



Department of Transportation

Report to the Governor 2002

Director's Message

I am pleased to submit the Department of Transportation's annual report for the fiscal year ending June 30, 2002.

Fiscal Year 2002 was a trying year, which the department is still trying to overcome. The devastating blow that Hawaii received in the aftermath of the tragic events on September 11, 2001, required the department to reassess its programs.

The department's objective has always been to facilitate the rapid, safe and economical movement of people and goods into, within, and out of the state by providing and operating transportation facilities and supporting services. The department has reaffirmed its commitment and continues to meet this objective but has had to implement numerous changes in order to carry this out.

As the result of September 11, the department has scaled back its Capital Improvement Program and has reprioritized many of its projects focusing on safety and security projects.

The new Homeland Security effort, has set forth guidelines for critical infrastructure and changed the way our facilities operate. The most noticeable changes included restricted access to our airports and harbors facilities and stringent security screening at our airports.

Immediately after September 11, no watercraft, vessels, swimmers, water skiers or fishermen were permitted within 400 feet oceanside of state airports. We restricted access at our harbors, closed Aloha Tower to the public for eight months, and we also extended the ZipLane hours to accommodate the additional traffic on the freeways, caused by additional security measures that slowed traffic entering the military bases.

It has taken teamwork and perseverance to overcome challenges that faced the transportation industry in the past year and I would like to thank our DOT employees in the dedication and commitment of work that they put forth.



Brian K. Minaai
Brian K. Minaai
Director of Transportation

Airports Division

The tragic events of September 11, 2001 have changed commercial aviation forever. As a result of the terrorist attack, the Federal Aviation Administration (FAA) shut down the nation's commercial aviation system for three days. The aviation system was then incrementally restored as airport and air carriers complied with new safety and security requirements. The heightened passenger security screening process has increased safety but created some delays for passengers.

The terrorist attacks on September 11, 2001 had a major financial impact on the aviation industry. Prior to September 11, 2001, the airline industry was already in a financial downturn due to over expansion, decreased business travel and higher labor costs. The losses related to September 11, 2001 have accelerated an already deteriorating financial condition for airlines.

The changes in the airport retail industry following September 11, 2001 may require the Airports Division to operate under a new economic reality in which concession fees will move away from minimum annual guarantees towards percentage rents in which Airports Division and the concessions share in the risks and rewards. For the in-bond (duty free) concession, projected reduction in revenue will have a direct impact on the Airports Division's financial situation. The Airports Division will be using its cash reserves to meet the revenue shortfalls. As cash reserves also fund a

major portion of the Capital Improvement Program, a reassessment of projects and priorities has been required.

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) 2002, these airports handled 31,503,496 passengers, a 12.4 percent decrease compared to the previous year.

Passenger traffic at Honolulu International Airport suffered a 13.4% decrease in FY 2002 compared to FY 2001.

Honolulu International Airport

Fiscal Year	Passengers	Change
2002	19,202,734	-13.4%
2001	22,197,793	-3.6%
2000	23,029,937	3.4%
1999	22,275,743	-5.0%
1998	23,458,853	-2.1%

Work on the Manuwai Canal Culvert Extension was completed in December 2001. This \$7.8 million project provides additional ramp space on the interisland portion of the airport.

Also completed in December 2001 was the Central Concourse Miscellaneous Improvements. This project provided

improvements to the restrooms and stairwells in the central garden area and installation of automatic sliding doors at the entrance of the Central Concourse.

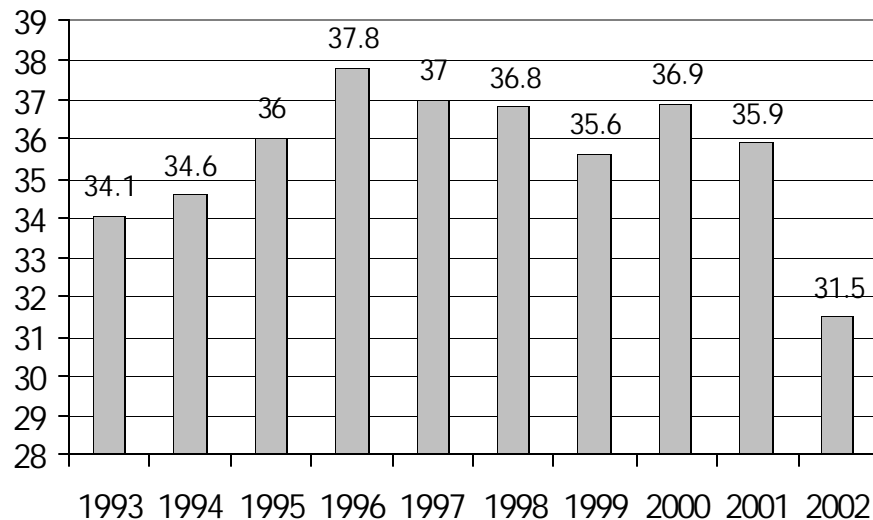
Land and Hold Short Operations (LAHSO) in-pavement runway lights were completed in March 2002. By allowing simultaneous operations on Runways 8L and Runways 4L/4R, this project increases the airfield operation capacity of Honolulu International Airport during Kona winds.

Traffic at Kona International Airport at Keahole decreased 9.9% down to 2,506,733 in FY 2002 when compared to the previous year. This makes Kona International Airport at Keahole the fourth busiest airport in the State.

Kona International Airport at Keahole

Fiscal Year	Passengers	Change
2002	2,506,733	-9.9%
2001	2,780,813	0.2%
2000	2,775,722	5.0%
1999	2,643,999	0.4%
1998	2,632,515	7.7%

Hawaii Airports Passenger Traffic (in millions)



Work was completed on the new Wastewater Treatment Plant at the airport in March 2002. This facility replaces the existing undersized wastewater treatment plant and will accommodate existing and projected sewage flow at the airport.

Kahului Airport is the second busiest airport in the State, with 5,380,751 passengers in FY 2002, a decrease of 12.7% when compared to FY 2001.

Kahului Airport

Fiscal Year	Passengers	Change
2002	5,380,751	-12.7%
2001	6,161,475	1.0%
2000	6,100,969	4.2%
1999	5,854,693	-1.1%
1998	5,919,532	1.9%

Construction was completed in October 2001 on the East Ramp Sewer System. By replacing existing cesspools and septic tanks on the East Ramp with a sewer system, this project will help Airports Division comply with the latest health and environmental regulations.

Lihue Airport is the third busiest airport in the State, with 2,563,695 passengers in FY 2002, a decrease of 9.2% compared to FY 2001.

Lihue Airport

Fiscal Year	Passengers	Change
2002	2,563,695	-9.2%
2001	2,823,056	-1.4%
2000	2,864,194	6.4%
1999	2,692,206	4.2%
1998	2,583,365	1.3%

Hilo International Airport traffic decreased to 1,394,152 passengers in FY 2002.

Hilo International Airport

Fiscal Year	Passengers	Change
2002	1,394,152	-11.1%
2001	1,568,165	-2.6%
2000	1,610,368	4.3%
1999	1,543,280	-5.7%
1998	1,635,964	0.2%

Molokai Airport

Fiscal Year	Passengers	Change
2002	218,913	-7.8%
2001	237,482	-10.2%
2000	264,350	-0.6%
1999	265,941	10.3%
1998	241,721	-7.1%

Kapalua Airport

Fiscal Year	Passengers	Change
2002	77,588	-34.8%
2001	119,038	-5.3%
2000	125,733	-10.8%
1999	140,921	-10.0%
1998	156,642	-14.7%

Lanai Airport

Fiscal Year	Passengers	Change
2002	148,300	-1.1%
2001	149,974	-10.0%
2000	166,568	-7.2%
1999	179,448	-1.5%
1998	182,226	10.7%

Airport	Cargo (tons)			Mail (tons)			Operations		
	FY2002	FY2001	% Change	FY2002	FY2001	% Change	FY2002	FY2001	% Change
Honolulu International (HNL)	404,537	343,697	17.7	74,954	106,319	(29.5)	316,374	344,226	(8.1)
Kahului (OGG)	35,696	40,138	(11.1)	10,325	10,109	2.1	155,921	168,000	(7.2)
Hilo International (ITO)	22,189	23,301	(4.8)	3,007	3,728	(19.3)	88,097	109,373	(19.5)
Kona International at Keahole (KOA)	22,808	22,505	1.3	4,456	6,545	(31.9)	116,704	101,617	14.8
Lihue (LIH)	13,456	14,370	(6.4)	2,298	3,516	(34.6)	102,711	108,832	(5.6)
Lanai (LNY)	733	745	(1.6)	1	111	(99.1)	11,622	10,090	15.2
Molokai (MKK)	1,253	1,371	(8.6)	2	178	(98.9)	44,404	41,248	7.7
Waimea (MUE)	3	17	(82.4)	0	920	(100)	2,774	2,670	3.9
Hana (HNM)	62	56	10.7	0	0	0	5,072	5,430	(6.6)
Kalaupapa (LUP)	182	199	(8.5)	0	9	(100)	3,754	3,506	7.1
Kapalua (JHM)	535	650	(17.7)	0	0	0	5,388	8,362	(35.6)
Totals	501,454	447,049	12.2	95,043	131,435	(27.7)	852,821	903,354	(5.6)

Harbors Division

The statewide system of commercial harbors consists of ten harbors on six islands. The system plays a vital role in the State's economy as Hawaii imports approximately 80 percent of what it consumes, and about 98 percent of that enters the state through the commercial harbors system.

In FY 2002, the commercial harbor facilities handled a total of 16.9 million tons of cargo. In addition, 1,087,405 cruise ship passengers called at the State's harbors.

The Division is currently updating the Statewide Commercial Harbor System Master Plan. The updated Master Plan will provide an overview of Hawaii's commercial harbor system, facilities, operations, growth projections and the Division's master plan schedule.

