

# DEPARTMENT OF TRANSPORTATION

## OFFICE OF THE SECRETARY

### Federal Funds

#### General and special funds:

#### SALARIES AND EXPENSES

For necessary expenses of the Office of the Secretary of Transportation, including not to exceed \$27,000 for allocation within the Department for official reception and representation expenses as the Secretary may determine; **[\$23,970,000]** \$24,500,000. (Department of Transportation and Related Agencies Appropriation Act, 1973.)

#### Program and Financing (in thousands of dollars)

Identification code 21-05-0102-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
General administration (program costs, funded).....	21,867	23,938	24,500
Change in selected resources <sup>1</sup> .....	-103	-----	-----
Total direct obligations.....	21,764	23,938	24,500
Reimbursable program (costs—obligations).....	1,822	2,671	2,800
10 Total obligations.....	23,586	26,609	27,300
<b>Financing:</b>			
11 Receipts and reimbursements from:			
Federal funds.....	-1,822	-2,671	-2,800
25 Unobligated balance lapsing.....	26	-----	-----
Budget authority.....	21,789	23,938	24,500
Budget authority:			
40 Appropriation.....	21,592	23,970	24,500
41 Transferred to other accounts.....	-220	-32	-----
42 Transferred from other accounts.....	417	-----	-----
43 Appropriation (adjusted).....	21,789	23,938	24,500
Relation of obligations to outlays:			
71 Obligations incurred, net.....	21,764	23,938	24,500
72 Obligated balance, start of year.....	1,424	1,689	1,427
74 Obligated balance, end of year.....	-1,689	-1,427	-1,627
77 Adjustments in expired accounts.....	-422	-----	-----
90 Outlays.....	21,077	24,200	24,300

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$2,141 thousand; 1972, \$2,038 thousand; 1973, \$2,038 thousand; 1974, \$2,038 thousand.

This appropriation finances, under the general administrative program, the costs of policy development, central supervisory, and coordinating functions necessary for the overall planning and direction of the Department. It covers the immediate secretarial offices as well as those of the assistant secretaries and the general counsel. Also covered are staff assistance and supervision of general management and administration in the Department and general administrative services provided to the organizations financed from this appropriation.

### Object Classification (in thousands of dollars)

Identification code 21-05-0102-0-1-506	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	14,671	15,873	16,472
11.3 Positions other than permanent.....	511	515	515
11.5 Other personnel compensation.....	202	216	216
11.8 Special personal services payments.....	336	236	236
Total personnel compensation.....	15,720	16,840	17,439
12.1 Personnel benefits: Civilian.....	1,294	1,360	1,406
21.0 Travel and transportation of persons.....	844	800	800
22.0 Transportation of things.....	69	65	65
23.0 Rent, communications, and utilities.....	662	882	1,008
24.0 Printing and reproduction.....	781	600	650
25.0 Other services.....	2,030	2,996	2,762
26.0 Supplies and materials.....	152	170	170
31.0 Equipment.....	212	225	200
Total direct obligations.....	21,764	23,938	24,500
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	1,428	1,529	1,596
11.3 Positions other than permanent.....	16	25	25
11.5 Other personnel compensation.....	10	-----	-----
Total personnel compensation.....	1,454	1,554	1,621
12.1 Personnel benefits: Civilian.....	120	129	134
21.0 Travel and transportation of persons.....	46	95	95
23.0 Rent, communications, and utilities.....	14	14	14
25.0 Other services.....	181	871	928
26.0 Supplies and materials.....	-----	1	1
31.0 Equipment.....	7	7	7
Total reimbursable obligations.....	1,822	2,671	2,800
99.0 Total obligations.....	23,586	26,609	27,300

### Personnel Summary

<b>Direct:</b>			
Total number of permanent positions.....	871	871	891
Full-time equivalent of other positions.....	56	38	38
Average paid employment.....	799	825	835
Average GS grade.....	11.7	11.9	11.9
Average GS salary.....	\$19,624	\$20,204	\$20,522
Average salary of ungraded positions.....	\$8,528	\$8,528	\$8,528
<b>Reimbursable:</b>			
Total number of permanent positions.....	102	100	98
Full-time equivalent of other positions.....	1	1	1
Average paid employment.....	94	97	99
Average GS grade.....	9.7	10.3	10.4
Average GS salary.....	\$15,176	\$16,087	\$16,411

### TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT

For necessary expenses for conducting transportation planning, research, and development activities, including the collection of national transportation statistics, to remain available until expended, **[\$38,500,000]** \$29,675,000, of which not to exceed **[\$7,000,000]** \$1,000,000 shall be derived from the appropriation for "Research, engineering and development (Airport and Airway Trust Fund)". (Department of Transportation and Related Agencies Appropriation Act, 1975.)

## General and special funds—Continued

## TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT—CON.

## Program and Financing (in thousands of dollars)

Identification code 21-05-0142-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Transportation policy and planning.	4,454	8,138	7,870
2. University research.	-----	2,500	4,000
3. Transportation systems development and technology.	11,750	17,574	22,740
4. Environment and urban systems.	572	1,200	1,365
5. Special programs.	403	684	1,000
Total direct program.	17,179	30,096	36,975
Reimbursable program.	5,884	5,167	1,900
Total program costs, funded.	23,063	35,263	38,875
Change in selected resources <sup>1</sup> .	8,586	-5,000	-----
10 Total obligations.	31,649	30,263	38,875
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.	-1,600	-900	-900
13 Trust funds.	-6,500	-3,500	-1,000
21 Unobligated balance available, start of year.	-4,359	-2,663	-8,300
24 Unobligated balance available, end of year.	2,663	8,300	-----
25 Unobligated balance lapsing.	147	-----	-----
40 Budget authority (appropriation).	22,000	31,500	28,675
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.	23,549	25,863	36,975
72 Obligated balance, start of year.	4,203	14,514	20,277
74 Obligated balance, end of year.	-14,514	-20,277	-27,268
90 Outlays.	13,239	20,100	29,984

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$6,762 thousand; 1972, \$15,348 thousand; 1973, \$10,348 thousand; 1974, \$10,348 thousand.

The Department of Transportation Act of 1966 assigns to the Secretary broad responsibilities for the development and coordination of national transportation policies and programs. This appropriation finances those research activities and studies which directly support the Secretary's responsibilities and which can more effectively or appropriately be conducted in the Office of the Secretary than by the operating administrations within the Department. The program is carried out primarily through contracts with other Federal agencies, educational institutions, nonprofit research organizations, and private firms.

1. *Transportation policy and planning.*—Comprehensive long-range policy formulation is supported in this activity by broad-based research emphasizing economic and social sciences. The objective of long-range policy planning is the orderly development of the Nation's transportation network so as to provide efficient through-service for all users. This research provides essential empirical information and assessment of existing transportation service; identifies factors and policy issues influencing efficiency; assesses the effects of economic regulation by various levels of government on transportation efficiency; and examines the interrelationship of transportation with changing economic and social goals.

2. *University research.*—Scientific and technological research and interdisciplinary studies are designed to assure that resources of the higher education community are effectively brought to bear on transportation problems

and to encourage greater involvement of universities and colleges with the Department, State, and local governments, and the transportation industry. In addition to mission-oriented research, university-based seminars and conferences bring university, industry, and government representatives together for joint study of transportation needs.

3. *Transportation systems development and technology.*—Projects are carried out to advance transportation technology generally; to seek solutions to transportation problems which are intermodal in nature; to provide information and forecasts on new technology required as a basis for planning and development of transportation systems, policies, and programs; to conduct research on longer range technical problems in transportation; and to manage research programs of such priority that they demand secretarial emphasis. Funds requested in this activity will continue advanced research and development to improve air transportation (to be financed partially from the Airport and airway trust fund); to develop multimodal and intermodal systems and technology, and to promote environmental and ecological improvements. In general, projects are designed to complement research and development programs of the operating administrations and to stimulate industry efforts to advance transportation technology.

4. *Environment and urban systems.*—Research is conducted to assist in the formulation, execution, and evaluation of departmental policies, programs, and procedures related to environmental and urban systems aspects of transportation.

5. *Special programs.*—Projects are chiefly to provide technical studies and other data in support of departmental effort in the areas of safety program coordination, consumer affairs, hazardous materials, and pipeline safety.

## Object Classification (in thousands of dollars)

Identification code 21-05-0142-0-1-506	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.	1,493	1,662	1,715
11.3 Positions other than permanent.	370	180	180
11.5 Other personnel compensation.	12	15	15
Total personnel compensation.	1,875	1,857	1,910
12.1 Personnel benefits: Civilian.	142	134	138
21.0 Travel and transportation of persons.	177	172	172
22.0 Transportation of things.	4	-----	-----
23.0 Rent, communications, and utilities.	8	27	27
24.0 Printing and reproduction.	117	95	112
25.0 Other services.	21,192	23,552	34,590
26.0 Supplies and materials.	30	20	20
31.0 Equipment.	4	6	6
Total direct obligations.	23,549	25,863	36,975
<b>Reimbursable obligations:</b>			
25.0 Other services.	8,100	4,400	1,900
99.0 Total obligations.	31,649	30,263	38,875

## Personnel Summary

Total number of permanent positions.	90	90	90
Full-time equivalent of other positions.	20	7	7
Average paid employment.	100	90	90
Average GS grade.	11.8	12.1	12.1
Average GS salary.	\$19,582	\$20,340	\$20,764

## TRANSPORTATION RESEARCH ACTIVITIES OVERSEAS (SPECIAL FOREIGN CURRENCY PROGRAM)

For payments in foreign currencies which the Treasury Department determines to be excess to the normal requirements of the United States, for necessary expenses for conducting transportation research activities overseas, as authorized by law, \$500,000, to remain available until expended: Provided, That this appropriation shall be available, in addition to other appropriations to the Department, for payments in the foregoing currencies.

## Program and Financing (in thousands of dollars)

Identification code 21-05-0105-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Overseas research (costs—obligations) (object class 25.0).....	1	499	500
<b>Financing:</b>			
21 Unobligated balance available, start of year .....		—499	
24 Unobligated balance available, end of year .....	499		
40 Budget authority (appropriation)....	500		500
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	1	499	500
72 Obligated balance, start of year.....			199
74 Obligated balance, end of year.....		—199	—199
90 Outlays.....	1	300	500

Foreign currencies which are in excess of the normal requirements of the United States will be used in 1974 to continue support research projects in Poland relating to improved transportation systems. A cooperative research program with India involving air sampling of the upper atmosphere is planned for 1974.

## GRANTS-IN-AID FOR NATURAL GAS PIPELINE SAFETY

For grants-in-aid to carry out a pipeline safety program, as authorized by section 5 of the Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. 1674), \$875,000 to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-05-0104-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Grants (program costs, funded).....	489	1,636	875
Change in selected resources <sup>1</sup> .....	260	—760	
10 Total obligations (object class 41.0) ..	749	876	875
<b>Financing:</b>			
21 Unobligated balance available, start of year .....		—1	
24 Unobligated balance available, end of year .....	1		
40 Budget authority (appropriation)....	750	875	875
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	749	876	875
72 Obligated balance, start of year.....	500	761	677
74 Obligated balance, end of year.....	—761	—677	—677
77 Adjustments in expired accounts.....	—127		
90 Outlays.....	362	960	875

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$500 thousand; 1972, \$760 thousand; 1973, \$0; 1974, \$0.

Under the Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. 1674), the Federal Government has established minimum safety standards. States are expected to comply voluntarily with requirements of the act, including annual

reporting requirements. Also under the act, grants of up to 50% of the cost of personnel, equipment, and activities of a State agency reasonably required to carry out a natural gas pipeline safety program may be made.

## CONSOLIDATION OF DEPARTMENTAL HEADQUARTERS

For necessary expenses in connection with the consolidation of departmental activities into the Southwest Area of Washington, District of Columbia, [\$800,000] \$850,000. (Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-05-0103-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
Consolidation of departmental head- quarters (program costs, funded)....	1,707	1,860	900
Change in selected resources <sup>1</sup> .....	27	—1,060	—50
Total direct program.....	1,734	800	850
Reimbursable program (costs—obliga- tions).....		1,670	2,709
10 Total obligations.....	1,734	2,470	3,559
<b>Financing:</b>			
11 Receipts and reimbursements from: Fed- eral funds.....		—1,670	—2,709
25 Unobligated balance lapsing.....	26		
40 Budget authority (appropriation)....	1,760	800	850
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	1,734	800	850
72 Obligated balance, start of year.....	1,083	1,141	91
74 Obligated balance, end of year.....	—1,141	—91	
77 Adjustments in expired accounts.....	—1,373		
90 Outlays.....	303	1,850	941

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$1,083 thousand; 1972, \$1,110 thousand; 1973, \$50 thousand; 1974, \$0.

Funds in this appropriation are to finance costs incidental to the consolidation of the headquarters organizations under the Department in the Southwest Washington, D.C., area. In 1974, \$850 thousand will be required for rental and maintenance costs of employee parking space in the Nassif Building. Also included are reimbursements to fund rental and related costs of additional headquarters space at Buzzard Point in southwest D.C. Funds for this purpose are included in the budget requests of the operating administrations.

## Object Classification (in thousands of dollars)

Identification code 21-05-0103-0-1-506	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
23.0 Rent, communications, and utilities....	544	800	850
25.0 Other services.....	1,133		
26.0 Supplies and materials.....	2		
31.0 Equipment.....	55		
Total direct obligations.....	1,734	800	850
<b>Reimbursable obligations:</b>			
23.0 Rent, communications, and utilities....		1,203	2,709
25.0 Other services.....		325	
31.0 Equipment.....		142	
Total reimbursable obligations.....		1,670	2,709
99.0 Total obligations.....	1,734	2,470	3,559

## Intragovernmental funds:

## WORKING CAPITAL FUND

## Program and Financing (in thousands of dollars)

Identification code 21-05-4520-0-4-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Operating costs, funded:</b>			
1. Publishing and graphics program:			
(a) Direct operating costs.....	5,699	6,283	6,738
(b) Overhead costs.....	262	310	322
2. Still photographic services:			
(a) Direct operating costs.....	367	354	349
(b) Overhead costs.....	26	27	28
3. Computer time-sharing services:			
(a) Direct operating costs.....	2,056	2,200	2,200
(b) Overhead costs.....	25	26	27
4. Library:			
(a) Direct operating costs.....	875	959	1,006
(b) Overhead costs.....	27	44	44
5. Travel services and imprest fund:			
(a) Direct operating costs.....	181	205	222
(b) Overhead costs.....	13	25	26
6. Central employment information:			
(a) Direct operating costs.....	50	61	68
(b) Overhead costs.....	3	6	6
7. Warehouse management:			
(a) Direct operating costs.....	140	230	206
(b) Overhead costs.....	4	12	11
8. Parking management:			
(a) Direct operating costs.....	64	63	69
(b) Overhead costs.....	27	8	8
9. Chauffeur services:			
(a) Direct operating costs.....	135	167	188
(b) Overhead costs.....	4	9	9
10. Mail and messenger service:			
(a) Direct operating costs.....	351	445	500
(b) Overhead costs.....	17	31	31
11. Management information center:			
(a) Direct operating costs.....		10	11
(b) Overhead costs.....		1	1
12. Visuals service:			
(a) Direct operating costs.....		832	917
(b) Overhead costs.....		32	33
<b>Total operating costs.....</b>	<b>10,326</b>	<b>12,340</b>	<b>13,020</b>
<b>Capital outlay, funded:</b>			
1. Publishing and graphics program:			
Purchase of equipment.....	37	75	27
2. Still photographic services: Purchase of equipment.....	20	18	7
4. Library: Purchase of equipment.....	1	1	2
5. Travel services and imprest fund: Purchase of equipment.....	1	1	2
7. Warehouse management: Purchase of equipment.....	4	8	4
9. Chauffeur services: Purchase of equipment.....	1	2	1
10. Mail and messenger service: Purchase of equipment.....		1	2
12. Visuals service: Purchase of equipment.....		10	9
<b>Total capital outlay.....</b>	<b>63</b>	<b>123</b>	<b>64</b>
<b>Total program costs, funded.....</b>	<b>10,389</b>	<b>12,463</b>	<b>13,084</b>
Change in selected resources <sup>1</sup> .....	48	-3	-15
<b>10 Total obligations.....</b>	<b>10,437</b>	<b>12,460</b>	<b>13,069</b>
<b>Financing:</b>			
<b>11 Receipts and reimbursements from:</b>			
<b>Federal funds:</b>			
Publishing and graphics program.....	-5,993	-6,631	-7,100
Still photographic services.....	-411	-400	-397
Computer time-sharing services.....	-2,081	-2,226	-2,227
Library.....	-910	-1,013	-1,061
Travel services and imprest fund.....	-195	-232	-250
Central employment information.....	-54	-68	-75
Warehouse management.....	-144	-243	-218

Parking management.....	-91	-71	-77
Chauffeur services.....	-140	-177	-198
Mail and messenger service.....	-390	-498	-554
Management information center.....		-11	-12
Visuals service.....		-869	-956
Unfilled customers' orders.....	341	-355	51
21 Unobligated balance available, start of year.....	-482	-113	-447
24 Unobligated balance available, end of year.....	113	447	452
<b>Budget authority.....</b>			
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	369	-334	-5
72 Obligated balance, start of year.....	766	990	853
74 Obligated balance, end of year.....	-990	-853	-848
90 Outlays.....	145	-197	

<sup>1</sup> Balances of selected resources are identified on the statement of financial condition.

The working capital fund finances common administrative services which are centrally performed in the interest of economy and efficiency in the Department. The fund includes the operation of publishing and graphic services, still photographic services, computer time sharing, consolidated library operations, consolidated travel and imprest fund operations, central employment information, warehouse management, parking management, chauffeur services, mail and messenger services, management information center, and visuals service.

*Operating results and financial condition.*—Services rendered are charged for at rates which return in full all operating expenses, including a normal reserve for accrued annual leave and depreciation of equipment. The fund is reimbursed in advance by the operating administrations and offices being served.

## Revenue and Expense (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Publishing and graphics program:</b>			
Revenue.....	5,993	6,631	7,100
Expense.....	-5,993	-6,631	-7,100
<b>Net operating income.....</b>			
<b>Still photographic services:</b>			
Revenue.....	411	400	397
Expense.....	-411	-400	-397
<b>Net operating income.....</b>			
<b>Computer time-sharing service:</b>			
Revenue.....	2,081	2,226	2,227
Expense.....	-2,081	-2,226	-2,227
<b>Net operating income.....</b>			
<b>Library:</b>			
Revenue.....	910	1,013	1,061
Expense.....	-910	-1,013	-1,061
<b>Net operating income.....</b>			
<b>Travel services and imprest fund:</b>			
Revenue.....	195	232	250
Expense.....	-195	-232	-250
<b>Net operating income.....</b>			
<b>Central employment information:</b>			
Revenue.....	54	68	75
Expense.....	-54	-68	-75
<b>Net operating income.....</b>			



<b>Warehouse management:</b>			
Revenue.....	144	243	218
Expense.....	-144	-243	-218
Net operating income.....			
<b>Parking management:</b>			
Revenue.....	91	71	77
Expense.....	-91	-71	-77
Net operating income.....			
<b>Chauffeur services:</b>			
Revenue.....	140	177	198
Expense.....	-140	-177	-198
Net operating income.....			
<b>Mail and messenger service:</b>			
Revenue.....	390	498	554
Expense.....	-390	-498	-554
Net operating income.....			
<b>Management information center:</b>			
Revenue.....		11	12
Expense.....		-11	-12
Net operating income.....			
<b>Visuals service:</b>			
Revenue.....		869	956
Expense.....		-869	-956
Net operating income.....			
Net income for the year.....			

