

DEPARTMENT OF TRANSPORTATION  
**REPORT TO THE GOVERNOR  
2005**





## Director's Message



**I**t is my pleasure to submit the Hawaii State Department of Transportation's annual report for the Fiscal Year ending June 30, 2005.

Our department continues to make great progress in securing the state's future in its land, sea and air transportation capacities. While doing so, the department has also been able to uphold its responsive and diligent work ethic towards present-day maintenance.

Our Airports Division continues to work closely with the Transportation Security Administration to improve security measures while maintaining efficiency at the islands' eleven airports. At the Honolulu International Airport, security has been greatly enhanced with the opening of a new, six-lane security checkpoint in December 2004. Security Checkpoint 3 now provides the international terminal with an additional high-volume passenger screening area that will greatly reduce wait-times for our air travelers.

Our Harbors Division continues preparations for numerous pier improvements statewide to enhance the growth of Hawaii's tourism industry. A major renovation of Honolulu Harbor's Pier 2 is underway to accommodate the increased passenger loads of large cruise liners. Neighbor island harbor master plans for Kahului Harbor, Nawiliwili Harbor and Port Allen Harbor are also being updated to the year 2025.

Highway improvement projects are also underway in various phases statewide to assist the growing number of motorists using our state roadways. On Oahu, these projects include the extension of the H-1 Freeway ZipperLane, major maintenance of the Wilson Tunnels on the Likelike Highway, the construction of the North-South Road in Kapolei and the widening of the H-1 Freeway Waimalu Viaduct. The DOT was also very proud to assist local and federal law enforcement agencies with the inaugural test of the statewide Maile-Amber Alert program, which is designed to inform the public of missing children.

The Hawaii State Department of Transportation continues its commitment to safe and efficient modes of transportation in our Aloha State.

Mahalo nui loa,

A handwritten signature in black ink, reading "Rodney K. Haraga". The signature is written in a cursive, flowing style with a long horizontal line extending to the right.

Rodney K. Haraga  
Director

# Airports Division

The statewide airport system consists of eleven airports serving commercial airlines and general aviation flights and four airports serving general aviation flights only. In Fiscal Year (FY) 2005, statewide airports handled 32,589,505 passengers, a 4.9 percent increase compared to the previous year.

Security issues remain a primary concern in this post 9/11 era. The Transportation Security Administration (TSA) and the Airports Division continue their partnership to improve the passenger checkpoint and baggage screening process. Checkpoint 3, a new centralized six-lane passenger security checkpoint opened in December 2004. There are also plans to reconfigure the baggage screening at Honolulu International, Kahului, Lihue and Hilo International Airports. The baggage screening equipment currently located in the ticket lobbies will be relocated and integrated with the conveyor systems. This will relieve the congestion in the ticket lobbies and minimize passenger wait time. Plans are also being finalized to replace the older security access control and closed circuit television (CCTV) systems at statewide airports.



A dedication ceremony was held for Checkpoint 3 at Honolulu International Airport on December 1, 2004. Checkpoint 3 is a centralized six-lane passenger security checkpoint designed to alleviate congestion during the security screening process.

The Airports Division ended FY 2005 with increases in total passenger activity (4.9%) and deplaning international passengers (6.3%) when compared to FY 2004. In addition, aircraft operations, landed weights, and revenue passenger landings increased by 7.3%, 6.8%, and 11.2%, respectively, as compared to FY 2004. In general, the increases are a result of improving economic conditions worldwide and the return of passengers traveling to Hawaii.

In addition, a review of activity statistics over the last four years indicates that the fiscal year ended June 30, 2005 was the best year since the events of September 11, 2001. The upward trend indicates a positive outlook, provided worldwide economic conditions and events remain stable.

The majority of the operating revenues at the Airports Division is activity-based and directly relate to the number of passengers and aircraft operations.

The financial results for FY 2005 improved as a result of increased passenger traffic at the Honolulu International Airport, Kahului Airport, Kona International Airport at Keahole, and Hilo International Airport. Landing fees for FY 2005 increased by 5.8% or \$1.9 million as compared to FY 2004. In total, operating revenues for FY 2005 increased by 4.6% or \$9.8 million as compared to FY 2004.

Nonoperating revenues increased by \$17.4 million due to an increase in interest income, federal operating grants, and the imposition of passenger facility charges.

Interest income increased by \$2.2 million due to the rise of interest rates compared to FY 2004.

Effective October 1, 2004, the Federal Aviation Administration (FAA) granted authority to the Airports Division to impose and collect passenger facility charges (PFC) at the Honolulu International Airport, Kahului Airport, Kona International Airport at Keahole and Lihue Airport. The PFC revenue is to be utilized

for seven FAA approved projects, which all must be implemented by July 16, 2006. The maximum approved PFC revenue to be collected between October 1, 2004 and February 1, 2007 at all four principal airports is \$42,632,466. The PFC revenues (including interest) generated between October 1, 2004 and June 30, 2005 was about \$15.2 million.

Federal capital grants received increased by 67.9% or \$13.4 million compared to FY 2004. The Airports Division will utilize such grants to replace and improve equipment and facilities.

Net assets increased by \$24.9 million for FY 2005, as compared to a decrease of \$17.8 million for FY 2004.

In January 2005, the outstanding balance of \$69.3 million of the Series of 2003 was redeemed, resulting in an \$11.9 reduction in the annual debt service requirement for FY 2006.

In summary, the increase in passenger traffic to Hawaii, imposition of passenger facility charges, rising interest rates, additional sources of funding from federal discretionary grants, and the redemption of airport revenue bonds has enhanced the Airports Division's financial position. Therefore, the future financial outlook for the Airports Division continues to remain optimistic and healthy.

Honolulu International Airport continues to be the State's busiest airport with a passenger traffic count of 19,900,298, an increase of 5.4% over FY 2004. Work has begun on the strengthening of the Diamond Head concourse "Wiki Wiki" bus infrastructure. The Overseas Terminal Improvements, Phase II project was completed. This project renovated the terminal by moving the in-bond concession and a significant portion of the retail and food and beverage concessions. The project also created Security Checkpoint 3 to ease congestion. The project to renovate and rebuild the first and second level roadway was completed, including installation of improved roadway lighting, traffic signals and traffic patterns. In an effort to achieve full compliance with the American with Disabilities Act, the Airports Division completed the Architectural Barrier Removal project covering the Overseas Terminal and the three concourses. These improvements provided increased accessibility for the disabled.

#### Honolulu International Airport

Fiscal Year	Passengers	Change
2005	19,900,298	5.4%
2004	18,877,076	-1.0%
2003	19,060,548	-0.7%
2002	19,202,734	-13.5%
2001	22,197,793	-3.6%

Kahului Airport is the second busiest airport in the State, with 5,692,585 passengers in FY 2005, an increase of 4.7% over FY 2004. Construction is on-going for the ticket lobby improvement projects (Phase Ia and Phase Ib) which will expand to better accommodate mainland flights.

#### Kahului Airport

Fiscal Year	Passengers	Change
2005	5,692,595	4.7%
2004	5,436,946	0.9%
2003	5,386,688	0.1%
2002	5,380,751	-12.7%
2001	6,161,475	1.0%

Traffic at Kona International Airport at Keahole increased 6.5% from FY 2004 to 2,771,635 in FY 2005. This makes Kona International Airport at Keahole the third busiest airport in the State.

#### Kona International Airport at Keahole

Fiscal Year	Passengers	Change
2005	2,771,635	0.3%
2004	2,601,508	1.2%
2003	2,571,730	2.6%
2002	2,506,733	-9.9%
2001	2,780,813	0.2%

Lihue Airport is the fourth busiest airport in the State, with 2,528,997 passengers in FY 2005, a slight increase of 0.3% over FY 2004. At Lihue Airport, construction is nearly complete for Phase II of the general aviation site preparation project. When completed, this project will create a general aviation apron for future development and is expected to generate additional revenue.

#### Lihue Airport

Fiscal Year	Passengers	Change
2005	2,528,997	0.3%
2004	2,522,191	0.1%
2003	2,524,432	-1.5%
2002	2,563,695	-9.2%
2001	2,823,056	-1.4%

Hilo International Airport traffic increased to 1,283,188 passengers in FY 2005.

**Hilo International Airport**

Fiscal Year	Passengers	Change
2005	1,283,188	8.4%
2004	1,184,171	-9.7%
2003	1,311,531	-5.9%
2002	1,394,152	-11.1%
2001	1,568,165	-2.6%

**Kapalua Airport**

Fiscal Year	Passengers	Change
2005	102,403	2.2%
2004	100,117	11.2%
2003	90,058	16.1%
2002	77,5880	-34.8%
2001	119,038	-5.3%

**Molokai Airport**

Fiscal Year	Passengers	Change
2005	188,675	-4.9%
2004	198,309	1.3%
2003	195,809	-10.6%
2002	218,913	-7.8%
2001	237,482	-10.2%

**Lanai Airport**

Fiscal Year	Passengers	Change
2005	97,804	-8.2%
2004	106,524	-13.8%
2003	123,532	-16.7%
2002	148,300	-1.1%
2001	149,974	-10.0%



The Striker 3000, a new state-of-the-art airport crash truck, was acquired by Airports Division's ARFF Unit and a dedication ceremony was held on April 8, 2005 at Honolulu International Airport. The Snozzle (shown in picture on right) has a maximum height of approximately 39-feet and the capability to cut through aircraft metal during rescue missions. The Airports Division currently has 4 Striker 3000s on duty, two at Honolulu International Airport and one each at Kahului and Lihue Airports. Two more Striker 3000s should be delivered later this year for Hilo International Airport and Kona International Airport at Keahole.

