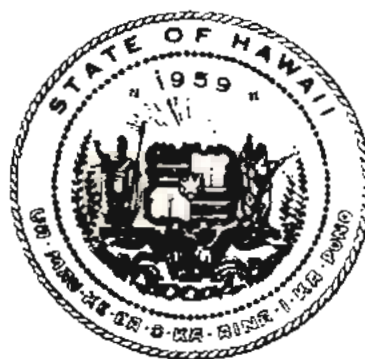


JOHN A. BURNS  
GOVERNOR



STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813

IN REPLY REFER TO:

E. ALVEY WRIGHT  
DIRECTOR

LAWRENCE F. O. CHUN  
DEPUTY DIRECTOR

MUNNY Y. M. LEE  
DEPUTY DIRECTOR

DOUGLAS S. SAKAMOTO  
DEPUTY DIRECTOR

June 30, 1974

THE HONORABLE GEORGE R. ARIYOSHI  
Acting Governor  
State of Hawaii  
Honolulu, Hawaii

Dear Governor Ariyoshi:

The Department of Transportation respectfully submits its annual report for the fiscal year ending June 30, 1974.

During the year, we were faced with the severe energy crisis; however, with your leadership, the department was able to overcome the difficulties of effectively transporting our people and goods, via the highways, sea lanes and air, while the crisis was at its peak.

It is interesting to compare our fiscal year 1964 annual report with this one and see the changes that have taken place in ten years.

In our 1964 letter to Governor John A. Burns, we stated that a contract was granted to complete the new jet runway at General Lyman Field, Hilo. Today, due to the growth of airline traffic and the increase in passengers at General Lyman, preliminary work is underway for a new and larger terminal.

A decade ago, the annual report discussed the problems of providing a seaward jet runway at Honolulu International Airport and the difficulties in acquiring land and financing. In fiscal year 1974, the injunctions against construction of the Reef Runway were lifted and work again commenced.

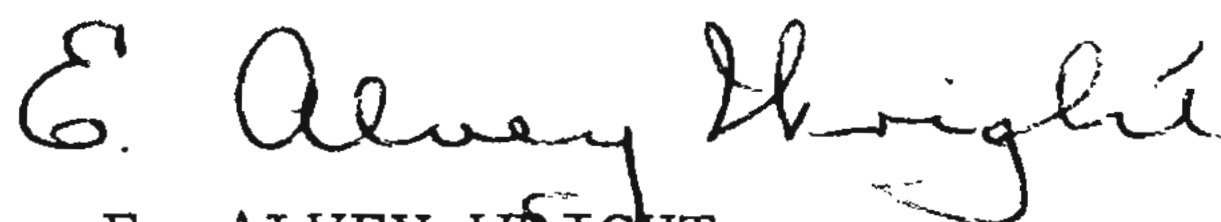
Also, the 1964 annual report mentioned that "the first Hawaii unit of the National Interstate and Defense Highway went under construction." Today, we are pleased to report that 87 per cent of the H-1 Freeway is completed or under contract, and that H-2 is 94 per cent completed or under construction.

Honorable George R. Ariyoshi  
June 30, 1974  
Page 2

Ten years ago, we were talking about container service on the four major islands. In fiscal year 1974, we have progressed to roll-on/roll-off vessels and to the development of facilities for the jetfoil inter-island ferry service.

The department is proud of the outstanding progress made over the past ten years, and we look forward to the future, with the promise of developing and implementing the best and most viable land, sea and air transportation systems for Hawaii.

Very truly yours,

A handwritten signature in cursive script that reads "E. Alvey Wright". The signature is written in dark ink and is positioned above the typed name.

E. ALVEY WRIGHT  
Director

TABLE OF CONTENTS

|  | <u>Page</u> |
|--|-------------|
| Letter of Transmittal . . . . .            | 1           |
| History and Present Organization . . . . . | 5           |
| Airports Division . . . . .                | 7           |
| Construction Contracts . . . . .           | 12          |
| Financial Statistics . . . . .             | 19          |
| Harbors Division . . . . .                 | 21          |
| Construction Contracts . . . . .           | 29          |
| Financial Statistics . . . . .             | 35          |
| Highways Division . . . . .                | 39          |
| Construction Contracts . . . . .           | 55          |
| Financial Statistics . . . . .             | 71          |
| Departmental Administration . . . . .      | 75          |
| Administrative Directory . . . . .         | 86          |
| For Further Information . . . . .          | 89          |
| Photo Descriptions . . . . .               | 90          |



## State Department of Transportation

### HISTORY AND PRESENT ORGANIZATION

The State of Hawaii Department of Transportation exists to fulfill the State's responsibilities in providing facilities for all modes of transportation--air, sea and land.

Hawaii's State Department of Transportation was the nation's first state-level agency to bring together under a single cabinet officer the task of planning, building, maintaining and operating airports, highways and harbors and integrating them into a balanced transportation system.

The Department of Transportation was created by an Executive Order signed by the Governor on January 20, 1960, as part of the reorganization of Hawaii's government pursuant to Statehood.

The Department incorporates functions of three former independent agencies--the Highway Department (originally part of the old Territorial Department of Public Works), the Board of Harbor Commissioners, and the Hawaii Aeronautics Commission.

All of the commercial airports, harbors and barge landings in Hawaii are under this single public agency, the Department of Transportation. It also administers four general aviation airports and about 20 small boat harbors. Federal aid for eligible State and County highways is administered through the Department of Transportation. At present about 975 miles of highways are maintained by the Department.

The Department is headed by a Director who is appointed by the Governor. It is one of 17 "cabinet departments" in the State Government.

The three major program divisions of the Department--the Airports, Highways and Harbors divisions--are each headed by a Chief who reports to the Director.

The Director presently has four Deputy Directors--one each assigned to functional special areas. Other Staff Officers include the Departmental Personnel Officer, Property Management Officer, Business Management Officer, State Transportation Planner and Departmental Computer Engineer.

A Staff Officer who occupies a special category is the Assistant State Highway Safety Coordinator. He supports the Director in the latter's role as Acting State Highway Safety Coordinator and Chairman of the Hawaii State Highway Safety Council. The Council is an advisory board to the Governor which was established by the Hawaii Highway Safety Act of 1967 to meet requirements of the National Highway Safety Act of 1966.

The State Constitution provided for a Commission on Transportation to sit in an advisory capacity to the Director of Transportation. Nine memberships are stipulated, one for each of the original senatorial districts and three for the State at large. Appointments are made by the Governor for staggered terms of four years each.

The Director of Transportation serves ex officio or by special appointment or invitation on a wide range of boards, commissions and committees.

