obligation of planning funds in progress.	In existing TIP
6	LEEWARD BIKEWAY	State S65	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.	Funds for construction of Phase I programmed for FY 2006, but not appropriated. Phase II will be from the Hawaii Railroad Society Train Station to the Luaualei Naval Road.	In existing TIP

*IA/TIP = Implementing Agency and TIP project number if applicable

**CAC Projects Proposed for Inclusion in the Fiscal Years 2006-2008 Transportation
CATEGORY #3 PROJECTS**

#	Project Name	IA/TIP*	Description	Related Work	Rec
1	INTERSTATE ROUTE H-1, WIDENING EASTBOUND WAIAWA TO HALAWA	State	Interstate Route H-1, widening eastbound Waiawa to Halawa.	Interstate Route H-1 improvements, eastbound, Middle Street to Vineyard Boulevard, is included in the FYs 2004-2006 TIP (S19).	Propose planning funds for FY 2006-2008
2	INTERSTATE ROUTE H-1, WIDENING WESTBOUND WAIWAU TO AND THROUGH WAIAWA INTERCHANGE	State	Interstate Route H-1, widening westbound Waiawa to and through Waiawa Interchange.	Waiawa Interchange, westbound, additional westbound lane and Waipahu off-ramp improvements, are included in the FYs 2004-2006 TIP; \$3,000,000 appropriated for design in FY 2005. Interstate Route H-1, widening (westbound), Waimalu viaduct to Pearl City off-ramp, was included in the FYs 2002-2004 TIP; \$2,500,000 appropriated for design in FY 2004.	Propose planning funds for FY 2006-2008
3	KUNIA ROAD WIDENING, H-1 TO VICINITY OF ANONU STREET	State	Kunia Road widening, H-1 to vicinity of Anonui Street.	\$2,000,000 appropriated in FY 2004 for construction (widening and installation of traffic signals at Honowai Street, curb and gutter, concrete sidewalk, and drainage structures).	Propose planning funds for FY 2006-2008

*IA/TIP = Implementing Agency and TIP project number if applicable

APPENDIX B

**City Council Resolution No 05-140, CD1
Adopted on May 11, 2005**

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CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
CERTIFICATE

RESOLUTION 05-140, CD1

Introduced: 4/20/05 By: DONOVAN DELA CRUZ (BY REQUEST)

Committee: PLANNING & TRANSP.

Title: RESOLUTION APPROVING THE CITY AND COUNTY OF HONOLULU'S LIST OF CANDIDATE PROJECTS FOR CONSIDERATION IN THE FISCAL YEARS 2006-2008 TRANSPORTATION IMPROVEMENT PROGRAM.

Links: [RES. 05-140](#)
[RES. 05-140, CD1](#)
[D-365](#)

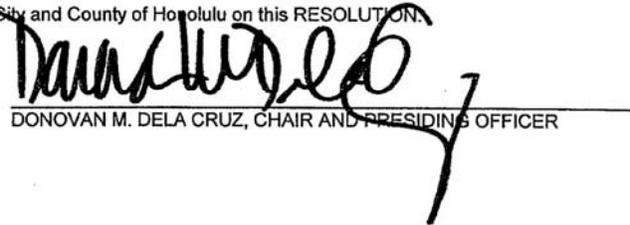
Planning & 4/26/05 CR-181 – Resolution reported out of committee for adoption as amended in CD1 form.
Transp.

Council 5/11/05 Resolution, as amended (CD1), and CR-181 adopted.

Apo	Y	Cachola	E	DeLa Cruz...	Y	Djou	Y	Garcia.....	Y
Kobayashi.....	Y	Marshall.....	Y	Okino.....	Y	Tam	Y		

I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this RESOLUTION.