Airport	Cargo (tons)			Mail (tons)			Operations		
	FY2005	FY2004	% Change	FY2005	FY2004	% Change	FY2005	FY2004	% Change
<b>Honolulu International (HNL)</b>	399,877	352,205	13.5%	96,381	82,555	16.7%	334,797	307,507	8.9%
<b>Kahului (OGG)</b>	37,419	41,751	-10.4%	11,139	9,730	14.5%	168,184	98,918	70.0%
<b>Hilo International (ITO)</b>	26,741	20,931	27.8%	3,726	1,613	131.0%	117,550	151,899	-22.6%
<b>Kona International at Keahole (KOA)</b>	25,252	25,672	-1.6%	6,930	4,686	47.9%	151,599	122,854	23.4%
<b>Lihue (LIH)</b>	14,385	14,537	-1.0%	3,145	2,112	48.9%	7,830	8,614	-9.1%
<b>Lanai (LNY)</b>	814	877	-7.2%	430	93	362.4%	105,408	101,386	4.0%
<b>Molokai (MKK)</b>	1,160	1,388	-16.4%	90	82	9.8%	37,250	38,962	-4.4%
<b>Waimea (MUE)</b>	0	5	-100.0%	1,435	269	433.5%	2,558	3,232	-20.9%
<b>Hana (HNM)</b>	28	96	-70.8%	0	0	0.0%	5,786	6,228	-7.1%
<b>Kalaupapa (LUP)</b>	232	226	2.7%	12	9	33.3%	4,760	4,670	1.9%
<b>Kapalua (JHM)</b>	858	801	7.1%	0	0	0.0%	7,656	6,548	16.9%
<b>Totals</b>	506,766	458,489	10.5%	123,288	101,149	21.9%	943,378	850,818	10.9%

Note: Does not include all cargo counts for Trans AIR for FY 2005  
Does not include all mail/cargo counts for UPS for FY 2005

# Harbors Division

**H**awaii's system of commercial harbors consists of 10 harbors on six islands. The system plays a vital role in the State's economy as Hawaii imports about 80 percent of what it consumes, of which, approximately 99 percent enters the state through the commercial harbor system.

In FY 2005, our commercial harbor facilities accommodated 1,531,553 cruise ship passengers, compared to 1,322,370 in FY 2004. Norwegian Cruise Lines (NCL) began operating two U. S. flagged ships, *Pride of Aloha* and *Pride of America*, in FY 2005.

Harbor master plans provide an overview of Hawaii's commercial harbor system, facilities, operations, growth projections and projected needs.

An Environmental Assessment for Kahului Harbor (Kahului Harbor Commercial Harbor 2025 Master Plan) was completed and a draft Environmental Impact Statement for Nawiliwili and Port Allen Harbors (Kauai Commercial Harbors 2025 Master Plan) is being prepared.

There is also an ongoing joint Federal-State effort to assess the feasibility of navigational improvements at Kawaihae and Nawiliwili Harbors.

Security projects remain a high priority with the Harbors Division. These projects include the perimeter fencing, barricades, bomb blast abatement, and video monitoring. The Harbors Division was successful in securing federal funds to offset some of the expense of these improvements. The majority of funding, however, has come from the Harbors Special Fund.

## Honolulu Harbor

Honolulu Harbor is the hub of the state harbor system and most of the State's cargo passes through Honolulu. The harbor accommodated 503,837 cruise ship passengers during FY 2005, an increase from 352,881 passengers during FY 2004.

In order to meet the increased demand for passenger terminal space, the Harbors Division is constructing a new cruise ship terminal at Pier 2, Honolulu Harbor. The terminal will be large enough to accommodate the 965-foot "state-of-the-art" cruise ships that are currently docking in Hawaii. Construction for the terminal is scheduled to begin in April 2005 and should be substantially completed by January 2006, when the third Hawaii home ported cruise ship is expected to begin service.



Transportation and construction officials gather at Honolulu Harbor's Pier 2 for a blessing ceremony on April 17, 2005. Pier 2 will be the site for the new cruise ship terminal that is large enough to accommodate the "state-of-the-art" cruise ships that are currently docking in Hawaii.

To ensure that the operational capabilities of the harbor are maintained, \$3 million has been encumbered for special maintenance projects. Major special maintenance projects undertaken during FY 2004 included repairs to pier structures; repaving of container yards flexible; repairs to water, sewer and electrical service; renovation and repair of buildings, including roofing and repainting; improving restroom facilities; installing enhancements for harbor security; and making building modifications for ADA compliance.

## Kalaeloa Barbers Point Harbor

Kalaeloa Barbers Point Harbor is the second busiest harbor in the State system. To improve harbor capacity there is a major joint Federal/State planning project underway to study the feasibility of deepening Kalaeloa Barbers Point Harbor. This project will deepen the turning basin and widening and deepening the entrance channel to the harbor.

To ensure that the operational capabilities of the harbor are maintained, \$54,000 was encumbered for special maintenance projects. One of the major special maintenance projects undertaken during FY 2004 included waterline repairs.

## Kewalo Basin

\$300,000 was encumbered in FY 2004 for special maintenance projects for repairs. Improvement were made to the electrical system and the harbor office was modified



to install an emergency exit.

### **Kahului Harbor**

Kahului Harbor is the third busiest harbor in the state system in terms of traffic and the busiest of the Neighbor Island harbors.

In FY 2005, Kahului Harbor accommodated 189,955 cruise ship passengers over FY 2004's 228,799 passengers.

A total of \$350,000 was encumbered for several major special maintenance projects for FY 2004. Some of the major special maintenance projects undertaken included pier structure repairs, container yard paving, and the repair and upgrade of buildings, restrooms, and utility facilities. Funds were also expended to ensure compliance with U.S. Coast Guard environmental regulations.

### **Kaunakakai Harbor**

\$190,000 was encumbered in FY 2004 for a special maintenance project to repair the pier deck, maintain the fendering system and maintain the causeway at Kaunakakai Harbor.

### **Hilo Harbor**

Hilo Harbor is the Big Island's busiest port and is second only to Honolulu as a port of call for cruise vessels. In FY 2005, Hilo Harbor accommodated 428,757 cruise ship passengers, compared to 372,418 the previous year.

To ensure that the operational capabilities of the harbor are maintained, \$510,000 was encumbered for special maintenance projects. Major special maintenance projects undertaken during FY 2004 included pier structure repairs; building and electrical system repairs; building modifications for ADA compliance; and harbor security enhancements. Funds were also used to ensure compliance with U.S. Coast Guard environmental regulations.

### **Kawaihae Harbor**

\$125,000 was obligated for special maintenance projects in Kawaihae including pier and building structure repairs.

### **Nawiliwili Harbor**

In FY 2005, Nawiliwili Harbor accommodated 409,004 cruise ship passengers, compared to 368,272 the previous year.

\$464,000 was encumbered in FY 2003 for special maintenance projects, which included pier and building structure repairs; building modifications for ADA compliance; and harbor security enhancements. Funds were also used to ensure compliance with U.S. Coast Guard environmental regulations.

### **Port Allen Harbor**

Port Allen Harbor is located on the south end of Kauai, approximately 11 miles from both Nawiliwili Harbor and Lihue Airport.

\$154,000 was encumbered in FY 2004 for special maintenance projects to cover the repair and upgrade of the existing cargo landing shed.

### **Kaumalapau Harbor**

The State's newest harbor is Kaumalapau Harbor on the island of Lanai. This harbor is located on the southwest coast of Lanai and is the island's sole commercial harbor. There is a major project underway, overseen by the U.S. the Army Corps of Engineers, to modify and repair the existing breakwater. This project is needed to reduce wave action in the harbor, thereby increasing harbor safety and usability. The U.S. Army Corps of Engineers awarded the construction contract and project work began this summer.

# Highways Division

**T**he Highways Division manages approximately 2,400 lane miles of highways on six islands. The Division continues to improve safety and increase capacity on the state highways to the extent feasible with the available resources and staff.

Statewide, efforts to involve all segments of the public in highway planning will be intensified this year. We completed two rounds of nine neighbor island public meetings for the development of the Fiscal Year 2006-2008 Statewide Transportation Improvement Program (06 – 08 STIP). These meetings were held in conjunction with public meetings held by the Oahu Metropolitan Planning Organization (OMPO) on the FY 2006-2008 Transportation Improvement Program for Oahu (TIP). The TIP is the Oahu portion of the STIP.