**Financial Condition (in thousands of dollars)**

1971 actual 1972 actual 1973 est. 1974 est.

<b>Assets:</b>				
Treasury balance.....	1,248	1,103	1,300	1,300
Deposits in transit.....	700	1,435	1,900	1,900
Accounts receivable.....	1,138	1,890	2,000	2,000
Undelivered orders.....		408	600	600
<b>Selected assets:</b> <sup>1</sup>				
Work in process.....	64	40	45	55
Supplies and materials.....	129	114	120	130
Prepaid subscriptions.....	2	1	2	2
Deferred charges.....	51	30	25	25
Fixed assets, equipment.....	459	481	544	547
Library collection.....	2,363	2,363	2,363	2,363
Total assets.....	6,154	7,865	8,899	8,922
<b>Liabilities:</b>				
Accounts payable.....	1,541	2,423	2,600	2,600
Accrued expenses.....	1,121	1,015	1,200	1,200
Operating reserves (leave) <sup>1</sup> .....	223	231	240	245
Advances from customers.....	473	1,095	1,360	1,360
Total liabilities.....	3,358	4,764	5,400	5,405
<b>Government equity:</b>				
Unobligated balance.....	482	113	447	452
Unfilled customers' orders.....	-688	-408	-600	-600
Invested capital and earnings.....	3,002	3,396	3,652	3,665
Total Government equity.....	2,796	3,101	3,499	3,517

<sup>1</sup> The "Change in selected resources" entry on the program and financing schedule relates to these items.**Analysis of Changes in Government Equity (in thousands of dollars)**

1972 actual 1973 est. 1974 est.

<b>Non-interest-bearing capital:</b>			
Start of year.....	2,796	3,101	3,499
Donated assets less assumed liabilities.....	305	398	18
End of year.....	3,101	3,499	3,517

<b>Retained earnings:</b>			
Start of year.....	-65		
Adjustment to prior year costs.....	65		
End of year.....			
Total Government equity (end of year)	3,101	3,499	3,517

**Object classification (in thousands of dollars)**

Identification code 21-05-4520-0-4-506

1972 actual

1973 est.

1974 est.

<b>Personnel compensation:</b>			
11.1 Permanent positions.....	2,720	3,342	3,542
11.3 Positions other than permanent.....	98	93	93
11.5 Other personnel compensation.....	276	238	265
Total personnel compensation.....	3,094	3,673	3,900
12.1 Personnel benefits: Civilian.....	245	294	309
21.0 Travel and transportation of persons.....	5	35	42
23.0 Rent, communications, and utilities.....	670	864	917
24.0 Printing and reproduction.....	3,303	3,535	3,821
25.0 Other services.....	2,275	3,153	3,135
26.0 Supplies and materials.....	544	639	729
31.0 Equipment.....	253	270	231
Total costs, funded.....	10,389	12,463	13,084
94.0 Change in selected resources.....	48	-3	-15
99.0 Total obligations.....	10,437	12,460	13,069

**Personnel Summary**

Total number of permanent positions.....	320	349	349
Full-time equivalent of other positions.....	19	18	18
Average paid employment.....	270	328	345
Average GS grade.....	6.8	6.8	6.8
Average GS salary.....	\$10,074	\$10,224	\$10,374
Average salary of ungraded positions.....	\$9,882	\$10,032	\$10,182

**CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS CENTER****Program and Financing (in thousands of dollars)**

Identification code 21-05-3900-0-4-506

1972 actual

1973 est.

1974 est.

<b>Program by activities:</b>			
Transportation research (program costs, funded).....	28,440	31,568	35,100
Change in selected resources <sup>1</sup> .....	203	729	
10 Total obligations.....	28,643	32,297	35,100
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	-23,803	-18,300	-22,400
13 Trust funds.....	-10,472	-10,300	-10,000
21 Unobligated balance available, start of year.....	-1,765	-7,397	-3,700
24 Unobligated balance available, end of year.....	7,397	3,700	1,000
<b>Budget authority</b>			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-5,632	3,697	2,700
72 Obligated balance, start of year.....	6,380	7,185	13,500
74 Obligated balance, end of year.....	-7,185	-13,500	-14,800
90 Outlays.....	-6,437	-2,618	1,400

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$3,868 thousand; 1972, \$4,071 thousand; 1973, \$4,800 thousand; 1974, \$4,800 thousand.

The fund was established to facilitate the operations of the Transportation Systems Center. The programs of the Center are funded from advances received from the Office of the Secretary and the operating administrations in the Department in accordance with general working agreements and specific project plan agreements.

## Intragovernmental funds—Continued

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS  
CENTER—Continued

The Transportation Systems Center serves as a technical resource for the Office of the Secretary and the operating administrations. Its specific projects planned for 1974 are grouped generally along the following lines:

*Transportation safety.*—The emphasis under this heading is in the highway safety field with a strong effort in aviation, highway, and railway safety.

*Pollution reduction.*—This grouping has a significant effort in clean transportation power and includes aircraft, railroad, and marine pollution tasks.

*Noise abatement.*—Problems of noise reduction, measurement, and analysis related to transportation systems are covered in this area with emphasis on development of right-of-way and surface transportation vehicle noise reduction.

*Air transportation.*—This grouping of the Center's projects is primarily directed to air and ground traffic control. The balance of the effort is divided among communication, navigation, and landing systems development.

*Ground transportation.*—Highway utilization and traffic control, new urban transportation systems, advanced high-speed systems, and conventional railroad systems are the main project areas under this category.

*Multimodal systems.*—Projects which are not directed towards a single mode of transportation are included here, with the primary effort in analyzing and evaluating the socioeconomic aspects of future transportation needs as well as payoff analyses to determine the merits of various transportation alternatives.

## Object Classification (in thousands of dollars)

Identification code 21-05-3900-0-4-506	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	9,912	10,259	10,319
11.3 Positions other than permanent.....	207	215	215
11.5 Other personnel compensation.....	21	21	21
<b>Total personnel compensation.....</b>	<b>10,140</b>	<b>10,495</b>	<b>10,555</b>
12.1 Personnel benefits: Civilian.....	849	871	876
21.0 Travel and transportation of persons.....	575	675	675
22.0 Transportation of things.....	233	200	200
23.0 Rent, communications, and utilities.....	1,089	1,077	1,100
24.0 Printing and reproduction.....	89	100	100
25.0 Other services.....	11,022	15,587	18,394
26.0 Supplies and materials.....	1,194	700	700
31.0 Equipment.....	2,745	2,500	2,500
32.0 Lands and structures.....	706	92	-----
42.0 Insurance claims and indemnities.....	1	-----	-----
<b>99.0 Total obligations.....</b>	<b>28,643</b>	<b>32,297</b>	<b>35,100</b>

## Personnel Summary

Total number of permanent positions.....	700	700	680
Full-time equivalent of other positions.....	29	29	29
Average paid employment.....	599	609	604
Average GS grade.....	10.9	10.9	10.9
Average GS salary.....	\$17,719	\$17,853	\$17,958
Average salary of ungraded positions.....	\$9,326	\$9,326	\$9,326

## Trust Funds

## GIFTS AND DONATIONS

## Program and Financing (in thousands of dollars)

Identification code 21-05-8548-0-7-506	1972 actual	1973 est.	1974 est.
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-----	-8	-8
24 Unobligated balance available, end of year.....	8	8	8
<b>60 Budget authority (appropriation)</b>			
(permanent, indefinite).....	8	-----	-----
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	-----	-----	-----
<b>90 Outlays.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>

Donations received are used for transportation activities.

## COAST GUARD

MILITARY PERSONNEL SUMMARY ALL APPROPRIATIONS—ACTIVE  
FORCES

## Average Numbers

Direct:	1972	Commi- sioned	Warrant	Enlisted	Cadets	Total
Operating expenses.....	4,137	1,172	30,724	945	36,978	
Acquisition, construction, and im- provements.....	57	13	39	-----	109	
Reserve training.....	129	51	712	-----	892	
Research, development, test, and evaluation.....	48	8	34	-----	90	
Yard fund.....	9	3	18	-----	30	
Subtotal.....	4,380	1,247	31,527	945	38,099	
Reimbursable:						
Operating expenses:						
Department of Transportation.....	18	2	6	-----	26	
Other.....	30	4	57	-----	91	
Acquisition, construction, and im- provements.....	9	1	-----	-----	10	
Subtotal.....	57	7	63	-----	127	
Total.....	4,437	1,254	31,590	945	38,226	
Direct:	1973					
Operating expenses.....	4,143	1,182	30,194	1,023	36,542	
Acquisition, construction, and im- provements.....	65	18	39	-----	122	
Reserve training.....	129	51	712	-----	892	
Research, development, test, and evaluation.....	63	10	26	-----	99	
Yard fund.....	9	3	18	-----	30	
Subtotal.....	4,409	1,264	30,989	1,023	37,685	
Reimbursable:						
Operating expenses:						
Department of Transportation.....	16	1	6	-----	23	
Other.....	32	6	70	-----	108	
Acquisition, construction, and im- provements.....	4	-----	-----	-----	4	
Subtotal.....	52	7	76	-----	135	
Total.....	4,461	1,271	31,065	1,023	37,820	

<b>Direct:</b>	<b>1974</b>				
Operating expenses.....	4,131	1,204	29,656	1,027	36,018
Acquisition, construction, and improvements.....	65	18	39	-----	122
Reserve training.....	116	49	593	-----	758
Research, development, test, and evaluation.....	63	10	26	-----	99
Yard fund.....	9	3	18	-----	30
Subtotal.....	<u>4,384</u>	<u>1,284</u>	<u>30,332</u>	<u>1,027</u>	<u>37,027</u>

<b>Reimbursable:</b>					
Operating expenses:					
Department of Transportation.....	16	1	6	-----	23
Other.....	33	6	79	-----	118
Acquisition, construction, and improvements.....	4	-----	-----	-----	4
Subtotal.....	<u>53</u>	<u>7</u>	<u>85</u>	-----	<u>145</u>
<b>Total.....</b>	<u>4,437</u>	<u>1,291</u>	<u>30,417</u>	<u>1,027</u>	<u>37,172</u>

## Yearend Numbers

<b>Direct:</b>	<b>1972</b>				
Operating expenses.....	4,198	1,166	30,087	1,162	36,613
Acquisition, construction, and improvements.....	61	14	64	-----	139
Reserve training.....	129	51	712	-----	892
Research, development, test, and evaluation.....	48	8	34	-----	90
Yard fund.....	9	3	18	-----	30
Subtotal.....	<u>4,445</u>	<u>1,242</u>	<u>30,915</u>	<u>1,162</u>	<u>37,764</u>

<b>Reimbursable:</b>					
Operating expenses:					
Department of Transportation.....	16	1	8	-----	25
Other.....	32	4	74	-----	110
Acquisition, construction, and improvements.....	9	1	-----	-----	10
Subtotal.....	<u>57</u>	<u>6</u>	<u>82</u>	-----	<u>145</u>
<b>Total.....</b>	<u>4,502</u>	<u>1,248</u>	<u>30,997</u>	<u>1,162</u>	<u>37,909</u>

<b>Direct:</b>	<b>1973</b>				
Operating expenses.....	4,283	1,204	29,903	1,148	36,538
Acquisition, construction, and improvements.....	65	18	39	-----	122
Reserve training.....	116	49	593	-----	758
Research, development, test, and evaluation.....	63	10	26	-----	99
Yard fund.....	10	3	23	-----	36
Subtotal.....	<u>4,537</u>	<u>1,284</u>	<u>30,584</u>	<u>1,148</u>	<u>37,553</u>

<b>Reimbursable:</b>					
Operating expenses:					
Department of Transportation.....	16	1	6	-----	23
Other.....	31	6	75	-----	112
Acquisition, construction, and improvements.....	4	-----	-----	-----	4
Subtotal.....	<u>51</u>	<u>7</u>	<u>81</u>	-----	<u>139</u>
<b>Total.....</b>	<u>4,588</u>	<u>1,291</u>	<u>30,665</u>	<u>1,148</u>	<u>37,692</u>

<b>Direct:</b>	<b>1974</b>				
Operating expenses.....	4,181	1,205	29,491	1,185	36,062
Acquisition, construction, and improvements.....	65	18	39	-----	122
Reserve training.....	116	49	593	-----	758
Research, development, test, and evaluation.....	63	10	26	-----	99
Yard fund.....	10	3	23	-----	36
Subtotal.....	<u>4,435</u>	<u>1,285</u>	<u>30,172</u>	<u>1,185</u>	<u>37,077</u>

<b>Reimbursable:</b>					
Operating expenses:					
Department of Transportation.....	16	1	8	-----	25
Other.....	32	5	93	-----	130
Acquisition, construction, and improvements.....	4	-----	-----	-----	4
Subtotal.....	<u>52</u>	<u>6</u>	<u>101</u>	-----	<u>159</u>
<b>Total.....</b>	<u>4,487</u>	<u>1,291</u>	<u>30,273</u>	<u>1,185</u>	<u>37,236</u>

## Federal Funds

## General and special funds:

## OPERATING EXPENSES

For necessary expenses for the operation and maintenance of the Coast Guard, not otherwise provided for; purchase of not to exceed sixteen passenger motor vehicles, fifteen of which are for replacement only; and recreation and welfare; [\$548,900,000] \$546,370,000, of which [\$164,905] \$171,994 shall be applied to Capehart Housing debt reduction: *Provided*, That the number of aircraft on hand at any one time shall not exceed one hundred and [seventy-five] seventy-two exclusive of planes and parts stored to meet future attrition: *Provided further*, That, without regard to any provisions of law or Executive order prescribing minimum flight requirements, Coast Guard regulations which establish proficiency standards and maximum and minimum flying hours for this purpose may provide for the payment of flight pay at the rates prescribed in section 301 of title 37, United States Code, to certain members of the Coast Guard otherwise entitled to receive flight pay during the current fiscal year (1) who have held aeronautical ratings or designations for not less than fifteen years, or (2) whose particular assignment outside the United States or in Alaska, makes it impractical to participate in regular aerial flights, or who have been assigned to a course of instruction of 90 days or more: *Provided further*, That amounts equal to the obligated balances against the appropriations for "Operating expenses" for the two preceding years, shall be transferred to and merged with this appropriation, and such merged appropriation shall be available as one fund, except for accounting purposes of the Coast Guard, for the payment of obligations properly incurred against such prior year appropriations and against this appropriation: *Provided further*, That not to exceed \$15,000 shall be available for investigative expenses of a confidential character, to be expended on the approval and authority of the Commandant and his determination shall be final and conclusive upon the accounting officer of the Government. (14 U.S.C.; 10 U.S.C. Subtitle A; 19 U.S.C. 261, 267, 1451; 33 U.S.C.; 37 U.S.C.; 46 U.S.C.; 49 U.S.C. 1651 et seq.; 50 U.S.C. 191, 194; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed for \$300,494,000.)

## Program and Financing (in thousands of dollars)

Identification code 21-15-0201-0-1-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Search and rescue.....	150,660	164,720	167,150
2. Aids to navigation.....	100,662	109,562	108,175
3. Marine safety.....	38,706	43,430	48,286
4. Maritime environmental protection.....	24,718	32,489	37,859
5. Ocean operations.....	67,645	70,145	63,170
6. Military readiness.....	31,804	35,313	33,529
7. General support.....	76,833	82,483	88,029
Total direct program costs....	491,028	538,142	546,198
Unfunded adjustments to direct program costs: Property transferred in without charge.....	-10,579	-9,000	-9,000
Total direct program costs, funded.....	480,448	529,142	537,198

## General and special funds—Continued

## OPERATING EXPENSES—Continued

## Program and Financing (in thousands of dollars)—Continued

Identification code 21-15-0201-0-1-502	1972 actual	1973 est.	1974 est.
Change in selected resources <sup>1</sup> .....	22,598	9,000	9,000
Total direct obligations.....	503,047	538,142	546,198
Reimbursable program:			
8. Miscellaneous services for other accounts (reimbursable program costs).....	9,638	11,870	11,870
Change in selected resources <sup>1</sup> .....	866	-----	-----
Total reimbursable obligations..	10,505	11,870	11,870
10 Total obligations.....	513,552	550,012	558,068
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	-10,028	-11,470	-11,470
14 Non-Federal sources.....	-409	-400	-400
21 Unobligated balance available, start of year.....	-197	-130	-130
24 Unobligated balance available, end of year.....	130	130	130
25 Unobligated balance lapsing.....	96	10,500	-----
Budget authority.....	503,143	548,642	546,198
Budget authority:			
40 Appropriation.....	503,378	548,900	546,370
40.48 Portion applied to debt reduction.....	-143	-165	-172
41 Transferred to other accounts.....	-92	-93	-----
43 Appropriation (adjusted).....	503,143	548,642	546,198
Relation of obligations to outlays:			
71 Obligations incurred, net.....	503,114	538,142	546,198
72 Obligated balance, start of year.....	51,341	55,851	72,408
74 Obligated balance, end of year.....	-55,851	-72,408	-74,915
77 Adjustments in expired accounts.....	-633	-----	-----
90 Outlays.....	497,971	521,585	543,691

<sup>1</sup> Selected resources as of June 30 are as follows:

	1971	1972 adjust- ments	1972	1973	1974
Direct program:					
Stores.....	80,778	-----	95,424	94,424	100,424
Undelivered orders.....	37,043	-633	44,362	54,362	57,362
Total.....	117,822	-633	139,786	148,786	157,786
Reimbursable program:					
Undelivered orders.....	810	47	1,492	1,492	1,492
Uncompleted work orders.....	432	-----	663	663	663
Total.....	1,242	47	2,155	2,155	2,155

The Coast Guard employs multipurpose vessels, aircraft, and shore units, strategically located along the coasts and inland waterways of the United States and in selected areas overseas to carry out the duties specified in title 14, United States Code.

*Direct program.*—1. *Search and rescue.*—Most Coast Guard operating facilities have the capacity for promoting safety on or over the high seas and on waters subject to the jurisdiction of the United States. The Coast Guard performs any and all acts necessary to rescue and aid persons and save property placed in jeopardy due to marine and aircraft accidents, floods, and ice conditions (14 U.S.C. 88). Coast Guard activities in the area of search and rescue fall within the National SAR Plan and other agreements. Also included in this program are icebreaking operations in domestic harbors and waterways to facilitate the movement of waterborne commerce (DOT Act,

title 49) and to assist in the prevention of flooding caused by ice accumulation (14 U.S.C. 141).

## WORKLOAD DATA

	1971 actual	1972 actual	1973 estimate	1974 estimate
Search and rescue cases serviced by Coast Guard forces.....	45,734	48,000	50,000	52,000
Miles of track opened through ice.....	59,508	43,884	50,000	50,000

2. *Aids to navigation.*—A network of manned and unmanned aids to navigation is maintained along our coasts and on our inland waterways through the use of tenders and shore facilities to insure the safe passage of the mariner. Loran stations are operated in the United States and abroad to serve the needs of the armed services and marine and air commerce (14 U.S.C. 81). Administrative control is exercised over the construction, maintenance, and operation of bridges across the navigable waters of the United States to insure that the safe passage of navigation is not unreasonably interfered with (33 U.S.C. 401, 491, 499, and 525).