From time to time, he has been assisted by committees appointed by the Governor for special tasks, such as the masterplanning of Honolulu International Airport.

## AIRPORTS DIVISION

During fiscal year 1974, the expansion and improvement program for the State's Airport System continued at a rapid rate. More than \$18 million of improvement projects were completed or underway.

Among the completed projects, the following are listed as of interest.

### Honolulu International Airport (HIA)

Work began on the new Reef Runway on May 7, 1973, but appeals by environmental groups to the Ninth Circuit Court of Appeals and the U. S. Supreme Court resulted in two separate injunctions and suspension of all off-shore work for a total of 112 days. The Supreme Court on April 22, 1974, let stand the lower court's decision upholding the legality of the environmental impact statement and permitted work to resume.

Major projects undertaken at HIA during fiscal year 1974 were as follows:

An \$8.2 million project to provide additional B-747 gates at the Diamond Head Concourse. The contract will provide three more holdrooms for wide-bodied aircraft.

A \$211,000 landscaping project of the ground level and approach to the enplaning and deplaning roadway.

A \$280,000 landscaping project of the International Arrivals and Ewa Extension of the main terminal.

A \$544,000 contract to relocate Elliot Street. This project was undertaken in coordination with the new Postal Services facility for efficient handling of mail to and from the airport.

A \$570,000 project to improve and realign Lagoon Drive. The section between Nimitz and Aolele will be improved with curbs, gutters and sidewalks with appropriate underground utilities. The realignment at the South Ramp will make available more area for aeronautical use.

### General Lyman Field

In December, 1973, the State and the airlines reached an agreement on the extent of the New Terminal at General Lyman Field. As a follow-in to the agreement, an \$8.3 million contract was awarded for the site work, grading, drainage and paving of the aircraft apron, terminal site, parking lot and access road and for the utilities to the new facilities.



Also undertaken at General Lyman Field were security and certification provisions.

Perimeter and security fencing was installed as well as a lighting system for the aircraft apron and parking lot.

#### Waimea-Kohala Airport

Security fencing at Waimea-Kohala Airport was also undertaken during the year. A contract of \$10,000 will correct those security deficiencies at the airport.

#### Ke-ahole Airport

An \$80,000 contract was awarded and work is underway for terminal improvements at Ke-ahole Airport. The work will provide facilities for the air taxi operators and a fire station to centrally house the fire trucks.

The ground transportation base yard was completed in March, 1974. Rent-a-car operators are proceeding with construction of the service areas.

#### Kahului Airport

At Kahului, the ground transportation subdivision was completed. This \$221,000 contract provided the final paving of the lease lots for the ground transportation operators at Kahului.

Now underway, at Kahului, is the installation of fencing around the aircraft operation areas. The \$100,000 contract provides for perimeter and security fencing in accordance with Federal regulations.

#### Molokai and Lihue Airports

At Molokai and Lihue Airports, fencing contracts were awarded. The projects involve the furnishing and installing of perimeter and security fencing at a cost of \$118,000 and \$80,000 at Molokai and Lihue, respectively.

Other projects undertaken during the year at Lihue Airport were:

A \$10,000 contract for furnishing and installing safety glass in the main terminal.

The installation of air conditioning of the ticket and waiting lobbies, at a cost of \$145,000.

A visual guidance lighting system, at a cost of \$43,000. This system, installed at the approach to Runway 3, will permit the safer landings of aircraft at Lihue Airport.

On January 2, 1974, the "off-duty" police who were providing security services required by Federal Aviation Administration Regulations were replaced by Hawaii Protective Association, Ltd. personnel. Under the provisions of a one-year contract, the security service for all State airports is being provided by a private security organization, at a cost considerably less than under the previous arrangement.

On June 1, 1974, a new Animal Quarantine Station was placed in operation at Honolulu International Airport. The facilities are provided at no cost to the State Department of Agriculture, which provides the necessary personnel for manning twenty-four hours per day. This new service eliminates the previous practice of airlines holding animals in their cargo terminal and will facilitate the quarantine processing of animals and birds imported into Hawaii.

Distinguished visitors to Honolulu International Airport during the year included Queen Elizabeth of England, other leaders of foreign nations bordering the Pacific Basin, governors of several states, cabinet officers, congressmen and returning astronauts.

Work is progressing satisfactorily to provide security fencing at the airports that serve certificated carriers. Some exemptions were granted by the Federal Aviation Administration and by the time the exemptions expire in 1974, all deficiencies will have been corrected.

In fiscal year 1974, passenger traffic at all State airports continued to show significant increases over the preceding fiscal year. Similar increases were seen in cargo moved by air and more modest increases were noted in air mail.



CONSTRUCTION CONTRACTS AWARDED BETWEEN  
JULY 1, 1973, AND JUNE 30, 1974

OAHU

Honolulu International Airport

Landscaping of the Enplaning/Deplaning Roadway Approach Ground Level and the Parking Area. 0-90-12(7)A.

Green Thumb, Inc. Contract awarded July 13, 1973. Completed October 18, 1974.  
\$211,908.74.

Millwork and Furniture for Third Level Holding Rooms, International Arrivals. 0-90-3(25).

(A) Amfac, Inc.; (B) Western Contract Furnishers, Inc.  
Contract awarded August 6, 1973. Completed April 15, 1974.  
(A) \$17,115.66  
(B) \$24,002.00.

Demolition and Fill of Continental Airlines Lease Property. 0-90-12(36).

Hi-Way Transportation & Contracting Co., Ltd. Contract awarded September 7, 1973. Completed December 18, 1973.  
\$180,819.00.

Covered Walkway between Parking Structure and Pedestrian Underpass. 0-90-5(25).

THOHT Construction. Contract awarded October 9, 1973. Completed July 15, 1974.  
\$71,380.00.

Landscape: Ewa Extension Main Terminal Building. 0-90-12(7)B. Spragues, Inc. Contract awarded October 31, 1973. Completed July, 1974.  
\$278,684.00.

Furnishing and Installing Security Fencing and Related Work. 0-98. James J. Gomes, dba Jimmy's Fencing. Contract awarded January 4, 1974. Completed October 18, 1974.  
\$59,385.50.

Concrete Apron Repairs. HIA-74-13.

D & S Construction, Inc. Contract awarded November 21, 1973. Completed April 5, 1974.  
\$42,577.00.

Diamond Head Concourse Gates 7, 8, and 9. 0-90-2(12)B.

GENCO, Inc. Contract awarded February 6, 1974.  
\$8,163,000.00.