On Oahu, we bid Phase-1A of the North-South Road in Ewa for the first segment between the Kapolei Parkway and Farrington Highway to help ease the existing congestion on Fort Weaver Road and to provide access to future developments in the area. Design for Phases 1B and 1C of North-South Road, which will complete the roadway from Kapolei Parkway to the Interstate Route H-1 Freeway is ongoing and construction advertisement is scheduled for the second half of 2006. The Highways Division has prepared Request for Proposal documents for the widening of Fort Weaver Road from four to six lanes from the vicinity of Aawa Drive to Geiger Road. The project will be a design-build project and is expected to be advertised in early 2006.

The \$55 million westbound widening of the Interstate H-1 Freeway between Kaonohi Street and the Pearl City Off-Ramp is ongoing. It is anticipated that the widened portion will be completed and open to the public by August 2006.

The H-1 Zipperlane Extension was opened to the public in August 2005. This \$9 million project extends the zip-

perlane almost three miles and connects it with the Nimitz Contraflow Lane, providing one continuous route for morning carpoolers, buses, and motorcyclists from Central and Leeward Oahu to downtown Honolulu.

Planning studies have continued on ways to improve traffic flow along the Interstate H-1 Freeway. Included are improvements to the Waiawa Interchange, Waipahu Off-Ramp, and eastbound improvements between the Waiau Interchange and Halawa Interchange. We are also looking at the feasibility of implementing a PM Zipperlane to help relieve the afternoon rush hour traffic on the westbound H-1. In Urban Honolulu, we will be continuing the morning closure of Lunalilo Street On-Ramp/

Vineyard Boulevard Off-Ramp to improve westbound traffic flow on the H-1. We are also designing the addition of another lane between the Liliha Street On-Ramp to the Pali Highway Off-Ramp.



**Governor Lingle** along with area legislators and transportation officials participate in the groundbreaking ceremony for the North-South Road Project on February 9, 2005. The North-South Road Project will complete the roadway between Kapolei and the H-1 Freeway, allowing an alternate entrance to the freeway for one of Oahu's fastest growing communities.

Work continues along the H-3 Interpretive Development Plan (IDP) in cooperation with the Office of Hawaiian Affairs (OHA). Work includes community outreach. The IDP will address the interpretation, maintenance, and appropriate treatment of various archaeological

sites and artifacts that were impacted by the construction of the Interstate H-3 Freeway within the Halawa and Haiku Valleys. The Halawa-Luluku Interpretive Development Office, established by OHA, completed the Strategic Plan and sought approval from OHA.

We are beginning to implement a Freeway Management System (FMS) that will allow HDOT to better manage traffic flow and improve the use of the existing freeway system. The FMS will be implemented in phases: (1) develop a freeway incident management program and traveler information system; (2) install vehicle detectors, closed circuit television (CCTV) and dynamic message signs; and (3) integrate with the City & County of Honolulu Traffic Surveillance System and portions of the Interstate H-3 Tunnel Surveillance System. Phase 1 con-

centrates on providing CCTV and traffic monitoring detection coverage on the Moanalua Freeway/H-1 Loop, Moanalua Freeway and the portion of H-1 between Halawa Interchange and Kahauiki (Middle Street) Interchange. Camera images, camera control and traffic data will be brought back to the H-3 control center. The design for Phase 1 is scheduled to be completed in late 2006.

A major source of congestion along our freeways is incidents. One of the more cost effective techniques in addressing incidents along our freeways (which are a major source of congestion) is Freeway Service Patrols (FSP). The FSP program will utilize a series of roving tow trucks along Oahu's freeway system to assist motorists involved with minor freeway incidents. Also, when requested by law enforcement or emergency agencies, the FSP will provide support at major incidents, such as accidents. The program's initial phase is scheduled to begin operating in Summer 2006.

We continue to replace functionally obsolete and deficient bridges on the State Highway System. The \$5.2 million Kamehameha Highway Kokololio Stream Bridge Replacement project on the north shore was advertised for construction.

Two projects to install or modify Emergency Telephones were bid to improve safety on the freeway for stalled vehicles. Eight other projects to address Americans with Disabilities Act (ADA) items were bid on Oahu and the projects were substantially completed by mid 2005.

On Hawaii, the design-build contract for the first phase of the Queen Kaahumanu Widening project was awarded in May 2005 and construction started in December 2005. The project will widen Queen Kaahumanu Highway to four lanes from Henry Street to Kealakehe Parkway. Planning studies on the Waimea Bypass, the Kawaihae Bypass, the Waiaka Stream Bridge Replacement, and the Kuakini Highway Widening continue.

The \$33.8 million Kealakaha Stream Bridge replacement, using segmental bridge construction, was advertised and awarded in September 2005. Construction is expected to start early 2006.

Three Americans with Disabilities (ADA) compliance projects for the Big Island were advertised, awarded, and substantially completed by mid-2005. The projects involved installing wheel chair ramps or other pedestrian improvements in the Honokaa, Hawi, Kapaau, Hilo, and

Kailua-Kona areas and other various locations on the island.

The \$1.5 million Puukohola Heiau National Historic Site Intersection Improvements project was completed in July 2005. The \$5.7 million Kawaihae Road Guardrail and Shoulder Improvements project continues.

Various system preservation projects were also awarded, such as drainage improvements in the Vicinity of Honolii Bridge, bridge joint repairs, installation of bridge maintenance platforms, Mamalahoa Highway pavement repairs, and the Hilo and North Kona baseyard renovations.

On Maui, the design and construction of Puunene Avenue and Mokulele Highway widening from two to four lanes from Kuihelani Highway to Piilani Highway continues. The project is being constructed in 5 phases. Design for the last two phases is complete. Phase IC, Maui Humane Society to Vicinity of Kolaloa Bridge was bid in November 2005. Bidding for Phase 1A, Vicinity of Kealia Pond Driveway to Piilani Highway is scheduled for early 2006.

Construction for the first phase of the Haleakala Highway widening project between Hana Highway and North Firebreak Road was completed. Advertisement of the second phase from Firebreak Road to the Pukalani Bypass occurred in November 2005. Construction is expected to begin in 2006 and be completed in 2007.

Proposals were opened in March 2005 for the first phase of the Honoapiilani Highway Realignment, Lahainaluna Road to Keawe Street Extension. Due to problems encountered during the procurement process, however, the project will be modified and re-advertised in 2006.

In Paia, we are studying ways to improve traffic flow along Hana Highway. The State's portion of an interim improvement to provide an alternative route for right turning traffic from Hana Highway onto Baldwin Avenue was completed in early 2005. The alternative route will be used on weekdays during afternoon peak traffic hours and is a cooperative effort between the state, Maui County, and Alexander & Baldwin Properties.

On Maui two ADA compliance projects were bid and substantially completed by mid-2005. Resurfacing projects were bid covering the following: Kahekili Highway, Hobron Avenue, Wharf Street, Haleakala Highway, Honoapiilani Highway, and Hana Highway.

The Final Environmental Impact Statement was completed and a Record of Decision obtained for the Kihei-Upcountry Maui Highway project and procurement of a design consultant is ongoing.

The construction for the first phase of the Hana Highway Rockfall Mitigation project at Mile Post 11 on Route 360 was recently completed. Design for the second phase at Mile Post 19 is ongoing and should be completed in 2007.

On the Island of Molokai, work on the Kamehameha V Highway, Emergency Replacement of Kawaikapu Bridge, was started and is scheduled to be completed in 2007. Resurfacing of Kamehameha V Highway from Waialua to Halawa Bay will be starting in 2006.

On Kauai, the “Kapaa Temporary Bypass” and the “Puhi Temporary Bypass” routes, along with the contra-flow operations between Hanamaulu and Wailua continue to temporarily relieve traffic congestion in their respective areas. Construction for the extension of the temporary bypass from Olehana Road to Kuhio Highway is ongoing with the last segment to be completed in 2006. Interim improvements along Kuhio Highway from the temporary bypass road to the Wailua River crossing are being considered. The permanent Kapaa Bypass and the Kaumualii Highway widening projects will provide more permanent solutions to Kauai’s congestion problems. A planning study for this undertaking is currently ongoing and is anticipated to be completed in 2006. Design for the first phase for the widening of Kaumualii Highway, from Kuhio Highway to Anonui Street, is scheduled to be completed in 2007.

In addition to the above for Kauai, one ADA compliance project, one traffic signal modernization project, one safety improvement project, and three roadway resurfacing projects were bid in 2005. These projects will im-

prove mobility and safety, and provide smoother roadways for the traveling public.

## OAHU DISTRICT

On Oahu, approximately \$12 million of projects to install ADA improvements and emergency telephones were completed during the fiscal year. These included; Pedestrian Facilities and ADA Compliance at Various Locations, Unit Nos. 2, 5, 6, 8 and Phase II; H-1 Installation of Emergency Telephones, Palailai Interchange to Halawa Interchange; and H1 Emergency Telephone Accessible Route. \$28 million in roadway resurfacing, rehabilitation, and repair projects were completed. Projects included: H-1 Resurfacing, Vicinity of Punchbowl Off-Ramp to Kapiolani Interchange, Kamehameha Highway/Farrington Highway Bridge Repairs at Various Locations; and the H-1 Rehabilitation, Vicinity of Makakilo Interchange.