## WORKLOAD DATA

	1971 actual	1972 actual	1973 estimate	1974 estimate
Loran-A coverage (in millions of square miles): Ground wave.....	12.5	12.6	12.6	10.3
Loran-C coverage (in millions of square miles): Ground wave.....	11.8	11.8	12.6	12.6
Federal floating aids.....	26,057	26,759	27,562	28,389
Federal fixed aids and short-range electronic aids (radio beacons).....	20,545	21,252	21,890	22,547
Private aids authorized.....	27,594	26,071	27,375	28,744
Bridge permits and regulations processed.....	432	384	394	404

3. *Marine safety.*—The Coast Guard insures compliance with Federal statutes and regulations pertaining to the merchant marine industry by reviewing plans and specifications for the construction or alteration of merchant vessels; by periodic inspections; by conducting marine casualty investigations; and by setting standards, procedures, and practices under which merchant marine personnel are regulated (14 U.S.C. 2). Coast Guard vessels and personnel assisted by the Coast Guard Auxiliary and State and local personnel provide a balanced boating program.

## WORKLOAD DATA

	1971 actual	1972 actual	1973 estimate	1974 estimate
Commercial vessel safety:				
Licenses and documents issued..	45,180	42,830	50,000	56,000
Seamen discharged.....	318,293	292,876	300,000	300,000
Vessels certificated.....	9,737	9,294	9,800	9,800
Marine casualties investigated..	4,481	4,018	6,600	6,600
Boating safety:				
Safety patrols (includes auxiliary).....	51,107	59,000	65,300	69,500
Public contacts through classroom instructions and voluntary boat examinations.....	777,453	1,071,000	1,567,000	1,772,000

4. *Maritime environmental protection.*—Under the Federal Water Pollution Control Act, as amended, the National Environmental Policy Act, and other laws, international agreements, and conventions, the Coast Guard is charged with the prevention of damage to the marine environment from intentional and unintentional acts and the enhancement of environmental quality. Also, under title 14 of the United States Code, the Dangerous Cargo Act, the Tank Vessel Act, the Ports and Waterways Safety Act (Public Law 92-340), Executive Order 10173, as amended, and various statutes, the Coast Guard must maintain an acceptable level of safety and security in U.S. ports to insure their availability for maximum economic utilization, their availability in time of national emergency, and their environmental quality.

## WORKLOAD DATA

Port safety:	1971 actual	1972 actual	1973 estimate	1974 estimate
Waterfront facilities and vessels inspected.....	134,137	151,517	152,500	152,500
Explosives loadings supervised.....	1,025	1,006	1,025	1,025
Environmental protection:				
Pollution patrols.....	2,100	2,100	2,300	1,900
Number of spills reported.....	6,800	9,500	12,000	13,500

5. *Ocean operations.*—The Coast Guard participates in the national marine sciences program (14 U.S.C. 94), which is coordinated by the Interagency Committee on Marine Science and Engineering. Manned ocean stations from which the National Weather Service takes weather observations will be phased down from five to one during 1974 (14 U.S.C. 90). Polar icebreaking is performed by specially constructed icebreakers engaged in operations with other agencies (14 U.S.C. 2). Also included in this program is conduct of the International Ice Patrol (46 U.S.C. 738) and enforcement of international agreements and Federal laws except for those related to pollution, traffic control, and port and vessel safety.

## WORKLOAD DATA

Ocean stations:	1971 actual	1972 actual	1973 estimate	1974 estimate
Upper air meteorological observations..	9,789	8,840	8,014	4,610
Aircraft flights serviced.....	78,900	61,072	59,000	45,000
Polar operations and oceanographic activities:				
Deliveries by icebreakers or escorted cargo ships:				
Measurement tons of cargo.....	43,116	38,597	36,000	36,000
Barrels of fuel (thousands).....	2,678	1,957	1,600	1,600
Miles of ship survey track.....	224,000	183,879	156,000	156,000
Miles of aircraft survey track.....	100,300	101,450	100,000	125,000
Offshore law enforcement:				
Foreign fishing vessel sightings.....	6,165	7,201	6,900	6,500

6. *Military readiness.*—The Coast Guard operates as a service in the Navy in times of war or national emergency at the direction of the President. During peacetime, an effective state of military preparedness is maintained through unit, multiship, and joint naval training exercises and through other Coast Guard operations (14 U.S.C. 3).

7. *General support.*—Certain facilities of the Coast Guard provide overall direction and support of all Coast Guard programs. Included are training stations, supply facilities, and nonoperational services at headquarters and district offices.

*Reimbursable program.*—8. *Miscellaneous services for other accounts.*—The Coast Guard performs various functions for other agencies and accounts for which reimbursement is received.

*Capehart family housing indebtedness.*—The following informational schedule shows the status of the indebtedness assumed from Department of Defense for transfer of family housing units for assignment as public quarters. The analysis of the indebtedness is as follows (in thousands of dollars):

	1972 actual	1973 estimate	1974 estimate
Total debt incurred, start of year.....	3,313	3,313	3,556
Transfer from Department of Defense at Petaluma, Calif.....	-----	243	-----
Total debt incurred, end of year <sup>1</sup> .....	3,313	3,556	3,556
Debt retirement:			
(a) Prior years.....	-621	-764	-929
(b) Current year.....	-143	-165	-172
Total.....	-764	-929	-1,101
(c) Remaining debt, end of year.....	2,549	2,627	2,455

<sup>1</sup> Balance of indebtedness assumed upon transfer from the Department of Defense.

## Object Classification (in thousands of dollars)

Identification code 21-15-0201-0-1-502	1972 actual	1973 est.	1974 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	47,333	49,995	50,209
11.3 Positions other than permanent.....	1,177	1,418	1,418
11.5 Other civilian personnel compensation.....	433	433	433
11.7 Military personnel.....	220,752	228,772	225,968
Total personnel compensation.....	269,695	280,618	278,028
Personnel benefits:			
12.1 Civilian.....	5,105	5,781	5,856
12.2 Military personnel.....	56,009	62,615	62,278
21.0 Travel and transportation of persons.....	14,459	17,714	18,740
22.0 Transportation of things.....	11,591	14,133	14,952
23.0 Rent, communications, and utilities.....	18,119	22,236	23,525
24.0 Printing and reproduction.....	1,485	2,263	2,392
25.0 Other services.....	43,775	53,895	57,017
26.0 Supplies and materials.....	55,211	68,970	72,966
31.0 Equipment.....	11,889	5,653	5,981
32.0 Lands and structures.....	3,006	3,580	3,788
42.0 Insurance claims and indemnities.....	546	536	494
43.0 Interest and dividends.....	138	148	181
Total direct costs.....	491,028	538,142	546,198
94.0 Change in selected resources (net of unfunded adjustments).....	12,019	-----	-----
Total direct obligations.....	503,047	538,142	546,198
Reimbursable obligations:			
Personnel compensation:			
11.1 Permanent positions.....	89	347	413
11.7 Military personnel.....	1,160	1,163	1,219
Total personnel compensation.....	1,249	1,510	1,632
Personnel benefits:			
12.1 Civilian.....	7	28	33
12.2 Military personnel.....	313	322	348
21.0 Travel and transportation of persons.....	323	400	394
22.0 Transportation of things.....	74	100	99
23.0 Rent, communications, and utilities.....	248	300	296
25.0 Other services.....	3,688	4,605	4,534
26.0 Supplies and materials.....	2,524	3,103	3,055
31.0 Equipment.....	1,212	1,502	1,479
Total reimbursable costs.....	9,638	11,870	11,870
94.0 Change in selected resources.....	866	-----	-----
Total reimbursable obligations.....	10,505	11,870	11,870
99.0 Total obligations.....	513,552	550,012	558,068

## Personnel Summary

Direct:			
Military:			
Total number of permanent positions..	37,503	36,538	36,062
Average number.....	36,978	36,542	36,018
Civilian:			
Total number of permanent positions..	5,188	5,130	5,099
Full-time equivalent of other positions..	293	362	362
Average paid employment.....	4,761	4,859	4,880
Average GS grade.....	7.2	7.2	7.2
Average GS salary.....	\$11,196	\$11,230	\$11,451
Average salary of ungraded positions.....	\$9,577	\$10,660	\$10,673
Reimbursable:			
Military:			
Total number of permanent positions.....	135	135	155
Average number.....	117	131	141
Civilian:			
Total number of permanent positions..	25	27	33
Average paid employment.....	8	26	32
Average GS grade.....	7.2	7.2	7.2
Average GS salary.....	\$11,196	\$11,230	\$11,451
Average salary of ungraded positions.....	\$9,577	\$10,660	\$10,673

## General and special funds—Continued

## ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS

For necessary expenses of acquisition, construction, rebuilding, and improvement of aids to navigation, shore facilities, vessels, and

aircraft, including equipment related thereto; [\$131,550,000] \$74,600,000, to remain available until expended. (14 U.S.C.; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed.)

## Program and Financing (in thousands of dollars)

Identification code	Costs to this appropriation			Analysis of 1974 financing		
	1972 actual	1973 estimate	1974 estimate	Deduct selected resources and unobligated balance, start of year <sup>1</sup>	Add selected resources and unobligated balance, end of year <sup>1</sup>	Appropriation required, 1974
21-15-0240-0-1-502						
<b>Program by activities:</b>						
Direct program:						
1. Vessels .....	25,056	28,683	32,222	111,221	102,978	23,979
2. Aircraft .....	22,400	15,595	20,935	28,139	7,204	-----
3. Shore stations and navigational aids .....	16,513	33,229	30,012	36,468	47,447	40,991
4. Repair and supply facilities .....	9,752	10,324	11,711	8,311	4,080	7,480
5. Training and recruiting facilities .....	13,508	5,176	6,768	5,768	1,050	2,050
6. Alteration of bridges .....	2,376	-----	-----	-----	-----	-----
Total direct program costs .....	89,605	93,007	101,648	189,907	162,759	74,500
Unfunded adjustments to direct program costs: Property transferred in without charge .....	-8,020	-----	-----			
Total direct program costs, funded .....	81,585	93,007	101,648			
Change in selected resources <sup>1</sup> .....	62,637	54,419	-28,395			
Total direct obligations .....	144,222	147,426	73,253			
Reimbursable program:						
1. Vessels .....	49	138	100			
7. Loran to meet Department of Defense requirements .....	1,567	2,412	1,120			
Total reimbursable program costs, funded .....	1,616	2,550	1,220			
Change in selected resources <sup>1</sup> .....	897	-291	-860			
Total reimbursable obligations .....	2,513	2,259	360			
10   Total obligations .....	146,735	149,685	73,613			
<b>Financing:</b>						
Receipts and reimbursements from:						
11 Federal funds .....	-3,135	-----	-----			
14 Non-Federal sources .....	-32	-75	-100			
21 Unobligated balance available, start of year .....	-75,682	-29,796	-11,736			
24 Unobligated balance available, end of year .....	29,796	11,736	12,723			
40   Budget authority (appropriation) .....	97,682	131,550	74,500			
Relation of obligations to outlays:						
71 Obligations incurred, net .....	143,568	149,610	73,513			
72 Obligated balance, start of year .....	64,242	124,345	180,018			
74 Obligated balance, end of year .....	-124,345	-180,018	-159,531			
90   Outlays .....	83,465	93,937	94,000			

<sup>1</sup> Selected resources and unobligated balances as of June 30 are as follows:

	1971	1972	1973	1974
<b>Direct program:</b>				
Selected resources: Undelivered orders .....	61,375	124,012	178,431	150,036
Unobligated balance:				
Apportioned .....	73,315	20,491	-----	-----
Reserve for subsequent apportionment .....	577	6,862	11,476	12,723
Total unobligated balance .....	73,892	27,353	11,476	12,723
Total direct selected resources and unobligated balance .....	135,268	151,365	189,907	162,759
<b>Reimbursable program:</b>				
Selected resources: Undelivered orders .....	467	1,364	1,073	213
Unobligated balance:				
Apportioned .....	1,578	1,698	-----	-----
Reserve for subsequent apportionment .....	-----	745	260	-----
Other .....	212	-----	-----	-----
Total unobligated balance .....	1,790	2,443	260	-----
Total reimbursable selected resources and unobligated balance .....	2,257	3,807	1,333	213

This appropriation provides for the acquisition, construction, and improvement of vessels, shore facilities, and aids to navigation.

**Direct program.—1. Vessels.**—The programs under this activity provide for the construction of three inland construction tenders and barges, the replacement of several small utility boats, and the renovation and improvement of several buoy tenders.

**3. Shore stations and navigational aids.**—This activity will include programs to: (a) Replace or renovate existing facilities at 11 various locations; (b) provide housing and barracks facilities for Coast Guard personnel and their dependents where living accommodations are inadequate; and (c) facilitate the survey and design of future construction projects. The lighthouse automation and modernization program (LAMP) will be continued in 1974. Also provided for in this activity are the establishment of and changes to aids to navigation projects marking river and harbor improvements effected by the U.S. Corps of Engineers and other urgent needs. Other programs under the aids to navigation activity provide for the purchase of five large navigational buoys (LNB's) to replace three lightships and one light station. The establishment of Vessel Traffic Systems in New York and New Orleans and augmentation of an existing system in Puget Sound, Wash., will represent significant steps toward improved maritime traffic management, vessel collision avoidance, environmental protection, and increased port safety. In the area of pollution control there are projects that provide for the installation of various pollution abatement systems on board several Coast Guard vessels and shore units to control the discharge of oily and nonoily wastes and polluted air from various spray painting and sandblasting projects.

**4. Repair and supply facilities.**—This activity provides for continued construction of the new Coast Guard Base at Portsmouth, Va., and renovation and consolidation of the Coast Guard Base at Kodiak, Alaska.

**5. Training and recruiting facilities.**—Included in the 1974 training facilities program is the construction of a dining hall at Cape May, N.J.

#### Object Classification (in thousands of dollars)

Identification code 21-15-0240-0-1-502	1972 actual	1973 est.	1974 est.
<b>COAST GUARD</b>			
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	1,413	1,678	1,470
11.3 Positions other than permanent.....	23	23	23
11.5 Other civilian personnel compensation.....	79	50	55
11.7 Military personnel.....	1,147	1,173	1,173
<b>Total personnel compensation.....</b>	<b>2,662</b>	<b>2,924</b>	<b>2,722</b>
<b>Personnel benefits:</b>			
12.1 Civilian.....	134	140	118
12.2 Military personnel.....	310	412	412
21.0 Travel and transportation of persons.....	347	400	456
22.0 Transportation of things.....	72	87	90
23.0 Rent, communications, and utilities.....	25	41	39
24.0 Printing and reproduction.....	26	42	40
25.0 Other services.....	9,295	8,995	9,190
26.0 Supplies and materials.....	4,084	4,000	4,630
31.0 Equipment.....	45,398	45,954	52,089
32.0 Lands and structures.....	27,152	29,994	31,862
42.0 Insurance claims and indemnities.....	36	-----	-----
<b>Total direct costs, funded.....</b>	<b>89,541</b>	<b>92,989</b>	<b>101,648</b>
94.0 Change in selected resources (net of unfunded adjustments).....	54,617	54,419	-28,395
<b>Total direct obligations.....</b>	<b>144,158</b>	<b>147,408</b>	<b>73,253</b>

<b>Reimbursable obligations:</b>			
11.7 Personnel compensation: Military personnel.....	114	48	48
12.2 Personnel benefits: Military personnel.....	32	17	17
21.0 Travel and transportation of persons.....	33	51	24
22.0 Transportation of things.....	132	76	37
23.0 Rent, communications, and utilities.....	1	1	1
24.0 Printing and reproduction.....	8	-----	-----
25.0 Other services.....	472	202	74
26.0 Supplies and materials.....	95	153	73
31.0 Equipment.....	716	1,785	836
32.0 Lands and structures.....	13	217	110
<b>Total reimbursable costs, funded.....</b>	<b>1,616</b>	<b>2,550</b>	<b>1,220</b>
94.0 Change in selected resources.....	897	-291	-860
<b>Total reimbursable obligations.....</b>	<b>2,513</b>	<b>2,259</b>	<b>360</b>
<b>Total obligations, Coast Guard....</b>	<b>146,671</b>	<b>149,667</b>	<b>73,613</b>
<b>ALLOCATION TO GENERAL SERVICES ADMINISTRATION</b>			
25.0 Other services.....	1	-----	-----
32.0 Lands and structures.....	63	18	-----
<b>Total obligations, allocation to General Services Administration.....</b>	<b>64</b>	<b>18</b>	<b>-----</b>
99.0 <b>Total obligations.....</b>	<b>146,735</b>	<b>149,685</b>	<b>73,613</b>

#### Personnel Summary

<b>Direct:</b>			
<b>Military:</b>			
Total number of permanent positions....	139	122	122
Average number.....	109	122	122
<b>Civilian:</b>			
Total number of permanent positions....	136	136	123
Full-time equivalent of other positions....	3	3	3
Average paid employment.....	112	112	116
Average GS grade.....	7.2	7.2	7.2
Average GS salary.....	\$11,196	\$11,230	\$11,451
Average salary of ungraded positions....	\$9,577	\$10,660	\$10,673
<b>Reimbursable:</b>			
<b>Military:</b>			
Total number of permanent positions....	10	4	4
Average number.....	10	4	4

#### ALTERATION OF BRIDGES

For necessary expenses for alteration of obstructive bridges; **[\$12,500,000] \$7,000,000**, to remain available until expended. (14 U.S.C.; 33 U.S.C. 511 et seq.; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed.)

#### Program and Financing (in thousands of dollars)

Identification code 21-15-0244-0-1-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Alteration of bridges (operating costs, funded).....	2,060	6,415	8,500
Change in selected resources <sup>1</sup> .....	6,090	-2,865	-----
10 <b>Total obligations (object class 25.0).....</b>	<b>8,150</b>	<b>3,550</b>	<b>8,500</b>
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-----	-1,600	-10,550
24 Unobligated balance available, end of year.....	1,600	10,550	9,050
40 <b>Budget authority (appropriation)....</b>	<b>9,750</b>	<b>12,500</b>	<b>7,000</b>
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	8,150	3,550	8,500
72 Obligated balance, start of year.....	-----	6,800	4,225
74 Obligated balance, end of year.....	-6,800	-4,225	-4,725
90 <b>Outlays.....</b>	<b>1,350</b>	<b>6,125</b>	<b>8,000</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$6,090 thousand; 1973, \$3,225 thousand; 1974, \$3,225 thousand.

## General and special funds—Continued

## ALTERATION OF BRIDGES—Continued

This appropriation provides for the Government's share of altering or removing railroad and publicly owned highway bridges so as to eliminate obstructions to the free navigation of waters of the United States. The Coast Guard, for the U.S. Government, under the provisions of 33 U.S.C. 511 et seq. (Truman-Hobbs Act), shares in the cost of altering or removing bridges which are deemed to hinder free navigation. Work will continue on four bridges for which alterations have previously been funded.