DENISE C. DE COSTA, CITY CLERK


DONOVAN M. DELA CRUZ, CHAIR AND PRESIDING OFFICER



RESOLUTION

APPROVING THE CITY AND COUNTY OF HONOLULU'S LIST OF CANDIDATE PROJECTS FOR CONSIDERATION IN THE FISCAL YEARS 2006-2008 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. 03-209, CD1, FD1, on August 6, 2003, the Council of the City and County of Honolulu approved the City's input to the Fiscal Years (FYs) 2004-2006 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 2006-2008 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 1 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



CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. 05-140, CD1

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:

Donovan Dela Cruz

DATE OF INTRODUCTION:

April 20, 2005
Honolulu, Hawaii

(OCS/050505/ct)

Councilmembers

CITY AND COUNTY OF HONOLULU
 PROJECTS FOR CONSIDERATION IN THE FYS 2006-2008 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT	Work Phase	FY 2006			FY 2007			FY 2008			FEDERAL FUNDING CATEGORY
		Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	Total (\$000)	Federal (\$000)	Local (\$000)	
Alapai Transit Center & Joint Traffic Management Ctr. Design, construct, and equip joint City/State traffic management center element at the existing Alapai Express Bus Terminal.	DES CON EQUIP				\$ 2,000	\$ 1,600	\$ 400	\$ 20,000	\$ 16,000	\$ 4,000	FHWA CMAQ
TOTAL		\$ -	\$ -	\$ -	\$ 2,000	\$ 1,600	\$ 400	\$ 21,000	\$ 16,800	\$ 4,200	
Bridge Inspection and Appraisal Inventory, inspect, and appraise City bridges, and prepare plans for bridge repairs.	DES	\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	FHWA HBRR
TOTAL		\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	\$ 350	\$ 280	\$ 70	
Computerized Traffic Control System Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control for connectivity to the Traffic Control Center.	DES CON EQUIP	\$ 300 \$ 3,000 \$ 20	\$ 240 \$ 2,400 \$ 16	\$ 60 \$ 600 \$ 4	\$ 300 \$ 3,000 \$ 4	\$ 240 \$ 2,400 \$ 4	\$ 60 \$ 600 \$ 4	\$ 300 \$ 3,000 \$ 160	\$ 240 \$ 2,400 \$ 128	\$ 60 \$ 600 \$ 32	FHWA STP
TOTAL		\$ 3,320	\$ 2,656	\$ 664	\$ 3,300	\$ 2,640	\$ 660	\$ 3,460	\$ 2,768	\$ 692	
Hihimanu Street Sidewalk Improvements Construct 3,000-ft long sidewalk on the shoulder of Hihimanu Street from Kakaina Street to Waimanalo District Park.	CON	\$ 600	\$ 600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FHWA Public Lands Discretionary Fund Program
TOTAL		\$ 600	\$ 600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Honolulu Traffic Control Center Operations Operate and maintain the Traffic Control Center, including labor, utilities, equipment, and administrative costs.	EQUIP OP	\$ 200 \$ 600	\$ 160 \$ 480	\$ 40 \$ 120	\$ 200 \$ 600	\$ 160 \$ 480	\$ 40 \$ 120	\$ 200 \$ 600	\$ 160 \$ 480	\$ 40 \$ 120	FHWA CMAQ
TOTAL		\$ 800	\$ 640	\$ 160	\$ 800	\$ 640	\$ 160	\$ 800	\$ 640	\$ 160	
Kamokila Boulevard Extension Design and construct an extension of Kamokila Boulevard to Franklin D. Roosevelt Avenue in Kapolei.	DES CON				\$ 400	\$ 320	\$ 80	\$ 3,900	\$ 3,120	\$ 780	FHWA STP
TOTAL		\$ -	\$ -	\$ -	\$ 400	\$ 320	\$ 80	\$ 3,900	\$ 3,120	\$ 780	
Kapolei Parkway Design and construct Kapolei Parkway in 2 phases between Renton Road and the City/State property line at the western boundary of Ewa Villages.	DES CON	\$ 30 \$ 12,000	\$ 24 \$ 9,600	\$ 6 \$ 2,400				\$ 30 \$ 8,000	\$ 24 \$ 6,400	\$ 6 \$ 1,600	FHWA STP
TOTAL		\$ 12,030	\$ 9,624	\$ 2,406	\$ -	\$ -	\$ -	\$ 8,030	\$ 6,424	\$ 1,606	
Kapunahala Stream Flood Control Project Provide a relief drain system to supplement an existing inadequate drain system along Kapunahala Stream.	CON				\$ 5,000	\$ 4,000	\$ 1,000				FHWA Public Lands Discretionary Fund Program
TOTAL		\$ -	\$ -	\$ -	\$ 5,000	\$ 4,000	\$ 1,000	\$ -	\$ -	\$ -	
Makakilo Drive Extension Plan roadway extension	PLN	\$ 375	\$ 300	\$ 75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	FHWA STP
TOTAL		\$ 375	\$ 300	\$ 75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