The following congestion reduction and intersection improvement projects totaling approximately \$13 million were completed: (a) Nimitz Highway Intersection Improvements at Sand Island Access Road, (b) Nimitz Highway Improvements, Keehi Interchange to Pacific Street and (c) H-1 Zipper Lane Extension.

H-3 Finish work of about \$48 million was completed. This project involved the construction improvements needed to open the H-3 freeway. Residual work was recently completed and included installing and testing various H-3 systems such as fiber optic/communication lines, TV cameras, and other H-3 monitoring equipment.

\$230 million in construction projects are ongoing. Resurfacing, rehabilitation, and repair projects include: (a) Kalaniana'ole Highway, Emergency Landslide Repairs at Castle Junction; (b) Kalaniana'ole Highway Improvements, Realign Highway near Makapuu; (c) Nimitz Highway Pavement Preventive Maintenance, Keehi Inter-



**DOT Director Rodney Haraga** announces the ZipperLane Extension project at a press conference along Nimitz Highway on January 31, 2005. The project will extend the ZipperLane for three-miles and connect it with the Nimitz Contraflow Lane, providing a continuous 15-mile express route for carpoolers from Leeward and Central Oahu to Downtown Honolulu.

change to Waiakamilo Road; (d) Likelike Highway Resurfacing, Emmeline Place to Wilson Tunnel; (e) Moanalua Freeway Resurfacing, Halawa Interchange to Kahauiki Interchange; (f) Bridge Repairs at Various Locations; (g) Halawa Heights Road Rehabilitation, Kikania Street Fernridge and Kahuapaani Interchange; (h) H-1 Palailai Interchange Reconstruction; (i) Kamehameha highway Resurfacing, Waiahole Valley Road to Crouching Lion Inn; (j) Nimitz Highway Rehabilitation, Sumner Street to Queen Street; and (k) the Likelike Highway, Wilson Tunnel Crack and Leak Remediation.

Roadway drainage improvement projects include: (a) Farrington Highway Drainage Improvements, Vicinity of Nanakuli Avenue to Nanakuli Stream; (b) Farrington Highway Drainage Improvements, Vicinity of Lualei Place to Princess Kahanu Avenue; and (c) the \$7.1 million Kamehameha Highway Drainage Improvement, Vicinity of Kahuku Hospital and Replacement of Kii Bridge.

Ongoing road widening and congestion/intersection improvement projects include; (a) Farrington Highway Intersection Improvements at Waiomea Street; (b) Wilikina Drive Intersection Improvements at McNair Gate; (c) Fort Weaver Road Widening near Laulaunui Street; (d) Sand Island Access Road Intersection Improvements at Road no. 2; and (e) the Interstate Route H-1 Waimalu Viaduct Westbound Widening.

On Oahu, four other ADA compliance projects are substantially completed but still ongoing. Various ongoing projects to replace/rehabilitate bridges and install seismic retrofit improvements include; (a) H-1 Seismic Retrofit, Kapiolani Interchange Phase 2; (b) H-1 Seismic Retrofit of Austin Bishop and Waiiau Interchanges; (c) H-2 Seismic Retrofit, Meheula Parkway and Pineapple Road Bridges; (d) Kamehameha Highway, Halawa Stream Bridge (Inbound) Replacement; and (e) the Sand Island Parkway, Bascule Bridge Deck Replacement.

Safety remains a priority for the Highways Division and ongoing projects to improve safety includes: (a) Kahekili Highway Lighting, Haiku Road to Ahuimanu Place; (b) H-2 Installation of Highway Lighting, Leilehua Interchange to Waiawa Interchange; (c) Farrington Highway Safety Improvements; and (d) the \$7.2 million Nanakuli to Makaha.

## HAWAII DISTRICT

Approximately \$27 million in projects were completed on

the Big Island this fiscal year. This included the (a) \$18 million Kupapaulua Bridge Widening; (b) the \$3.5 million Hawaii Belt Road Seismic Retrofit of Various Bridges, Vicinity of Pepeekeo, Unit II; (c) the \$1.1 million Hawaii Belt Road Flood Damage Repairs in the Vicinity of Honomu; (d) Mamalahoa Highway Resurfacing, Vicinity of Volcanoes National Park; (e) the \$4.5 million Volcano Road Intersection Improvements at Hunia Road; and (f) the \$1.2 million Waimea Baseyard Improvement.

\$43 million in ongoing projects includes: (a) Hawaii Belt Road Intersection Improvements at Police Station Road and Hualalai Road; (b) Guardrail and Shoulder Improvements, Vicinity of Kahuku; (c) Puainako Street Improvements; (d) Kilauea Avenue to Kanoelehua Avenue; (e) Kohala Mountain Road Resurfacing, Iki Road to Kahua; (f) Hawaii Belt Road, Seismic Retrofit of Various Bridges, Vicinity of Pepeekeo – Unit 1; (g) Volcano Road Intersection Improvements for the Hawaii Volcanoes National Park Main Entrance; (h) Kawaihae road Guardrail and Shoulder Improvements; (i) Kawaihae towards Waimea; (j) the \$10.7 million Queen Kaahumanu Resurfacing, Kekaha Kai State Park to Hapuna; and (k) the Queen Kaahumanu Highway Drainage Improvements, Vicinity of Mauna Kea Beach Hotel.

## MAUI DISTRICT

15 projects totaling \$59 million were completed by Maui District in State FY 2005. These included resurfacing projects such as the (a) Kamalapau Highway Resurfacing, Vicinity of Airport Road towards Lanai City; (b) Kamalapau Highway Resurfacing, Vicinity of Airport Road towards Miki Road; (c) Honoapiilani Highway Resurfacing, Honokahua to Honokohau; and (d) the Dairy Road Resurfacing, Keolani Place to Kuihelani Highway. Roadway repairs and maintenance project completed were; (a) Kahekili Highway Repairs and Maintenance, Waiehu Beach Road to Camp Maluhia; and (b) the Hana Highway Repairs and Maintenance at Various Locations.

Projects to widen the highways or to improve capacity included: the (a) \$4.6 million Piilani Highway Interim Widening, Mokulele Highway to Kilohana Drive; (b) Honoapiilani Highway Widening, Maalaea Road to North Kihei road; (c) Mokulele Highway Widening, Vicinity of Cane Haul Road to Maui Humane Society; (d) the \$11.8 million Kuihelani Highway widening, Honoapiilani Highway to Puunene Avenue; and (e) the \$9.7 million Puunene Avenue Widening, Kuihelani Highway to Hansen Road and Mokulele Highway Widening, Hansen Road to the Vicinity of Cane Haul Road Crossing.

Other highway and facilities improvements projects completed were: (a) Hana Highway Improvements, Huelo to Hana, Mile Post 4.20 to Mile Post 23.70; (b) Honoapiilani Highway Guardrail and Shoulder Improvements, High Street to Puamana; and (c) the Molokai Baseyard Improvements.

Various ongoing projects are: (a) Traffic Operational Improvements at Various Locations; (b) Street Lights at Various Locations; (c) Maui District Baseyard Repair and Maintenance, (d) Phase-2; Kaahumanu Avenue Landscape Improvements, Lono Avenue to Hana Highway; (e) Kamehameha V Highway Resurfacing, Pukoo to Waialua; and (f) the \$4.4 million Kamehameha V Highway, Emergency Replacement of Kawaikapu Bridge.

**KAUAI DISTRICT**

Six projects completed by the Kauai District include: (a)



**DOT Director Rodney Haraga**, area lawmakers and construction officials gather for a blessing ceremony commemorating the final grade of the hillside along Kalanianaʻole Highway at Castle Junction on December 13, 2004. The year-long \$7.8 million project required contractors to haul away about 240,000 cubic yards of dirt making the hillside safer and preventing future landslides.

Emergency Replacement of Wainiha Bridge No. 2; (b) Kuhio Highway Resurfacing, Vicinity of Kealia; (c) Kau-mualii Highway Resurfacing, Vicinity of Mana; (d) Kau-mualii Highway Guardrail and Shoulder Improvements at Various Locations; (e) Kuhio Highway Pedestrian Facilities and ADA Compliance at Various Locations, and (f) the \$8.7 million Centralized Office and Baseyard Complex.

Ongoing projects include: (a) Kuhio Highway Shoulder Improvements, Haena to Princeville; (b) Kuhio Highway Roadway Improvements and Extension of Temporary Kapaa Bypass, Kuhio Highway to Olohena, Kaumualii Highway Guardrail and Shoulder Improvements, Hana-pepe to Mana; (c) Traffic Signal Modernization at Various Locations, Vicinity of Lihue; (d) Kuhio Highway Resurfacing, Vicinity of Hanamaulu; and (e) the Kaumualii Highway Guardrail and Shoulder Improvements, Omao to Hanapepe.