## RETIRED PAY

For retired pay, including the payment of obligations therefor otherwise chargeable to lapsed appropriations for this purpose, and payments under the Retired Serviceman's Family Protection [Plan] and Survivor Benefit Plans; [\$72,789,000] \$81,000,000. (14 U.S.C.; 10 U.S.C. 1164, 1166, 1201, 1202, 1204, 1205, 1263, 1293, 1305, 1431-1455; 33 U.S.C. 763-763a-2, 765, 771, 772; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-15-0241-0-1-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Regular military personnel.....	67,937	70,743	78,999
2. Former Lighthouse Service personnel.....	1,751	1,650	1,615
3. Reserve personnel.....	1,075	1,213	1,452
4. Survivor benefit payments.....	243	308	316
Total program costs.....	71,006	73,914	82,382
Unfunded adjustments: Deductions from retired pay.....	-563	-1,125	-1,383
10 Total program costs, funded—obligations (object class 13.0).....	70,442	72,789	81,000
<b>Financing:</b>			
25 Unobligated balance lapsing.....	358		
Budget authority.....	70,800	72,789	81,000
<b>Budget authority:</b>			
40 Appropriation.....	71,371	72,789	81,000
41 Transferred to other accounts.....	-571		
43 Appropriation (adjusted).....	70,800	72,789	81,000
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	70,442	72,789	81,000
72 Obligated balance, start of year.....	104	29	29
74 Obligated balance, end of year.....	-29	-29	-29
77 Adjustments in expired accounts.....	-4		
90 Outlays.....	70,514	72,789	81,000

This appropriation provides for retired pay of military personnel of the Coast Guard and Coast Guard Reserve, members of the former Lighthouse Service, and for annuities payable to beneficiaries of retired military personnel under the Retired Serviceman's Family Protection Plan (10 U.S.C. 1431-1446) and Survivor Benefit Plan (10 U.S.C. 1447-1455).

The actual number on the rolls at the end of 1972 was 14,462 and the number estimated to be on the rolls at the end of 1973 and 1974 is 14,950 and 15,602, respectively. The following tabulation shows the average number of

personnel on the rolls during 1972 compared with estimated numbers for 1973 and 1974.

## AVERAGE NUMBER

Category	1972 actual	1973 estimate	1974 estimate
Enlisted men.....	9,087	9,400	9,798
Commissioned officers.....	2,714	2,761	2,814
Warrant officers.....	1,887	1,959	2,040
Former Lighthouse Service personnel.....	364	339	312
Reserve personnel.....	332	367	416
Total.....	14,384	14,826	15,380

Under the provisions of the Retired Serviceman's Family Protection and Survivor Benefit Plans, retired Coast Guard military personnel who elect to receive reduced amounts of retired pay may provide for monthly payments to their survivors. Appropriation requirements are reduced by the difference between the amount deducted from retired pay and the amount paid as survivors' benefits. The liability for future payments is not funded.

## RETIRED PAY

((Supplemental now requested))

## Program and Financing (in thousands of dollars)

Identification code 21-15-0241-1-1-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Regular military personnel.....		4,373	
2. Former Lighthouse Service personnel.....		85	
3. Reserve personnel.....		53	
10 Total program costs, funded—obligations.....		4,511	
<b>Financing:</b>			
40 Budget authority (proposed supplemental appropriation).....		4,511	
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....		4,511	
90 Outlays.....		4,511	

A narrative statement, describing the purpose of this request, and proposed appropriation language are included in Part III of this volume.

## RESERVE TRAINING

For all necessary expenses for the Coast Guard Reserve, as authorized by law; maintenance and operation of facilities; and supplies, equipment, and services; [\$31,735,000] \$25,000,000: Provided, That amounts equal to the obligated balances against the appropriations for "Reserve training" for the two preceding years shall be transferred to and merged with this appropriation, and such merged appropriation shall be available as one fund, except for accounting purposes of the Coast Guard, for the payment of obligations properly incurred against such prior year appropriations and against this appropriation. (14 U.S.C.; 10 U.S.C. Subtitle A; 37 U.S.C.; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed for \$18,535,000.)

## Program and Financing (in thousands of dollars)

Identification code 21-15-0242-0-1-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Initial training.....	3,317	5,040	3,635
2. Continuing training.....	12,232	12,209	9,797
3. Operation and maintenance of training facilities.....	8,486	8,813	7,789



4. Administration.....	3,733	4,403	3,779
Total program costs, funded.....	27,769	30,465	25,000
Change in selected resources <sup>1</sup> .....	196	-----	-----
10 Total obligations.....	27,964	30,465	25,000
Financing:			
25 Unobligated balance lapsing.....	41	1,270	-----
Budget authority.....	28,005	31,735	25,000
Budget authority:			
40 Appropriation.....	27,434	31,735	25,000
42 Transferred from other accounts.....	571	-----	-----
43 Appropriation (adjusted).....	28,005	31,735	25,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	27,964	30,465	25,000
72 Obligated balance, start of year.....	1,448	1,308	2,738
74 Obligated balance, end of year.....	-1,308	-2,738	-2,738
77 Adjustments in expired accounts.....	-50	-----	-----
90 Outlays.....	28,055	29,035	25,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$58 thousand (1972 adjustments, -\$50 thousand); 1972, \$204 thousand; 1973, \$204 thousand; 1974, \$204 thousand.

The Coast Guard Reserve training program's objective is to provide qualified individuals and trained units to be available for active duty in time of war or national emergency, and to augment regular forces during domestic emergencies and natural disasters. The Reserve program consists of four activities as follows:

1. *Initial training.*—Direct costs associated with officer trainees performing 1 year's initial training duty and enlisted trainees performing 5 to 11 months' initial training duty are programed under this activity. The officer trainees receive 4 months of officer candidate school and 8 months' duty in an operating unit. The 5- to 11-month enlisted trainees attend class A school and the period of initial training duty is governed by the length of the class A school plus recruit training.

2. *Continuing training.*—Direct costs of officer and enlisted trainees for drill, annual active duty for training, and extended active duty for training to augment regular forces are programed under this activity.

3. *Operation and maintenance of training facilities.*—All costs for the operation and maintenance of Reserve training facilities are programed under this activity. Included are the costs of a training vessel, the prorated share of the cost of joint usage of Coast Guard and other Armed Forces facilities, the cost of providing station-keeper support to the organized Reserve training units, and the procurement of training aids and facilities (under \$50 thousand).

4. *Administration.*—This activity encompasses all administrative costs of the Reserve training program.

## MAN-DAYS OF TRAINING

	1971 actual	1972 actual	1973 estimate	1974 estimate
1. Initial training: Active duty and/or active duty for training.....	15,662	223,707	260,935	230,250
2. Continuing training:				
Selected Reserve (with pay):				
Active duty for training.....	171,849	141,292	125,996	110,500
Drills (12 to 48 per year).....	577,099	487,460	455,319	352,256

## Other Ready Reserve (without pay):

Drill training.....	20,231	17,273	14,200	14,200
Active duty for training.....	2,825	760	900	900

## FORCE LEVELS (end of year)

Ready Reserve.....	22,739	21,205	21,300	21,800
Selected Reserve (included).....	(12,834)	(11,828)	(11,800)	(10,500)

## Object Classification (in thousands of dollars)

Identification code 21-15-0242-0-1-502	1972 actual	1973 est.	1974 est.
Personnel compensation:			
11.1 Permanent positions.....	1,252	1,088	956
11.3 Positions other than permanent.....	37	37	37
11.5 Other personnel compensation.....	3	3	3
11.7 Military personnel.....	20,301	22,591	18,096
Total personnel compensation.....	21,593	23,719	19,092
Personnel benefits:			
12.1 Civilian.....	112	100	85
12.2 Military personnel.....	820	876	439
21.0 Travel and transportation of persons.....	913	982	934
22.0 Transportation of things.....	208	215	215
23.0 Rent, communications, and utilities.....	467	520	573
24.0 Printing and reproduction.....	167	215	215
25.0 Other services.....	1,605	1,804	1,421
26.0 Supplies and materials.....	1,597	1,675	1,667
31.0 Equipment.....	242	287	287
42.0 Insurance claims and indemnities.....	45	72	72
Total costs, funded.....	27,769	30,465	25,000
94.0 Change in selected resources.....	196	-----	-----
99.0 Total obligations.....	27,964	30,465	25,000

## Personnel Summary

Military:			
Total number of permanent positions.....	892	758	758
Average number.....	892	892	758
Civilian:			
Total number of permanent positions.....	147	147	120
Full-time equivalent of other positions.....	9	9	9
Average paid employment.....	149	135	119
Average GS grade.....	7.2	7.2	7.2
Average GS salary.....	\$11,196	\$11,230	\$11,451
Average salary of ungraded positions.....	\$9,577	\$10,660	\$10,673

## RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

For necessary expenses, not otherwise provided for, for basic and applied scientific research, development, test, and evaluation; maintenance, rehabilitation, lease, and operation of facilities and equipment, as authorized by law; **[\$17,500,000] \$17,000,000**, to remain available until expended. (14 U.S.C.; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed for \$1,345,000.)

## Program and Financing (in thousands of dollars)

Identification code 21-15-0243-0-1-502	1972 actual	1973 est.	1974 est.
Program by activities:			
Direct program:			
1. Search and rescue.....	1,483	1,220	400
2. Aids to navigation.....	2,000	2,853	1,768
3. Marine safety.....	917	1,416	3,668
4. Maritime environmental protection.....	3,183	7,981	10,952
5. Ocean operations.....	482	164	-----
6. Program support.....	2,164	3,485	3,212
Total direct program costs, funded.....	10,229	17,119	20,000

## General and special funds—Continued

## RESEARCH, DEVELOPMENT, TEST, AND EVALUATION—Continued

## Program and Financing (in thousands of dollars)—Continued

Identification code 21-15-0243-0-1-502	1972 actual	1973 est.	1974 est.
Change in selected resources <sup>1</sup> .....	7,248	-2,000	-----
Total direct obligations.....	17,477	15,119	20,000
Reimbursable program:			
1. Search and rescue.....	126	227	-----
3. Marine safety.....	-----	150	-----
Total reimbursable program costs, funded.....	126	377	-----
Change in selected resources <sup>1</sup> .....	-26	-27	-----
Total reimbursable obligations.....	100	350	-----
10 Total obligations.....	17,577	15,469	20,000
Financing:			
11 Receipts and reimbursements from:			
Federal funds.....	-100	-350	-----
21 Unobligated balance available, start of year	-3,595	-618	-3,000
24 Unobligated balance available, end of year	618	3,000	-----
40 Budget authority (appropriation)...	14,500	17,500	17,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	17,477	15,119	20,000
72 Obligated balance, start of year.....	4,779	11,977	9,340
74 Obligated balance, end of year.....	-11,977	-9,340	-9,340
90 Outlays.....	10,279	17,756	20,000
<sup>1</sup> Selected resources as of June 30 are as follows:			
Direct program:	1971	1972	1973
Undelivered orders.....	3,770	11,018	9,018
Reimbursable program:			
Undelivered orders.....	54	27	-----

1. *Search and rescue.*—Activities in this program area are to complete development of the distress alerting and location system and to continue efforts in helicopter sensors and the safe, rapid recovery system for helicopter operations aboard our ships.

2. *Aids to navigation.*—Activities under this program are designed to: Reduce the system costs, and the likelihood of collision and grounding of vessels, thereby obviating legal suits against the Government.

A major activity in 1974 will be the initial field test of an experimental precision navigation system developed in prior years for rivers and harbors.

Buoy system activities will include: Continued development and testing of improved buoy types, mooring concepts, nonpolluting power sources and light sources.

3. *Marine safety.*—Activities in this program area provide technical knowledge to support regulations and, in particular, recent legislation such as title II of the Ports and Waterways Safety Act of 1972 and the Federal Boat Safety Act of 1971.

The 1974 activities in commercial vessel safety include: Extension of the spill risk project to identify the critical factors and the corrective actions necessary to reduce the potential for and hazards from spills; materials research and model test of a membrane system for isolating cargo from ballast water; analysis and testing of special cargoes, equipment and systems carried or used on vessels carrying hazardous material; continued development of improved fire and survival safety systems; and research to establish

regulations for vessel maneuvering and stopping distances, as well as ship design, construction and operations.

Activities in support of boating safety include: Development and testing of improved life jackets; and research and limited tests of critical boat stability, construction, materials, and performance factors.

4. *Maritime environmental protection.*—1974 efforts will continue work initiated in prior years. These activities support new legislative responsibilities given the Coast Guard.

Development of the vessel traffic system in San Francisco will continue with primary efforts on system automation (computerization), reliability, and maintainability. Work will also be conducted to develop improved displays, and alternate (nonradar) vessel traffic system concepts.

Pollution response activities include: Full-scale testing of the high seas oil recovery systems, development of specifications for fast current cleanup systems; preliminary concepts for Arctic oil spill response systems; development of concepts and specifications for high speed surface delivery cleanup system; and implementation of the chemical hazardous materials response information system (CHRIS).

Pollution prevention and enforcement efforts include: Test and evaluation of airborne oil detection systems; and continued research and testing of "in situ" pollutant surveillance and monitoring devices.

In-house abatement work will focus on: Shipboard testing of prototype 50-man and 20-man sewage treatment systems; completion of feasibility studies of shipboard oil-water separators; and development of portable vessel air pollution monitors.

5. *Ocean operations.*—No activity funded in this area.

6. *Program support.*—This area provides support for the administrative and project management personnel at Coast Guard headquarters; and for the administration, operation, maintenance, and personnel costs at the Coast Guard Research and Development Center, Groton, Conn. Research and development activities at the Center will be primarily directed towards projects in the maritime environmental protection and boating safety areas.

## Object Classification (in thousands of dollars)

Identification code 21-15-0243-0-1-502	1972 actual	1973 est.	1974 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	727	1,114	1,205
11.3 Positions other than permanent.....	69	68	68
11.5 Other civilian personnel compensation.....	3	3	3
11.7 Military personnel.....	801	921	921
Total personnel compensation.....	1,600	2,106	2,197
Personnel benefits:			
12.1 Civilian.....	59	89	96
12.2 Military personnel.....	228	424	424
21.0 Travel and transportation of persons.....	201	472	475
22.0 Transportation of things.....	9	30	30
23.0 Rent, communications, and utilities.....	10	20	30
24.0 Printing and reproduction.....	24	33	35
25.0 Other services.....	6,262	10,905	13,253
26.0 Supplies and materials.....	169	200	300
31.0 Equipment.....	1,667	2,740	3,060
32.0 Lands and structures.....	-----	100	100
Total direct costs.....	10,229	17,119	20,000
94.0 Change in selected resources.....	7,248	-2,000	-----
Total direct obligations.....	17,477	15,119	20,000

Reimbursable obligations:			
25.0	Other services.....	119	354
26.0	Supplies and materials.....	2	8
31.0	Equipment.....	5	15
<hr/>			
	Total reimbursable costs.....	126	377
94.0	Change in selected resources.....	-26	-27
<hr/>			
	Total reimbursable obligations.....	100	350
<hr/>			
99.0	Total obligations.....	17,577	15,469
			20,000

## Personnel Summary

Military:			
	Total number of permanent positions.....	90	99
	Average number.....	90	99
<hr/>			
Civilian:			
	Total number of permanent positions.....	71	107
	Full-time equivalent of other positions.....	5	5
	Average paid employment.....	50	82
	Average GS grade.....	7.2	7.2
	Average GS salary.....	\$11,196	\$11,230
	Average salary of ungraded positions.....	\$9,577	\$10,660
			\$10,673

## STATE BOATING SAFETY ASSISTANCE

For financial assistance for State boating safety programs in accordance with the provisions of the Federal Boat Safety Act of 1971 (Public Law 92-75), \$4,500,000, to remain available until expended. (14 U.S.C.; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-15-0246-0-1-502			
	1972 actual	1973 est.	1974 est.
<hr/>			
Program by activities:			
	State boating safety assistance (operating costs, funded).....	2,325	5,176
	Change in selected resources <sup>1</sup> .....	152	-152
10	Total obligations (object class 41.0).....	2,476	5,024
<hr/>			
Financing:			
21	Unobligated balance available, start of year.....		-524
24	Unobligated balance available, end of year.....	524	
40	Budget authority (appropriation).....	3,000	4,500
<hr/>			
Relation of obligations to outlays:			
71	Obligations incurred, net.....	2,476	5,024
72	Obligated balance, start of year.....		152
74	Obligated balance, end of year.....	-152	-676
90	Outlays.....	2,325	4,500

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$152 thousand; 1973, \$0; 1974, \$0.

This appropriation provides financial assistance for State boating safety programs as authorized by the Federal Boat Safety Act of 1971 (Public Law 92-75).

The act provides for a coordinated national boating safety program to improve boating safety and to foster greater development, use, and enjoyment of all the waters of the United States by encouraging and assisting participation by the several States, the boating industry, and the boating public in development of more comprehensive boating safety programs.

The act authorizes appropriations through 1976, prescribes the manner in which funds are to be allocated among the eligible States, prescribes the level of matching State funds, and also permits allocation of not more than 5 per centum of funds appropriated in any fiscal year for national boating safety activities of one or more national nonprofit public service organizations.

## OIL POLLUTION FUND

## Program and Financing (in thousands of dollars)

Identification code 21-15-5168-0-2-502			
	1972 actual	1973 est.	1974 est.
<hr/>			
Program by activities:			
	Operating costs, funded.....	397	6,000
	Change in selected resources <sup>1</sup> .....	495	
10	Total obligations.....	892	6,000
<hr/>			
Financing:			
21	Unobligated balance available, start of year.....	-19,759	-19,179
24	Unobligated balance available, end of year.....	19,179	18,179
60	Budget authority (appropriation) (permanent, indefinite, special fund).....	312	5,000
<hr/>			
Relation of obligations to outlays:			
71	Obligations incurred, net.....	892	6,000
72	Obligated balance, start of year.....	12	557
74	Obligated balance, end of year.....	-557	-1,557
90	Outlays.....	347	5,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$5 thousand; 1972, \$500 thousand; 1973, \$500 thousand; 1974, \$500 thousand.

This fund was established under section 311(k) of the Federal Water Pollution Control Act, as amended by Public Law 92-500, to insure immediate cleanup of oil or other hazardous polluting substances spilled into the navigable waters of the United States, adjoining shorelines, or waters of the contiguous zone. The fund will be used when a spill occurs and the responsible vessel owner or facility operator (whether in the public or private sector) is not in a position to accomplish immediate cleanup with his own resources. Expenditures from the fund will later be reimbursed by the responsible owner or operator (whether in the public or private sector). In addition, all fines and civil penalties assessed under section 311 of the Federal Water Pollution Control Act, as amended, will be deposited into the fund.

## Object Classification (in thousands of dollars)

Identification code 21-15-5168-0-2-502			
	1972 actual	1973 est.	1974 est.
<hr/>			
21.0	Travel and transportation of persons.....	6	
25.0	Other services.....	387	6,000
26.0	Supplies and materials.....	4	
<hr/>			
	Total costs, funded.....	397	6,000
94.0	Change in selected resources.....	495	
99.0	Total obligations.....	892	6,000

## Intragovernmental funds:

## COAST GUARD SUPPLY FUND

## Program and Financing (in thousands of dollars)

Identification code 21-15-4535-0-4-502			
	1972 actual	1973 est.	1974 est.
<hr/>			
Program by activities:			
	Operating costs, funded: Cost of goods sold.....	31,830	32,294
	Change in selected resources <sup>1</sup> .....	-119	1,785
10	Total obligations (object class 26.0).....	31,711	34,079

<sup>1</sup> Selected resources as of June 30 are as follows:

	1971	1972	1973	1974
Stores.....	10,125	9,929	11,739	11,699
Undelivered orders.....	1,901	1,978	1,953	1,944
Total selected resources.....	12,026	11,907	13,692	13,643

## Intragovernmental funds—Continued

## COAST GUARD SUPPLY FUND—Continued

## Program and Financing (in thousands of dollars)—Continued

Identification code 21-15-4535-0-4-502	1972 actual	1973 est.	1974 est.
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds:			
Revenue.....	-29,391	-30,969	-30,615
Change in unfilled customers' orders on hand.....	-406	263	-40
14 Non-Federal sources.....	-2,494	-3,022	-3,022
21 Unobligated balance available, start of year.....	-754	-1,334	-983
24 Unobligated balance available, end of year.....	1,334	983	1,087
<b>Budget authority.....</b>			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-580	351	-104
72 Obligated balance, start of year.....	1,896	1,247	1,598
74 Obligated balance, end of year.....	-1,247	-1,598	-1,468
90 Outlays.....	69		26

The Coast Guard supply fund, in accordance with 14 U.S.C. 650, finances the procurement of uniform clothing; commissary provisions; general stores; technical material; and fuel for vessels over 200 feet in length. The fund is financed by reimbursements from sale of goods.