## Honolulu International Airport (cont'd)

Furnishing and Installing Furnishings for Addition to Governor's Lounge. 0-90-20(1)B.  
Contract Furnishers of Hawaii. Contract awarded April 17, 1974.  
Completed August 3, 1974.  
\$18,324.00.

Improvements and Realignment of Lagoon Drive. 0-96-2.  
J. M. Tanaka Construction, Inc. Contract awarded May 24, 1974.  
\$570,000.00.

Elliott Street Relocation and Parking Lot Modifications. 0-96-1.  
Hi-Way Construction Co., Ltd. Contract awarded April 24, 1974.  
\$544,210.00.

Inclined Conveyors, International Arrivals.  
Rigging International. Contract awarded October 2, 1974.  
\$134,442.00.

## HAWAII

### General Lyman Field

Certification and Security Provisions (Fencing and Lighting).  
H-109.  
J. F. Shea Co. Contract awarded December 28, 1973. Completed  
May 20, 1974.  
\$121,970.00.

Repainting of the Air Cargo Building. GLF-74-3.  
Honolulu Painting Co. Contract awarded April 9, 1974.  
Completed October, 1974.  
\$7,283.00.

Grading, Paving and Utilities. H-91-1(2)R.  
Jas. W. Glover, Ltd. Contract awarded June 12, 1974.  
\$8,009,069.95.

Clearing and Grading. H-91-1(1).  
Jas. W. Glover, Ltd. Contract awarded December 13, 1973.  
Completed March 29, 1974.  
\$187,880.80.

Removal and Replacement of the Control Tower Cab Glass Windows.  
GLF-74-2.  
Granger Pacific, Inc. Contract awarded November 29, 1973.  
Completed May 9, 1974.  
\$13,716.00.

### Ke-ahole Airport

Terminal Improvements. N-3.  
Constructors Hawaii, Inc. Contract awarded December 10, 1973.  
\$75,000.00.

Repainting of Airfield Markings. KLH-74-1.  
George G. Glenn. Contract awarded March 5, 1974. Completed  
April 24, 1974.  
\$8,696.48.

### Waimea-Kohala Airport

Furnishing and Installing Security Fencing and Related Work. N-5.  
J. F. Shea Co., Inc. Contract awarded May 6, 1974.  
\$8,421.50.

## MAUI

### Kahului Airport

Furnishing, Installing, and Maintaining Flight Information Systems.  
STE-74-5.  
Trans-Visual Electronics. Contract awarded May 1, 1974.  
\$24,066.48.

Furnishing and Installing Security Fencing and Related Work. M-104.  
J. F. Shea Co., Inc. Contract awarded March 13, 1974.  
\$99,517.00.

### Molokai Airport

Furnishing and Installing Security Fencing and Related Work. M-105.  
Railings, Inc. Contract awarded May 7, 1974.  
\$108,120.00.

### Lanai Airport

Fog Sealing a Portion of Runway 3-21. Lanai 74-1(A).  
Hawaiian Bitumuls & Paving Co. Contract awarded May 30, 1974.  
Completed June 7, 1974.  
\$11,525.00.



KAUAI

Lihue Airport

Visual Guidance Lighting System. K-37.

Mid-Pac Electric, Inc. Contract awarded July 23, 1973.

Completed May 10, 1974.

\$42,641.00.

Glasswork. K-42.

S & T Glass, Inc. Contract awarded July 25, 1973. Completed

February 28, 1974.

\$9,500.00.

Air Conditioning Ticket and Waiting Lobbies. K-43.

Kenneth Shioi & Co., Ltd. Contract awarded September 10, 1973.

Completed May 22, 1974.

\$135,090.00.

Furnishing, Installing, and Maintaining Flight Information Systems.

STE-74-5.

Trans-Visual Electronics. Contract awarded May 1, 1974.

\$24,066.48.

CONSTRUCTION PROJECTS UNDERWAY DURING FISCAL YEAR 1974  
UNDER CONTRACTS AWARDED PRIOR TO JULY 1, 1973

OAHU

Honolulu International Airport

- Construction of the Ewa Gull Wing Gate Positions 28, 29 and Turn-around. 0-90-2(21)A.  
Nordic Construction, Ltd. Contract awarded April 19, 1972.  
Completed July 6, 1973.  
\$2,810,000.
- Direction & Location Signs Installation, Phases II & III, for the Terminal Building. 0-90-12(6).  
QRS Neon Corp. Contract awarded January 24, 1972. Completed September 19, 1973.  
\$666,000.00.
- Furnishing, Delivering, Installing, Testing and Maintaining a Flight Information Display System. 0-90-9(5).  
Solari America, Inc. Contract awarded August 5, 1970. Completed August 30, 1973.  
\$1,260,000.00.
- Printing, Collating, Storing and Delivering Bid Packages and Other Material. 0-90-11(3)B.  
Honolulu Blueprint and Supply, Inc. Contract awarded June 28, 1971. Completed July 15, 1973.  
\$9,352.00.
- Construction of Baggage Claim Area Diamond Head (Existing Terminal Building). 0-90-3(19)A.  
THOHT Construction, Inc. Contract awarded August 17, 1972.  
Completed July 20, 1973.  
\$661,830.00.
- Remodel and Addition to Ticket Lobby Area. 0-90-3(9)B.  
Nordic Construction, Ltd. Contract awarded October 18, 1972.  
Completed July 18, 1973.  
\$1,545,000.00.
- Relocate Five Existing Carousels to International Arrivals.  
0-90-10(9).  
Mutual Welding. Contract awarded October 24, 1972. Completed September 18, 1973.  
\$164,195.00.

Honolulu International Airport (cont'd)

Dredging, Offshore Grading and Drainage and Protective Structure for Reef Runway. 0-93-7(1).

Dillingham Corporation dba Hawaiian Dredging and Construction Company. Contract awarded February 28, 1973.  
\$46,374,039.00.

Furnishing, Delivering, Installing & Testing Public Address System. 0-90-9(12)B.

J. C. Electronics. Contract awarded November 22, 1972.  
Completed August 8, 1973.  
\$88,743.00.

Addition to Governor's Lounge and Alterations to Administration Building. 0-90-20(1)A.

THOHT Construction. Contract awarded February 21, 1973.  
Completed August 24, 1973.  
\$171,386.00.

Relocation of Bird Habitats for Reef Runway. 0-93-8(3).

Moses Akiona, Ltd. Contract awarded April 6, 1973.  
\$350,881.00.

Relocation of Airlines Offices (Braniff International and Philippine Airlines). 0-90-13(6)A.