Honolulu Harbor

Honolulu Harbor is the hub of the state harbor system as the majority of cargo, whether bound for Honolulu or the neighbor islands, passes through Honolulu Harbor.

With the growth of the cruise ship industry, the harbor accommodated 316,572 passengers during FY 2002. Honolulu Harbor also handled 8,222,198 tons of cargo.

A major project completed was the Domestic Commercial Fishing Village Pier and Subdivision Improvements project at a construction cost of \$10.5 million.

Major projects currently in construction include the Domestic Commercial Fishing Village Multi User Building at Pier 36-38 at a cost of \$5.6 million, and the Ferry Terminal at Pier 19 at a cost of \$4.3 million.

To insure that the operational capabilities of the harbor are maintained, \$3.69 million has been encumbered for special maintenance projects. Major special maintenance projects undertaken during FY 2002 included repairs to pier structures; repairs to container yard flexible and rigid pavements; repairs to utilities for water, sewer and electrical service; repairs to buildings for renovations, roofing, repainting and restroom facilities; enhancements for harbor security; and site building modifications for ADA compliance.

Kalaeloa Barbers Point Harbor

Kalaeloa Barbers Point Harbor is the second busiest harbor in the State system. In FY 2002, Kalaeloa Barbers Point Harbor handled 3,268,079 tons of cargo. A major project currently under construction is the Pier P-7 construction at a cost of \$17 million. A major project completed in FY 2002 was the Pier P-5 extension at a cost of \$5 million. A major project in the planning stage is the joint Federal/State Kalaeloa Barbers Point Harbor Modification Studies.

To insure that the operational capabilities of the harbor are maintained, \$197,000 was encumbered for special maintenance projects. Major special

maintenance projects undertaken during FY 2002 included the installation of bullrails, navigational safety enhancements, and construction of a stockpile containment system to ensure compliance with environmental rules.

Kewalo Basin

A total of \$441,500 was encumbered in FY 2002 for special maintenance projects for repairs to the fendering system, electrical repairs for compliance with the national electrical code, and the installation of an emergency exit at the Harbor Agents office.

Kahului Harbor

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

In FY 2002, Kahului Harbor accommodated 150,119 passengers and handled 2,475,090 tons of cargo.

A major project in construction includes the extension of Pier 1C by approximately 300 feet to accommodate multiple cruise ship berthing at a cost of \$8.6 million.

A total of \$600,500 was encumbered for major special maintenance projects for FY 2002. Major special maintenance projects undertaken during FY 2002 included repairs to pier structures; to container yard flexible and rigid pavements; to utilities for water, sewer, and electrical service; to buildings for roofing and restroom facilities; and site and building modifications for ADA compliance. Funds were also used to insure

compliance with U.S. Coast Guard environmental regulations.

Kaunakakai Harbor

A total of \$180,000 was encumbered in FY 2002 for a special maintenance project to repair the pier deck; maintain the fendering system; and to maintain the flexible pavement along the causeway at Kaunakakai Harbor.

During FY 2002, Kaunakakai Harbor handled 84,927 tons of cargo for the island of Molokai.

Hilo Harbor

Hilo is the Big Island's busiest port in terms of cargo volume and is second only to Honolulu as a port of call for cruise vessels. In FY 2002, Hilo Harbor accommodated 305,035 passengers and handled 1,385,612 tons of cargo.

Major projects in construction include the paving of additional storage area formerly occupied by molasses tanks at a cost of \$1 million, and the demolition of existing sugar storage facilities at \$1.6 million. A major project soon to begin is the Pier 1 Shed Modifications at a cost of \$5 million.

To insure that the operational capabilities of the harbor are maintained, \$660,000 was encumbered for special maintenance projects. Major special maintenance projects undertaken during FY 2002 included repairs to pier structures; repairs to electrical systems; building repairs; site and building modifications for ADA compliance; and enhancements for harbor security. Funds

were also used to insure compliance with U.S. Coast Guard environmental regulations.

Kawaihae Harbor

At Kawaihae Harbor, a major project involving the paving of an additional barge terminal area was completed. At a cost of \$3.5 million, these improvements now provide Young Brothers with an additional paved container yard area for their Kawaihae operations.

A total of \$313,000 was obligated for special maintenance projects in Kawaihae. Major projects undertaken were pier repairs, bridge deck repairs, studies, and fender repairs.

In FY 2002, Kawaihae Harbor accommodated 1,242 passengers and handled 626,019 tons of cargo.

Nawiliwili Harbor

In FY 2002, Nawiliwili Harbor accommodated 314,437 passengers and handled 623,884 tons of cargo as the gateway to the Garden Isle.

A total of \$672,000 was encumbered in FY 2002 for special maintenance projects for repairs to buildings; pier structures; site and building modifications for ADA compliance; and enhancements for harbor security. Funds were also used to insure compliance with U.S. Coast Guard environmental regulations.

Port Allen Harbor

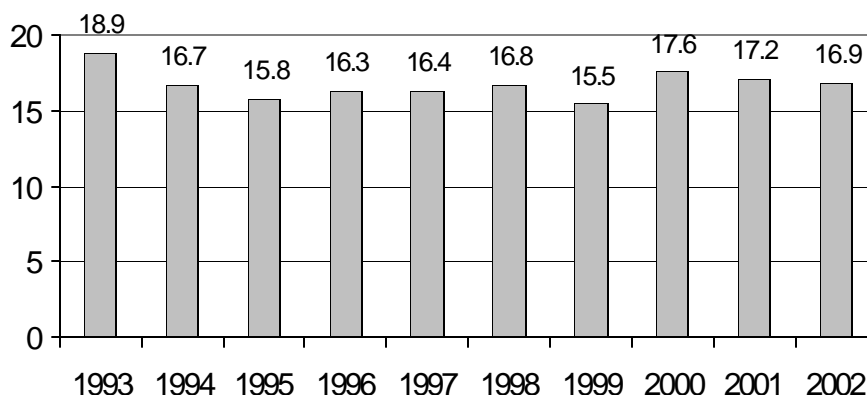
In FY 2002 Port Allen Harbor, on the southern end of Kauai handled 208,652 tons of cargo.

A total of \$163,000 was encumbered in FY2002 for special maintenance projects for repairs to the existing shed and ADA compliance.

Kaumalapau Harbor

The State's newest harbor is Kaumalapau Harbor on the island of Lanai. This harbor on the southwest coast of Lanai is the island's sole commercial harbor. The major project underway is the Army Corps of Engineers' Modifications and Repairs to the Existing Breakwater. Currently in design, this project will repair the existing Kaumalapau Harbor breakwater to reduce wave action in the harbor and increase harbor safety and usability.

Statewide Cargo Tonnage (in millions)



Highways Division

The Highways Division manages approximately 2,675 lane miles of highways on six islands. The division continues to improve safety on state highways and slowly increases the capacity of its highways to the extent feasible with reduced resources and insufficient staff.

Statewide, efforts to involve all segments of the public in highway planning intensified. In addition to public meetings to gain input on specific improvement projects, meetings were held statewide on the update of the Bike Plan Hawaii and the Statewide Transportation Improvement Program.

On Oahu, we are continuing the design of a North-South Road in Ewa between the Kapolei Parkway and Interstate Route H-1 to help ease the existing congestion on Fort Weaver Road and to provide access to future developments in the area. We are also undertaking a number of improvements on Fort Weaver Road to help improve traffic flow.

Planning studies for widening the Interstate Route H-1 between Waiawa Interchange and Halawa Interchange continue. The first increment of this improvement consists of widening the Waimalu Viaduct in the westbound direction. Design of the first increment has been completed and construction should begin next year. The second increment will focus on the eastbound direction from Waiau Interchange to Halawa Interchange. Improvements to

Waiawa Interchange are also being looked at as a part of these planning studies.

In Urban Honolulu, we are studying a number of different projects to help improve traffic flow. We are continuing studies to improve the Interstate Route H-1 at the Lunalilo Street On-ramp and Vineyard Boulevard Off-ramp. We are also studying the feasibility of other projects to improve traffic flow on the H-1 Freeway between Middle Street and the University area, including the possibility of squeezing in another eastbound lane between the Kalihi Interchange and the Vineyard Off-Ramp.

The Kamehameha Highway Drainage Improvements, in the vicinity of Kahuku Hospital and replacement of Kii Bridge was awarded to a design-builder in June 2002. The existing Kii Bridge structure and Hospital Ditch culvert structures are to be replaced to help alleviate the flooding problems in the Kahuku area.

The Kalaniana'ole Highway, Rock Scaling at Makapuu was advertised for construction bids on June 28, 2002 and the contract award is forthcoming. The project is an interim measure to address immediate rock fall concerns and provide necessary road repairs, until a permanent solution can be determined. The project includes scaling of slopes in the vicinity of the upper and lower Makapuu Lookout areas. Also included is installation of rock fall netting to enhance safety.

Design of the \$12 million Moanalua Freeway Resurfacing, from the Halawa Interchange to Kahauiki Interchange, also progressed and is expected to be completed during the winter of 2002. Construction is expected to begin in the summer of 2003. This project will include three demonstration pavement types - Stone Matrix Asphalt, Superpave Asphalt Concrete Pavement, and Ultra Thin Whitetopping.

The Office of Hawaiian Affairs in cooperation with the Highways Division hired a consultant to begin community outreach and planning work related to the H-3 Interpretive Development Plan. The Interpretive Development Plan will address the interpretation, maintenance, and appropriate treatment of various archaeological sites and artifacts that were impacted by the construction of the H-3 Freeway in the Halawa and Haiku Valleys.