Activity of approximately \$34 million in this fund in 1974 is divided 11% for uniform clothing; 60% for commissary provisions; and 29% for general stores, technical material, and fuel.

Higher sales in 1973 and 1974 in clothing, commissary provisions and fuel are expected as a result of increases in the number of recruits and assumption of inventory control at Coast Guard Base, Kodiak, Alaska. General stores and technical material sales are expected to decrease due to increased emphasis on utilization of other government agencies for supply support.

## COAST GUARD YARD FUND

## Program and Financing (in thousands of dollars)

Identification code 21-15-4743-0-4-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Operating costs, funded:			
Cost of goods sold.....	4,834	8,103	5,098
Other.....	13,779	14,763	15,342
Total operating costs.....	18,613	22,866	20,440
Capital outlay, funded: Purchase of equipment.....	184	180	190
Total program costs, funded.....	18,797	23,046	20,630
Change in selected resources <sup>1</sup> .....	6,910	-5,949	1,800
10 Total obligations.....	25,707	17,097	22,430
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds:			
Sale of goods and services.....	-18,753	-23,028	-20,649
Change in unfilled customers' orders on hand.....	-7,325	6,517	-2,509
14 Non-Federal sources:			
Sale of scrap and excess material.....	-40	-40	-45
Proceeds from sale of equipment.....	-7	-10	-9

21	Unobligated balance available, start of year	-3,128	-3,546	-3,009
24	Unobligated balance available, end of year	3,546	3,009	3,792

## Budget authority.....

Relation of obligations to outlays:				
71	Obligations incurred, net.....	-419	537	-782
72	Obligated balance, start of year.....	2,752	8,884	7,421
74	Obligated balance, end of year.....	-8,884	-7,421	-5,639
90	Outlays.....	-6,551	2,000	1,000

<sup>1</sup> Selected resources as of June 30 are as follows:

	1971 actual	1972 actual	1973 estimate	1974 estimate
Commodities for sale.....	2,874	2,617	3,001	3,201
Undelivered orders.....	1,066	8,233	1,900	3,500
Total selected resources.....	3,940	10,850	4,901	6,701

This fund finances industrial operations of the Coast Guard Yard, Curtis Bay, Md. (14 U.S.C.). The Yard finances its operations out of advances received from Coast Guard appropriations and other agencies for all direct and indirect costs.

## ANALYSIS BY TYPE OF WORK

(Percent)

	1971 actual	1972 actual	1973 estimate	1974 estimate
Vessel repairs and alterations.....	48	58	59	58
Vessel construction.....	19	5	6	7
Boat repairs and construction.....	10	12	11	15
Buoy fabrication.....	3	3	3	3
Fabrication of special items.....	10	11	5	5
Miscellaneous.....	10	11	16	12
Total.....	100	100	100	100

## Object Classification (in thousands of dollars)

Identification code 21-15-4743-0-4-502	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	9,403	10,300	10,529
11.3 Positions other than permanent.....	16	17	17
11.5 Other civilian personnel compensation.....	1,142	1,203	1,203
11.7 Military personnel.....	261	274	277
Total personnel compensation.....	10,822	11,794	12,025
<b>Personnel benefits:</b>			
12.1 Civilian.....	888	947	984
12.2 Military personnel.....	70	73	74
21.0 Travel and transportation of persons.....	26	26	26
22.0 Transportation of things.....	222	225	235
23.0 Rent, communications, and utilities.....	519	580	595
24.0 Printing and reproduction.....	7	7	7
25.0 Other services.....	628	705	770
26.0 Supplies and materials.....	5,437	8,509	5,724
31.0 Equipment.....	178	180	190
Total costs, funded.....	18,797	23,046	20,630
94.0 Change in selected resources.....	6,910	-5,949	1,800
99.0 Total obligations.....	25,707	17,097	22,430

## Personnel Summary

<b>Military:</b>			
Total number of permanent positions.....	30	36	36
Average number.....	30	30	30
<b>Civilian:</b>			
Total number of permanent positions.....	1,118	1,138	1,033
Full-time equivalent of other positions.....	3	3	3
Average paid employment.....	968	1,003	983
Average GS grade.....	7.2	7.2	7.2
Average GS salary.....	\$11,196	\$11,230	\$11,451
Average salary of ungraded positions.....	\$9,577	\$10,660	\$10,673

**Trust Funds****COAST GUARD GENERAL GIFT FUND (TRUST ACCOUNT)****Program and Financing (in thousands of dollars)**

Identification code 21-15-8533-0-7-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Training and morale (program costs, funded).....	25	30	30
Change in selected resources <sup>1</sup> .....	-4	-----	-----
10 Total obligations.....	21	30	30
<b>Financing:</b>			
21 Unobligated balance available, start of year:			
Treasury balance.....	-9	-7	-7
U.S. securities (par).....	-10	-10	-10
24 Unobligated balance available, end of year:			
Treasury balance.....	7	7	7
U.S. securities (par).....	10	10	10
60 Budget authority (appropriation) (permanent, indefinite).....	20	30	30
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	21	30	30
72 Obligated balance, start of year.....	9	5	5
74 Obligated balance, end of year.....	-5	-5	-5
90 Outlays.....	24	30	30

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$9 thousand; 1972, \$5 thousand; 1973, \$5 thousand; 1974, \$5 thousand.

This trust fund, maintained from gifts and bequests, is used for purposes as specified by the donor in connection with the Coast Guard training program (10 U.S.C. 2601).

**Object Classification (in thousands of dollars)**

Identification code 21-15-8533-0-7-502	1972 actual	1973 est.	1974 est.
25.0 Other services.....	15	16	17
26.0 Supplies and materials.....	5	9	8
31.0 Equipment.....	5	5	5
Total costs, funded.....	25	30	30
94.0 Change in selected resources.....	-4	-----	-----
99.0 Total obligations.....	21	30	30

**COAST GUARD SURCHARGE COLLECTIONS, SALES OF COMMISSARY STORES (TRUST REVOLVING FUND)****Program and Financing (in thousands of dollars)**

Identification code 21-15-8420-0-8-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Operation and maintenance (costs—obligations).....	41	50	52
<b>Financing:</b>			
14 Receipts and reimbursements from: Non-Federal sources.....	-67	-50	-52
21 Unobligated balance available, start of year.....	-19	-45	-45
24 Unobligated balance available, end of year.....	45	45	45
<b>Budget authority.....</b>	-----	-----	-----
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	-26	-----	-----
72 Obligated balance, start of year.....	1	-----	-----
90 Outlays.....	-26	-----	-----

The trust revolving fund is used to finance expenses incurred in connection with the operation of the Coast Guard commissary stores at Coast Guard Base, Governors Island, N.Y.; Coast Guard Training Center, Petaluma, Calif.; and Coast Guard Base, Kodiak, Alaska. Revenue is derived from a surcharge placed on sales to authorized store patrons (14 U.S.C. 487).

**Object Classification (in thousands of dollars)**

Identification code 21-15-8420-0-8-502	1972 actual	1973 est.	1974 est.
23.0 Rent, communications, and utilities.....	12	14	15
25.0 Other services.....	11	11	11
26.0 Supplies and materials.....	13	18	19
31.0 Equipment.....	5	7	7
99.0 Total obligations.....	41	50	52

**COAST GUARD CADET FUND (TRUST REVOLVING FUND)****Program and Financing (in thousands of dollars)**

Identification code 21-15-8428-0-8-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Operating costs, funded.....	2,847	3,516	3,691
2. Capital outlays—Purchase of non-Federal securities.....	62	26	26
10 Total program costs, funded—obligations.....	2,909	3,542	3,717
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	-3,187	-3,335	-3,491
14 Non-Federal sources.....	-138	-181	-181
21 Unobligated balance available, start of year:			
Treasury balance.....	-202	-622	-596
U.S. securities (par).....	-26	-22	-22
24 Unobligated balance available, end of year:			
Treasury balance.....	622	596	551
U.S. securities (par).....	22	22	22
<b>Budget authority.....</b>	-----	-----	-----
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	-416	26	45
72 Obligated balance, start of year.....	50	-----	-----
72 Receivables in excess of obligations, start of year.....	-----	-110	-79
74 Receivables in excess of obligations, end of year.....	110	79	187
90 Outlays.....	-256	-5	153

The Coast Guard cadet fund is utilized by the Superintendent of the Coast Guard Academy to receive, plan, control, and expend personal funds of Coast Guard cadets. By use of the fund each cadet is assured funds to meet personal expenses while at the Academy and an adequate balance in his account at graduation for officer outfits, civilian clothing, and graduation leave expenses. The fund also receives and expends funds of the Coast Guard Academy Athletic Association.

**Object Classification (in thousands of dollars)**

Identification code 21-15-8428-0-8-502	1972 actual	1973 est.	1974 est.
21.0 Travel and transportation of persons.....	30	35	35
24.0 Printing and reproduction.....	3	3	3
25.0 Other services.....	1,506	1,862	1,955
26.0 Supplies and materials.....	1,308	1,616	1,698
33.0 Investments and loans.....	62	26	26
99.0 Total obligations.....	2,909	3,542	3,717

## FEDERAL AVIATION ADMINISTRATION

The following table briefly depicts the source of funding for all Federal Aviation Administration programs for which more detail is furnished in the ensuing budget schedules.

	[Dollars in millions]		
	1972	1973	1974
Budget authority:			
Operations.....	989	1,172	1,225
Trust fund portion.....	(989)	---	---
Facilities and equipment.....	302	303	250
Trust fund portion.....	(302)	(303)	(250)
Research, engineering and development.....	78	66	70
Trust fund portion.....	(63)	(66)	(70)
Grants-in-aid for airports.....	15	15	563
Trust fund portion.....	(15)	(15)	(563)
Civil supersonic aircraft.....	59	---	---
Federal payment to the airport and airway trust fund (intragovernmental payment).....	(647)	(73)	---
Safety regulation.....	160	---	---
National Capital Airports.....	16	15	18
U.S. International Aeronautical Exposition.....	2	---	---
<b>Total net.....</b>	<b>1,621</b>	<b>1,571</b>	<b>2,126</b>
Outlays:			
Operations.....	1,000	1,123	1,217
Trust fund portion.....	(1,000)	(73)	(12)
Facilities and equipment.....	224	221	252
Trust fund portion.....	(224)	(221)	(252)
Research, engineering and development.....	59	60	69
Trust fund portion.....	(58)	(51)	(65)
Grants-in-aid for airports.....	105	220	234
Trust fund portion.....	(105)	(220)	(234)
Civil supersonic aircraft.....	91	17	15
Federal payment to the airport and airway trust fund (intragovernmental payment).....	(647)	(73)	---
Safety regulation.....	125	24	3
National Capital Airports.....	15	19	22
U.S. International Aeronautical Exposition.....	3	1	---
Aviation war risk insurance revolving fund.....	-3	-2	-1
<b>Total net.....</b>	<b>1,619</b>	<b>1,683</b>	<b>1,811</b>

## Federal Funds

## General and special funds:

## OPERATIONS

For necessary expenses of the Federal Aviation Administration, not otherwise provided for, including administrative expenses for research and development and for establishment of air navigation facilities, and carrying out the provisions of the Airport and Airway Development Act; purchase of four passenger motor vehicles for replacement only; and purchase and repair of skis and snowshoes; [\$1,150,538,000]; \$1,211,250,000; and for acquisition and modernization of facilities and equipment and service testing in accordance with the provisions of the Federal Aviation Act (49 U.S.C. 1301-1542), including construction of experimental facilities and acquisition of necessary sites by lease or grant, [\$19,200,000] \$13,750,000, to remain available until expended; and for acquisition of screening devices, which devices may be transferred, conveyed, or loaned to air carriers and commercial operators under such terms and conditions as the Federal Aviation Administrator may deem appropriate, for use by such air carriers and commercial operators in complying with Federal requirements for passenger screening systems, \$3,500,000, to remain available until expended; Provided, That there may be credited to this appropriation, funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred in the maintenance and operation of air navigation facilities. (Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 49 U.S.C. 1161-1160; 50 U.S.C. Appendix 1622(g); Convention on International Recognition of Rights in Aircraft, 4 U.S.T. 1830 (1953); 10 U.S.C. 4655; and Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-20-1301-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
1. Operations:			
(a) Operation of traffic control system.....	11,189	530,816	587,014
(b) Installation and materiel services.....	2,500	106,654	120,428
(c) Maintenance of traffic control system.....	5,443	272,098	299,528
(d) Administration of flight standards program.....	2,920	161,436	159,920
(e) Administration of medical programs.....	164	7,382	7,612
(f) Development direction.....	304	13,428	14,636
(g) Administration of airports program.....	397	20,776	22,112
2. Facilities and equipment.....	---	5,841	---
3. Engineering and development.....	---	11,978	13,750
Total direct costs.....	22,917	1,130,409	1,225,000
Change in selected resources <sup>1</sup> .....	-22,917	31,881	---
Total direct obligations.....	---	1,162,290	1,225,000
<b>Reimbursable program:</b>			
1. Operations:			
(a) Operation of traffic control system.....	164	10,276	11,132
(b) Installation and materiel services.....	93	1,468	1,415
(c) Maintenance of traffic control system.....	70	4,254	4,568
(d) Administration of flight standards program.....	117	2,515	2,765
(e) Administration of medical programs.....	---	9	9
(g) Administration of airports program.....	---	309	357
3. Engineering and development.....	---	104	108
Total reimbursable costs.....	444	18,935	20,354
Change in selected resources <sup>1</sup> .....	-444	519	---
Total reimbursable obligations.....	---	19,454	20,354
10 Total obligations <sup>2</sup> .....	---	1,181,744	1,245,354
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	---	-14,790	-14,868
14 Non-Federal sources.....	---	-4,664	-5,486
21 Unobligated balance available, start of year.....	---	---	-4,000
24 Unobligated balance available, end of year.....	---	4,000	4,000
25 Unobligated balance lapsing.....	---	6,000	---
Budget authority.....	---	1,172,290	1,225,000
<b>Budget authority:</b>			
40 Appropriation.....	---	1,173,238	1,225,000
41 Transferred to other accounts.....	---	-948	---
43 Appropriation (adjusted).....	---	1,172,290	1,225,000
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	---	1,162,290	1,225,000
72 Obligated balance, start of year.....	77,625	---	112,290
74 Obligated balance, end of year.....	---	-112,290	-131,798
77 Adjustments in expired accounts.....	164	---	---
90 Outlays.....	77,789	1,050,000	1,205,492
Payment of obligated balance to trust fund.....	(77,789)	---	---

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$23,361 thousand; 1972, \$0; 1973, \$32,400 thousand; 1974, \$32,400 thousand.

<sup>2</sup> Includes capital outlay as follows: 1973, \$8,261 thousand; 1974, \$13,180 thousand.

1. Operations.—(a) Operation of traffic control system.—This activity covers the operation on a daily 24-hour basis of a national system of air traffic management in the

United States and its possessions. With the aid of radar, communications, and other facilities, traffic management personnel at 27 centers monitor and control en route flights of civil and military aircraft conducted under instrument conditions to assure safety and to expedite the flow of traffic. Control towers are operated at 376 major civil airports to guide traffic movements on and in the vicinity of the airports. Some 324 domestic and international flight service stations transmit weather and other information to pilots and relay traffic control data between ground controllers and pilots. The increase in 1974 will provide for increased employment in the controller work force to handle workload growth and to operate newly commissioned air traffic control facilities.

## TRENDS IN VOLUME OF AIR TRAFFIC

Year	Landings and takeoffs at airports with FAA towers (in millions)	Instrument operations at airports with FAA traffic control service (in millions)	General aviation hours flown (in millions)	Revenue passenger miles (in billions)
1968.....	53.0	14.6	23.1	106.6
1969.....	55.9	16.7	24.7	119.8
1970.....	56.2	17.5	25.7	129.0
1971.....	54.2	17.5	25.8	132.4
1972.....	53.6	19.4	26.4	144.2
1973 (estimate).....	56.8	20.3	27.7	162.1
1974 (estimate).....	65.8	22.0	28.8	181.5

(b) *Installation and materiel services.*—This activity covers procurement, contracting and materiel management programs; supply support and leased communications services for the traffic control system; and supply support for agency aircraft except for aircraft related to the research and development programs.

(c) *Maintenance of traffic control system.*—This activity covers the direction and engineering services related to the establishment and improvement of facilities and equipment in the traffic control system; and technical operation and maintenance of a national network of air navigation and traffic control aids in the United States and its possessions. The increase in 1974 will provide for employment increases required in the field maintenance work force to maintain new traffic control and navigation aids planned for commissioning.

(d) *Administration of flight standards program.*—This activity provides for: (1) Monitoring the accuracy of signals emitted from the air navigation aids; and (2) the establishment and enforcement of the civil air regulations which are designed to assure the high standards of safety in aviation. Inspections are made and certificates issued for aircraft, airmen, aircraft operators, and air agencies which meet safety or competency requirements. This program also provides for the management, operation and maintenance of agency aircraft used in facility flight inspection, development of flight procedures, and inspector flight training. Resources are also included under this activity for the conduct of the Federal Government's air transportation security program.

(e) *Administration of medical programs.*—This activity covers the development of regulations governing the physical and mental fitness of airmen and other persons whose health affects safety in flight; the development and supervision of a health and medical program for agency personnel; the administration of an aviation medical research program, the project costs of which are financed under Research, engineering, and development; and the operation of the Civil Aeromedical Institute building.

(f) *Development direction.*—This activity covers the planning, direction and evaluation of the engineering and

development program, the direct project costs of which are financed under the Research, engineering, and development appropriation; and the related administrative support for the operation of the National Aviation Facilities Experimental Center at Atlantic City, N.J.

(g) *Administration of airports program.*—This activity provides for the administration of an airport planning grant program, a development assistance program for the improvement of public airports, and an airports certification program as authorized by the Airport and Airway Development Act of 1970.

2. *Facilities and equipment.*—A proposed amendment to the 1973 appropriation language is included in Part III.

3. *Engineering and development.*—Under the engineering and development activity of this appropriation, there are the following subactivities:

(a) *Aircraft safety.*—This activity covers the development of standards, rules, regulations, and certification for an accident prevention program designed to promote flight safety of civil aircraft by assuring the design, flight performance characteristics, and airworthiness of aircraft.

Development of such antihijacking devices as weapon and explosive detection systems and methods of reducing risk to life resulting from hijackings are contained in this activity.

Environmental programs are also included in this category. Principal efforts are the development of data to support rulemaking decisions, and development of certification standards and criteria to economically minimize the undesired environmental effects on the public. This effort includes a program to investigate the feasibility of achieving significant engine noise reduction through improved design features.