Albert Kobayashi, Inc. Contract awarded March 6, 1973.  
Completed July 24, 1973.  
\$42,000.00.

HAWAII

Ke-ahole Airport

Paving of Ground Transportation Facilities and Lease Parcels. H-101B.

J. M. Tanaka, Inc. Contract awarded March 6, 1973. Completed June 17, 1974.  
\$287,331.00.

MAUI

Kahului Airport

Paving for Ground Transportation Subdivision. M-91-4.

E. T. Ige Construction, Inc. Contract awarded April 25, 1973.  
Completed April 17, 1974.  
\$210,586.00.



Kahului Airport (cont'd)

Construction of Chlorination Building. M-100.

Fuku Construction, Inc. Contract awarded June 26, 1973.

Completed June 14, 1974.

\$19,695.00.

AIRPORTS DIVISION  
COMBINED BALANCE SHEET  
June 30, 1974 and 1973

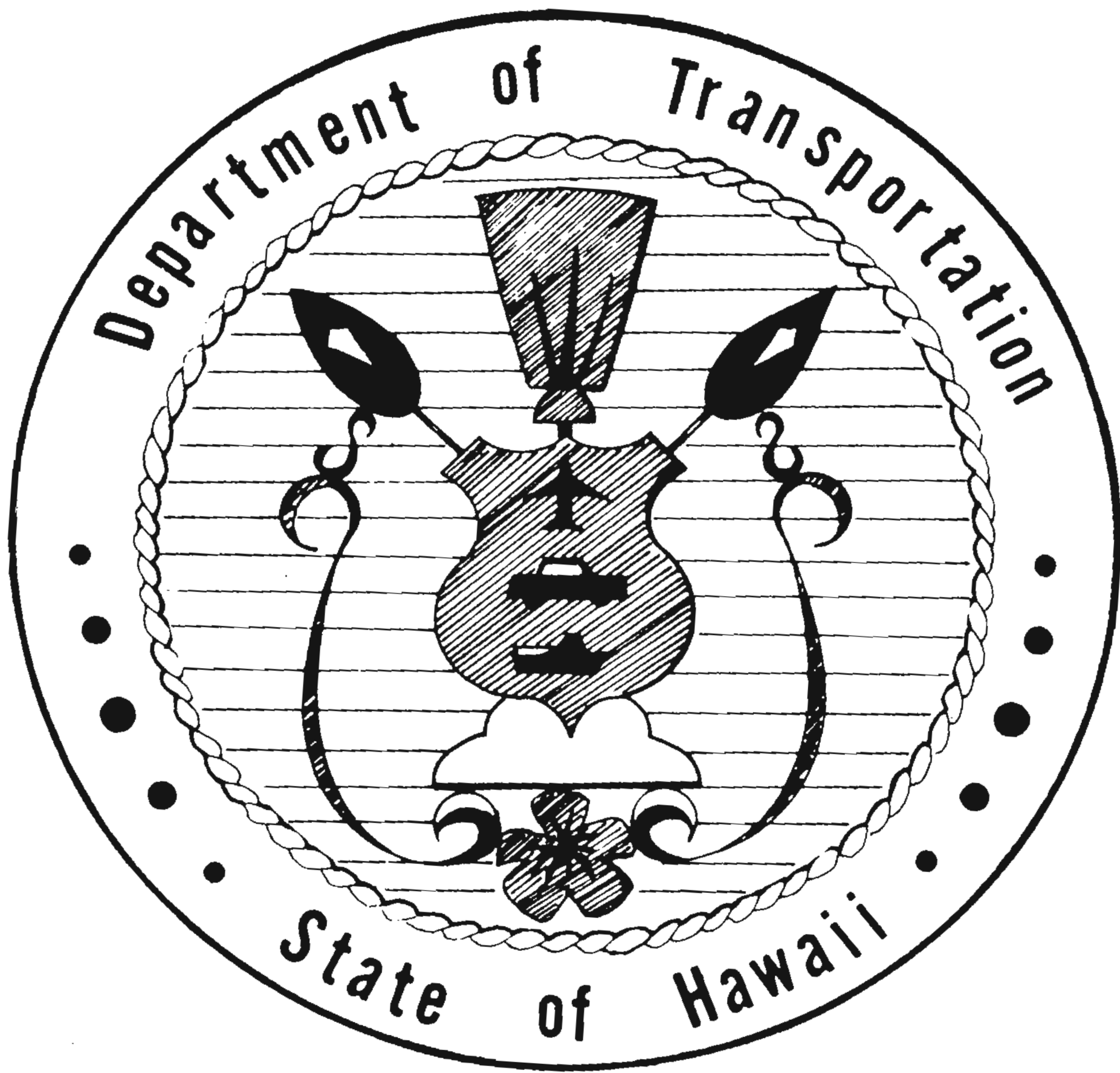
|  | <u>June 30</u>       |                      |
|--|----------------------|----------------------|
|  | <u>1974</u>          | <u>1973</u>          |
| <u>ASSETS:</u>   |                      |                      |
| Cash   | \$ 93,606,983        | \$107,665,006        |
| Receivables:   |                      |                      |
| Accounts and Notes, Net  | 3,913,081            | 4,195,258            |
| Interest   | 3,009,981            | 2,249,444            |
| Aviation Fuel Tax  | 370,930              | 440,965              |
| Others   | 50                   | 115,664              |
| Due from Other Funds   | 985,361              | 1,159,937            |
| Materials and Supplies, at Cost                                    | 100,927              | 86,563               |
| Land, at Cost or at Value Assigned at Grant                        | 7,178,045            | 7,175,625            |
| Buildings and Improvements, at Cost                                | 75,033,276           | 71,786,182           |
| Equipment and Motor Vehicles, at Cost                              | 4,350,950            | 3,866,780            |
| Construction in Progress   | 156,605,663          | 133,312,941          |
| Amount Available and to be Provided for<br>the Retirement of Bonds | 223,561,665          | 227,510,593          |
| Bonds Authorized, Unissued   | 8,308,453            | 4,104,562            |
| Deposits   | <u>3,236</u>         | <u>4,288</u>         |
| TOTAL ASSETS   | \$577,028,601        | \$563,673,808        |
| <u>LIABILITIES, RESERVES, &amp; FUND BALANCES:</u>                 |                      |                      |
| Liabilities:   |                      |                      |
| Vouchers Payable   | \$ 282,969           | \$ 298,687           |
| Contracts Payable  | 1,983,068            | 1,766,600            |
| Contracts Payable - Retained Percentage                            | 1,373,572            | 1,317,699            |
| Due to Other Funds   | 10,611               | 9,713                |
| Salaries & Wages Payable   | 19,200               | 144,616              |
| Accrued Vacation   | 623,432              | 512,834              |
| Matured Bonds Payable  | 2,969,841            | 3,018,150            |
| Interest Payable   | 6,896,664            | 7,341,756            |
| Matured Premium Payable  | --                   | 800                  |
| Due to Airport-Airline Lessees                                     | 6,722,617            | 4,317,108            |
| Tenants' Deposits  | 170,191              | 145,093              |
| Reserves:  |                      |                      |
| Bond Requirements  | 20,441,817           | 22,298,917           |
| Encumbrances   | 32,120,328           | 29,897,979           |
| Long-Term Debt:  |                      |                      |
| Bonds Payable  | 223,561,665          | 227,510,593          |
| Investment in Land & Fixed Assets                                  | 243,167,934          | 216,141,528          |
| Fund Balances  | <u>36,684,692</u>    | <u>48,951,735</u>    |
| TOTAL LIABILITIES, RESERVES,<br>AND FUND BALANCES                  | <u>\$577,028,601</u> | <u>\$563,673,808</u> |