The Freeway Management System (FMS), Phase I, Interstate Routes H-1, H-2 and Moanalua Freeway is currently in the design stage. The FMS in approximately six phases will develop a freeway incident management program and traveler information system; install vehicle detectors, CCTV and Dynamic Message Signs (DMS); and integrate with the City & County of Honolulu Traffic Surveillance System and portions of the H-3 Tunnel System. Deployment of freeway service patrols and development of a business plan for implementing level 1 of the Federal Motor Carrier Safety Administration (FMCSA) Commercial Vehicle Information Systems and Networks (CVISN) are other projects with work in-progress. These projects, through the Oahu Metropolitan

Planning Organization's (OMPO) ITS Task Force, are being coordinated with OMPO's efforts to develop an Oahu ITS Architecture, ITS Integration Strategy Plan and Concept of Operations Plan. OMPO's efforts will provide a framework for planning, designing, implementing, integrating and deploying ITS systems on Oahu.

On Hawaii, several bridge seismic retrofit projects are ongoing or have been completed. Design progressed for the four-lane widening of the Queen Kaahumanu Highway from Henry Street to the Kona International Airport. We are nearing completion of the replacement of the last of the four storm-damaged bridges on Route 11 in the vicinity of Pahala. Planning studies are continuing on the Waimea Bypass and have started on the Kawaihae Bypass. A smaller planning study to improve the Waiaka Bridge and its approaches at the Kawaihae Road and Kohala Mountain Road intersection should be completed by early next summer. This project should help to increase safety through the area and can be constructed in a much shorter time frame than the bypass projects.

The Mamalahoa Highway, Emergency Replacement of Paauau Stream Bridge, Improvements at Kamani Street, and Rehabilitation of Various Bridges, went out to bid and the \$5,817,000 construction contract was awarded on June 10, 2002. This is the last improvement project for the four bridges that suffered extreme storm damage in 2000.

We completed the Replacement of Kealakaha Stream Bridge using segmental bridge construction. This project was

obligated this past year at a cost of \$20,000,000.

The Hawaii Belt Road, Kupapaulua Bridge Widening was bid for construction on July 18, 2002. The HDOT received an apparent low bid of \$17,546,000. The project will widen Kupapaulua Bridge to provide two 12-foot wide lanes and 8-foot wide shoulders, and will include seismic retrofit.

On Maui, the contraflow operation on Haleakala Highway provides relief to motorists from Upcountry to Kahului and Wailuku during the morning and afternoon peak traffic period. The operation will continue until the permanent widening is constructed. Design of this widening is continuing. Design of the Honoapiilani Highway Widening, Maalaea Road to North Kihei Road was completed. Mokulele Highway Phase IA, Kuihelani Highway to Cane Haul Road, is in construction. Phase IB and IIC, Cane Haul Road to Mehameha Loop (Humane Society) will be advertised by November 2002. The Honoapiilani Highway widening went out to bid, was awarded and the Notice To Proceed (NTP) will be issued in October 2002.

These projects are intended to relieve congestion on these busy highways.

The Final Environmental Impact Statement for the Lahaina Bypass was accepted and follow-up studies will be performed during the 2002-2003 fiscal year. In Kihei, design was completed for the Interim Piilani Highway Four-Lane Widening, which uses the existing paved shoulders, and the project has gone out to bid. In Paia, we are studying ways to improve traffic flow on Hana Highway.

The Final Environmental Impact Statement and Record of Decision were completed for the Kihei-Upcountry Maui Highway project. The project is now in design.

The Hana Highway Repairs and Maintenance at Various Locations, Phase-2 project was bid in May. Items of work for this project include: drainage, guardrail, and roadway shoulder repairs and improvements at 10 locations on Hana Highway.

Consultants were hired to do design work for the Hana Highway Rockfall Mitigation project. This project will address two potential rockfall areas on Route 360, Hana Highway.

We advertised the Honoapiilani Highway Rock Revetment project at Launiupoko to repair the coastal erosion.

Consultants are finalizing a planning study for the Honoapiilani Highway Passing Lanes project from Maalaea to Puamana, which recommends left turn lanes for safety and passing lanes. This is one of the interim plans to address the traffic congestion on a major airport to resort route.

On the Island of Molokai, the design was 95 percent complete for the Kamehameha V Highway, Emergency Replacement of Kawaikapu Bridge. The project should be advertised in December 2002, awarded in February 2002, and the NTP should be issued in March 2003.

On Kauai, the "Kapaa Temporary Bypass" and the "Puhi Temporary Bypass" routes, along with the contraflow operations between Hanamaulu and Wailua

continue to temporarily relieve traffic congestion in their respective areas. Consultants are engaged in a planning study entitled, Kapaa Traffic Circulation Study, which is intended to study and suggest improvements that can be made to improve traffic circulation in the Waipouli-Kapaa area. These measures are interim in nature. The permanent Kapaa Bypass and the Kaumualii Highway widening projects will provide more permanent solutions to Kauai's congestion problems.

Kuhio Highway, Route 560 is being studied to develop the Kuhio Highway Comprehensive Roadway Plan for the area. This study will serve as a guide for future improvements in the district.

Oahu District

On Interstate Route H-1, construction projects totaling \$37 million were completed, which included resurfacing from Kunia Interchange to Waikele Stream Bridge; resurfacing from Punchbowl Off-Ramp to Kapiolani Interchange; seismic retrofit of the Kapiolani Interchange; guardrail and shoulder improvements from Palehua Separation to Waikele Bridge; and Punahou Street Off-Ramp Improvements.

On Interstate Route H-2, the \$155,000 improvements to Wahiawa Bridges 1 & 2 was completed.

On Interstate Route H-3, the \$4 million H-3 Finish Unit VI was completed.

On Kamehameha Highway, construction projects totaling \$6.9 million were completed, which included resurfacing Kamehameha Highway from Kaneohe

Bay Drive to Kahiko Street; landscape improvements in the vicinity of the Arizona Memorial; pedestrian accessible route improvements from Acacia Road to Honomanu Street; intersection improvements at Leilehua Golf Course Road; and slope protection vicinity of Waihona Street.

On Farrington Highway, construction projects totaling \$4.5 million were completed, which included intersection improvements at Waiomea Street; construction of a retaining wall above Wai-pahu High School; lighting improvements from Ala Hema Street to Piliokoe Bridge; and drainage improvements from Auyong Homestead Road to Nanaikeola Street.

On Fort Weaver Road, construction projects totaling \$6.6 million were completed, which included resurfacing from north of Laulaunui Street to Hanakahi Street; landscaping from Farrington Highway to Hanakahi Street; and traffic signal modernization from Laulaunui Street to Hanakahi Street.

Other construction projects totaling \$9.6 million were completed, which included resurfacing of Nimitz Highway from Rodgers Boulevard to Ahua Street; intersection improvements on Wilikina Drive at Kamananui Road; bicycle lanes on Waialae Avenue; supervisory control and data acquisition (SCADA) improvements at Wilson Tunnel; traffic signals at Kunia Road Regional Signet Operations Center; replacement of chain link fence and gates on Pali Highway and H-1; baseyard improvements at Hauula; and repair of pedestrian walkway at the Waikiki Aquarium.

Ongoing resurfacing projects totaling \$31 million, include Kalaniana'ole Highway from Ainakoa Street to West Hind Drive; Likelike Highway from Emmeline Place to Wilson Tunnel; and Kamehameha Highway from Waiahole Valley to Crouching Lion Inn.

Other ongoing construction projects totaling \$40.4 million, include:

- ? Interstate Route H-1 Palailai Interchange reconstruction;
- ? Interstate Route H-1 installation of emergency telephones;
- ? Interstate Route H-2 installation of emergency telephones from Wahiawa Interchange to Wilikina Drive;
- ? Oahu District warehouse;
- ? Highway lighting improvements at various locations;
- ? Keaahala Road widening from Kahekili Highway to Pookela Street;
- ? Mokapu Saddle Road slope stability vicinity of Mikiola Drive to Kahinani Place;
- ? Pedestrian facilities & ADA compliance at various locations;
- ? Kamehameha Highway intersection improvements at Kamananui Road;
- ? Kamehameha Highway sidewalk improvements from Meheula Parkway to Kuahelani Avenue;
- ? Kamehameha Highway Halawa Stream Bridge (Inbound) replacement;

? Farrington Highway improvements from Waikele Road to Aniani Place;

? Wilikina Drive intersection improvements at McNair Gate.

Hawaii District

Construction of the \$7.7 million emergency replacement of the Paauau Stream Bridge, the last of four bridges damaged in the November 2000 storm, is nearing completion.

The seismic retrofit projects for several Hamakua, North Hilo and South Hilo Districts are continuing. There are eight contracts totaling \$15 million that either are in progress or have been completed.

Contracts totaling \$11.6 million for the lead-based paint removal at the Kapue, Kolekole, Paheehee and Hakalau Bridges are ongoing.

The \$17.5 million Kupapaulua Bridge widening project bids were opened in June 2002. The \$16 million Kealakaha Bridge Replacement makai of the existing bridge on the Hawaii Belt Road should be bid shortly.

Approximately \$5.3 million of highway resurfacing projects in Hamakua, North Kohala, and South Kohala Districts, \$2.3 million of a guardrail and shoulder improvement project in South Kohala, and \$0.2 million of a tree trimming project in the Kau and Hamakua Districts were completed in this fiscal year.

A \$1,000,000 bike lane project on Kamehameha Avenue between Keonelehua Street and the Hilo Bayfront park is under construction.