(b) *Aviation medicine.*—This activity provides for conducting an aeromedical engineering and development program to identify and eliminate those physical, physiological, and psychological factors which may jeopardize flight safety.

## Object Classification (in thousands of dollars)

Identification code 21-20-1301-0-1-501	1972 actual	1973 est.	1974 est.
<b>FEDERAL AVIATION ADMINISTRATION</b>			
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	786,317	829,052	
11.3 Positions other than permanent.....	6,233	6,297	
11.5 Other personnel compensation.....	47,370	49,260	
11.8 Special personal services payments.....	468	478	
Total personnel compensation.....	840,388	855,087	
12.1 Personnel benefits: Civilian.....	83,908	91,426	
13.0 Benefits for former personnel.....	143	31	
21.0 Travel and transportation of persons.....	26,291	31,487	
22.0 Transportation of things.....	7,447	7,919	
23.0 Rent, communications, and utilities.....	40,770	48,538	
24.0 Printing and reproduction.....	3,722	3,723	
25.0 Other services.....	9,602	67,969	
26.0 Supplies and materials.....	10,107	36,893	
31.0 Equipment.....	3,208	4,833	
32.0 Lands and structures.....		64	122
42.0 Insurance claims and indemnities.....		25	25
Total costs, funded.....	22,917	1,089,868	1,177,960
94.0 Change in selected resources.....	-22,917	31,881	
Subtotal.....		1,121,749	1,177,960
95.0 Quarters and subsistence charges.....		-954	-945
Total direct obligations.....		1,120,795	1,177,015

## General and special funds—Continued

## OPERATIONS—Continued

## Object Classification (in thousands of dollars)—Continued

Identification code 21-20-1301-0-1-501	1972 actual	1973 est.	1974 est.
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....		11,798	12,460
11.3 Positions other than permanent.....		102	86
11.5 Other personnel compensation.....		876	1,007
Total personnel compensation.....		12,776	13,553
12.1 Personnel benefits: Civilian.....		1,491	1,677
21.0 Travel and transportation of persons.....		603	589
22.0 Transportation of things.....		292	188
23.0 Rent, communications, and utilities.....		431	435
24.0 Printing and reproduction.....		59	77
25.0 Other services.....	70	649	836
26.0 Supplies and materials.....	363	1,755	2,133
31.0 Equipment.....	11	370	358
41.0 Grants, subsidies, and contributions.....		520	520
Total costs, funded.....	444	18,946	20,366
94.0 Change in selected resources.....	-444	519	
Subtotal.....		19,465	20,366
95.0 Quarters and subsistence charges.....		-11	-12
Total reimbursable obligations.....		19,454	20,354
Total obligations, Federal Aviation Administration.....		1,140,249	1,197,369
<b>ALLOCATION TO DEPARTMENT OF DEFENSE</b>			
23.0 Rent, communications, and utilities.....		41,495	47,985
99.0 Total obligations.....		1,181,744	1,245,354

## Personnel Summary

<b>Direct:</b>			
Total number of permanent positions.....		51,383	52,219
Full-time equivalent of other positions.....		978	960
Average paid employment.....		48,727	49,820
Average GS grade.....		11.0	10.9
Average GS salary.....		\$16,746	\$16,934
Average NM grade.....		10.7	10.8
Average NM salary.....		\$18,352	\$18,503
Average salary of ungraded positions.....		\$10,745	\$11,057
<b>Reimbursable:</b>			
Total number of permanent positions.....		695	707
Full-time equivalent of other positions.....		7	6
Average paid employment.....		684	704
Average GS grade.....		11.5	11.5
Average GS salary.....		\$18,116	\$18,439
Average FC grade.....		10.4	10.4
Average FC salary.....		\$23,055	\$23,710
Average salary of ungraded positions.....		\$10,293	\$10,389

## FACILITIES AND EQUIPMENT

## Program and Financing (in thousands of dollars)

Identification code 21-20-1305-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Payment to trust fund (costs—obligations) (object class 92.0).....	58,958		
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-58,958		
<b>Budget authority.....</b>			

## Relation of obligations to outlays:

71 Obligations incurred, net.....	58,958		
72 Obligated balance, start of year.....	94,783		
90 Outlays.....	153,741		
Payment of unobligated balance to trust fund.....	(58,958)		
Payment of obligated balance to trust fund.....	(94,783)		

This account was phased out in 1972 and the activities authorized under provisions of Public Law 91-258 are shown in the account Facilities and equipment (Airport and airway trust fund) in 1973 and 1974.

## RESEARCH AND DEVELOPMENT

## Program and Financing (in thousands of dollars)

Identification code 21-20-1300-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Systems technology.....	15,033		
2. Payment to trust fund.....	353		
10 Total program costs, funded—obligations.....	15,386		
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-353		
40 Budget authority (appropriation).....	15,033		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	15,386		
72 Obligated balance, start of year.....	14,572	14,416	5,416
74 Obligated balance, end of year.....	-14,416	-5,416	-1,416
90 Outlays.....	15,542	9,000	4,000
Payment of unobligated balance to trust fund.....	(353)		
Payment of obligated balance to trust fund.....	(14,572)		

This appropriation finances the technology and completion program which is defined as the completion of certain projects incident to the significant advancements in aircraft technology and of benefit to the Government and private industry.

The aircraft technology effort was comprised of testing, analyses, test results, and documentation. More specifically, activities included titanium metallurgy, flutter phenomena studies, improved instrumentation and control development, new concepts of generating electrical power, and various noise reduction techniques studies.

## Object Classification (in thousands of dollars)

Identification code 21-20-1300-0-1-501	1972 actual	1973 est.	1974 est.
25.0 Other services.....	15,033		
92.0 Undistributed (payment to trust fund).....	353		
99.0 Total obligations.....	15,386		

## CIVIL SUPERSONIC AIRCRAFT DEVELOPMENT

## Program and Financing (in thousands of dollars)

Identification code 21-20-1358-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Civil supersonic aircraft research and development (costs—obligations) (object class 25.0).....		800	2,153



<b>Financing:</b>			
17 Recovery of prior year obligations .....	-53		
21 Unobligated balance available, start of year .....	-2,900	-2,953	-2,153
24 Unobligated balance available, end of year .....	2,953	2,153	
<b>Budget authority .....</b>			
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net .....	-53	800	2,153
72 Obligated balance, start of year .....	73,904	47,121	35,921
74 Obligated balance, end of year .....	-47,121	-35,921	-28,074
90 Outlays .....	26,730	12,000	10,000

This appropriation finances the liquidation of obligations including audit services incurred prior to termination of the supersonic transport development program on March 25, 1971.

CIVIL SUPERSONIC AIRCRAFT DEVELOPMENT TERMINATION

Program and Financing (in thousands of dollars)

Identification code 21-20-0106-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Civil supersonic aircraft development termination (costs—obligations) .....	62,120	4,237	3,575
<b>Financing:</b>			
21 Unobligated balance available, start of year .....	-11,432	-7,812	-3,575
24 Unobligated balance available, end of year .....	7,812	3,575	
40 Budget authority (appropriation) .....	58,500		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net .....	62,120	4,237	3,575
72 Obligated balance, start of year .....	8,253	5,874	5,611
74 Obligated balance, end of year .....	-5,874	-5,611	-4,686
90 Outlays .....	64,499	4,500	4,500

This appropriation finances the termination of the supersonic transport development program. Included in these costs are payment of contractor claims and closeouts, and the necessary administrative costs incidental to the activities.

Object Classification (in thousands of dollars)

Identification code 21-20-0106-0-1-501	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions .....	984	648	623
11.3 Positions other than permanent .....	28		
11.5 Other personnel compensation .....	1	1	1
11.8 Special personal services payments .....	68	42	28
Total personnel compensation .....	1,081	691	652
12.1 Personnel benefits: Civilian .....	82	53	49
21.0 Travel and transportation of persons .....	42	87	57
22.0 Transportation of things .....	2		
23.0 Rent, communications, and utilities .....	10	10	10
24.0 Printing and reproduction .....	2	2	2
25.0 Other services .....	60,901	3,393	2,804
26.0 Supplies and materials .....		1	1
99.0 Total obligations .....	62,120	4,237	3,575

Personnel Summary

Total number of permanent positions .....	34	34	34
Full-time equivalent of other positions .....	1	0	0
Average paid employment .....	41	31	29

Average GS grade .....	12.3	12.2	12.2
Average GS salary .....	\$21,385	\$21,560	\$21,870

FEDERAL PAYMENT TO THE AIRPORT AND AIRWAY TRUST FUND

For payment to the Airport and Airway Trust Fund as provided by section 208(d) of Public Law 91-258, \$48,728,000. (Airport and Airway Development Act of 1970, 49 U.S.C. 1701; Department of Transportation and Related Agencies Appropriation Act, 1973.)

Program and Financing (in thousands of dollars)

Identification code 21-20-1306-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Payment to airport and airway trust fund (costs—obligations) (object class 25.0) .....	646,882	48,728	
<b>Financing:</b>			
40 Budget authority (appropriation) .....	646,882	48,728	
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net .....	646,882	48,728	
90 Outlays .....	646,882	48,728	

The Airport and Airway Revenue Act of 1970 (title II of Public Law 91-258) establishes in the Treasury of the United States an Airport and airway trust fund. Section 208(b) of the act provides that all revenues from aviation user taxes are appropriated to the trust fund. Section 208(d) of the act authorizes additional appropriations to the trust fund as may be required to make expenditures for airport and airway activities conducted by the Federal Aviation Administration which are specifically described under section 208(f) of the act.

This account provides for a definite appropriation in accordance with section 14(e) of the act, equal to the difference between tax revenues estimated to be collected by the Treasury and appropriations enacted and minimum authorizations by the Congress under the Airport and airway trust fund. No payment to the trust fund is required in 1974.

FEDERAL PAYMENT TO AIRPORT AND AIRWAY TRUST FUND

(Supplemental now requested)

Program and Financing (in thousands of dollars)

Identification code 21-20-1306-1-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Payment to Airport and airway trust fund (costs—obligations) .....		24,669	
<b>Financing:</b>			
40 Budget authority (proposed supplemental appropriation) .....		24,669	
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net .....		24,669	
90 Outlays .....		24,669	

A narrative statement, describing the purpose of this request, and proposed appropriation language are included in Part III of this volume.

## General and special funds—Continued

## SAFETY REGULATION

## Program and Financing (in thousands of dollars)

Identification code 21-20-1307-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Operations:			
(a) Installation and materiel services	8,309	555	-----
(b) Administration of flight standards program	112,351	7,496	-----
(c) Administration of medical programs	3,705	247	-----
(d) Development direction	3,588	239	-----
2. Engineering and development	10,456	4,004	1,048
3. Payment to the trust fund	9,000	-----	-----
Total direct program	147,409	12,541	1,048
Reimbursable program:			
2. Engineering and development	98	-----	-----
Total program costs, funded <sup>1</sup>	147,507	12,541	1,048
Change in selected resources <sup>2</sup>	8,168	-8,120	-1,048
10 Total obligations	155,675	4,421	-----
<b>Financing:</b>			
11 Receipts and reimbursements from: Federal funds	-98	-----	-----
21 Unobligated balance available, start of year	-----	-4,421	-----
24 Unobligated balance available, end of year	4,421	-----	-----
Budget authority	159,998	-----	-----
Budget authority:			
40 Appropriation	160,000	-----	-----
41 Transferred to other accounts	-2	-----	-----
43 Appropriation (adjusted)	159,998	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net	155,577	4,421	-----
72 Obligated balance, start of year	1,000	22,084	2,505
74 Obligated balance, end of year	-22,084	-2,505	-----
90 Outlays	134,493	24,000	2,505
Payment to trust fund	(9,000)	-----	-----

<sup>1</sup> Includes capital outlay as follows: 1972, \$328 thousand.<sup>2</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$1,000 thousand; 1972, \$9,168 thousand; 1973, \$1,048 thousand; 1974, \$0.

This account was phased out in 1972 and the activities are shown in the Operations account in 1973 and 1974.

## Object Classification (in thousands of dollars)

Identification code 21-20-1307-0-1-501	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Permanent positions	81,298	-----	-----
11.3 Positions other than permanent	748	-----	-----
11.5 Other personnel compensation	600	-----	-----
11.8 Special personal services payments	395	-----	-----
Total personnel compensation	83,041	-----	-----
12.1 Personnel benefits: Civilian	8,738	-----	-----
13.0 Benefits for former personnel	5	-----	-----
21.0 Travel and transportation of persons	4,718	-----	-----
22.0 Transportation of things	631	-----	-----
23.0 Rent, communications, and utilities	4,670	-----	-----
24.0 Printing and reproduction	1,418	-----	-----
25.0 Other services	30,033	11,159	1,048
26.0 Supplies and materials	2,339	627	-----
31.0 Equipment	2,813	755	-----
32.0 Lands and structures	2	-----	-----
42.0 Insurance claims and indemnities	10	-----	-----
92.0 Undistributed (payment to trust fund)	9,000	-----	-----
Total costs, funded	147,418	12,541	1,048

94.0 Change in selected resources	8,168	-8,120	-1,048
Subtotal	155,586	4,421	-----
95.0 Quarters and subsistence charges	-9	-----	-----
Total direct obligations	155,577	4,421	-----
Reimbursable obligations:			
11.1 Personnel compensation: Permanent positions	81	-----	-----
12.1 Personnel benefits: Civilian	5	-----	-----
21.0 Travel and transportation of persons	1	-----	-----
26.0 Supplies and materials	11	-----	-----
Total reimbursable obligations	98	-----	-----
99.0 Total obligations	155,675	4,421	-----

## Personnel Summary

<b>Direct:</b>			
Total number of permanent positions	5,252	-----	-----
Full-time equivalent of other positions	116	-----	-----
Average paid employment	5,163	-----	-----
Average GS grade	10.5	-----	-----
Average GS salary	\$16,334	-----	-----
Average salary of ungraded positions	\$9,377	-----	-----
<b>Reimbursable:</b>			
Total number of permanent positions	6	-----	-----
Average paid employment	6	-----	-----
Average GS grade	10.2	-----	-----
Average GS salary	\$13,131	-----	-----

## OPERATION AND MAINTENANCE, NATIONAL CAPITAL AIRPORTS

For expenses incident to the care, operation, maintenance, improvement, and protection of the federally owned civil airports in the vicinity of the District of Columbia, including purchase of [two] ten passenger motor vehicles for police type use, for replacement only; purchase, cleaning, and repair of uniforms; and arms and ammunition; [\$12,265,000] \$14,800,000. (Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 54 Stat. 686 as amended by 61 Stat. 94 and 72 Stat. 731; 64 Stat. 770 as amended by 72 Stat. 731; 54 Stat. 1030, 1039; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-20-1332-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Washington National Airport:			
(a) Terminal area	2,156	2,239	3,195
(b) Landing area	1,877	1,950	2,146
(c) Hangar area	570	592	651
(d) Operating area	163	169	186
(e) Other areas	281	292	321
Total	5,047	5,242	6,499
2. Dulles International Airport:			
(a) Terminal area	2,119	2,096	2,664
(b) Landing area	1,836	1,814	1,996
(c) Hangar area	35	35	38
(d) Operating area	1,846	1,824	2,007
(e) Other areas	93	92	101
Total	5,929	5,861	6,806
Total operating costs	10,976	11,103	13,305
Capital outlay, funded:			
1. Washington National Airport	252	408	544
2. Dulles International Airport	181	426	551
Total capital outlay	433	834	1,095
Total direct program costs, funded	11,409	11,937	14,400

Reimbursable program:			
1. Washington National Airport.....	79	58	17
2. Dulles International Airport.....	51	86	91
Total reimbursable program costs, funded.....	130	144	108
Total program costs, funded.....	11,539	12,081	14,508
Change in selected resources: <sup>1</sup>			
1. Washington National Airport.....	13	172	66
2. Dulles International Airport.....	-2	156	334
Total change in selected resources.....	11	328	400
10 Total obligations.....	11,550	12,409	14,908
Financing:			
11 Receipts and reimbursements from: Federal funds.....	-130	-144	-108
25 Unobligated balance lapsing.....	47		
40 Budget authority (appropriation)...	11,467	12,265	14,800
Relation of obligations to outlays:			
71 Obligations incurred, net.....	11,420	12,265	14,800
72 Obligated balance, start of year.....	1,260	1,652	1,835
74 Obligated balance, end of year.....	-1,652	-1,835	-2,035
77 Adjustments in expired accounts.....	121		
90 Outlays.....	11,149	12,082	14,600

<sup>1</sup> Selected resources as of June 30 are as follows:

	1971 actual	1972 actual	1973 estimate	1974 estimate
Washington National Airport:				
Stores.....	147	158	261	261
Undelivered orders.....	325	407	478	550
Accrued annual leave.....	-493	-573	-575	-581
Total selected resources.....	-21	-8	164	230
Dulles International Airport:				
Stores.....	345	350	427	427
Undelivered orders.....	399	422	503	842
Accrued annual leave.....	-413	-443	-445	-450
Total selected resources.....	331	329	485	819

This appropriation finances maintenance, operations, management, and capital outlay costs for equipment and facility projects at the federally owned Washington National and Dulles International Airports which serve the National Capital Area.

The operation of the airports is conducted on a business basis with revenues derived from landing fees, concession activity, and lease arrangements deposited as receipts in the general fund of the Treasury. The direct operating costs and capital outlays are financed by direct appropriation.

Combined revenues of the two airports are expected to exceed the 1974 appropriation request by \$5.7 million and make a significant contribution to the recovery of interest and depreciation charges. In 1974 for the first time, before application of interest and depreciation charges, Dulles International Airport is expected to return an operating profit of \$0.9 million. This will make both airports self-supporting in terms of recovery of direct operating costs through revenues.

The rate structures and concession arrangements are established so as to assure the recovery of operating costs, interest expenses and an appropriate return on the Government's investment during the useful life of the airports. Revenues, however, are expected to grow at a faster rate than expenses.