AIRPORTS DIVISION  
STATEMENT OF NET REVENUE AND TAXES  
For the Fiscal Years Ended June 30, 1974 and 1973

|   | <u>Fiscal Year</u>         |                            |
|---|----------------------------|----------------------------|
|   | <u>1974</u>                | <u>1973</u>                |
| <u>OPERATING REVENUE:</u>   |                            |                            |
| Aviation Fuel Tax   | \$ 4,720,399               | \$ 4,968,587               |
| Concession Fees   | 18,675,959                 | 12,963,916                 |
| Interest  | 5,319,526                  | 3,675,510                  |
| Aeronautical Rentals  | 4,010,599                  | 3,441,029                  |
| Landing Fees - Neighbor Islands   | 653,198                    | 827,520                    |
| Airport Use Charge  | (2,218,487)                | 3,004,559                  |
| Non-aeronautical Rentals  | 494,943                    | 556,354                    |
| Miscellaneous   | 1,276,239                  | 668,355                    |
|   | <u>\$32,932,376</u>        | <u>\$30,105,830</u>        |
| <u>DEDUCTIONS:</u>  |                            |                            |
| <u>Operating Expenses:</u>  |                            |                            |
| Salaries and Wages  | \$ 4,684,626               | \$ 3,280,700               |
| Runway Maintenance and Repairs  | 64,091                     | 250,893                    |
| State of Hawaii, Surcharge on<br>Gross Receipts                                     | 834,437                    | 663,389                    |
| Utilities   | 1,146,689                  | 1,106,199                  |
| Other Personal Services   | 2,579,277                  | 2,075,069                  |
| Materials and Suppliers   | 379,442                    | 306,191                    |
| Department of Transportation:   |                            |                            |
| Administrative Expenses   | 400,674                    | 375,451                    |
| Visitors Information Program  | --                         | 406,649                    |
| Repairs and Maintenance   | 549,394                    | 475,098                    |
| Insurance   | 231,617                    | 224,534                    |
| Grants, Claims and Benefit Payments   | 106,128                    | 55,146                     |
| Communication   | 63,104                     | 49,993                     |
| Travel  | 22,334                     | 14,732                     |
| Rent  | 459,501                    | 496,993                    |
| Dues and Subscriptions  | 7,371                      | 7,433                      |
| Printing and Advertising  | 4,324                      | 7,211                      |
| Delivery  | 3,748                      | 3,356                      |
| Miscellaneous   | 35,974                     | 1,830                      |
|   | <u>\$11,572,731</u>        | <u>\$ 9,800,867</u>        |
| Annual Reserve Required on Major<br>Maintenance, Renewal and Replacement<br>Account | 300,000                    | 225,000                    |
| Airports System Revenue Bonds Debt Service:   |                            |                            |
| Principal   | 2,875,000                  | 2,715,000                  |
| Interest  | 10,867,389                 | 10,468,588                 |
| State of Hawaii, General Obligation Bonds:  |                            |                            |
| Principal   | 1,278,928                  | 1,248,080                  |
| Interest  | 1,209,297                  | 913,906                    |
| Airport Equipment and Motor Vehicles  | 12,034                     | 114,326                    |
|   | <u>\$28,115,379</u>        | <u>\$25,485,767</u>        |
| <b>NET REVENUE AND TAXES</b>  | <u><u>\$ 4,816,997</u></u> | <u><u>\$ 4,620,063</u></u> |





## DEPARTMENTAL ADMINISTRATION

Foremost in the departmental administrative activities was the appointment and confirmation of E. Alvey Wright as Director of Transportation. Admiral Wright had been serving as Acting Director of Transportation since May 16, 1973, when Dr. Fujio Matsuda resigned to accept a vice-presidential position at the University of Hawaii.

Major landscaping activities, under the direction of the Deputy Director for Operations, consisted of four highway projects and one project at the Honolulu International Airport. The highway projects were H-3, from the Kaneohe Marine Corps Air Station to Halekou Interchange; Puuloa Interchange; Moanalua Valley, from Halawa Interchange to Puuloa Interchange; and Kalihi Interchange.

The Honolulu International Airport project consisted of landscaping the ground level of the elevated roadway system and the ground level and second and third levels of the ewa extension and international arrivals building.

Shortly after the commencement of the new fiscal year, final steps were taken to recruit for the two vacant highway safety specialist positions in the Office of the State Highway Safety Coordinator. The two positions were filled in the first week of October, bringing the staff to full strength.

In addition, during the fiscal year, the half-time position of fatality file analyst was upgraded to full time.

On October 30, federal approval was received to implement the fiscal year 1974 Annual Work Program for highway safety. Nearly \$400,000 in federal funds from the U. S. Department of Transportation's Federal Highway Administration and National Highway Traffic Safety Administration were allocated.

Breakdown of funds and agencies are:

### State of Hawaii:

Department of Personnel Services: \$16,318 to teach defensive driving to state-employed drivers; Department of Health: \$80,932 for three emergency medical services projects, including emergency medical technician training; Department of Transportation Highways Division: \$31,000 for installation of milepost markers in Kauai, Maui and Hawaii Counties; Highway Safety Coordinator's Office: \$71,732 for planning and administration of the highway safety program.

Maui County:

Maui Police Department: \$25,481 for detecting and apprehending drunken drivers; Maui Police Department: \$1,274 for driver license personnel training; Maui County Engineer: \$9,718 for installation of traffic signs.