EXHIBIT 1

PROJECT	Work Phase	FY 2006			FY 2007			FY 2008			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				\$ 1,000	\$ 800	\$ 200						
	CON				\$ 6,000	\$ 4,800	\$ 1,200						
	EQUIP				\$ 1,000	\$ 800	\$ 200						
	TOTAL				\$ 8,000	\$ 6,400	\$ 1,600						
Oahu Intra-Island Ferry	PLN												
	PLN			\$ 200									
	DES				\$ 1,900	\$ 1,520	\$ 380						
	CON				\$ 200	\$ 160	\$ 40						
	OP			\$ 750									
	TOTAL			\$ 3,950	\$ 3,000	\$ 950							
Preventive Maintenance Capital assistance for eligible transit maintenance costs.	OP				\$ 23,325	\$ 18,660	\$ 4,665						
					\$ 3,925	\$ 3,140	\$ 785						
	TOTAL				\$ 27,250	\$ 21,800	\$ 5,450						
Transfer to FHWA for Vanpool FTA funds to be transferred to FHWA for Hawaii DOT's vanpool program.					\$ 1,122	\$ 1,122	\$ -						
Transit Radio Replacement, Phase III Install automatic vehicle location & computer-aided dispatch components to the paratransit radio communications system.	DES				\$ 250	\$ 200	\$ 50						
	EQUIP				\$ 1,000	\$ 800	\$ 200						
	INSP				\$ 50	\$ 40	\$ 10						
	TOTAL				\$ 1,300	\$ 1,040	\$ 260						
Transit Related Safety/Security Capital projects at various transit locations to improve safety and security.	EQUIP				\$ 50	\$ 40	\$ 10						
	TOTAL				\$ 50	\$ 40	\$ 10						
Wahiawa Transit Center Construct a transit center in Wahiawa adjacent to State of Hawaii Civic Center.	DES				\$ 500	\$ -	\$ 500						
	CON				\$ 3,929	\$ 2,429	\$ 1,500						
	TOTAL				\$ 4,429	\$ 2,429	\$ 2,000						
SUBTOTAL: FTA-FUNDED PROJECTS					\$ 45,501	\$ 35,351	\$ 10,230						
GRAND TOTAL					\$ 67,686	\$ 53,219	\$ 14,547						

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 non-motorized 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 2006 through June 2008. 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 consistency with Oahu Regional Transportation Plan, and Oahu Regional ITS Architecture, prepare Environment Justice/Title VI analysis, and prepare a technical evaluation of highway and transit projects which includes confirming that congestion-related projects went through the CMS process.
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 Intergovernmental Review 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. Prepare an evaluation of transit projects based on the transit project selection criteria.
4. Coordinate DTS TIP activities and responsibilities including input from transportation agency and transit operator employee representatives where appropriate.
5. 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 2004 and 2006 of the FYs 2004-2006 TIP

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The OMPO FYs 2004-2006 TIP was endorsed by the OMPO Policy Committee in August, 2003, and amended thirteen times. The following table lists the federally funded projects programmed in FYs 2004 and 2005 of the FYs 2004-2006 TIP, the phases and years programmed, and the status as of March 31, 2005.