The **MAILE AMBER** (America’s Missing: Broadcast Emergency Response) **ALERT** are emergency messages that are broadcast when a law enforcement agency determines that a child has been abducted and is in imminent danger. On February 18, 2005, Hawaii completed its first test run (as shown above) on one its electronic message boards along the Liliha Street Overpass.

# Commission on Transportation

**T**he Commission on Transportation, which serves in an advisory capacity to the Director, is a communications conduit between the public and the Department of Transportation.

**Kirk Tanaka**  
Chair, Oahu

**William Lindemann**  
Oahu

**David Marshall**  
Hawaii

**Mel Miyamoto**  
Oahu

**Owen Miyamoto**  
Oahu

**James Pacopac**  
Oahu

**Ku'uhaku Park**  
Oahu

**John Romanowski**  
Hawaii

**Evans "Butch" Rubenstein**  
Hawaii

**David Sproat**  
Kauai

**Gail Yuh**  
Oahu

# Airports Division

## Statements of Revenues, Expenses and Changes in Retained Earnings

Statements of Revenues, Expenses and Changes in Net Assets Years Ended June 30,	2005	2004	2003
Concession Fees	\$116,879,167	\$114,738,758	\$131,878,195
Aeronautical Rentals:			
Nonexclusive Joint-Use Premise Charges	\$27,661,775	\$27,092,618	\$25,095,942
Exclusive Use Premise Charges	\$26,465,047	\$24,902,421	\$27,697,345
Nonaeronautical Rentals	\$12,457,247	\$12,060,261	\$9,568,167
Airport Landing Fees	\$35,463,143	\$33,517,262	\$34,579,691
Aviation Fuel Tax	\$3,434,444	\$2,931,685	\$2,854,123
Airports System Support Charges	\$655,759	(\$4,682,685)	\$896,109
Miscellaneous	\$3,141,128	\$4,318,430	\$4,401,178
<b>Total Operating Revenues</b>	<b>\$226,157,710</b>	<b>\$214,878,750</b>	<b>\$236,970,750</b>
Salaries and Wages	\$53,231,024	\$50,912,748	\$53,584,000
Other Personnel Services	\$35,499,251	\$37,535,231	\$39,732,886
Utilities	\$20,879,204	\$18,622,657	\$18,388,636
Bad Debt Expense	\$2,355,267	\$923,511	\$12,793,352
Special Maintenance	\$8,579,759	\$5,222,256	\$7,686,122
Repairs and Maintenance	\$9,370,571	\$10,102,772	\$10,302,124
State of Hawaii Surcharge on Gross Receipts	\$5,067,742	\$9,771,402	\$8,517,875
Materials and Supplies	\$3,919,200	\$4,664,290	\$4,184,650
Department of Transportation General Administration Expenses	\$5,431,877	\$5,655,422	\$3,577,238
Insurance	\$2,610,512	\$2,647,008	\$2,816,609
Claims and Benefits	\$1,106,854	\$1,279,127	\$1,428,934
Communication	\$364,040	\$372,192	\$344,378
Travel	\$341,505	\$262,254	\$269,264
Disbursements Out of Major Maint., Renewal & Replacement Acct.	\$2,440,969	\$1,192,459	\$1,501,919
Rent	\$280,978	\$268,590	\$270,159
Dues and Subscriptions	\$144,103	\$85,389	\$171,606
Printing & Advertising	\$5,328	\$12,712	\$28,043
Freight & Delivery	\$17,158	\$15,659	\$12,811
Miscellaneous	\$472,562	\$265,617	\$284,679
<b>Operating Expenses Other Than Depreciation</b>	<b>\$152,117,904</b>	<b>\$149,811,296</b>	<b>\$165,895,285</b>
Depreciation	\$77,491,244	\$79,032,618	\$78,204,779
<b>Total Operating Expenses</b>	<b>\$229,609,148</b>	<b>\$228,843,914</b>	<b>\$244,100,064</b>
<b>Operating Income (Loss)</b>	<b>(\$3,451,438)</b>	<b>(\$13,965,164)</b>	<b>(\$7,129,314)</b>
Interest Income:			
Cert. of Deposit, Repurchase Agreements & U.S. Gov't Securities	\$20,138,153	\$17,928,374	\$25,654,588
Investments in Direct Financing Leases	\$2,854,210	\$2,929,183	\$2,997,441
Interest Expense:			
Revenue Bonds:			
Airports System	(\$40,197,393)	(\$40,284,848)	(\$44,054,273)
Special Facility	(\$2,854,210)	(\$2,929,183)	(\$2,997,441)
General Obligation Bonds	(\$2,588)	(\$2,835)	(\$4,644)
Federal Operating Grants	\$1,522,937	\$1,480,168	\$3,088,120
Gain (Loss) on Disposal of Capital Assets	(\$125,646)	(\$3,466,208)	\$2,122,601
Passenger Facility Charges	\$15,168,852		
Amortization of Deferred Bond Issue Costs	(\$1,286,893)	(\$1,485,653)	(\$715,798)
<b>Nonoperating Revenues (expenses) - Net</b>	<b>(\$4,782,578)</b>	<b>(\$25,831,002)</b>	<b>(\$13,909,406)</b>
Gain (loss) Before Capital Contributions & Transfers	(\$8,234,016)	(\$39,796,166)	(\$21,038,720)
Capital Contributions & Transfers			
Federal Capital Grants	\$33,139,276	\$19,736,032	\$22,536,388
Contributed Land		\$2,300,000	
<b>Total Capital Contributions &amp; Transfers</b>	<b>\$33,139,276</b>	<b>\$22,036,032</b>	<b>\$22,536,388</b>
Increase (decrease) in Net Assets	\$24,905,260	(\$17,760,134)	\$1,497,668
<b>Total Net Assets, Beginning of Year</b>	<b>\$1,465,612,302</b>	<b>\$1,483,372,436</b>	<b>\$1,481,874,768</b>
<b>Total Net Assets, End of Year</b>	<b>\$1,490,517,562</b>	<b>\$1,465,612,302</b>	<b>\$1,483,372,436</b>



# Harbors Division

## Statements of Revenues, Expenses and Changes in Retained Earnings

Years Ended June 30	2005	2004
Operating Revenues		
Services	\$52,992,707	\$48,657,768
Rentals	\$20,256,475	\$25,125,270
Others	\$1,347,501	\$985,135
	\$74,526,683	\$74,768,173
Operating Expenses Before Depreciation		
Personal Services	\$11,541,230	\$10,756,552
Harbor Operations	\$10,824,219	\$9,277,336
Maintenance	\$9,979,185	\$2,915,374
State of Hawaii, Surcharge for Central Service Expenses	\$2,698,964	\$2,766,405
Fireboat Operations	\$1,596,781	\$1,704,790
General Administration	\$1,138,582	\$1,420,991
Department of Transportation, General Administration Expenses	\$972,529	\$733,531
	\$38,751,490	\$29,574,979
Income from Operations Before Depreciation	\$35,775,193	\$45,193,194
Depreciation	\$15,998,257	\$13,766,433
Income from Operations	\$19,776,936	\$31,426,761
Nonoperating Income (expense)		
Interest Income		
Deposits in Investment Pool	\$4,791,636	\$3,664,514
Investment in Direct Financing Lease		\$236,050
Interest Expense (Note J)		
Revenue Bonds	(\$9,197,432)	(\$10,246,336)
Special Facility Revenue Bonds		(\$207,945)
General Obligation Bonds	(\$4,888)	(\$5,647)
Amortization of Bond Discount, Issue Costs & Loss on Refunding	(\$616,414)	(\$630,998)
Loss on Disposal of Harbor Facilities	(\$170,599)	(\$12,064)
Other, Net		
	(\$5,197,697)	(\$7,202,426)
Net Income	\$14,579,239	\$24,961,701