Hawaii County:

Hawaii Police Department: \$40,000 for installation of 51 emergency telephones on rural highways; Hawaii Police Department: \$15,302 for training in police traffic services; Hawaii Police Department: \$5,378 for traffic records; Hawaii County Engineer: \$11,960 for installation of traffic signs.

City and County of Honolulu:

Honolulu Police Department: \$4,000 for breathtesting ampoules used in drunk driving arrests; Honolulu Police Department: \$1,756 for police traffic services training; Honolulu Police Department: \$33,333 for the fatal accident reduction program (driving under the influence of alcohol); Department of Health: \$70,012 for emergency medical services technician training.

Kauai County:

Kauai County Engineer: \$14,540 for upgrading traffic control devices; Kauai Police Department: \$616 for training in police traffic services; Kauai County Engineer: \$390 for traffic technician training.

The assistant state highway safety coordinator attended the regional administrators' fall meeting of National Highway Traffic Safety Administration (NHTSA) and FHWA and the annual highway and traffic safety conference of western states at Scottsdale, Arizona.

At the request of the U. S. Department of Transportation, the Office of the State Highway Safety Coordinator sent two of Hawaii's outstanding young people to another conference in Scottsdale. Hawaii's delegates attended the three-day national highway safety conference for young people between the ages of 16 and 24.

A two-fold public hearing was conducted on each of the Neighbor Islands on the rules and regulations governing the examination and qualification for licensing of drivers of heavy trucks, buses, school buses, tractor semi-trailer combinations and truck-trailer combinations, and the rules and regulations governing the use of traffic control devices at work sites on/or adjacent to public streets and highways.



The assistant state highway safety coordinator participated in the highway safety program management seminar, held in the State Department of Transportation building. This seminar was conducted by FHWA and NHTSA representatives from Washington, D. C. and San Francisco to instruct the newest members of the region - Guam and American Samoa - in the requirements for participation in the federal highway safety program. Officials from the Guamanian and American Samoa governments were in attendance, including Governor John Haydon of American Samoa.

Since NHTSA and FHWA are basing their traffic safety programs on Management By Objectives, four key members of the Highway Safety Coordinator's office attended a three-day intensive MBO workshop, sponsored by the U. S. Civil Service Commission.

Throughout this fiscal year, the State Highway Safety Council continued to meet and oversee Hawaii's traffic safety program. Five new members were sworn in by the governor to bring the Council membership to thirty-three.

Two of the newest council members worked with the Highway Safety Coordinator's staff to recommend a reorganization plan of the council. This reorganization should result in a more active and efficient State Highway Safety Council.

Legislation continues to be one of the vital areas of activity for the Council. In 1974, the Legislature passed, and Acting Governor Ariyoshi signed into law, two measures sponsored by the Council:

Act 80 corrects the ambiguities in the existing law regarding driver license categories and driver licensing requirements for the operators of heavy vehicles, including the certification of school bus drivers.

Act 133 makes several amendments to the Statewide Traffic Code, including sections regarding the definition of "school bus", "no-passing zones", "U turns", and "bicycle equipment operating regulations".

Some important measures failed to receive approval in both the 1973 and 1974 sessions of the Legislature. These were bills requiring the mandatory use of seat belts in vehicles; requiring a short refresher course and written examination for driver's license renewal; and requiring the notification of driver licensing and vehicle registration authorities of any name or addressee change by the licensee or owner.

Hawaii experienced 136 traffic fatalities and 7,723 injury-producing accidents in calendar year 1973, an 11.7% decrease from the 1971 all-time high of 154, and a 7% decrease from 146 in 1972.

This is a significant reduction since the total number of traffic accidents increased from 18,259, in 1972, to 19,544, in 1973 (6.6% increase). The 1973 number of people injured was 11,860, as compared to 11,141, in 1972 (6% increase).

The 1973 fatality total of 136 is the lowest in seven years, except for 133, in 1969. Since 1969, registered vehicles have increased 23% - 373,541 to 484,521. In the same period of time, licensed drivers have increased from 462,502 to 509,857 (9.3% increase).

Pedestrian deaths accounted for 24 of the 136 fatalities, or 18%, in calendar year 1973. This is one less than the previous year. Pedestrian accidents rose to 620, 78 more than 1972's figure of 542 (12.6% increase).

Of the 136 traffic fatalities occurring in Hawaii in calendar year 1973, 41 deaths on Oahu and 15 Neighbor Island deaths occurred at the scene of an accident; 5 people on Oahu and 7 people on the Neighbor Islands died enroute to the hospital. Thirty-six Oahu and 32 Neighbor Island people died after hospital admittance.

Motorcycle and other two-wheel motor vehicle deaths had been increasing rapidly until 1966, when 18 deaths were reported. In 1967, when the Hawaii Highway Safety Act was passed by the Legislature requiring standards on safety equipment be enacted for motorcycle riders, only eight motorcycle deaths were reported. Since that law went into effect, motorcycle fatalities have been reduced to only three in 1973--0.72 fatalities per one hundred accidents. Motorcycle accidents decreased 7% from 1972 and 27.8% since the 1967 Highway Safety Act.

The 1973 mileage death rate (traffic deaths per one hundred million vehicle miles of travel) for the State was 3.35 as compared with 3.89 for 1972. This is the lowest rate ever recorded.

The 1973 accident death rate (traffic death per one hundred traffic accidents) for the State was 0.70, as compared with 0.80 for 1972. This was the first time that the accident rate had ever been below the 0.80 mark.

There were 2,430 DUI (driving while under the influence of alcohol) enforcement arrests in 1973, compared with only 509 DUI arrests in 1972. This is an increase of 477%. This impressive statistic is a result of the FARE (Fatal Accident Reduction Program) program, police training in DUI detection procedures, and the increased emphasis by the police department in the alcohol counter-measures area.



The Advance Transportation Planning Office (ATPO) through the State Transportation Planner, continued to coordinate and direct the operation of the Oahu Transportation Planning Program. ATPO provided the necessary administrative staff functions and actively participated in the preparation of the first Overall Work Program - a compendium of planning activities and programs for the Island of Oahu.

In a coordinated effort with the Bureau of the Census, the ATP office continued its effort to finalize the editing of the Geographic Base File. Contact is being maintained with the Bureau to initiate the updating of the file.

To meet the need to maximize the usage of existing transportation facilities, the ATP office participated in the development and implementation of a computerized car pool system for the Island of Oahu. Bikeway planning, too, was actively pursued to encourage the safe and efficient utilization of bicycles as a mode of travel.

The 1974 National Transportation Study, requiring the participation of various State and County agencies was effectively coordinated by the ATP office.