The following table reflects increase in activity at the airports:

	1972 actual	1973 estimate	1974 estimate
Washington National Airport:			
Passengers.....	10,849,795	11,695,000	11,826,000
Air operations.....	336,558	333,000	341,000
Air cargo (thousand pounds):			
Express.....	19,494	19,300	16,300
Freight.....	80,851	85,000	83,500
Mail.....	80,036	92,800	99,100
Dulles International Airport:			
Passengers.....	2,409,144	2,662,000	3,520,000
Domestic.....	1,995,037	2,202,000	2,991,000
International.....	414,107	460,000	529,000
Air operations.....	202,241	196,900	210,400
Air cargo (thousand pounds):			
Express.....	1,424	1,400	1,500
Freight.....	49,624	60,800	86,700
Mail.....	28,433	26,700	30,800

#### Object Classification (in thousands of dollars)

Identification code 21-20-1332-0-1-501	1972 actual	1973 est.	1974 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	7,051	6,905	8,021
11.3 Positions other than permanent.....	58	43	49
11.5 Other personnel compensation.....	723	684	844
Total personnel compensation.....	7,832	7,632	8,914
12.1 Personnel benefits: Civilian.....	666	656	763
21.0 Travel and transportation of persons.....	17	30	29
22.0 Transportation of things.....	3	9	9
23.0 Rent, communications, and utilities.....	1,046	1,154	1,255
24.0 Printing and reproduction.....	4	8	9
25.0 Other services.....	630	896	1,260
26.0 Supplies and materials.....	734	658	995
31.0 Equipment.....	293	698	845
32.0 Lands and structures.....	181	195	320
42.0 Insurance claims and indemnities.....	3	1	1
Total costs, funded.....	11,409	11,937	14,400
94.0 Change in selected resources.....	11	328	400
Total direct obligations.....	11,420	12,265	14,800
Reimbursable obligations:			
23.0 Rent, communications, and utilities.....	33	34	29
26.0 Supplies and materials.....	85	80	45
31.0 Equipment.....	12	30	34
Total reimbursable obligations.....	130	144	108
99.0 Total obligations.....	11,550	12,409	14,908

#### Personnel Summary

Total number of permanent positions.....	726	726	836
Full-time equivalent of other positions.....	13	8	9
Average paid employment.....	667	650	741
Average GS grade.....	7.1	7.2	6.8
Average GS salary.....	\$11,947	\$12,206	\$11,202
Average salary of ungraded positions.....	\$9,419	\$9,628	\$10,136

#### CONSTRUCTION, NATIONAL CAPITAL AIRPORTS

For necessary expenses for construction at the federally owned civil airports in the vicinity of the District of Columbia, [\$2,600,000,] \$3,400,000, to remain available until expended. (*Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 54 Stat. 686 as amended by 61 Stat. 94 and 72 Stat. 731; 64 Stat. 770 as amended by 72 Stat. 731; 54 Stat. 1030, 1039; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## General and special funds—Continued

## CONSTRUCTION, NATIONAL CAPITAL AIRPORTS—Continued

## Program and Financing (in thousands of dollars)

Identification code 21-20-1333-0-1-501	Costs to this appropriation					Analysis of 1974 financing			
	Total estimate	To June 30, 1971	1972 actual	1973 estimate	1974 estimate	Deduct selected resources and unobligated balance, start of year	Add selected resources and unobligated balance, end of year	Appropriation required, 1974	Appropriation required to complete
<b>Program by activities:</b>									
1. Washington National Airport:									
(a) Terminal area.....	292	72			220			220	
(b) Landing area.....	4,232	577	100	2,955	600		200	800	
(d) Other areas.....	2,913		153	1,455	1,305	725	300	880	
Subtotal.....	7,437	649	253	4,410	2,125	725	500	1,900	
2. Dulles International Airport:									
(a) Terminal area.....	5,516	944	2,878	1,486	208	50	82	240	
(b) Landing area.....	3,691			391	3,300	3,470	170		
(c) Operating area.....	1,107			117	990			990	
(d) Other areas.....	3,288		995	1,916	377	107		270	
Subtotal.....	13,602	944	3,873	3,910	4,875	3,627	252	1,500	
Total program costs, funded.....			4,126	8,320	7,000	4,352	752	3,400	
Change in selected resources <sup>1</sup> .....			348	2,715	-3,600				
10 Total obligations.....			4,474	11,035	3,400				
<b>Financing:</b>									
21 Unobligated balance available, start of year.....			-7,979	-8,435					
24 Unobligated balance available, end of year.....			8,435						
40 Budget authority (appropriation).....			4,930	2,600	3,400				
<b>Relation of obligations to outlays:</b>									
71 Obligations incurred, net.....			4,474	11,035	3,400				
72 Obligated balance, start of year.....			1,297	1,654	6,006				
74 Obligated balance, end of year.....			-1,654	-6,006	-2,406				
90 Outlays.....			4,117	6,683	7,000				

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$1,289 thousand; 1972, \$1,637 thousand; 1973, \$4,352 thousand; 1974, \$752 thousand.

This appropriation finances construction of major improvements to, and expansion of, facilities at Washington National Airport and Dulles International Airport. Projects are undertaken whenever necessary to insure the capability of these airports to adequately, safely, and efficiently meet air travel needs of the public and to promote development of aviation activities in general.

At Washington National Airport, funds are provided for repair of the terminal apron, overlay of taxiways, overlay of Runway 3-21, relocation of a water main, expanding the industrial waste disposal system, and security improvements.

At Dulles International Airport, funds are provided for expanding the airfield pavements, sealing airfield pavement joints, providing weather protection for passengers at the terminal, replacing airfield pavement panels, and security improvements.

All outlays for physical improvements are added to the airports' capital investment and will be subsequently recovered through fees and charges to the tenants and users of the airports, in accordance with established business practices.

Object Classification (in thousands of dollars)			
Identification code 21-20-1333-0-1-501	1972 actual	1973 est.	1974 est.
<b>FEDERAL AVIATION ADMINISTRATION</b>			
Personnel compensation:			
11.1 Permanent positions.....	132	148	135
11.5 Other personnel compensation.....	3	5	4
Total personnel compensation.....	135	153	139
12.1 Personnel benefits: Civilian.....	12	13	13
31.0 Equipment.....	2,615		
32.0 Lands and structures.....	1,364	8,095	6,848
Total costs, funded.....	4,126	8,261	7,000
94.0 Change in selected resources.....	348	2,715	-3,600
Total obligations, Federal Aviation Administration.....	4,474	10,976	3,400
<b>ALLOCATION ACCOUNTS</b>			
32.0 Lands and structures.....		59	
99.0 Total obligations.....	4,474	11,035	3,400

## Obligations are distributed as follows:

Federal Aviation Administration.....	4,474	10,976	3,400
Federal Highway Administration.....		5	
General Services Administration.....		54	

## Personnel Summary

Total number of permanent positions.....	14	14	14
Average paid employment.....	7	8	7
Average GS grade.....	11.2	11.2	11.2
Average GS salary.....	\$16,755	\$16,852	\$16,916

## UNITED STATES INTERNATIONAL AERONAUTICAL EXPOSITION

## Program and Financing (in thousands of dollars)

Identification code 21-20-1302-0-1-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 U.S. International Aeronautical Exposition (costs—obligations).....	8,503	1,147	
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	—1,508		
14 Non-Federal sources.....	—2,650	—921	
21 Unobligated balance available, start of year.....	—2,371	—226	
24 Unobligated balance available, end of year.....	226		
<b>Budget authority.....</b>	<b>2,200</b>		
<b>Budget authority:</b>			
40 Appropriation.....	2,000		
42 Transferred from other accounts.....	200		
<b>43 Appropriation (adjusted).....</b>	<b>2,200</b>		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	4,345	226	
72 Obligated balance, start of year.....	376	1,267	
74 Obligated balance, end of year.....	—1,267		
<b>90 Outlays.....</b>	<b>3,454</b>	<b>1,493</b>	

This exposition has been concluded and therefore this account is being phased out in 1973.

## Object Classification (in thousands of dollars)

Identification code 21-20-1302-0-1-501	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Permanent positions.....	502	16	
11.3 Positions other than permanent.....	28	1	
11.5 Other personnel compensation.....	50	2	
<b>Total personnel compensation.....</b>	<b>580</b>	<b>19</b>	
12.1 Personnel benefits: Civilian.....	39		
21.0 Travel and transportation of persons.....	26	1	
22.0 Transportation of things.....	4	5	
23.0 Rent, communications, and utilities.....	144	10	
24.0 Printing and reproduction.....	2		
25.0 Other services.....	3,546	191	
26.0 Supplies and materials.....	4		
<b>Total direct obligations.....</b>	<b>4,345</b>	<b>226</b>	
<b>Reimbursable obligations:</b>			
21.0 Travel and transportation of persons.....	30		
22.0 Transportation of things.....	2		
23.0 Rent, communications, and utilities.....	39		
25.0 Other services.....	4,081	921	
26.0 Supplies and materials.....	6		
<b>Total reimbursable obligations.....</b>	<b>4,158</b>	<b>921</b>	
<b>99.0 Total obligations.....</b>	<b>8,503</b>	<b>1,147</b>	

## Personnel Summary

Total number of permanent positions.....	20	0	
Full-time equivalent of other positions.....	15	0	
Average paid employment.....	33	0	
Average GS grade.....	11.3		
Average GS salary.....	\$18,248		

## Public enterprise funds:

## AVIATION WAR RISK INSURANCE REVOLVING FUND

The Secretary of Transportation is hereby authorized to make such expenditures, within the limits of funds available pursuant to section 1306 of the Act of August 23, 1958 (49 U.S.C. 1536), and in accordance with section 104 of the Government Corporation Control Act, as amended (31 U.S.C. 849), as may be necessary in carrying out the programs set forth in the budget for the current fiscal year for aviation war risk insurance activities under said Act. (*Department of Transportation Act, 49 U.S.C. 1651 et seq.; 49 U.S.C. 1536; 72 Stat. 800-806; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## Program and Financing (in thousands of dollars)

Identification code 21-20-4120-0-3-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
10 Administrative expenses (costs—obligations).....	44	48	52
<b>Financing:</b>			
Receipts and reimbursements from: Non-Federal sources:			
14 Receipts and reimbursements from: Non-Federal sources.....	—5,668	—2,013	—1,052
21 Unobligated balance available, start of year.....	—4,932	—10,556	—12,521
24 Unobligated balance available, end of year.....	10,556	12,521	13,521
<b>Budget authority.....</b>			
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	—5,624	—1,965	—1,000
72 Receivables in excess of obligations, start of year.....	—1,892	—4,102	—4,102
74 Receivables in excess of obligations, end of year.....	4,102	4,102	4,102
<b>90 Outlays.....</b>	<b>—3,414</b>	<b>—1,965</b>	<b>—1,000</b>

The fund currently provides premium aviation war risk hull insurance, effective immediately, to U.S. international air carriers. Premium binders are also issued to cover aircraft, persons, and property and will become war risk insurance in wartime and in situations short of war; policies covering aircraft, persons, and property which become active insurance upon issuance are available to certain civil air carriers in connection with Government contract operations. Administrative costs are out of fee receipts (49 U.S.C. 1531, as amended; 75 Stat. 210).

Unfunded contingent liability as of October 31, 1972, is estimated at \$65 billion. This amount includes hull insurance and personal and property liability on approximately 627 aircraft insured under this program.

## Revenue and Expense (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Administrative expenses:</b>			
Revenue.....	5,668	2,013	1,052
Expense.....	—44	—48	—52
<b>Net operating income.....</b>	<b>5,624</b>	<b>1,965</b>	<b>1,000</b>

## Public enterprise funds—Continued

## AVIATION WAR RISK INSURANCE REVOLVING FUND—Continued

## Financial Condition (in thousands of dollars)

	1971 actual	1972 actual	1973 est.	1974 est.
<b>Assets:</b>				
Treasury balance.....	4,932	10,556	12,521	13,521
<b>Government equity:</b>				
Retained earnings.....	4,932	10,556	12,521	13,521

## Analysis of Changes in Government Equity (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Retained earnings:</b>			
Start of year.....	4,932	10,556	12,521
Net income for year.....	5,624	1,965	1,000
<b>Total Government equity (end of year)</b>	<b>10,556</b>	<b>12,521</b>	<b>13,521</b>

## Object Classification (in thousands of dollars)

Identification code 21-20-4120-0-3-501	1972 actual	1973 est.	1974 est.
11.1 Personnel compensation: Permanent positions.....	37	37	40
12.1 Personnel benefits: Civilian.....	3	3	4
21.0 Travel and transportation of persons.....	3	5	5
23.0 Rent, communications, and utilities.....	-----	1	1
24.0 Printing and reproduction.....	-----	1	1
26.0 Supplies and materials.....	1	1	1
<b>99.0 Total obligations.....</b>	<b>44</b>	<b>48</b>	<b>52</b>

## Personnel Summary

Total number of permanent positions.....	2	2	2
Average paid employment.....	2	2	2
Average GS grade.....	11.0	11.0	11.0
Average GS salary.....	\$17,275	\$18,250	\$20,075

## Trust Funds

## AIRPORT AND AIRWAY TRUST FUND

## Amounts Available for Appropriation (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unappropriated balance, start of year.....	386,948	227,253	588,000
Revenue: User taxes.....	648,652	771,000	851,000
Transfer of Federal funds unexpended balances:			
Operations.....	77,789	-----	-----
Facilities and equipment.....	153,741	-----	-----
Research and development.....	14,925	-----	-----
Safety regulation.....	9,000	-----	-----
Federal payment to Airport and airway trust fund.....	646,882	48,728	-----
Federal payment to Airport and airway trust fund (proposed supplemental).....	-----	24,669	-----
<b>Total available for appropriation....</b>	<b>1,937,937</b>	<b>1,071,650</b>	<b>1,439,000</b>
<b>Reappropriation:</b>			
Operations.....	-86,789	-----	-----
Facilities and equipment.....	-153,741	-----	-----
Research, engineering and development.....	-14,925	-----	-----

<b>Current appropriations:</b>			
Operations.....	-989,074	-----	-----
Facilities and equipment.....	-301,809	-302,650	-250,000
Research, engineering and development.....	-63,361	-66,000	-70,000
Grants-in-aid for airports:			
Appropriation.....	-15,000	-15,000	-3,000
Appropriation to liquidate contract authority.....	-92,000	-100,000	-200,000
Aviation Advisory Commission.....	-750	-----	-----
<b>Total appropriations.....</b>	<b>-1,717,449</b>	<b>-483,650</b>	<b>-523,000</b>
Unobligated balance returned to unappropriated receipts.....	3,379	-----	-----
Adjustment in expired accounts returned to unappropriated receipts.....	3,386	-----	-----
<b>Unappropriated balance, end of year.....</b>	<b>227,253</b>	<b>588,000</b>	<b>916,000</b>

The Airport and Airway Development Act of 1970 (Public Law 91-258, 84 Stat. 219), provides for the transfer of revenue from the general fund to the Airport and Airway Trust Fund. This revenue is derived from the aviation fuel tax and certain other taxes paid by airport and airway users. The Secretary of the Treasury estimates the amounts to be so transferred. In turn, annual appropriations are authorized from this fund to meet expenditures for Federal-aid airports and airways.

The status of the fund is as follows (in thousands of dollars):

<b>Unexpended balance brought forward:</b>	<b>1972 actual</b>	<b>1973 estimate</b>	<b>1974 estimate</b>
Balance of fund at start of year.....	896,509	1,058,347	1,336,128
<b>Cash income during the year:</b>			
Government receipts:			
From excise taxes:			
Passenger ticket tax.....	517,650	621,000	697,000
Waybill tax.....	26,832	36,000	39,000
Fuel tax.....	37,801	44,000	44,000
International passenger tax.....	44,477	50,000	52,000
Aircraft use tax.....	20,091	19,000	19,000
Aircraft tires and tubes tax.....	3,300	2,000	1,000
Refunds of taxes.....	-1,499	-1,000	-1,000
Intrabudgetary transactions:			
Federal payment from general fund.....	646,882	48,728	-----
Federal payment from general fund (proposed supplemental).....	-----	24,669	-----
Unexpended balances of general fund appropriations.....	255,455	-----	-----
<b>Total annual income.....</b>	<b>1,550,989</b>	<b>844,397</b>	<b>851,000</b>
<b>Cash outgo during the year:</b>			
Federal Aviation Administration:			
Operations.....	1,000,464	73,150	12,003
Grants-in-aid for airports.....	105,483	220,000	234,000
Facilities and equipment.....	224,059	221,200	252,000
Research, engineering, and development.....	58,460	51,110	65,000
Aviation Advisory Commission.....	685	1,156	-----
<b>Total annual outgo.....</b>	<b>1,389,151</b>	<b>566,616</b>	<b>563,003</b>
<b>Unexpended balance carried forward:</b>			
Balance of fund at end of year.....	1,058,347	1,336,128	1,624,125

## GRANTS-IN-AID FOR AIRPORTS (AIRPORT AND AIRWAY TRUST FUND)

For grants-in-aid for airport planning pursuant to section 13 of Public Law 91-258, and for liquidation of obligations incurred for airport development under authority contained in section 14 of Public Law 91-258, to be derived from the Airport and Airway Trust Fund and to remain available until expended, [\$115,000,000] \$203,000,000, of which [\$15,000,000] \$3,000,000 shall be for airport planning grants. (Airport and Airway Development Act of 1970, 49 U.S.C. 1701; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-20-8106-0-7-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Grants for planning.....	9,043	15,000	15,000
2. Grants for construction (ADAP)...	280,000	280,000	280,000
3. Grants for construction (FAAP)...	2,649	-----	-----
<b>10 Total costs—obligations (object class 41.0).....</b>	<b>291,692</b>	<b>295,000</b>	<b>295,000</b>
<b>Financing:</b>			
Unobligated balance available, start of year:			
21.40 Appropriation.....	—59,998	—63,306	—63,306
21.49 Contract authority.....	—670,000	—390,000	—110,000
Unobligated balance available, end of year:			
24.40 Appropriation.....	63,306	63,306	51,306
24.49 Contract authority.....	390,000	110,000	390,000
<b>Budget authority.....</b>	<b>15,000</b>	<b>15,000</b>	<b>563,000</b>
<b>Budget authority:</b>			
40 Appropriation.....	107,000	115,000	203,000
40.49 Portion applied to liquidate contract authority.....	—92,000	—100,000	—200,000
<b>43 Appropriation (adjusted).....</b>	<b>15,000</b>	<b>15,000</b>	<b>3,000</b>
<b>49 Contract authority.....</b>	<b>-----</b>	<b>-----</b>	<b>560,000</b>
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	291,692	295,000	295,000
Obligated balance, start of year:			
72.40 Appropriation.....	131,690	129,899	24,899
72.49 Contract authority.....	110,000	298,000	478,000
Obligated balance, end of year:			
74.40 Appropriation.....	—129,899	—24,899	—5,899
74.49 Contract authority.....	—298,000	—478,000	—558,000
<b>90 Outlays.....</b>	<b>105,483</b>	<b>220,000</b>	<b>234,000</b>
<b>Status of Unfunded Contract Authority (in thousands of dollars)</b>			
	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	780,000	688,000	588,000
Contract authority.....	-----	-----	560,000
Unfunded balance, end of year.....	—688,000	—588,000	—948,000
<b>Appropriation to liquidate contract authority.....</b>	<b>92,000</b>	<b>100,000</b>	<b>200,000</b>

Under the Airport and Airway Development Act of 1970 (Public Law 91-258; 84 Stat. 219), grants are made to public agencies in the development and improvement, as well as planning, of public airports. The act authorizes grants for airport development in the total amount of \$295 million annually up through 1975. An amount not to exceed \$15 million is available for planning grants, and the remainder of \$280 million is for airport improvement projects. Projects supported by airport development and improvement grants include construction of runways and taxiways, purchase of land, provision of runway and taxiway light systems, and construction of buildings to house safety equipment. Projects to be supported by airport planning grants include the development of construction plans for regional systems of airports and plans for individual airports.

This request provides for a 1974 program of \$15 million in new planning grants and \$280 million for airport development grants.

Liquidating cash totaling \$200 million is provided to pay for airport development and improvement projects including land acquisition.