# Highways Division

## Combines Statement Revenues, Expenditures and Changes in Fund Balance

### All Government Fund Types

Year ended June 30, 2004

	State Highway Fund	Capital Projects Fund	Total *
<b>Revenues:</b>			
Intergovernmental Federal Grants-in-Aid	\$35,168,941	\$97,906,865	\$133,075,806
<b>Taxes and Fees:</b>			
Fuel Taxes	\$80,913,322		\$80,913,322
Vehicle Weight Tax	\$30,828,051		\$30,828,051
Vehicle Registration Fees	\$20,237,725		\$20,237,725
Motor Vehicle Rental Fees	\$43,949,574		\$43,949,574
Interest Income	\$8,780,762		\$8,780,762
Others-Revenue Bond Proceeds		\$64,397,291	\$64,397,291
Others	\$11,639,771		\$11,639,771
<b>Total Revenues</b>	<b>\$231,518,146</b>	<b>\$162,304,156</b>	<b>\$393,822,302</b>
<b>Expenditures:</b>			
<b>Operating and Maintenance:</b>			
Oahu Highways and Services	\$42,489,338		\$42,489,338
Hawaii Highways and Services	\$14,296,926		\$14,296,926
Maui Highways and Services	\$8,611,551		\$8,611,551
Molokai Highways and Services	\$790,141		\$790,141
Lanai Highways and Services	\$1,049,218		\$1,049,218
Kauai Highways and Services	\$7,362,342		\$7,362,342
Motor Vehicle Safety Office	\$6,933,370		\$6,933,370
Administration	\$14,078,524		\$14,078,524
Debt Service	\$35,273,425		\$35,273,425
Surcharge for Central Services Expenses	\$8,254,654		\$8,254,654
Capital Projects		\$185,435,705	\$185,435,705
<b>Total Expenditures</b>	<b>\$139,139,489</b>	<b>\$185,435,705</b>	<b>\$324,575,194</b>
Excess (deficiency) of Revenues Over Expenditures Before Other Financial Sources (uses)	\$92,378,657	(\$23,131,549)	\$69,247,108
<b>Other Financial Sources (uses)</b>			
Operating Transfers In		\$40,324,777	\$40,324,777
Operating Transfers Out	(\$52,637,567)		(\$52,637,567)
<b>Total Other Financial</b>	<b>(\$52,637,567)</b>	<b>\$40,324,777</b>	<b>(\$12,312,790)</b>
Excess (deficiency) of Revenues and Other Financial Sources Over Expenditures and Other Financial (uses)	\$39,741,090	\$17,193,228	\$56,934,318
Fund Balance in July 1, 2004	\$238,097,779	\$110,284,821	\$348,382,600
Fund Balance in June 30, 2005	\$277,838,869	\$127,478,049	\$405,316,918
State Funded Highways Construction Program	\$30,827,784		

**\*Unaudited Memorandum Only**

## Airports Division

### Projects Completed & In Progress Fiscal Year 2004—2005

PROJECT NAME	START	COMPLETE	COST
Installation of New Security Fencing	May-05	May-06	\$1.4M
Statewide Architectural Barrier Removal, Phase IV, Kona & Hilo	Mar-05	Jul-05	\$1.6M
Kahului Airport, Terminal Improvements, Phase 1a	May-04	Oct-05	\$3.5M
Kahului Airport, Terminal Improvements, Phase 1b	Mar-05	Sep-06	\$15.6M
Statewide Architectural Barrier Removal, Phase IV, Molokai	Mar-05	Jun-05	\$160K
Honolulu Int'l Airport, Overseas Terminal Improvements, Phase II	Oct-03	Nov-05	\$12.13M
1st & 2nd Level Roadway Improvements	Jan-05	Jul-05	\$2.28M
Kalaeloa Airport Improvements	Apr-04	Oct-05	\$10.51M
Honolulu Int'l Airport, Architectural Barrier Removal, Phase II	Jun-04	May-05	\$7.49M
Statewide Architectural Barrier Removal, Phase III, Island of Oahu	Oct-03	Jun-05	\$870K
Lihue Airport, GA Apron Site Preparation, Phase II	Mar-04	Mar-05	\$14M
Lihue Airport, Passenger Loading Bridges	Mar-04	Sep-05	\$4.5M
Statewide Architectural Barrier Removal, Phase IV - Lihue	Mar-05	Jul-05	\$440K
		<b>TOTAL</b>	<b>\$74.5M</b>

# Harbors Division

## Projects Completed & In Progress Fiscal Year 2004—2005

PROJECT	START	COMPLETE	COST	DESCRIPTION
Honolulu Harbor	Apr-03	Jul-04	\$384K	Provide Security Barriers
Honolulu Harbor, Pier 1 CFS#2	Aug-04	Jun-05	\$150K	Repair Canopy
Honolulu Harbor, Pier 2 Shed	Apr-05	Feb-06	\$25M	Passenger Terminal
Honolulu Harbor, Piers 1 & 2	Mar-04	Dec-04	\$324K	Structural Barriers
Honolulu Harbor, Pier 8-9	Jan-05	Jul-05	\$480K	Substructure Repairs
Honolulu Harbor, Aloha Tower	Aug-04	Feb-05	\$98K	Repair DrainLines & Water Leaks
Honolulu Harbor, Piers 10-11 Shed	Jul-04	Nov-04	\$109K	Repaint Exterior
Honolulu Harbor, Piers 10-11	Mar-05	Jun-05	\$96K	Cold plane and Repave Apron
Honolulu Harbor Administration Building	Jan-05	Aug-05	\$125K	Remove Architectural Barriers (ADA)
Honolulu Harbor, Pier 11 Offices	Jan-05	Aug-05	\$150K	Remove Architectural Barriers (ADA)
Honolulu Harbor, Pier 11 Shed	Jul-03	Feb-05	\$64K	Replace Water Line
Honolulu Harbor, Pier 11 Shed	Aug-04	Mar-05	\$32K	Seal Cracks at Ramp
Honolulu Harbor, Pier 10/11 and 19	Jun-03	Dec-04	\$461K	Security Surveillance System
Honolulu Harbor, Pier 13/14 Shed	Jun-03	Sep-05	\$41K	Repair Roof Drains and Downspouts
Honolulu Harbor, Pier 13/14 Shed	Jan-05	Apr-05	\$90K	Replace Roll-Up Doors
Honolulu Harbor, Pier 19	Oct-04	Jan-06	\$448K	Demolition of Storage Tanks
Honolulu Harbor, Pier 19	Jan-02	Dec-05	\$4.5M	Construct Ferry Terminal
Honolulu Harbor, Pier 19-21	Feb-05	Jun-05	\$310K	Replace Fire Alarm System
Honolulu Harbor at Pier 25-28	Jul-03	Dec-04	\$962K	Bulkhead Repairs
Honolulu Harbor, Pier 27	Sep-03	Jun-05	\$205K	Replace Lift Station
Honolulu Harbor, Pier 31A Shed	Nov-04	Jan-05	\$282K	Replace Roofing
Honolulu Harbor, Pier 31-33	Jun-04	Sep-04	\$110K	Substructure Repairs
Honolulu Harbor, Pier 36	Dec-03	Nov-04	\$724K	Methane Mitigation
Honolulu Harbor, Pier 39 Shed	Aug-04	Oct-04	\$111K	Repair Gutter System
Honolulu Harbor, Pier 40	Jun-04	Nov-04	\$63K	Replace Fence
Honolulu Harbor, Matson CY	Dec-04	Dec-05	\$409K	Pavement Repairs
Honolulu Harbor, Horizon CY	Dec-04	Jan-06	\$174K	Pavement Repairs
Kalaeloa Barbers Point Harbor CY	Jan-05	May-05	\$96K	Repaint Light Poles
Kewalo Basin	Nov-04	Apr-05	\$233K	Substructure Repairs
Kewalo Basin	Jul-04	Nov-04	\$278K	Electrical Repairs

Kewalo Basin	Mar-05	Apr-05	\$68K	Repair Lighting
Kewalo Basin	Jun-04	Jul-04	\$57K	Repair Pavement
Kahului Harbor	May-04	Dec-05	\$331K	Upgrade Perimeter Fencing
Kahului Harbor, Pier 1 Shed	Jan-05	Feb-05	---	Repairs to Shed
Kahului Harbor, Pier 1 CY	Feb-05	Mar-05	\$107K	Pavement Repairs
Kaunakakai Harbor	Aug-04	Oct-04	\$53K	Deck Repairs
Kaunakakai Harbor	Nov-04	Jan-05	\$30K	Replace/Realign Fenders
Kaunakakai Harbor	May-05	Sep-05	\$225K	Substructure Repairs
Hilo Harbor	Feb-05	Jun-05	\$96K	Remove Architectural Barriers (ADA)
Hilo Harbor	Apr-04	Apr-05	\$225K	Upgrade Perimeter Fencing
Hilo Harbor, Piers 2 & 3	Jan-05	Jan-05	\$76K	Repair Subsidence
Hilo Harbor, Piers 2 & 3	Jul-03	Jan-05	\$200K	Repair Bulkhead
Hilo Harbor, Piers 2 & 3	Jul-05	Dec-05	\$200K	Substructure Repairs
Hilo Harbor	---	---	\$100K	Repaint Water Tower
Hilo Harbor and Kawaihae Harbor	Sep-03	Oct-04	\$269K	Install Bullrails
Kawaihae Harbor	Feb-05	Jun-05	\$90K	Remove Architectural Barriers (ADA)
Kawaihae Harbor	Jul-04	Mar-05	\$671K	Security Fence
Nawiliwili Harbor	Apr-04	Dec-04	\$378K	Upgrade Perimeter Fencing
Nawiliwili Harbor	Mar-05	Apr-05	\$45K	Demolish Marine Patrol Building
Nawiliwili Harbor	Apr-05	Aug-05	\$140K	Repair Maintenance Building
Nawiliwili Harbor, Pier 1 CY	Feb-06	Mar-06	\$337K	Pavement Repairs
Nawiliwili Harbor, Pier 2	Jan-05	Mar-05	\$60K	Repair Fender System
Nawiliwili Harbor, Pier 3 Shed	Jul-05	Oct-05	\$140K	Repair Eaves and Gutters
Nawiliwili Harbor, Pier 3	Jan-05	Mar-05	\$25K	Repair Water Line
Nawiliwili Harbor, Pier 3	Oct-05	Mar-06	\$2.1M	Replace Fender System
Port Allen Commercial Harbor	Jan-04	Jul-04	\$139K	Replace Siding
Port Allen Commercial Harbor	Apr-04	Jul-04	\$129K	Replace Fire Line
Port Allen Commercial Harbor	Feb-05	Sep-05	\$60K	Apron Lighting
Port Allen Commercial Harbor	Nov-04	Jan-05	\$67K	Repair Fender System