Multimodal transportation planning and corridor analysis were conducted by the ATPO staff to evaluate the impact of both land and water mass transit systems upon the transportation plan for the island. Considerable time and effort, too, were expended on the Trans-Koolau corridor to study the allocation of projected trips to the various modes of travel.

The ATPO continued as the Department's liaison office for compliance with State and Federal regulations regarding project environmental impact statements. Another activity of the ATP office has been to coordinate the responses of the Department of Transportation's applications for Oahu General Plan amendments and zoning changes.

The Department's participation in the Statewide Planning, Programming and Budget Process was again coordinated by the ATP office.

The Programs and Contracts Office reported that the Legislature, through Act 218, Session Laws of Hawaii 1974, which amended Act 218, SLH 1973, authorized an appropriation of \$12,188,000 for the Department of Transportation's Capital Improvements Program for fiscal year 1974. This amount was apportioned as follows: airports, \$10,415,000; harbors, \$910,000; highways, \$863,000.

During fiscal year 1974, the Programs and Contracts Office processed 135 construction, purchasing, and maintenance contracts, totalling \$75,502,860. In addition, this office processed 43 formal consultant contracts, totalling \$5,750,000.

The Property Management Office provides staff services to the Director and to the three operational divisions in the management of revenue-producing lands and facilities under the control of the Department.

The revenue realized during the fiscal year from the occupancy of these lands and facilities are reflected by the breakdowns by divisions.

#### AIRPORTS DIVISION

|   |     |
|---|-----|
| 1. Number of leases in effect as of June 30, 1974                                   | 126 |
| 2. Number of space permits in effect as of June 30, 1974                            | 354 |
| 3. Number of leases issued during the past fiscal year                              | 23  |
| 4. Number of leases to be negotiated during the coming fiscal year                  | 58  |
| 5. Number of space permits issued during the past fiscal year                       | 70  |
| 6. Approximate number of space permits to be renewed during the fiscal year 1974-75 | 354 |

Revenues from the rental of land and facilities totalled \$32,932,376, during the fiscal year.

#### HARBORS DIVISION

|   |     |
|---|-----|
| 1. Number of leases and licenses in effect as of June 30, 1974    | 111 |
| 2. Number of new leases issued during the past fiscal year        | 9   |
| 3. Number of revocable permits in effect as of June 30, 1974      | 156 |
| 4. Number of revocable permits issued during the past fiscal year | 45  |

Revenues realized from the rental of land and facilities totalled \$2,533,310.13, during the past fiscal year.



## HIGHWAYS DIVISION

The activities of this division are generally limited to the rental and disposition of buildings affected by highway projects only. This activity during the fiscal year was as follows:

1. Number of outstanding revocable permits for fiscal year ending June 30, 1974 39
2. Number of revocable permits issued during the fiscal year 30

The amount of revenues realized from the rentals of all properties, during the fiscal year, was \$58,093.63. There were no public auctions during the fiscal year.

The Budget and Internal Control Office provides the Department with fiscal and operational control services through coordination, review and evaluation of budgetary matters and through internal auditing of departmental activities.

The operating budget appropriations for the fiscal year ending June 30, 1974, include \$1,512,946 for departmental administration; \$34,101,177 for the Airports Division; \$11,517,529 for the Harbors Division; and \$23,017,312 for the Highways Division. The total departmental appropriations, as provided by Act 218, SLH 1973, amount to \$70,148,964.

The Departmental Computer Engineer reported that over-all production processing leveled off this past year due to a drop in engineering-type processing; however, the previous year's total production level was maintained because of increases in non-engineering usages.

Last year's Annual Report foresaw an expected change of the on-site computer system. This change has not yet taken place due to a variety of causes. Proposals from the second "bid letting" are presently being evaluated, with the hope that the eventual system will be in place by the end of fiscal year 1974.

With the expected delivery of the above-mentioned system, preliminary work was started this past year to determine the "tele-communication" needs of some of the engineering computer services' users.

The host computer, the IBM 370/155, controlled by the Electronic Data Processing Division of the Department of Budget and Finance, underwent some additions and alterations during the past year. These changes will ultimately mean better service to the Department of Transportation, a service which during the past year was already excellent.



The Airports accounting system, as mentioned in last year's report, is in various stages of completion. Subsets that make up the system are in testing, programming, or parallel run stages. The expected completion date of July, 1974 was not met and has been pushed back to late 1974.

In engineering applications, the Wyoming Bridge Rating Program was put into production use and is now proving to be an invaluable tool for the bridge engineers who seek to conform to a federal requirement of rating the hundreds of bridges in our state highway system.

The Highways Division's Coordinated Data System, another project having far-reaching effect, remained largely in the planning stage, with the expected start to be during fiscal year 1974. Its completion should be a boon to the Highways Division employees who daily digest data such as material costs, historical bid prices and other related information.

The Departmental Personnel Office, by the end of June, 1973, filled two key positions, Departmental Labor Relations Officer and Departmental Training and Safety Officer, enabling the personnel office to start fiscal year 1974 with a full personnel complement for the first time since January 1, 1972.

As of June 30, 1974, the department was authorized 1,950.50 positions, distributed as follows: staff offices, 75; airports, 564.25; harbors, 260.25; and highways, 1,051.

Fifty-nine intra-departmental vacancies were announced. Thirty-four of these were filled by promotion of departmental employees.

Four informal and eight formal grievances were submitted as alleged violations of collective bargaining agreements. Two of these grievances were settled in favor of the department and four in favor of the claimant. Two grievances were settled within the department and three were submitted to the Department of Personnel Services. Three are pending settlement at this time.

Carl Nagami, Departmental Computer Engineer, and Stanley Fujiyama, Assistant Chief-Administration, continued to present the Supervisory Management Course - Part I - to the supervisors of the department. By the end of the year, an additional 76 supervisors had been trained, bringing the total SMC-I trained to 266. As of June 30, only 19 DOT supervisors had not completed SMC-I.

SMC-II training was started, under the direction of the Departmental Training Officer, and at year's end, 47 supervisors had been trained. By the end of the 1974 calendar year, 180 additional employees will have completed SMC-II.

A three-hour grievance procedure training program was developed and conducted by the training section for all supervisors in the department. With the Fair Labor Standards Act becoming effective May 1, 1974, for the state and county governments, the training section developed a program to train all personnel who would be involved in the act's implementation in the department.

In addition, training in Bargaining Unit 1 reopeners and the interpretations of the bargaining unit contract was presented to all supervisors responsible for administering that contract. Training in reopeners for Bargaining Unit 2, Bargaining Unit 3, and Bargaining Unit 13 will be presented to the same group in July, 1974.