State Airports,



Kauai

Port Allen Airport

Lihue Airport

Port Allen Harbor

Nawiliwili Harbor

Kaumualii Highway

Waimea Canyon Drive

Kuhio Highway

Ahukini Road

Waialo Road

Halewili Road

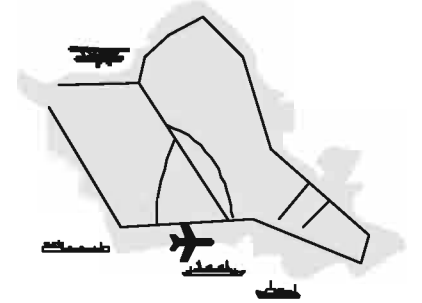
Nawiliwili Road

Kapule Highway

Kuamoo Road

Maalo Road

Kokee Road



Oahu

Dillingham Field

Honolulu International Airport

Ford Island

Kalaeloa Barbers Point Harbor

Honolulu Harbor

Kewalo Basin

Interstate Route H-1

Interstate Route H-2

Interstate Route H-3

Moanalua Freeway

Ala Moana Boulevard

Farrington Highway

Fort Weaver Road

Fort Barrette Road

Haleiwa Bypass

Kahekili Highway

Kalaniana'ole Highway

Kamananui Road

Kamehameha Highway

Kunia Road

Likelike Highway

Mokapu Saddle Road

Nimitz Highway

Pali Highway

Puuloa Road

Sand Island Access Road




Old Waialae Road

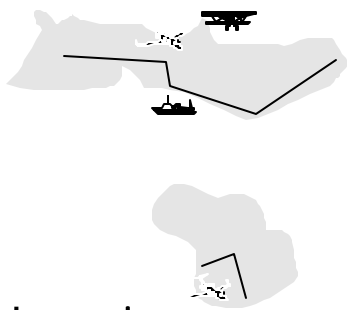
Vineyard Boulevard







Harbors, and Highways

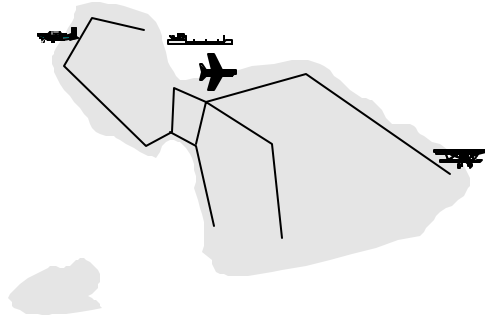
Molokai

- Molokai Airport 
- Kalaupapa Airport 
- Kaunakakai Harbor 
- Maunaloa Highway
- Kamehameha V Highway
- Kalae Highway
- Farrington Avenue
- Puupeelua Avenue



Maui

- Kahului Airport 
- Kapalua Airport 
- Hana Airport 
- Kahului Harbor 
- Honoapiilani Highway
- Kuihelani Highway
- Piilani Highway
- Haleakala Highway
- Hana Highway



- Kahekili Highway
- Kula Highway
- Haleakala Crater Road
- Mokulele Highway
- Kahului Beach Road
- Waiehu Beach Road
- Puunene Avenue
- High Street
- Main Street
- Hobron Street
- Wharf Street
- Kekaulike Avenue
- Dairy Road

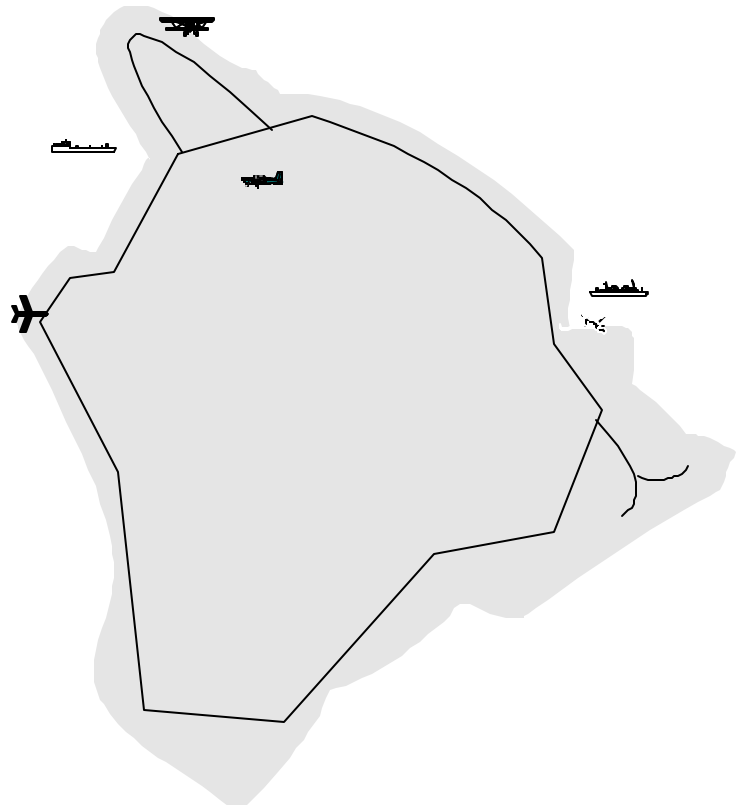
Lanai

- Lanai Airport 
- Kaumalapau Highway
- Manele Road



Big Island

- Keahole-Kona International Airport 
- Upolu Point 
- Waimea-Kohala Airport 
- Hilo International Airport 
- Kawaihae Harbor 
- Hilo Harbor 
- Queen Kaahumanu Highway
- Mamalaho Highway
- Hawaii Belt Road
- Akoni Pule Highway
- Kawaihae Road
- Kohala Mountain Road
- Kuakini Highway
- Volcano Road
- Keaau-Pahoa Road
- Pahoa-Kalapana Road
- Kanoiehua Avenue
- Akaka Falls Road
- Ke Ala O Keawe Road
- Honokaa-Waipio Road



An estimated \$1.7 million project to bring the Honokaa-Waipio Road and Akoni Pule Highway into compliance with the Americans with Disabilities Act in the towns of Honokaa, Kapaau, and Hawi is in design now. Construction is ongoing for a \$6,400,000 widening and resurfacing project that will provide standard shoulders and channelized intersections for the Keaau-Pahoa Road, Paradise Drive toward Pahoa. The project also includes construction management of the waterline for the Hawaiian Homelands Makuu Farmlots subdivision. The \$1.6 million Volcano Road and Huina Road intersection channelization was also bid out at the end of June.

A \$500,000 traffic signal system was installed at the Queen Kaahumanu Highway/Hina Lani Drive Intersection, and the \$290,000 traffic signal system at the Keaau-Pahoa Road/Pahoa-Kapoho Road Intersection also was completed. The \$1.4 million traffic signal modernization project on Kanoiehua Avenue in Hilo and the \$133,000 flashing warning lights project in South Kohala, North Kona, South Kona and Kau Districts are nearing completion. The traffic signals for Queen Kaahumanu Highway at Waikoloa Road and Waikoloa Beach Drive were bid out.

The \$1.3 million Hilo Baseyard renovation project was completed also during this fiscal year.

Maui District

Maui is experiencing rapid growth of traffic due to the 28 percent increase in population in the last decade, commercial center and housing development, and growth in tourism. In Fiscal Year

2002, we completed construction of the traffic signal modernization between Kaanapali and Lahaina.

We also started the construction of the four lane widening of Kuihelani Highway, the traffic signal modernization at various locations, and the replacement of Kaupakalua Stream Bridge on Hana Highway.

Construction of the widening to four lanes of Honoapiilani highway between North Kihei Road and Kuihelani Highway, the replacement of Uaoa Stream Bridge on Hana Highway, and the improvements and traffic signal modernization of Main Street and Kaahumanu Avenue from High Street to Hobron Avenue are on-going.

Other projects completed by Maui District were repairs to Kahana Kai Bridge on Honoapiilani Highway, and phase 2 of the demolition of homes on Ikena Avenue for the Honoapiilani Highway Bypass.

On Maui, resurfacing was completed on Kuihelani Highway from Puunene Avenue to Honoapiilani Highway.

Meanwhile, design of the traffic operational improvements at various intersections on Maui, widening to four lanes on Honoapiilani Highway from North Kihei Road to Maalaea Harbor, and widening to four lanes on Puunene Avenue and Mokulele Highway from Kuihelani Highway to Vicinity of Cane Haul Crossing were completed and placed out to bid. Design of the widening of Haleakala Highway from Hana Highway to Halii-maile Road as well as the remaining phases of widening of Mokulele High-

way continues. Planning for the Lahaia Bypass, and the Kihei Upcountry Route continues.

On Molokai, resurfacing was completed on , on Kamehameha Highway from Kaunakakai to Kamiloloa Bridge and Kapuokoolau to Kamalo.

Kauai District

On Kauai, projects addressing drainage concerns, intersection improvements, including traffic signal modernization improvements, and pavement-marking replacement, guardrail improvements, pavement rehabilitation and resurfacing, and beautification and landscaping projects were completed.

Improvements along Waimea Canyon Drive addressed some drainage, maintenance and liability concerns in the area.

Intersection improvements totaling \$2.1 million were completed. Six non-signalized intersections on Kaumualii Highway and Kuhio Highway were improved to promote safety and improve efficiency. Traffic signals at the Papalina Road / Kaumualii Highway, Puhi Road / Kaumualii Highway, and Ahukini Road / Kapule Highway were modernized.

Pavement markings between Kala Road and Waimea Canyon Drive were replaced.

Renovations to guardrail connections at bridge structures on Kuhio Highway were made.

Portions of Kaumualii Highway and Kuhio Highway underwent rehabilitation and resurfacing totaling \$3.4 million.

The \$5.4 million Lihue Gateway project landscaped Kapule Highway and Ahukini Road and provided intersection improvements to the Kapule / Ahukini roads – the “Gateway” to Kauai from the Lihue Airport.

Highway Safety

The department held its second Hawaii Traffic Safety Forum, which was held on November 26-28, 2001 at the Hilton Hawaiian Village Hotel on Oahu. The forum featured tracks in engineering, education, enforcement and other traffic safety issues was attended by more than 500 people.

In our quest to make our highways a safer place, the department implemented a speed photo enforcement demonstration program in January 2002. Though short-lived, the program was effective in drastically reducing speeding on Oahu’s roadways.

The department also implemented the “Click It or Ticket” campaign, which targeted unbuckled passengers and drivers in the 18-35 year old age group in May 2002. During this period, county police departments issued more than 3,500 citations. In addition to the unbuckled passengers, police also cited those who violated the Hawaii’s child passenger restraint law, which requires children under four years old to ride in a child safety seat in the back seat. As a result Hawaii’s seat belt usage rate rose to 90.4 percent, the second highest in the nation.