# Highways Division

## Projects Completed & In Progress Fiscal Year 2004—2005

PROJECT	START	COMPLETE	COST
HAWAII BELT ROAD INTERSECTION IMPROVEMENTS AT POLICE STATION ROAD AND HUALALAI ROAD	May-04	Feb-06	\$4787K
HAWAII BELT ROAD GUARDRAIL AND SHOULDER IMPROVEMENTS VICINITY OF KAHUKU	Dec-03	Jul-05	\$1.54M
MAMALAOHA HIGHWAY RESURFACING VICINITY OF VOLCANOES NATIONAL PARK	Jan-04	Jan-05	\$803K
VOLCANO ROAD INTERSECTION IMPROVEMENTS AT HUINA ROAD	Sep-03	Jan-05	\$2.12M
HAWAII BELT ROAD FLOOD DAMAGE REPAIRS VICINITY OF HONOMU	Jan-04	Sep-04	\$1.06M
PUAINAKO STREET IMPROVEMENTS KILAUEA AVE. TO KANOELEHUA AVE.	Oct-00	Jul-05	\$1.64M
KOHALA MOUNTAIN ROAD RESURFACING IKI ROAD TO KAHUA	Jul-03	Jul-05	\$2.01M
HAWAII BELT ROAD SEISMIC RETROFIT OF VARIOUS BRIDGES VICINITY OF PEPEEKEO - UNIT 1	Jan-02	Mar-06	\$3.17M
HAWAII BELT ROAD SEISMIC RETROFIT OF VARIOUS BRIDGES VICINITY OF PEPEEKEO, UNIT II	Jul-03	Oct-04	\$3.52M
HAWAII BELT ROAD KUPAPAU LUA BRIDGE WIDENING	Jan-03	May-05	\$18.42M
VOLCANO ROAD INTERSECTION IMPROVEMENTS FOR THE HAWAII VOLCANOES NATIONAL PARK MAIN ENTRANCE	Oct-01	Oct-05	\$223K
KAWAIHAE ROAD INTERSECTION IMPROVEMENTS PU'UKOHOLA HEIAU NATIONAL HISTORIC SITE	Jun-04	Jul-05	\$1.55M
WAIMEA BASEYARD IMPROVEMENTS	Mar-04	Oct-04	\$1.16M
KAWAIHAE ROAD GUARDRAIL AND SHOULDER IMPROVEMENTS KAWAIHAE TOWARDS WAIMEA	May-04	Aug-05	\$1.11M
QUEEN KAAHUMANU HIGHWAY RESURFACING KEKAHA KAI STATE PARK TO HAPUNA	Apr-04	Sep-05	\$10.7M
QUEEN KAAHUMANU HIGHWAY DRAINAGE IMPROVEMENTS VICINITY OF MAUNA KEA BEACH HOTEL	Jun-02	Sep-05	\$630K
KUHIO HIGHWAY SHOULDER IMPROVEMENTS HAENA TO PRINCEVILLE	Jun-04	Dec-05	\$2.54M
KUHIO HIGHWAY RESURFACING VICINITY OF KEALIA	Feb-04	Mar-05	\$1.26M
PEDESTRIAN FACILITIES AND ADA COMPLIANCE AT VARIOUS LOCATIONS ON KAUAI	Mar-05	Dec-05	\$2.86M
KUHIO HIGHWAY ROADWAY IMPROVEMENTS EXTENSION OF TEMPORARY KAPAA BYPASS KUHIO HIGHWAY TO OLOHENA	Jan-05	Mar-06	\$3.16M
KAUMUALII HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS HANAPEPE TO MANA	Mar-05	Feb-06	\$852K
TRAFFIC SIGNAL MODERNIZATION AT VARIOUS LOCATIONS VICINITY OF LIHUE, KAUAI	May-05	Jan-06	\$1.51M
KUHIO HIGHWAY RESURFACING VICINITY OF HANAMAULU	May-05	Mar-06	\$1.32M
KUHIO HIGHWAY, ROUTE 560 EMERGENCY REPLACE WAINIHA BRIDGE NO. 2 VICINITY OF HAENA	Sep-04	Oct-04	\$700K
KAUMUALII HIGHWAY RESURFACING VICINITY OF MANA	Aug-04	Feb-05	\$1.08M
KUHIO HIGHWAY PEDESTRIAN FACILITIES AND ADA COMPLIANCE AT VARIOUS LOCATIONS	Feb-04	Nov-04	\$780K
CENTRALIZED OFFICE AND BASEYARD COMPLEX	Feb-02	Aug-04	\$8.76M
KAUMUALII HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS	Jun-02	Jul-04	\$2.36 M
KAUMUALII HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS OMAO TO HANAPEPE	Aug-03	Dec-05	\$1.81M
KAUMALAPAU HIGHWAY RESURFACING VICINITY OF AIRPORT TOWARDS LANAI CITY, ISLAND OF LANAI	Jul-02	Oct-04	\$513K
KAUMALAPAU HIGHWAY RESURFACING VICINITY OF AIRPORT ROAD TOWARDS MIKI ROAD, LANAI	Aug-02	Oct-04	\$506K
HONOAPIILANI HIGHWAY RESURFACING HONOKAHUA TO HONOKOHAU	Jul-04	Mar-05	\$1.81M
PIILANI HIGHWAY INTERIM WIDENING MOKULELE HIGHWAY TO KILOHANA DRIVE	Aug-02	Jun-05	\$5.8M
KAHEKILI HIGHWAY REPAIRS AND MAINTENANCE WAIEHU BEACH ROAD TO CAMP MALUHIA	May-04	May-05	\$1.02M
HANA HIGHWAY IMPROVEMENTS HUELO TO HANA, M.P. 4.20 TO M.P. 23.70	May-04	Sep-04	\$1.37M
HANA HIGHWAY REPAIRS AND MAINTENANCE AT VARIOUS LOCATIONS	Jun-04	May-05	\$305K
DAIRY ROAD RESURFACING KEOLANI PLACE TO KUIHELANI HIGHWAY	Feb-04	Feb-05	\$900K

TRAFFIC OPERATIONAL IMPROVEMENTS AT VARIOUS LOCATIONS, PUUNENE AVENUE (KAAHUMANU AVENUE TO KUIHELANI HIGHWAY); KAAHUMANU AVENUE (AT LUNALILO STREET); KAHULUI BEACH ROAD (AT SMALL BOAT HARBOR ROAD AND KAIHEE PLACE); HONOAPIILANI HIGHWAY (AT WAIKO ROAD)	Sep-03	Aug-05	\$980K
STREET LIGHTS AT VARIOUS LOCATIONS	Mar-01	Aug-05	\$270K
MAUI DISTRICT BASEYARD REPAIR AND MAINTENANCE OF BUILDINGS AND GROUNDS, PHASE 2	Jan-03	Apr-05	\$675K
HONOAPIILANI HIGHWAY WIDENING MAALAEA ROAD TO NORTH KIHEI ROAD	Oct-02	Mar-05	\$4.62M
MOKULELE HIGHWAY WIDENING VICINITY OF CANE HAUL ROAD TO MAUI HUMANE SOCIETY, PHASE IIB	Dec-03	May-05	\$15M
KUIHELANI HIGHWAY WIDENING HONOAPIILANI HIGHWAY TO PUUNENE AVENUE	May-00	May-05	\$11.8M
PUUNENE AVENUE WIDENING, KUIHELANI HIGHWAY TO HANSEN ROAD AND MOKULELE HIGHWAY WIDENING, HANSEN ROAD TO VICINITY OF CANE HAUL ROAD CROSSING, PHASE IIA	Jul-02	Mar-05	\$9.69M
KAAHUMANU AVENUE LANDSCAPE IMPROVEMENTS PHASE I LONO AVENUE TO HANA HIGHWAY	Sep-03	Oct-05	\$154K
HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS HIGH STREET TO PUAMANA	Jun-01	Dec-04	\$2.31M
HANA HIGHWAY, DAIRY ROAD TO VICINITY OF PAIA TOWN AND PIILANI HIGHWAY, MOKULELE HIGHWAY TO WAILEA IKE DRIVE - GUARDRAIL AND SHOULDER IMPROVEMENTS	May-02	Aug-05	\$1.04M
KAMEHAMEHA V HIGHWAY RESURFACING PUKOO TO WAIALUA	Apr-04	Feb-06	\$1.54M
KAMEHAMEHA V HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE	Dec-03	Jan-06	\$4.37M
MOLOKAI BASEYARD	May-03	May-05	\$2.61M
KALANIANAOLE HIGHWAY EMERGENCY LANDSLIDE REPAIRS AT CASTLE JUNCTION	Jan-04	Mar-06	\$7.82M
FARRINGTON HIGHWAY LANDSCAPING KAMEHAMEHA HIGHWAY TO FORT WEAVER ROAD	Mar-03	Dec-05	\$4.34M
KALANIANAOLE HIGHWAY IMPROVEMENTS, REALIGN HIGHWAY MAKAPUU	Jan-05	Jul-05	\$653K
KAHEKILI HIGHWAY HIGHWAY LIGHTING HAIKU ROAD TO AHUIMANU PLACE	Aug-04	Nov-06	\$2.68M
NIMITZ HIGHWAY INTERSECTION IMPROVEMENTS AT SAND ISLAND ACCESS ROAD	Feb-03	Sep-04	\$2.95M
NIMITZ HIGHWAY IMPROVEMENTS KEEHI INTERCHANGE TO PACIFIC STREET	Jun-03	Sep-04	\$1.15M
NIMITZ HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE KEEHI INTERCHANGE TO WAIKAMILO ROAD	Apr-05	Jan-06	\$1.38M
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS VIC. NANAKULI AVE. TO NANAKULI STREAM	Jun-04	Nov-05	\$1.42M
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS VIC. LUALEI PLACE TO PRINCESS KAHANU AVE.	Jun-04	Nov-05	\$1.49M
FARRINGTON HIGHWAY INTERSECTION IMPROVEMENTS AT WAIOMEA STREET	Apr-01	Sep-05	\$1.97M
WILIKINA DRIVE INTERSECTION IMPROVEMENTS AT MCNAIR GATE SCHOFIELD BARRACKS	Aug-02	Nov-05	\$860K
KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS VICINITY OF THE WAIU POWER PLANT	Jun-04	Mar-05	\$450K
KAMEHAMEHA HIGHWAY HALAWA STREAM BRIDGE (INBOUND) REPLACEMENT	Jun-02	Jul-06	\$7.25M
INTERSTATE ROUTE H-1 SEISMIC RETROFIT KAPIOLANI INTERCHANGE, PHASE 2	Sep-04	May-06	\$5.46M
INTERSTATE RTE H-1 SEISMIC RETROFIT AUSTIN BISHOP & WAIU INTERCHANGE	Jun-04	Aug-06	\$908K
INTERSTATE ROUTE H-2 SEISMIC RETROFIT MEHEULA PARKWAY AND PINEAPPLE ROAD BRIDGES	Feb-05	Mar-06	\$1.74M
PEDESTRIAN FACILITIES AND ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU, PHASE II	Jul-03	Jan-05	\$1.56M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 1 (PALI TO VINEYARD)	Jan-05	Jul-05	\$2.44M

PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU, UNIT 2 (NIMITZ TO ALA MOANA)	Nov-04	May-05	\$2.52M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 3 (SUNSET TO KANEHOE)	Dec-04	Jun-05	\$740K
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 4 (WAIANAE TO KAPOLEI)	Jan-05	Aug-05	\$1.86M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU, UNIT 5 (WAHIWA TO STADIUM)	Nov-04	Apr-05	\$1.97M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 6 (SALT LAKE TO LIKELIKE)	Dec-04	Jun-05	\$2.43M
ADA COMPLIANCE FOR EMERGENCY TELEPHONES STATEWIDE	Mar-05	Dec-05	\$2.77M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 7 (KUNIA TO WAIPAHU)	Dec-04	Jul-05	\$1.67M
PEDESTRIAN FACILITIES & ADA COMPLIANCE AT VARIOUS LOCATIONS ON OAHU UNIT 8 (HAWAII KAI TO PALI)	Jan-05	May-05	\$2.26M
FORT WEAVER ROAD WIDENING NEAR LAULAUNUI STREET	Jul-04	Dec-05	\$6.03M
LIKELIKE HIGHWAY RESURFACING EMMELINE PLACE TO WILSON TUNNEL	Sep-02	Mar-06	\$18.79M
MOANALUA FREEWAY RESURFACING HALAWA INTERCHANGE TO KA-HAUIKI INTERCHANGE	Jun-04	Jan-06	\$13.77M
INTERSTATE ROUTE H-1 REHABILITATION VICINITY OF MAKAKILO INTERCHANGE	Jan-04	Nov-04	\$2.39M
KUNIA ROAD IMPROVEMENTS VICINITY OF HONOWAI STREET TO VICINITY OF SOUTH KUPUNA LOOP	Apr-05	Mar-06	\$1.9M
BRIDGE REPAIRS AT VARIOUS LOCATIONS	Jan-05	Nov-05	\$494K
KAMEHAMEHA HIGHWAY / FARRINGTON HIGHWAY BRIDGE REPAIRS AT VARIOUS LOCATIONS	Oct-03	Dec-04	\$679K
SAND ISLAND ACCESS ROAD INTERSECTION IMPROVEMENTS AT ROAD NO. 2	Nov-02	Dec-05	\$483K
HALAWA HEIGHTS ROAD REHABILITATION KIKANIA STREET TO FERN-RIDGE AND KAHUAPAANI INTERCHANGE, MOANALUA FREEWAY, H-201	Mar-05	May-06	\$2M
WAHIWA BASEYARD IMPROVEMENTS	Dec-04	May-06	\$2.28M
INTERSTATE ROUTE H-3 H-3 FINISH (UNIT II) LEEWARD SECTION	Aug-97	Mar-05	\$48.26M
INTERSTATE ROUTE H-3, H-3 FINISH (UNIT VIIA)	Mar-04	Jul-05	\$1.5M
INTERSTATE ROUTE H-1 WAIMALU VIADUCT WESTBOUND PEARL CITY OFF-RAMP TO KAONOHI STREET	Jun-04	Aug-06	\$55.23M
INTERSTATE ROUTE H-1 INSTALLATION OF EMERGENCY TELEPHONES PALAILAI INTERCHANGE TO HALAWA INTERCHANGE	Mar-02	Oct-04	\$571K
INTERSTATE ROUTE H-1 RESURFACING VICINITY OF PUNCHBOWL OFF-RAMP TO KAPIOLANI INTERCHANGE	Apr-00	May-05	\$24.54M
INTERSTATE RTE H-1 GUARDRAIL AND SHOULDER IMPROV. AIRPORT INTERCHANGE TO MIDDLE STREET	Jul-04	Feb-06	\$1.73M
INTERSTATE ROUTE H-2 INSTALLATION OF HIGHWAY LIGHTING LEILEHUA INTERCHANGE TO WAIAWA INTERCHANGE	Jul-00	Nov-05	\$4.24M
INTERSTATE ROUTE H-1, PALAILAI INTERCHANGE RECONSTRUCTION	Jan-02	Apr-06	\$5.97M
SAND ISLAND PARKWAY BASCULE BRIDGE DECK REPLACEMENT	May-04	Jan-06	\$4.97M
KALANIANAOLE HIGHWAY RESURFACING, AINAKOA AVE. TO WEST HIND DRIVE AND 8-INCH WATER MAIN, AINAKOA AVE. TO LAUKAHI STREET	Jul-00	Mar-06	\$4M
KAMEHAMEHA HIGHWAY RESURFACING WAIHOLE VALLEY ROAD TO CROUCHING LION INN	Jan-03	Apr-06	\$9.73M
KAMEHAMEHA HIGHWAY DRAINAGE IMPROVEMENTS, VICINITY OF KAHUKU HOSPITAL AND REPLACEMENT OF KII BRIDGE	Nov-02	Apr-05	\$7.5M
KAHEKILI HIGHWAY LANDSCAPING VICINITY OF KULUKEOE STREET AND HAIKU ROAD	May-05	May-07	\$2.59M
NIMITZ HIGHWAY REHABILITATION, SUMNER STREET TO QUEEN STREET AND NIMITZ HIGHWAY, WATER SYSTEM IMPROVEMENTS, PART 1	Feb-03	Jan-06	\$15.13M
ALA MOANA BOULEVARD TRAFFIC SIGNAL MODERNIZATION ENTRANCE AND EXIT TO ALA MOANA SHOPPING CENTER	Apr-04	Jan-06	\$825K
INTERSTATE ROUTE H-1, EMERGENCY TELEPHONE ACCESSIBLE ROUTE	May-05	Jun-05	\$355K
INTERSTATE ROUTE H-1 ZIPPER LANE EXTENSION RADFORD DRIVE OVERPASS TO KEEHI INTERCHANGE	Jun-04	Jun-06	\$4.38M
FURNISHING AND DELIVERING OF MOVEABLE BARRIER INTERSTATE ROUTE H-1 ZIPPER LANE EXTENSION	Jun-04	Oct-04	\$4.38M
LIKELIKE HIGHWAY WILSON TUNNEL IMPROVEMENTS LEAK AND CRACK REMEDIATION	Mar-04	Mar-06	\$11.58M
KANEHOE BAY DRIVE IMPROVEMENTS VICINITY OF PUOHALA STREET TO KAWA BRIDGE	Sep-03	Jul-06	\$3.36M
FARRINGTON HIGHWAY SAFETY IMPROVEMENTS NANAKULI TO MAKAHA	Aug-04	Jan-06	\$7.19M

**\$476.3M**