On August 1, all open workmen's compensation cases were transferred from the divisions, and the administration of workmen's compensation for the department was centralized in the Departmental Personnel Office. One person now has the responsibility and the authority to accept or deny liability for each accident and to attend all workmen's compensation hearings to present and defend the DOT's case. By exercising close control over open cases and auditing all vendors' charges, the department has saved and recovered over \$50,000 that would have been paid or otherwise lost.

A departmental safety organization and program has been developed for the Director's approval. Implementation will take place upon receipt of guidelines from the Department of Personnel Services which has been charged with the responsibility of establishing a statewide safety program.

A Department of Transportation pre-retirement counseling program, paralleling the Department of Education's plan, was developed and a pilot program presentation was made. The program will be implemented in July, 1974.

During the year, 233 personnel were certified in basic first aid, under the American Red Cross program. Forty more will be qualified in July, 1974. With these trained personnel strategically placed, the department will more than meet federal and state Occupational Safety and Health Act and FAA regulations for qualified first aid personnel.



ADMINISTRATIVE DIRECTORY  
JUNE 30, 1974

Director of Transportation . . . . . E. Alvey Wright  
Deputy Director for Administration . . . . . Lawrence F. O. Chun  
Deputy Director for Engineering . . . . . Munny Y. M. Lee  
Deputy Director for Operations . . . . . Douglas S. Sakamoto

Staff Officers

Departmental Personnel Officer . . . . . George S. Rezents  
Property Management Officer . . . . . Paul H. Arizumi  
Business Management Officer . . . . . Noboru Hirai  
State Transportation Planner . . . . . Ah Leong Kam  
Departmental Computer Engineer . . . . . Carl O. Nagami  
Assistant State Highway Safety Coordinator . . . . . Lawrence K. Hao

Division Chiefs

Airports . . . . . Owen Miyamoto  
Harbors . . . . . Melvin E. Lepine  
Highways . . . . . Tetsuo Harano

District Officers

Oahu

Airport District Superintendent . . . . . William H. Kraft  
Harbor District Manager . . . . . James B. McCormick  
Highway District Engineer . . . . . Tit Mun Chun

Hawaii

North Hawaii Airport District Superintendent . . . . . Philip A. Sykes  
South Hawaii Airport District Superintendent . . . . . Oswald A. Byrne  
Harbor District Manager . . . . . Dennis E. Ruthrauff  
Highway District Engineer . . . . . Charles L. Schuster

Maui

Airport District Superintendent . . . . . Thomas F. Hanchett  
Harbor District Manager . . . . . Percy A. Lilly  
Highway District Engineer . . . . . Harris S. Suyama

Kauai

Airport District Superintendent . . . . . Ralph W. Foster, Jr.  
Harbor District Manager . . . . . Carl A. Forsen  
Highway District Engineer . . . . . Edwin Nakano



DEPARTMENT OFFICES

Departmental Administration Offices

Director  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Airports District Offices

North Hawaii District  
Airports Superintendent  
Department of Transportation  
State of Hawaii  
Ke-ahole Airport  
Kailua-Kona, Hawaii 96740

Airport District  
Superintendent, Maui  
Department of Transportation  
State of Hawaii  
Kahului Airport  
Kahului, Hawaii 96732

South Hawaii District  
Airports Superintendent  
Department of Transportation  
State of Hawaii  
General Lyman Field  
Hilo, Hawaii 96720

Airport District  
Superintendent, Oahu  
Department of Transportation  
State of Hawaii  
Honolulu International Airport  
Honolulu, Hawaii 96819

Airport District  
Superintendent, Kauai  
Department of Transportation  
State of Hawaii  
Lihue Airport  
Lihue, Hawaii 96766

Harbors District Offices

Harbor District Manager, Hawaii  
Department of Transportation  
State of Hawaii  
Pier 1, Hilo  
P. O. Box 1555  
Hilo, Hawaii 96720

Harbor District Manager, Oahu  
Department of Transportation  
State of Hawaii  
700 Fort Street  
P. O. Box 397  
Honolulu, Hawaii 96809

Harbor District Manager, Maui  
Department of Transportation  
State of Hawaii  
Pier 2, Kahului  
P. O. Box 201  
Kahului, Hawaii 96732

Harbor District Manager, Kauai  
Department of Transportation  
State of Hawaii  
Nawiliwili, Kauai  
P. O. Box 821  
Lihue, Hawaii 96766

## Highways District Offices

Highway District Engineer, Hawaii  
Department of Transportation  
State of Hawaii  
50 Makaala Street  
P. O. Box 276  
Hilo, Hawaii 96720

Highway District Engineer, Maui  
Department of Transportation  
State of Hawaii  
962 Keaoolu Street  
Kahului Kai (NASKA)  
P. O. Box 38  
Kahului, Hawaii 96732

Highway District Engineer, Oahu  
Department of Transportation  
State of Hawaii  
727 Kakoi Street  
Honolulu, Hawaii 96819

Highway District Engineer, Kauai  
Department of Transportation  
State of Hawaii  
State Office Building  
3060 Eiwa Street  
P. O. Box 1711  
Lihue, Hawaii 96766

## FOR FURTHER INFORMATION

The Annual Report of the State Department of Transportation is intended to provide an overall view of the Departments' activities.

The three major divisions of the Department and their various branches also issue periodical or special reports of a more technical nature.

Persons interested in a special phase of the Department's operations are invited to direct specific requests for information to the division concerned.

Copies of major reports are usually available for examination at the Public Archives, the University of Hawaii Library, the State of Hawaii Library, the Municipal Reference Library, and the County Libraries of Hawaii, Maui and Kauai.

Persons interested in details of the Department's tentative long-range construction program are referred to the Governor's Capital Improvements Program.

## PHOTO DESCRIPTIONS

- Page 7 -- The ground is broken for the new terminal at General Lyman Field, in Hilo. Pictured is the initial work for an \$8.3 million contract for site work, grading, drainage and paving of the aircraft apron. The new terminal is expected to be completed at the end of 1975.
- Page 21 -- Kawaihae Harbor is the newest and fastest growing port in the Hawaiian chain. This port provides shipping facilities for the south and west coasts of the Big Island, thus eliminating the costly transportation of goods and supplies from Hilo, 71 miles away.
- Page 39 -- The Mauna Kea Access Road, completed on June 28, 1974, is the first of two increments that will provide an improved means of transportation to the Observatory summit site. It consists of 6.281 miles of two-lane, 20-foot wide pavement on or near an existing dirt road, from Saddle Road to Hale Pohaku.