Department of Transportation

The Department of Transportation was formed shortly after Hawaii became a state in 1959. It has three divisions, Airports, Harbors and Highways, which are supported by 10 departmental staff offices. The offices are Statewide Transportation Planning, Office of Special Compliance, Public Affairs, Visitor Information, PPB Management and Analytical, Personnel, Business Management, Contracts, Computer Systems and Services, and Property Management

The objective of the Department of Transportation is to facilitate the rapid, safe and economical movement of people and goods into, within, and out of the state by providing and operating transportation facilities and supporting services.

Funding

The DOT is required by law to generate its own monies to fund its programs and projects. Independent special funds were established for each of the three division's major programs.

Each fund is expected to generate enough revenue to pay for program operation and maintenance costs and to contribute a fee to the State General Fund for central services. This fee is set at five percent of each special fund's gross revenues after debt service.

Since the Capital Improvement Program is large, the DOT continues to rely on reimbursable General Obligation Bonds and federal aid to help fund programs and projects.

Airport Revenue Fund

The Airport Revenue Fund was created under Section 261-5, HRS. Its primary revenue sources are the aviation fuel tax, landing fees, airport use charges, concession fees, and investment income. Other revenue sources include rentals and miscellaneous earnings.

Harbor Special Fund

The Harbor Special Fund was established under Section 266-19, HRS. The majority of the fund's revenues come from fees and charges for wharfage, dockage, demurrage, and the rental of land and wharf space at the state's commercial harbors. The remaining amount is generated from various service charges, permits and licenses.

Highway Fund

The State Highway Fund was established under Section 248-8 HRS, as amended. The principal sources of revenue are a 16 cent per gallon fuel tax and a vehicle weight tax of 3/4 cent per pound for vehicles weighing less than 4,000 pounds, 1 cent per pound for vehicles between 4,000 and 7,000 pounds, 1 and 1/4 cent per pound for vehicles 7,000 to 10,000 pounds and a flat \$150 for vehicles over 10,000.

Commission on Transportation

The Commission on Transportation, which serves as an advisor to the Director, is a communications conduit between the public and the Department of Transportation.

The Commissioners also chair public hearings for the Department.

Willie Crozier III

Chair, Oahu

Lester Fushikoshi

Vice Chair, Hawaii

Walter Y. Arakaki

Oahu

Edward Y. Hirata

Oahu

Rudy Miranda

Kauai

David Rae

Oahu

Stephen Smith

Maui

Norman K. Tsuji

Hawaii

Alfred Wong

Oahu

Jane N. Yamashiroya

Oahu

Years ended June 30	2002	2001
Operating Revenues		
Concession fees	\$102,788,144	\$176,861,496
Aeronautical Rentals		
Nonexclusive joint-use premise charges	22,976,350	26,534,286
Exclusive use premise charges	26,718,579	26,260,315
Nonaeronautical rentals	9,047,527	9,734,523
Airport landing fees	14,565,475	36,823,118
Aviation fuel tax	3,322,490	3,869,706
Airports system support charges	391,640	829,501
Miscellaneous	3,084,605	6,173,086
Total operating revenues	182,894,810	287,086,031
Operating expenses other than depreciation	141,289,738	120,455,657
Salaries and wages	47,847,638	45,619,595
Other personnel services	36,677,734	25,727,957
Utilities	17,023,413	18,661,237
Special maintenance	10,574,224	5,628,016
Repairs and maintenance	9,856,299	10,173,062
State of Hawaii surcharge on gross receipts	5,739,256	2,266,599
Materials and supplies	4,639,566	3,604,258
Department of Transportation general administration expenses	3,351,720	3,607,442
Insurance	2,089,694	830,651
Claims and benefits—payments made during the year	1,243,186	1,054,440
Claims and benefits—worker's compensation claims payable	0	1,000,000
Communication	402,559	437,643
Travel	307,742	266,360
Disbursements out of major maintenance, renewal & replacement account	276,622	729,558
Rent	244,877	236,917
Dues and subscriptions	130,238	193,042
Printing & advertising	18,206	34,562
Freight & delivery	12,432	22,637
Miscellaneous	854,332	361,681
Depreciation	84,729,799	91,228,299
Total operating expenses	226,019,537	211,683,956
Operating income (loss)	(43,124,727)	75,402,075
Nonoperating Revenues (Expenses)		
Interest income:		
Certificates of deposit, repurchase agreements and U.S. government securities	30,514,784	47,425,420
Investments in direct financing leases	3,063,478	3,215,935
Interest expense:		
Revenue bonds:		
Airports system	(44,250,193)	(64,093,061)
Special facility	(3,063,478)	(3,215,935)
General obligation bonds	(19,805)	(23,035)
Federal operating grants	4,949,039	
Gain (loss) on transfer of property		(1,527,989)
Loss on disposal of property, plant and equipment	(4,393,006)	(1,605,109)
Loss on redemption of bonds	(1,907,907)	(2,992,297)
Nonoperating revenues (expenses) - net	(15,107,088)	(22,816,071)
Gain (loss) before capital contributions & transfers	(58,231,815)	52,586,004
Capital contributions and transfers		
Federal capital grants	15,406,845	26,785,954
Contributed land	2,630,000	1,087,643
Transfer from Highways Division	17,103,058	0
Total capital contributions and transfers	35,139,903	27,873,597
Adjustments for depreciation expense on assets acquired with federal grants transferred to contributed capital	0	13,891,623
Increase (decrease) in net assets	(23,091,912)	94,351,224
Total net assets, beginning of year	1,504,966,680	1,410,615,456
Total net assets, end of year	1,481,874,768	1,504,966,680

Harbors Division

Statements of Revenues, Expenses and Changes in Retained Earnings Years ended June 30	2002	2001
Operating Revenues		
Services	\$43,049,386	\$42,132,173
Rentals	\$21,994,528	\$20,070,065
Others	\$1,122,167	\$1,325,907
	\$66,166,081	\$63,528,145
Operating Expenses Before Depreciation		
Personal services	\$9,453,202	\$8,110,482
Harbor operations	\$2,049,259	\$4,368,023
Maintenance	\$4,491,761	\$4,029,037
State of Hawaii, surcharge for central service expenses	\$2,341,865	\$2,388,447
Fireboat operations	\$1,605,257	\$1,086,376
General administration	\$2,380,909	\$4,743,309
Department of Transportation, general administration expenses	\$1,011,208	\$977,736
	\$23,333,461	\$25,703,410
Income from operations before depreciation	\$42,832,620	\$37,824,735
Depreciation		
	\$11,590,577	\$11,294,701
Income from operations	\$31,242,043	\$26,530,034
Nonoperating Income (expense)		
Interest income		
Deposits in investment pool	\$4,706,731	\$8,615,145
Investment in direct financing lease	\$1,076,103	\$1,075,233
Interest expense (Note J)		
Revenue bonds	(\$9,758,131)	(\$10,982,005)
Special facility revenue bonds	(\$948,750)	(\$948,750)
General obligation bonds	(\$29,397)	(\$54,909)
Amortization of bond discount, issue costs and loss on re-funding	(\$637,657)	(\$642,510)
Loss on disposal of harbor facilities	(\$18,267)	(\$123,423)
Other, net	\$181,135	\$270,345
	(\$5,428,233)	(\$2,790,874)
Refund of Wharfage Fees (Note K)	—	(\$1,024,613)
Net Income	\$25,813,810	\$22,714,547

Highways Division

Combines Statement of Revenue, Expenditures and Changes in Fund Balance

All Government Fund Types

Year ended June 30, 2002

	State Highway Fund	Capital Projects Fund	Total *
Revenues:			
Intergovernmental Federal grants-in-aid	\$27,106,556	\$74,437,800	\$101,544,356
Taxes and fees			
Fuel taxes	\$73,045,996		\$73,045,996
Vehicle weight tax	\$24,507,850		\$24,507,850
Vehicle registration fees	\$17,461,165		\$17,461,165
Interest income	\$11,452,602		\$11,452,602
Others	\$62,770,265		\$62,770,265
Total Revenues	\$216,344,434	\$74,437,800	\$290,782,234
Expenditures:			
Operating and Maintenance			
Oahu Highways and Services	\$35,090,616		\$35,090,616
Hawaii Highways and Services	\$15,193,225		\$15,193,225
Maui Highways and Services	\$12,652,204		\$12,652,204
Molokai Highways and Services	\$3,108,395		\$3,108,395
Lanai Highways and Services	\$755,410		\$755,410
Kauai Highways and Services	\$8,525,306		\$8,525,306
Motor Vehicle Safety Office	\$5,809,569		\$5,809,569
Administration	\$12,735,373		\$12,735,373
Debt Service	\$45,953,060		\$45,953,060
Surcharge for Central Services Expenses	\$7,187,140		\$7,187,140
Capital Projects		\$106,723,632	\$106,723,632
Total Expenditures	\$147,010,298	\$106,723,632	\$253,733,930
Excess (deficiency) of revenues over expenditures before other financial sources (uses)	\$69,334,136	(\$32,285,833)	\$37,048,304
Other financial sources (uses)			
Operating transfers in		\$37,414,184	\$37,414,184
Operating transfers out	(\$64,502,810)		(\$64,502,810)
Total other financial	(\$64,502,810)	\$37,414,184	(\$27,088,626)
Excess (deficiency) of revenues and other financial sources over expenditures and other financial (uses)	\$4,831,326	\$5,128,351	\$9,959,678
Fund balance in July 1, 2001	\$139,114,142	\$230,232,177	\$369,346,319
Fund balance in June 30, 2002	\$143,945,468	\$235,360,528	\$379,305,997
State funded highways construction program	\$21,278,464		