**OAHU TRANSPORTATION IMPROVEMENT PROGRAM, FYS 2004-2006
AS OF AMENDMENT #11**

**Project Status Report for Federally-Funded Projects in Federal Fiscal Year 2005
As of March 31, 2005**

STATE OF HAWAII PROJECTS

Project	Phase	ESTIMATED in FY 2005 (x \$1,000)	TEA-21 FUNDING CATEGORY	OBLIGATED (Yes /No)	STATUS	
FEDERAL HIGHWAY ADMINISTRATION						
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	Bridge On-System	No	OK for FY '05
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	350	Bridge On-System	No	OK for FY '05
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	Minimum Guarantee	No	OK for FY '05
S7	Fort Weaver Road Widening, Vicinity of Aawa Street to Geiger Road <i>Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting</i>	CON ROW	33,700 100	Congestion Mitigation and Air Quality Congestion Mitigation and Air Quality	No	OK for FY '05

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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. Phase I</i>	CON	2,000	National Highway System	No	Will propose to defer to FY '06 due to design delays and slow develop- ment of ITS elements
S17	Interstate Route H-1, Guardrail and Shoulder Improvements, Waialeale Bridge to Airport Interchange <i>Install and/or upgrade the existing guardrails, end terminals, transitions, bridge railing, bridge endposts, and crash attenuators, Project will also reconstruct and pave road shoulders</i>	CON	4,300	Interstate Maintenance	No	OK for FY '05
S18	Interstate Route H-1, Highway Lighting Improvements, Vicinity of Kaimakani Overpass to Vicinity of Gulick Avenue <i>Upgrade and replace existing highway lighting.</i>	DES	600	Interstate Maintenance	No	OK for FY '05
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	National Highway System	No	Feasibility study not complete

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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	Interstate Maintenance	No	Feasibility study not complete
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	National Highway System	No	No consultant
S34 James Campbell National Wildlife Refuge <i>To be administered by the U.S. Fish and Wildlife Service.</i>	DES	30	Public Lands Discretionary	No	OK for FY '05
S36 Kalaniana'ole Highway, Bridge Replacement, Inoaole Stream Bridge <i>(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</i>	ROW	525	National Highway System	No	OK for FY '05
S38 Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park <i>Improvements include the construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocations, and drainage improvements.</i>	DES	625	National Highway System	No	OK for FY '05

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S40 Kalaniana'ole Highway, Intersection Improvements at Hanauma Bay <i>Construction of left-turn lane into Hanauma Bay.</i>	CON	2,000	National Highway System	No	OK for FY '05
S42 Kamehameha Highway, Bridge Replacement, In-Bound Cane Haul Road Structure, Vicinity of Waipahu <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>	ROW	500	Bridge On- System	No	More time required to evaluate ROW options. Propose to defer ROW to FY '06
S43 Kamehameha Highway, Bridge Replacement, Out-Bound Cane Haul Road Structure, Vicinity of Waipahu <i>Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings.</i>	ROW	500	Bridge On- System	No	More time required to evaluate ROW options. Propose to defer ROW to FY '06
S44 Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge <i>(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.</i>	ROW	310	Bridge On- System	No	OK for FY '05

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S45	<p>Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge <i>(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.</i></p>	ROW	700	Bridge On-System	No	No consultant contract. Propose to defer to FY '06.
S46	<p>Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge <i>(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</i></p>	ROW CON	150 2,200	Bridge On-System Bridge On-System	No	Environmental work not complete. Propose to defer to FY '06
S48	<p>Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge <i>(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.</i></p>	CON	5,200	Bridge On-System	No	ROW maps needed

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S49	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge <i>(Kaaawa, near Trout Farm Road)</i> Replace the existing bridge with a concrete structure that meets current design standards. The new structure will accommodate sidewalks and bridge railings.	ROW	900	Bridge On-System	No	No consultant contract. Propose to defer to FY '06
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 CON	640 6,055	Bridge On-System Bridge On-System	No	Environmental work not complete. Outdoor Circle trying to save a ficus tree. Delay could mean deferral to FY '06
S53	Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8 <i>Upgrade and replace existing highway lighting.</i>	DES	400	National Highway System	No	OK for FY '05
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	National Highway System	No	OK for FY '05

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S56	Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge <i>(Laieloa) Rehabilitate the existing bridge to meet current design standards. The bridge will be widened and have bridge railings.</i>	DES	725	Bridge On- System	No	OK for FY '05
S59	Kamehameha Highway, Rehabilitation of Waipilopilo 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	Bridge On- System	No	OK for FY '05
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	National Highway System	No	OK for FY '05
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	National Highway System	No.	No consultant yet

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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 ROW	1,000 500	Local Local	No	Planning stalled. May need to defer
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	Interstate Maintenance	No	OK for FY '05
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	Interstate Maintenance	No	OK for FY '05
S70 Moanalua Freeway, Seismic Retrofit, Puuloa Interchange, Puuloa Separation <i>Retrofit current bridge to meet current State seismic criteria.</i>	DES	1,230	Bridge On-System	No	OK for FY '05. Also to combine with OS71
S74 North/South Road, Kapolei Parkway to Vicinity of Interstate Route H-1 <i>Construct a three-lane roadway from Kapolei Parkway to Interstate H-1.</i>	ROW CON CON	500 34,000 13,250	STP Flexible STP Flexible High Priority	Yes	OK

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S83 Oahu Railway and Land (OR&L), Repair Tracks, Fort Weaver Road to Kahe Point <i>Purchase cross-ties, spikes and other track hardware to restore the historic OR&L right-of-way from Fort Weaver Road in Ewa to Tracks Beach at Kahe Point.</i>	EQP	50	STP Enhancement	No	OK for FY '05
S76 Sand Island Tunnel - Kalihi Channel <i>Demolish the existing Sand Island Bridge and construct a new four-lane Sand Island Tunnel beneath the Kalihi Channel.</i>	PLN	2,000	National Highway System	No	Project managed by Harbors Division
S80 Vanpool Program <i>Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.</i>	OPER OPER	800 1,040	CMAQ FHWA funds transferred from FTA Sec. 5307 (C17 below)	No	OK for FY '05
C1 Bridge Inspection and Appraisal Program <i>Inventory, inspect, and appraise City bridges, including underwater inspections, scour analyses, surveys, and preparation of plans for bridge repairs.</i>	PLN	350	Bridge Off-System	No	Processing Administrative Amendment #A3 (Revise Cost Estimates)
C2 Computerized Traffic Control System <i>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.</i>				No	Ph 9/10 DES Obligation on schedule. Processing Administrative

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	Phase 6 Phase 9 Phase 10	CON DES CON DES	1,945 200 1,400 200	STP Flexible STP Flexible STP Flexible STP Flexible		Action #A5 (Deferral of Ph 9 CON to a later year.)
C24	Dillingham Boulevard Transit Improvements <i>Construct 7 new bus pullouts on Dillingham Blvd. between Puuhale Road and North King Street, including ADA compliance, utility adjustments, driveway adjustments and landscaping. Project will enhance the transit service and improve traffic flow in the major and highly used corridor.</i>	ROW CON INSP	200 3,740 380	STP Flexible STP Flexible STP Flexible	No	Obligation on schedule.
C3	Honolulu Traffic Control Center Operations <i>Operate and maintain the Traffic Control Center. Includes labor, utilities, equipment, management, and administrative costs.</i>	OPER	300	Congestion Mitigation and Air Quality	No	Obligation on schedule.
C18	Kamokila Boulevard Extension <i>Plan, design, and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.</i>	DES CON	400 3,900	STP Flexible STP Flexible	No	Planning study still ongoing. Processing Adminis- trative Action #A5 (Deferral of project to a later year.)

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C19 Kapolei Parkway, Unit 1 <i>Plan, design and construct Kapolei Parkway between Renton Road and the City/State property line at the western boundary of Ewa Villages.</i>	PLN DES	350 450	STP Flexible STP Flexible	No	Processing Administrative Amendment #A3 (Revise Cost Estimates)
C21 Kapolei Parkway, Unit 2 <i>Prepare appropriate environmental documentation on extension of Kapolei Parkway from Kamokila Boulevard to Fort Barrette Road.</i>	PLN	500	Local	N/A	Local funds only.
C5 Preventive Maintenance of Various City Streets <i>Preventive maintenance/pavement preservation (cold planing and resurfacing) of various City streets.</i>	CON	3,000	STP Flexible	No	Obligation on schedule. PS&E being reviewed by SDOT.
C10 Rehabilitation of Streets, Unit 9, Phase I <i>Rehabilitate Kapiolani Boulevard (Kalakaua Avenue to Ward Avenue) and Atkinson Drive.</i>	CON	11,000	STP Flexible	No	Processing Non-Administrative Action #C1 (Deleting a project from the TIP)
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	Bridge Off-System	No	Processing Administrative Amendment #A3 (Revise Cost