*Unaudited Memorandum Only

Projects Completed & In Progress FY 2001-2002

Project	Started	Completed	Cost	Description
Hilo Int'l Airport Baggage Claim Relocation	Sep-00	Oct-01	\$1.3M	Construct two baggage claim with two carrouseles
Hilo Int'l Airport Signage and Graphics Improvements	May-00	Jun-02	\$837,900	Install ways finding signs
Kona Int'l Airport Signage & Graphics Improvements	Oct-00	Aug-01	\$852,331	Install ways finding signs
Kona Int'l Airport Postal Facility Site	Sep-00	Apr-02	\$1.7M	Postal facility site preparation
Kona Int'l Airport Waste Water Treatment Plant	Jun-00	Mar-02	\$15.9M	Replace sewage treatment plant
Lihue Airport Maintenance Baseyard Improvements	Mar-02	Feb-03	\$1.5M	Construct a 3-bay storage facility and an extension
Kahului Airport East Ramp Sewer System	Nov-00	Oct-01	\$2.7M	Upgrade sewer system
Molokai Airport Access Road and Parking Lot Improvement	May-00	May-01	\$1.3M	Access road realignment and upgrade parking
Honolulu Int'l Airport 3rd Level OST Roadway Strengthening	Apr-02	Sep-03	\$13.8M	Strengthen/improve 3rd level Overseas Terminal roadway
Honolulu Int'l Airport Perimeter Road	Jan-02	Jan-03	\$5.5M	Construct a perimeter road on the east end of the airport
Installation of LAHSO Lighting System at Honolulu Int'l Airport	May-01	Mar-02	\$600,000	Install land and hold short operations runway lighting
Honolulu Int'l Airport Ticket Lobby Improvements	Feb-01	May-02	\$5.3M	Construct glass canopies fronting the ticket lobby
Honolulu Int'l Airport Multi-Cultural Enhancements	May-99	Mar-03	\$2.4M	Theme enhancements
Honolulu Int'l Airport Central Concourse Misc. Improvements	Oct-00	Dec-01	\$1M	Install glass sliding doors and refurbished restrooms
Honolulu Int'l Airport Signage & Graphics, Phase IVA	Apr-02	Oct-02	\$1.5M	Install ways finding signs
Honolulu Int'l Airport Manuwai Canal Culvert Extension	Feb-00	Dec-01	\$7.8M	Construct an extension to the existing Manuwai Canal Culvert
Noise Attenuation at Iroquois Point Elementary School	Apr-01	Nov-01	\$4.2M	Provide soundproofing by air conditioning school buildings
Statewide Architectural Barrier Removal, Phase II, Part B	Jun-01	Feb-02	\$947,476	Provide ADA access at Molokai, Kona, and Hilo Int'l Airport
Honolulu Harbor, Aloha Tower	Aug-02	Jun-02	\$65,000	Replace fire alarm panel
Honolulu Harbor, Aloha Tower	Jan-02	Jun-02	\$87,000	Lighting improvements
Honolulu Harbor, Piers 8-11	May-02	Oct-02	\$208,000	Replace bullrails
Honolulu Harbor, Pier 10 Shed	Jul-02	Sep-02	\$109,000	Repair concrete column bases
Honolulu Harbor, Piers 10&11	Mar-02	Nov-02	\$88,000	Repaint shed
Honolulu Harbor, Pier 11	Oct-02	Mar-02	\$87,000	Replace air conditioning equipment
Honolulu Harbor, Pier 19	Jan-02	Dec-02	\$4.3M	Ferry terminal
Honolulu Harbor, Piers 22-23	May-02	Sep-02	\$36,000	Maintenance dredging
Honolulu Harbor, Pier 24-29	Aug-99	Jun-02	\$906,000	Shed demolition & site improvements
Honolulu Harbor, Pier 32	Mar-99	Jan-02	\$697,000	Tank farm demolition
Honolulu Harbor, Pier 31-33	Apr-02	Oct-02	\$205,000	Repair substructure
Honolulu Harbor Piers 36-38	Mar-99	Dec-02	\$6.4M	DCFV pier improvements
Honolulu Harbor, Pier 36-38 Subdivision	Feb-00	Apr-02	\$4.1M	DCFV subdivision improvements
Honolulu Harbor, Pier 36-38 Multi-User Bldg.	Jan-02	Oct-02	\$4.0M	DCFV construction of building
Honolulu Harbor, Pier 39	Feb-02	Sep-02	\$128,000	Repair reefer storage area
Honolulu Harbor, Pier 39	Oct-00	Sep-02	\$200,000	Pavement repairs

Project	Started	Completed	Cost	Description
Honolulu Harbor, Sand Island Container Yard	May-00	May-02	\$255,000	Light pole repairs
Honolulu Harbor, Pier 51-53 Container Yard	Dec-02	Nov-02	\$700,000	Pavement repairs
Honolulu Harbor, Pier 51	Feb-02	Aug-02	\$123,000	Replace waterline in container yard
Honolulu Harbor, Pier 51	Apr-02	Jul-02	\$177,000	Stevedore driveway access & parking lot
Kalaeloa Barbers Point Harbor	Jan-00	Jun-02	\$402,000	Navigational lighting along NW margin
Kalaeloa Barbers Point Harbor, Piers 1,5,6	Apr-02	Jun-02	\$90,000	Replace bullrails
Kalaeloa Barbers Point Harbor, Pier 5	Apr-00	Feb-02	\$5.6M	Pier 5 extension & utility improvements
Kalaeloa Barbers Point Harbor, Electrical	Mar-00	Oct-02	\$71,000	Electrical repairs
Kalaeloa Barbers Point Harbor, Pier 7	Nov-00	Sep-02	\$16M	Construct Pier 7 & landside improvements
Kalaeloa Barbers Point Harbor	Mar-02	Aug-02	\$84,000	Replace silt barriers
Kewalo Basin, Catwalks T-F1	May-00	Nov-02	\$2.5M	Replacement of catwalks
Kewalo Basin	Sep-02	Sep-02	\$110,000	Electrical repairs
Kahului Harbor, Pier 1 Container Yard	Oct-02	May-02	\$166,000	Pavement repairs
Kahului Harbor, Pier 1	Apr-02	Aug-02	\$190,000	Substructure repairs
Kahului Harbor, Pier 1C	May-02	Dec-02	\$8.6M	Construct Pier 1C extension
Kahului Harbor, Pier 1 Shed	Jun-02	Sep-02	\$180,000	Siding repairs
Kahului Harbor, Pier 1 Shed	Jul-00	Sep-02	\$1.0M	Construct passenger cruise terminal
Kahului Harbor, Pier 2	Jan-02	Feb-02	\$96,000	Pavement repair
Kahului Harbor, Pier 2 Shed Extension	May-02	Oct-02	\$192,000	Repairs to shed
Kahului Harbor, P2 Shed Extension & P1A Shed	Apr-02	Oct-02	\$122,000	Replace roll-up doors
Kaunakakai Harbor, Causeway	Mar-02	Apr-02	\$34,000	Pavement repairs
Kawaihae Harbor, Container Yard	Nov-00	Mar-02	\$3.6M	Pave additional barge terminal area
Kawaihae Harbor Pier	May-02	Aug-02	\$240,000	Replace fender system
Hilo Harbor	Jun-02	Jul-02	\$87,000	Pavement repairs
Hilo Harbor, Pier 1	Nov-02	May-02	\$352,000	Repair fender system, phase 4
Hilo Harbor, Pier 3	Feb-02	Sep-02	\$1.1M	Pave former molasses tank area
Hilo Harbor	Jul-02	Jun-02	\$1.6M	Demolish sugar facilities
Nawiliwili Harbor, Kanoa Street Overlay	Mar-02	Apr-02	\$40,000	Pavement repairs
Nawiliwili Harbor, Pier 1	Jun-02	Jul-02	\$83,000	Repair pavement behind Jetty Road
Nawiliwili Harbor, Pier 1&2	Jun-02	Nov-02	\$41,000	Replace backflow preventers
Nawiliwili Harbor, Pier 2 Shed	Aug-02	Oct-02	\$93,000	Siding repairs
Port Allen Harbor Shed	Apr-02	Jan-02	\$314,000	Repair fire sprinkler system
Interstate Route H-1, Kapiolani Interchange	Sep-99	Jun-03	\$4.7M	Seismic retrofit
Interstate Route H-1, Kunia Interchange	Aug-98	Jun-03	\$14.4M	Interchange improvements
Interstate Route H-1, Kunia Interchange to Waikele Stream Bridge	Nov-99	Nov-02	\$3.7M	Resurfacing
Interstate Route H-1, Lunalilo Off-Ramp, Makiki Viaduct and Palama Separation.	Aug-00	Dec-02	\$4.1M	Seismic retrofit
Interstate Route H-1, Palailai Interchange.	Jan-02	Mar-04	\$5.7M	Interchange reconstruction
Interstate Route H-1, Palailai Interchange to Halawa Interchange.	Mar-02	Dec-02	\$543,597	Emergency telephone installation
Interstate Route H-1, Palehua Separation to Waikele Bridge	Apr-00	Nov-02	\$2.5M	Guardrail and shoulder improvements
Interstate Route H-1, Punahou Street	Apr-01	Dec-03	\$2.7M	Off-ramp improvements
Interstate Route H-1, Vicinity of Makakilo Interchange.	Sep-01	Mar-02	\$189,997	Drainage improvements
Interstate Route H-1 at Various Locations, Palailai Interchange to Airport Interchange	Nov-98	Dec-02	\$625,448	Guardrail and shoulder improvements

Project	Started	Completed	Cost	Description
Interstate Route H-1, Vicinity of Punchbowl Off Ramp to Kapiolani Interchange	Apr-00	Apr-02	\$23.4M	Resurfacing
Interstate Route H-1, Waipahu Street to Waiawa Road	Jan-98	May-02	\$3.9M	Resurfacing
Interstate Route H-2, Leilehua Interchange to Waiawa Interchange	Jul-00	Dec-02	\$4.0M	Highway lighting installation
Interstate Route H-2, Milliani Interchange, Southbound On and Off Ramps	Oct-98	Nov-01	\$3.8M	Ramp construction
Interstate Route H-2, Milliani Interchange, to Wahiawa	Aug-00	Jan-02	\$186,846	Guardrail installation
Interstate Route H-2, Wahiawa Interchange Bridge No. 1 and Bridge No. 2.	Oct-01	Dec-02	\$154,459	Bridge improvements
Interstate Route H-2, Waiawa Interchange to Wilikina Drive.	Jan-02	Dec-02	\$427,200	Emergency telephone installation
Interstate Route H-3, H-3 Finish	Jul-00	Dec-02	\$4.0M	Finishing work
Interstate Route H-3, Halekou Interchange to Kaneohe Marine Corps Base, Hawaii	Jan-00	Nov-02	\$3.6M	Resurfacing
Interstate Route H-3, Leeward Section.	Aug-97	Jun-03	\$48.3M	Finishing work
Material Testing and Research Branch	Jan-01	Jul-01	\$36,030	Building renovations - lights
Material Testing and Research Branch	Jan-01	Aug-02	\$118,961	Building renovations - misc.
Farrington Highway, Auyong Homestead Road to Nanaikeola Street.	Feb-01	Jun-02	\$673,520	Improvements
Farrington Highway, Waiomea Street.	Apr-01	Oct-02	\$2.0M	Intersection improvements
Farrington Highway, Leoku Street.	Feb-01	Jun-02	\$491,015	Intersection improvements
Farrington Highway, Above the Waipahu High School Athletic Field.	Mar-01	Jul-02	\$739,668	Construct retaining wall
Farrington Highway, Ala Hema Street to Piliokoe Bridge.	Dec-00	Dec-02	\$1.1M	Lighting improvements
Farrington Highway, Vicinity of Tracks Beach Park.	Jan-00	Dec-02	\$1.1M	Highway improvements
Farrington Highway, Waikele Road to Aniani Place.	Jun-02	Nov-02	\$385,800	Highway improvements
Fort Weaver Road, Laulaunui Street to Hanakahi Street	Jun-01	Jun-03	\$621,700	System installation
Fort Weaver Road, North of Laulaunui Street to Vicinity of Hanakahi Street.	Apr-01	Jan-03	\$4.7M	Resurfacing
Fort Weaver Road, Vicinity of Hanakahi Highway to Farrington Highway	Apr-99	Jun-03	\$1.1M	Landscaping
Hauula Baseyard.	May-01	Dec-02	\$1.1M	Improvements
Highway Lighting at Various Locations	Oct-98	Dec-03	\$15.0M	Safety improvements
Kahekili Highway, Likelike Highway to Vicinity of Haiku Road	Jun-95	Dec-02	\$27.2M	Additional lanes, highway lighting replacement
Kailua Road Bicycle Route, Kalaniana'ole Highway to Kawainui Bridge	Sep-99	Jul-01	\$1.6M	Shoulder improvements
Kalaniana'ole Highway, Ainakoa Avenue to West Hind Drive. & Kalaniana'ole Highway, Ainakoa Avenue to Laukahi Street	Jul-00	Jun-03	\$3.1M	Resurfacing and water main installation
Kalaniana'ole Highway, Analii Street.	Mar-01	Dec-02	\$188,442	Traffic signal installation
Kalaniana'ole Highway, Hanauma Bay towards Sandy Beach	Feb-99	Sep-01	\$6.6M	Guardrail replacement
Kalaniana'ole Highway, Makapuu Lookout to Kealahou Street	Jan-00	Sep-01	\$686,048	Shoulder improvements
Kamehameha Highway, Acacia Road to Honomanu Street	Mar-00	Dec-02	\$1.0M	Pedestrian accessible route improvements

Project	Started	Completed	Cost	Description
Kamehameha Highway, Anemoku Street	Oct-00	Oct-01	\$192,700	Traffic signal installation
Kamehameha Highway, Halawa Stream Bridge (Inbound)	Dec-99	Sep-03	\$83,360	Subsurface investigation
Kamehameha Highway, Helemano-Waialua Junction to Haliewa Beach Park	Oct-98	Nov-01	\$618,625	Landscaping
Kamehameha Highway, Kaneohe Bay Drive to Kahiko Street	Jul-00	Dec-02	\$192,700	Resurfacing
Kamehameha Highway, Leilihua Golf Course Road	Dec-00	Dec-02	\$2.5M	Intersection improvements
Kamehameha Highway, Vicinity of Polinalina Road	Jul-00	Oct-01	\$439,000	Drainage improvements
Kamehameha Highway, Vicinity of Arizona Memorial	Apr-00	Apr-02	\$173,283	Landscape improvements
Kealahala Road, Kahekili Highway to Po'okela Street.	Aug-01	May-02	\$3.2M	Road widening
Kunia Road, Anonui Street to South Kupauna Loop; and H-1, Kunia Interchange, Ramp KO	Feb-00	Apr-02	\$3.7M	Street & ramp widening
Kunia Road, Kunia Regional Signit Operations Center	May-01	Jun-02	\$199,655	Traffic signal installation
Mokapu Saddle Road, H-3 On Ramp	May-00	Apr-02	\$1.2M	Installation of traffic signals
Mokapu Saddle Road, Kaneohe Bay Drive	Mar-00	Aug-01	\$340,899	Installation of traffic signals
Mokapu Saddle Road, Vicinity of Mikiola Drive to Kahinani Place.	Mar-02	Feb-02	\$3.3M	Slope protection
Nimitz Highway, Rodgers Blvd to Ahua Street.	Aug-00	Dec-02	\$3.5M	Resurfacing
Oahu District Warehouse Building	Jun-01	Jan-03	\$2.7M	Construct warehouse building
Pali Highway and Interstate Route H-1	Jan-02	Dec-02	\$623,772	Repair chain link fence and gates
Pali Highway, Jack Lane	Jul-00	Sep-01	\$573,187	Intersection improvements
Pearl City and Keehi Baseyards	Feb-01	Sep-01	\$262,862	Fence & bumper guard installation
Waialae Avenue, Kealaolu Avenue to Kalaniana'ole Highway and 17th Avenue to 21st Avenue	Sep-01	Dec-02	\$1.1M	Shoulder improvements for bicycle lanes
Waialae Avenue, Vicinity of Kahala Mall	Jun-00	Aug-01	\$251,420	Landscape improvements
Waikiki Aquarium	Apr-02	Dec-02	\$383,061	Repair pedestrian walkway
Wilikina Drive, Kamananui Road	Mar-00	Dec-02	\$1.2M	Intersection improvements
Wilson Tunnel	Apr-01	Dec-02	\$1.5M	Improvements
Akoni Pule Highway, Kohala Ranch to Kawaihae	Feb-00	Sep-02	\$2.3M	Guardrail & shoulder improvements
Hawaii Belt Road, Auwaiakeakua and Popoo Bridges	Jun-00	Nov-02	\$3.7M	Bridge replacement
Hawaii Belt Road, East of Ninole	Mar-00	Apr-02	\$3.8M	Seismic retrofit of various bridges
Hawaii Belt Road, Kaala Bridge to Kaawalii Gulch	Oct-96	Oct-02	\$2.9M	Resurfacing
Hawaii Belt Road, Kapue and Kolekole Bridges.	Dec-01	May-03	\$2.9M	Clean and paint steel members
Hawaii Belt Road, Keamuku to Puanahulu, M.P. 9.74 to M.P. 16.45.	Jun-02	Mar-02	\$1.9M	Resurfacing.
Hawaii Belt Road, Pahokee and Hakalau Bridges.	Dec-01	Jun-03	\$8.7M	Clean and paint steel members
Hawaii Belt Road, Various Bridges, Vicinity of Pepeekeo.	Jan-02	Jan-03	\$3.0M	Seismic retrofit
Hawaii Belt Road, Various Locations, Hawaii.	Oct-01	Jun-02	\$379,398	Culvert repairs and renovations
Hawaii Belt Road, Vicinity of Kahawailiili Bridge to East Paauilo Bridge, M.P. 40.97 to M.P. 36.00.	Jun-02	Oct-02	\$1.6M	Resurfacing