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					Estimates)
C7	Salt Lake Boulevard Widening, Phase 2B <i>Complete Salt Lake Boulevard widening project, from Maluna Street to Ala Liliko'i Street.</i>	3,000	STP Flexible	No	Processing Non- Adminis- trative Action #C1 (Deleting a project from the TIP)
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, and prepare plans and specifications for construction incorporating the retrofit measures.</i>	350 600	Bridge Off- System Bridge Off- System	No	Processing Adminis- trative Action #A3 for DES (Revise Cost Estimates), and for CON #A5 (Deferral of project phase to a later year.)

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C9 Traffic Signals at Various Intersections <i>Install and upgrade traffic signals island-wide, including ADA improvements, signs, and markings. Upgrade existing intersections to include left-turn phases and signal coordination.</i> Phase 7 Phase 8	 CON DES	 2,000 200	 STP Flexible STP Flexible	 No No	Obligation of CON funds on schedule. Awaiting approval of request for authorization of DES funds project agreement
FEDERAL TRANSIT ADMINISTRATION					
C11 Bus and Handi-Van Acquisition Program <i>Purchase replacement buses and paratransit buses. FY 2005 = 40 buses (40-foot) + 32 paratransit buses (<30-foot).</i>	 EQP EQP EQP	 1,800 23,000 2,400	 § 5307 § 5309 Bus Capital § 5309 Fixed Guideway Mod.	 No	Submittal of grant applications pending Federal approval of STIP Amendment #7.
C23 In-Town Bus Rapid Transit System (BRT) - Initial Operating Segment <i>Implement proposed federalized portion of the 5.6 mile Iwilei to Waikiki initial operating segment (IOS). The IOS is part of the 12.8 mile In-Town Bus Rapid Transit system. The federalized portion of the IOS includes: (1) purchase of 10 hybrid electric 60-foot buses (to replace 10 40-foot diesel</i>	 EQP CON	 2,400 7,869	 § 5309 New Starts (\$11,880,000) § 5309 Bus Capital (\$7,870,000)	 No	Project was not approved for inclusion in the STIP.

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	<i>buses); (2) construction of roadway improvements (widening Ala Moana Boulevard from Ala Wai Canal to Kalia Road and widening Kalia Road from Paoa Place to Saratoga Road); (3) construction of boarding platforms and canopies at various locations; and (4) utility and traffic signal adjustments.</i>				
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 600 CON 9,816	§ 5309 Bus Capital § 5309 Bus Capital	No	Design funds not needed. Submittal of grant application pending Federal approval of STIP Amendment #7.
C16	Preventive Maintenance <i>Capital assistance for bus maintenance costs.</i>	OPER 26,625 OPER 9,000	§ 5307 § 5309 Bus Capital	No	Submittal of grant applications pending Federal approval of STIP Amendment #7.

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C17 <i>Transfer to FHWA for Vanpool 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	2,210	§ 5307	Yes (partial)	\$1,087,365 from FY 2004 § 5307 apportionment approved for transfer on 1/12/2005. FY 2005 apportionment transfer awaiting full year authority.
C14 Wahiawa Transit Center <i>Construct a transit center in Wahiawa on the corner of California Avenue and North Cane Street.</i>	ROW	727	Local	No	ROW acquisition not needed.
C15 Waianae Transit Center <i>Construct a transit center in Waianae on Leihoku Street, mauka of Farrington Highway.</i>	CON CON	2,044 440	§ 5309 Bus Capital § 5307 (TE)	No	Submittal of grant applications pending Federal approval of STIP Amendment #7.

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