Project	Started	Completed	Cost	Description
Hawaii Belt Road, Vicinity of Maulua Gulch, Lapahoehoe Gulch, and Kaawalii Gulch	Jan-01	Apr-02	\$408,393	Drainage improvements
Hawaii Belt Road, Vicinity of Opea Stream	Apr-01	Jun-02	\$286,200	Emergency realignment
Hawaii Belt Road, Vicinity of Papaikou	Aug-00	Dec-02	\$2.8M	Seismic retrofit of various bridges
Hawaii Belt Road, Vicinity of Waipunalei to Kilau Gulch	Apr-00	Oct-02	\$641,407	Resurfacing
Hilo Baseyard	Feb-01	Aug-02	\$1.2M	Improvements
Hilo Baseyard, Office Buildings	Mar-98	Feb-02	\$411,700	Reroof & repaint office buildings
Honokaa-Waipio Road Drainage Improvements at Kapulena Stream Culvert.	Jul-01	Nov-01	\$465,463	Drainage improvements
Kamehameha Highway, Kalaniana'ole Avenue to Hilo Bayfront Highway.	May-02	Dec-02	\$362,300	Bikeway improvements
Kanoelehua Avenue, Kamehameha Avenue to Kawaihina Street	Aug-00	Dec-02	\$928,000	Traffic signal modernization
Kanoelehua Avenue, Kea'au to Kamehameha Avenue	Feb-97	May-03	\$5.1M	Resurfacing
Ka'u and Honoka'a Baseyards.	Jul-01	Oct-01	\$71,200	Replace fuel pumps
Kawaihina Road, Vicinity of Kawaihina Harbor to Route 19 M.P. 1.90 to M.P. 3.47	Nov-00	Oct-01	\$746,500	Resurfacing
Kea'au-Paho Road, Kea'au Town Section	Nov-98	May-02	\$10.7M	Construct bypass road
Kea'au-Paho Road, Paho-Kapoho Road.	Jul-01	Mar-02	\$289,818	Install traffic signals
Kea'au-Paho Road, Paradise Park Section.	Jul-01	Jun-03	\$6.4M	Road widening and resurfacing
Kohala Mountain Road, Ili Road to Kahua	Aug-99	Apr-02	\$1.1M	Resurfacing
Mamalahoa Highway, Paauu Bridge at Kamani Street and Various Bridges.	Jul-02	Mar-03	\$6.7M	Emergency bridge replacement
Mamalahoa Highway, Ford Crossing (Makakupu Bridge) and Kaalaala Stream Bridge.	Sep-01	Nov-02	\$8.5M	Emergency bridge replacement
Mamalahoa Highway, Keaiwa Bridge	Mar-01	Nov-02	\$6.3M	Emergency bridge replacement
Mamalahoa Highway, Vicinity of Kamakoa Bridge No. 1 to Keamoku, M.P. 4.68 to M.P. 9.74	Nov-99	Oct-02	\$1.0M	Resurfacing
Maulua/Pahoee/Kapue/Pukihia Bridge	May-01	Apr-02	\$167,200	Bridge joint repairs
Puainako Street, Kilauea Avenue to Kanoelehua Avenue	Oct-00	Feb-03	\$1.3M	Improvements
Puainako Street, Vicinity of Iwalani Street	Jan-01	Feb-02	\$79,163	White-topping
Queen Kaahumanu Highway and Kawaihina Road, Route 19, M.P. 63.30 to M.P. 69.50	Oct-98	Jul-01	\$1.8M	Resurfacing
Queen Kaahumanu Highway, Hina-Lani Street	Apr-01	Oct-01	\$466,252	Traffic signal modernization
Queen Kaahumanu Highway, Kaloko-Honokohau National Historic Park	Apr-01	Nov-01	\$523,880	Intersection improvements
Queen Kaahumanu Highway, Vicinity of Mauna Kea Beach Hotel.	Jun-02	Feb-03	\$598,943	Drainage improvements
Various Bridges, Vicinity of Honokaa and Kawaihina	Jan-01	Apr-02	\$298,409	Seismic retrofit of various bridges
Various Bridges, Vicinity of North of Paauilo	Oct-00	Apr-02	\$274,384	Seismic retrofit of various bridges
Various Locations, Hawaii	Feb-02	Jun-02	\$133,357	Install warning lights
Volcano Road, Hawaii Volcanoes National Park Main Entrance.	Oct-01	May-02	\$212,615	Intersection improvements
Haleakala Crater Road, Various Locations on Route 378.	Feb-02	Dec-02	\$2.1M	Road repairs and maintenance
Hana Highway, Dairy Road to Vicinity of Paia Town and Piilani Highway, Mokulele Highway to Wailea Ike Drive.	May-02	Jan-03	\$994,578	Guardrail and shoulder improvements

Project	Started	Completed	Cost	Description
Hana Highway, Kaupakulua Bridge and Approaches.	Aug-01	Apr-02	\$9.8M	Bridge replacement
Hana Highway, Uaoa Bridge and Approaches	Oct-00	Dec-02	\$8.1M	Bridge replacement
Hana Highway, Various Locations	Apr-01	Jul-01	\$835,851	Roadway repairs
Hana Highway, Various Locations.	Nov-01	Nov-02	\$2.4M	Repairs and maintenance
Hana Highway, Vicinity of Keawa Place	Mar-00	Sep-01	\$1.8M	Drainage improvements
Hana Highway, Vicinity of Paia to Kuau.	Apr-02	Jul-02	\$328,400	Drainage improvements
Honoapiilani Highway Bypass, Ikena Avenue (Phase II).	Oct-01	Dec-01	\$275,600	Roadway demolition
Honoapiilani Highway Bypass, Kualua Street and Hookahua Place.	Feb-02	Sep-02	\$149,700	Landscaping
Honoapiilani Highway, High Street to Puamana	Jun-01	Jun-02	\$2.2M	Guardrail & shoulder improvements
Honoapiilani Highway, Kaanapali towards Lahaina	Mar-01	Jul-02	\$937,070	Traffic signal modernization
Honoapiilani Highway, Kahana Kai Bridge System Bed.	Feb-02	Apr-02	\$132,698	Bridge repairs
Honoapiilani Highway, Kuihelani Highway to North Kihei Road	Jun-01	Oct-02	\$7.5M	Highway widening
Honoapiilani Highway, Napilihau Street	Jul-00	Jan-02	\$394,495	Traffic signal installation
Honoapiilani Highway, Puamana to Kaanapali	May-98	Jun-02	\$2.5M	Resurfacing
Honoapiilani Highway, Shaw Street to Maalea Harbor and Kekaulike Avenue Bikeway, Kula Highway to Haleakala Highway	Sep-99	Oct-02	\$495,200	Bikeway improvements
Kaahumanu Avenue, S. Wakea Avenue to Kahului Beach Road and Hana Highway, Hobron Avenue to Dairy Road.	Apr-02	Oct-02	\$1.4M	Drainage improvements
Kalae Highway, Maunaloa Highway to Kalaupapa Lookout Parking Lot	Jan-01	Oct-01	\$2.2M	Resurfacing
Kalae Highway, Maunaloa Highway to Kalaupapa Lookout Parking Lot.	Jan-02	Apr-02	\$1.3M	Guardrail and shoulder improvements
Kamehameha V Highway, Kaunakakai to Kamiloloa Bridge and Kapuokoolau to Kamalo.	Sep-01	Feb-02	\$1.7M	Resurfacing
Kaumalapau Highway, Kamalupau Harbor towards Airport Road	Apr-00	Jul-01	\$825,795	Resurfacing
Kuihelani Highway, Honoapiilani Highway to Puunene Avenue	May-00	Aug-01	\$11.8M	Highway widening
Main Street, Central Avenue to Kaahumanu Avenue and Kaahumanu Avenue, Main Street to Hobron Avenue and Kaahumanu Avenue, High Street to Wharf Street	Apr-01	Dec-02	\$8.7M	Resurfacing and traffic signal modernization
Manele Road, Palawai Basin towards Manele Bay	Aug-99	Jul-01	\$554,098	Resurfacing
Street Lights at Various Locations	Mar-01	Apr-03	\$277,118	Install street lights
Centralized District Office and Baseyard Complex.	Feb-02	Jan-04	\$8.0M	Construct office and baseyard
Existing Intersections and Highway Facilities	Dec-00	Jan-02	\$1.1M	Traffic and safety improvements
Kapule Highway, Ahukini Road	Oct-00	Jan-02	\$492,016	Intersection improvements
Kapule Highway, Vicinity of Ahukini Road to Kuhio Highway	Jan-01	Nov-02	\$273,288	Miscellaneous improvements
Kaumualii Highway, Koloa Road	May-01	Apr-03	\$4.7M	Intersection improvements

Project	Started	Completed	Cost	Description
Kaumualii Highway, Kuhio Highway and Rice Street	Jun-99	Oct-01	\$13.0M	Intersection improvements
Kaumualii Highway, Various Locations	Apr-01	Aug-01	\$524,600	Traffic signal modernization
Kaumualii Highway, Various Locations.	Jun-02	Dec-02	\$2.3M	Guardrail and shoulder improvements
Kaumualii Highway, Vicinity of Huleia Bridge to Maluhia Road	Mar-00	Oct-01	\$998,200	Resurfacing
Kaumualii Highway, Vicinity of Maluhia Road to Omao Road.	May-02	Oct-02	\$1.4M	Resurfacing
Kaumualii Highway, Vicinity of Omao Road to Koloa Road.	Apr-02	Nov-02	\$2.2M	Resurfacing
Kaumualii Highway, Vicinity of Wahiawa Bridge to Laulea Street	Dec-00	Oct-01	\$962,540	Resurfacing
Kaumualii Highway, Waimea to Kekaha, Kala Road to Waimea Canyon Drive.	Dec-01	Jan-02	\$44,274	Install pavement marking
Kuamoo Road, Vicinity of U.H. Agricultural Station to End of Kuamoo Road	Oct-00	Sep-01	\$632,360	Resurfacing
Kuamoo Road, Vicinity of UH Experimental Station to Vicinity of Hawaiiiana Street.	Jun-02	Oct-02	\$430,071	Resurfacing
Kuhio Highway, Hanalei Bridge.	May-02	Jun-03	\$1.9M	Remove/repair/replace metal members
Kuhio Highway, Kalihiwai Road.	Jun-02	Jun-03	\$1.6M	Intersection improvements
Kuhio Highway, Various Locations	Jul-00	Oct-01	\$1.3M	Guardrail and shoulder improvements
Kuhio Highway, Vicinity of Kumukumu to Aliomanu Road	Nov-00	Mar-02	\$1.6M	Resurfacing
Kuhio Highway, Vicinity of Lumahai Bridge to Alealea Road	Apr-01	Apr-02	\$843,300	Resurfacing
Kuhio Highway, Waiakaea Bridge	Sep-00	Nov-02	\$2.6M	Bridge widening
Lihue Gateway, Ahukini Road and Kapule Highway	Jun-00	Jun-02	\$5.4M	Gateway beautification
Nawiliwili Road, Kaumualii Highway to Waapa Road.	Sep-01	Oct-02	\$1.3M	Resurfacing
Waapa Road/Rice Street.	Aug-01	Oct-02	\$1.2M	Resurfacing
Waimea Canyon Drive, Vicinity of MP 0.0 to 1.0 and Kuhio Highway, Vicinity of Kalihiwai.	Dec-01	Jun-02	\$318,331	Drainage improvements