## FACILITIES AND EQUIPMENT (AIRPORT AND AIRWAY TRUST FUND)

For necessary expenses, not otherwise provided, for acquisition, establishment, and improvement by contract or purchase, and hire of air navigation and experimental facilities, including initial acquisition of necessary sites by lease or grant; engineering and service testing including construction of test facilities and acquisition of necessary sites by lease or grant; construction and furnishing of quarters and related accommodations for officers and employees of the Federal Aviation Administration stationed at remote localities where such accommodations are not available, [but at a total cost of construction not to exceed \$50,000 per housing unit in Alaska;] and purchase of [five] seventeen aircraft; [\$302,650,000] \$250,000,000, to be derived from the Airport and Airway Trust Fund, to remain available until expended: *Provided*, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred in the establishment and modernization of air navigation facilities: *Provided further*, That no part of the foregoing appropriation shall be available for the construction of a new wind tunnel, or to purchase any land for or in connection with the National Aviation Facilities Experimental Center. (*Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 49 U.S.C. 1507; 49 U.S.C. 1151-1160; Airport and Airway Development Act of 1970, 49 U.S.C. 1701; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## Program and Financing (in thousands of dollars)

Identification code 21-20-8107-0-7-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
1. Air route traffic control centers.....	135,687	119,500	101,547
2. Airport traffic control towers.....	86,285	93,200	76,437
3. Flight service stations.....	1,874	5,600	4,899
4. Air navigation facilities.....	27,962	47,500	21,380
5. Housing, utilities, and miscellaneous facilities.....	5,697	8,537	7,170
6. Aircraft and related equipment.....	750	17,200	35,467
7. Development, test, and evaluation facilities.....	1,124	2,700	3,100
8. Obligations previously incurred.....	94,783	-----	-----
<b>Total direct program.....</b>	<b>354,162</b>	<b>294,237</b>	<b>250,000</b>
<b>Reimbursable program:</b>			
1. Air route traffic control centers.....	1,403	14,300	3,500
2. Airport traffic control towers.....	689	6,925	3,000
4. Air navigation facilities.....	306	3,200	3,000
5. Housing, utilities, and miscellaneous facilities.....	154	1,300	1,139
<b>Total reimbursable program.....</b>	<b>2,552</b>	<b>25,725</b>	<b>10,639</b>
<b>10 Total obligations.....</b>	<b>356,714</b>	<b>319,962</b>	<b>260,639</b>
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	—1,744	—7,159	—4,110
14 Non-Federal sources.....	—808	—18,566	—6,529
21 Unobligated balance available, start of year.....	—97,830	—199,218	—207,631
24 Unobligated balance available, end of year.....	199,218	207,631	207,631
<b>Budget authority.....</b>	<b>455,550</b>	<b>302,650</b>	<b>250,000</b>
<b>Budget authority:</b>			
40 Appropriation.....	301,809	302,650	250,000
50 Reappropriation.....	153,741	-----	-----
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	354,162	294,237	250,000
72 Obligated balance, start of year.....	184,843	314,946	387,983
74 Obligated balance, end of year.....	—314,946	—387,983	—385,983
<b>90 Outlays.....</b>	<b>224,059</b>	<b>221,200</b>	<b>252,000</b>

FACILITIES AND EQUIPMENT (AIRPORT AND  
AIRWAY TRUST FUND)—Continued

Under this appropriation, the Federal airways system is improved by the installation of new equipment and the construction and modernization of facilities to keep pace with aeronautical activity. The appropriation also finances major capital investments required by other agency programs such as aircraft for facility flight inspection and training, and experimental facilities for the engineering and development program. The 1974 estimate will carry forward the program to increase the capacity of the airway system and make its operation safer and more efficient. It provides for the continuation and enhancement of major efforts already underway to provide an automation capability in the air traffic control system. Operating costs of facilities procured under this appropriation are financed under the Operations general fund appropriation.

1. *Air route traffic control centers.*—(a) Long range radar provides FAA air traffic controllers with information on aircraft positions, at distances up to 185 miles, (b) automation equipment covers computers and other devices which aid controllers in handling en route air traffic, (c) other center facilities cover the installation of equipment to provide communications and related services.

2. *Airport traffic control towers.*—(a) Terminal area radar aids traffic control in the vicinity of airports by displaying aircraft positions at distances up to 60 miles, (b) terminal area automation covers computers and other devices which aid controllers in handling terminal air traffic, (c) other tower facilities cover the establishment, improvement and relocation of airport traffic control tower facilities.

3. *Flight service stations.*—(a) Domestic flight service stations and associated facilities provide flight assistance service to pilots, (b) international flight service stations provide long-distance communications for transoceanic flights.

4. *Air navigation facilities.*—(a) Very high frequency omni-directional radio ranges equipped with tactical air navigation capabilities (VORTAC) are standard short-range navigation aids used to define airways and air routes and to provide distance and direction information to pilots, (b) low- and medium-frequency facilities include radio beacons and ranges which provide pilots with direction and weather information, (c) instrument landing systems provide pilots with direction, distance, and glide slope information necessary for making safe approaches to runways under poor visibility conditions, (d) visual aids consist primarily of lighting aids which also assist the pilot in making final approaches to airport runways, particularly in areas where terrain or other environmental factors cause potential hazards to safe landings.

5. *Housing, utilities, and miscellaneous facilities.*—This section includes general support facilities and items not covered elsewhere.

6. *Aircraft and related equipment.*—Provides for facility flight inspection, including aircraft and avionics equipment to inspect the accuracy and other characteristics of navigation and traffic control aids from the air.

7. *Development, test, and evaluation facilities.*—This activity provides for the construction and improvement of plant and facilities at the National Aviation Facilities Experimental Center in Atlantic City, N.J. It also includes the procurement of capital items of equipment for use in the engineering and development program.

## Object Classification (in thousands of dollars)

Identification code 21-20-8107-0-7-501	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	28,670	22,113	23,926
11.3 Positions other than permanent.....	346	715	706
11.5 Other personnel compensation.....	2,263	1,746	2,034
11.8 Special personal services payments.....	60	104	81
<b>Total personnel compensation.....</b>	<b>31,339</b>	<b>24,678</b>	<b>26,747</b>
12.1 Personnel benefits: Civilian.....	2,803	1,878	2,099
21.0 Travel and transportation of persons.....	3,879	4,648	4,350
22.0 Transportation of things.....	1,626	806	765
23.0 Rent, communications, and utilities.....	1,482	625	605
24.0 Printing and reproduction.....	226	265	228
25.0 Other services.....	69,480	43,109	49,306
26.0 Supplies and materials.....	8,773	8,692	8,100
31.0 Equipment.....	106,536	158,032	116,300
32.0 Lands and structures.....	33,233	51,504	41,500
42.0 Insurance claims and indemnities.....	2		
<b>Subtotal.....</b>	<b>259,379</b>	<b>294,237</b>	<b>250,000</b>
96.0 Obligations previously incurred.....	94,783		
<b>Total direct obligations.....</b>	<b>354,162</b>	<b>294,237</b>	<b>250,000</b>
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	479	1,150	1,013
11.5 Other personnel compensation.....	17	67	57
<b>Total personnel compensation.....</b>	<b>496</b>	<b>1,217</b>	<b>1,070</b>
12.1 Personnel benefits: Civilian.....	21	105	96
21.0 Travel and transportation of persons.....	75	118	128
22.0 Transportation of things.....	77	15	11
23.0 Rent, communications, and utilities.....	6	19	14
24.0 Printing and reproduction.....	4	6	7
25.0 Other services.....	209	472	610
26.0 Supplies and materials.....	290	635	422
31.0 Equipment.....	1,329	21,534	6,656
32.0 Lands and structures.....	45	1,604	1,625
<b>Total reimbursable obligations.....</b>	<b>2,552</b>	<b>25,725</b>	<b>10,639</b>
99.0 Total obligations.....	356,714	319,962	260,639

## Personnel Summary

<b>Direct:</b>			
Total number of permanent positions.....	1,886	2,122	1,961
Full-time equivalent of other positions.....	53	23	21
Average paid employment.....	1,892	1,431	1,463
Average GS grade.....	10.4	10.2	10.2
Average GS salary.....	\$15,539	\$15,304	\$15,401
Average salary of ungraded positions.....	\$10,524	\$10,994	\$11,105
<b>Reimbursable:</b>			
Total number of permanent positions.....	98	96	84
Average paid employment.....	40	87	74
Average GS grade.....	10.0	10.1	10.1
Average GS salary.....	\$13,546	\$13,726	\$14,037
Average salary of ungraded positions.....	\$9,970	\$10,055	\$8,867

RESEARCH, ENGINEERING AND DEVELOPMENT (AIRPORT AND AIRWAY  
TRUST FUND)

For necessary expenses, not otherwise provided, for research, engineering and development in accordance with the provisions of the Federal Aviation Act (49 U.S.C. 1301-1542), including construction of experimental facilities and acquisition of necessary sites by lease or grant; \$66,000,000, \$70,000,000, to be derived from the Airport and Airway Trust Fund, to remain available until expended: *Provided*, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred for research, engineering and development. (*Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; Airport and Airway Development Act of 1970, 49 U.S.C. 1701; Department of Transportation and Related Agencies Appropriation Act, 1973.*)



Program and Financing (in thousands of dollars)

Identification code 21-20-8108-0-7-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
1. Air traffic control.....	49,302	39,091	46,919
2. Navigation.....	11,529	15,471	28,558
3. Aviation weather.....	2,159	1,260	3,284
4. Aviation medicine.....	675	1,046	1,239
5. Obligations previously incurred.....	14,572		
Total direct program.....	78,237	56,868	80,000
<b>Reimbursable program:</b>			
1. Air traffic control.....	138	200	300
2. Navigation.....	460	100	300
3. Aviation weather.....	14	10	10
Total reimbursable program.....	612	310	610
10 Total obligations.....	78,849	57,178	80,610
<b>Financing:</b>			
<b>Receipts and reimbursements from:</b>			
11 Federal funds.....	-612	-210	-610
14 Non-Federal sources.....		-100	
21 Unobligated balance available, start of year.....	-819	-868	-10,000
24 Unobligated balance available, end of year.....	868	10,000	
Budget authority.....	78,286	66,000	70,000
<b>Budget authority:</b>			
40 Appropriation.....	63,361	66,000	70,000
50 Reappropriation.....	14,925		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	78,237	56,868	80,000
72 Obligated balance, start of year.....	16,772	36,549	42,307
74 Obligated balance, end of year.....	-36,549	-42,307	-57,307
90 Outlays.....	58,460	51,110	65,000

The FAA conducts engineering and development programs to improve the national air traffic control system and to increase progressively its capacity to meet air traffic demands of the 1975-85 time period. The effort to increase capacity is based on exploiting current technology and applying system engineering techniques to the development and integration of new equipment into the total system. The agency also administers aviation medical research aimed at increasing the personal effectiveness of traffic controllers.

These programs are conducted, under the direction of the agency's technical personnel, through contracts with qualified private firms, universities, individuals, and other Government agencies.

1. *Air traffic control.*—This provides for incremental system improvements and the major upgrading of those systems required to perform modern traffic control functions. These include the surveillance of aircraft by tracking radars and control center processing of flight information received from pilots, airline dispatchers, flight service stations, and the surveillance system through a national communications network. The high-speed, or real-time, computerized processing of this data for traffic controllers is the key to increasing system capacity. This traffic control program also provides for increasing the capacity of major airports to safely and efficiently handle larger, faster passenger aircraft. These increases in airport capacity will be achieved by the development of new, computerized airport traffic control systems which will enable more efficient metering and spacing of terminal traffic under all weather conditions. The objective of these

development programs is to double airport/airway capacity by 1980.

2. *Navigation.*—This provides for the development of ground-based systems which insure the precision navigation of aircraft. This capability ranks in importance with the radar surveillance of aircraft in the effort to increase system capacity. It requires the development of new omnirange stations and sophisticated landing systems capable of handling increased air traffic in adverse weather conditions. These activities are an integral part of the effort to double system capacity by 1980.

3. *Aviation weather.*—This provides for a program, coordinated with the Departments of Defense and Commerce, to modernize the acquisition, processing, dissemination and display of weather information tailored to the needs of aviation users.

4. *Aviation medicine.*—This provides for conducting aeromedical research directed toward identifying and eliminating those physiological and psychological factors inimical to personnel engaged in operating the traffic control system.

Object Classification (in thousands of dollars)

Identification code 21-20-8108-0-7-501	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	7,401	9,514	11,798
11.3 Positions other than permanent.....	73	1,040	976
11.5 Other personnel compensation.....	177	279	336
11.8 Special personal services payments.....	112	88	110
Total personnel compensation.....	7,763	10,921	13,220
12.1 Personnel benefits: Civilian.....	657	894	1,071
21.0 Travel and transportation of persons.....	512	773	880
22.0 Transportation of things.....	48	37	45
23.0 Rent, communications, and utilities.....	357	184	182
24.0 Printing and reproduction.....	149	76	77
25.0 Other services.....	51,172	42,633	63,297
26.0 Supplies and materials.....	1,449	837	845
31.0 Equipment.....	1,418	513	383
32.0 Lands and structures.....	140		
Subtotal.....	63,665	56,868	80,000
96.0 Obligations previously incurred.....	14,572		
Total direct obligations.....	78,237	56,868	80,000
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	138		
11.5 Other personnel compensation.....	5		
Total personnel compensation.....	143		
12.1 Personnel benefits: Civilian.....	9		
21.0 Travel and transportation of persons.....	5		
25.0 Other services.....		310	610
26.0 Supplies and materials.....	55		
31.0 Equipment.....	400		
Total reimbursable obligations.....	612	310	610
99.0 Total obligations.....	78,849	57,178	80,610

Personnel Summary

<b>Direct:</b>			
Total number of permanent positions.....	493	493	643
Full-time equivalent of other positions.....	11	180	163
Average paid employment.....	471	649	763
Average GS grade.....	11.3	11.3	11.2
Average GS salary.....	\$18,600	\$18,959	\$18,492
Average salary of ungraded positions.....	\$11,101	\$11,177	\$11,217
<b>Reimbursable:</b>			
Total number of permanent positions.....	0		
Average paid employment.....	8		

## OPERATIONS (AIRPORT AND AIRWAY TRUST FUND)

## Program and Financing (in thousands of dollars)

Identification code 21-20-8104-0-7-501	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>Direct program:</b>			
1. Operation of traffic control system	520,959	12,808	1,446
2. Installation and materiel services	104,300	2,564	290
3. Maintenance of traffic control system	264,768	6,509	735
4. Administration of flight standards program	46,512	1,144	129
5. Administration of medical programs	3,817	94	11
6. Development direction	10,096	248	28
7. Administration of airports program	19,589	482	54
8. Obligated balance transferred from general fund	77,789		
Total direct program costs, funded	1,047,830	23,849	2,693
Change in selected resources <sup>1</sup>	24,654	-23,849	-2,693
Total direct obligations	1,072,484		
<b>Reimbursable program:</b>			
1. Operation of traffic control system	8,245	226	
2. Installation and materiel services	1,655	45	
3. Maintenance of traffic control system	3,456	95	
4. Administration of flight standards program	2,093	57	
5. Administration of medical programs	59	2	
7. Administration of airports program	214	6	
Total reimbursable program costs, funded	15,722	431	
Change in selected resources <sup>1</sup>	431	-431	
Total reimbursable obligations	16,153		
10 Total obligations <sup>2</sup>	1,088,637		
<b>Financing:</b>			
<b>Receipts and reimbursements from:</b>			
11 Federal funds	-14,474		
14 Non-Federal sources	-1,679		
25 Unobligated balance lapsing	3,379		
Budget authority	1,075,863		
<b>Budget authority:</b>			
40 Appropriation	989,074		
50 Reappropriation	86,789		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net	1,072,484		
72 Obligated balance, start of year	16,519	85,153	12,003
74 Obligated balance, end of year	-85,153	-12,003	
77 Adjustments in expired accounts	-3,386		
90 Outlays	1,000,464	73,150	12,003

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$1,888 thousand; 1972, \$26,973 thousand; 1973, \$2,693 thousand; 1974, \$0.  
<sup>2</sup> Includes capital outlay as follows: 1972, \$8,004 thousand.

This account was phased out in 1972 and the activities are shown in the general fund Operations account in 1973 and 1974.

## Object Classification (in thousands of dollars)

Identification code 21-20-8104-0-7-501	1972 actual	1973 est.	1974 est.
<b>FEDERAL AVIATION ADMINISTRATION</b>			
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions	697,642		
11.3 Positions other than permanent	5,623		

11.5 Other personnel compensation	45,550		
11.8 Special personal services payments	238		
Total personnel compensation	749,053		
12.1 Personnel benefits: Civilian	76,131		
13.0 Benefits for former personnel	119		
21.0 Travel and transportation of persons	23,111		
22.0 Transportation of things	7,364		
23.0 Rent, communications, and utilities	31,888		
24.0 Printing and reproduction	2,479		
25.0 Other services	20,231	10,239	1,156
26.0 Supplies and materials	20,724	11,456	1,294
31.0 Equipment	3,880	2,154	243
32.0 Lands and structures	154		
42.0 Insurance claims and indemnities	177		
Total costs, funded	935,311	23,849	2,693
94.0 Change in selected resources	24,654	-23,849	-2,693
Subtotal	959,965		
95.0 Quarters and subsistence charges	-1,215		
96.0 Obligations previously incurred	77,789		
Total direct obligations	1,036,539		
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions	9,481		
11.3 Positions other than permanent	89		
11.5 Other personnel compensation	785		
11.8 Special personal services payments	130		
Total personnel compensation	10,485		
12.1 Personnel benefits: Civilian	1,070		
13.0 Benefits for former personnel	13		
21.0 Travel and transportation of persons	275		
22.0 Transportation of things	141		
23.0 Rent, communications, and utilities	326		
24.0 Printing and reproduction	11		
25.0 Other services	1,166	146	
26.0 Supplies and materials	2,260	283	
31.0 Equipment	11	2	
Total costs, funded	15,758	431	
94.0 Change in selected resources	431	-431	
Subtotal	16,189		
95.0 Quarters and subsistence charges	-36		
Total reimbursable obligations	16,153		
Total obligations, Federal Aviation Administration	1,052,692		
<b>ALLOCATION TO DEPARTMENT OF DEFENSE</b>			
23.0 Rent, communications, and utilities	35,945		
99.0 Total obligations	1,088,637		

## Personnel Summary

<b>Direct:</b>			
Total number of permanent positions	44,534		
Full-time equivalent of other positions	746		
Average paid employment	44,387		
Average GS grade	10.9		
Average GS salary	\$15,578		
Average NM grade	10.9		
Average NM salary	\$17,414		
Average salary of ungraded positions	\$10,379		
<b>Reimbursable:</b>			
Total number of permanent positions	679		
Full-time equivalent of other positions	6		
Average paid employment	575		
Average GS grade	11.4		
Average GS salary	\$16,462		
Average FC grade	10.1		
Average FC salary	\$20,787		
Average salary of ungraded positions	\$10,240		

## FEDERAL HIGHWAY ADMINISTRATION

Title 23, U.S.C. ("Highways") and other supporting legislation provide authority for the various programs of the Federal Highway Administration designed to secure and develop national highway systems.

In summary, the 1974 budget estimate contemplates \$5.8 billion in budget authority, \$4.6 billion in obligations, and \$4.7 billion in outlays.

Obligations incurred provide the best measure of program activity in the various accounts of the Federal Highway Administration. The following table compares 1974 obligations with those of prior years:

[Dollars in millions]			
Program level	1972	1973	1974
Federal-aid highways.....	4,968.5	4,450.0	4,400.0
(Interstate).....	(3,293.1)	(2,800.0)	(2,600.0)
(Urban transportation program).....	(498.2)	(645.0)	(800.0)
(Rural transportation program).....	(868.4)	(650.0)	(625.0)
(Bridge replacement).....	(41.0)	(55.8)	(75.0)
(Other).....	(267.8)	(299.2)	(300.0)
Salaries and expenses <sup>1</sup> .....	7.1	13.3	15.2
Highway beautification.....	35.8	40.0	55.0
Highway related safety grants.....	12.9	12.9	13.2
Rail crossings—demonstration projects.....	2.0	10.0	18.0
Territorial highways.....	3.9	4.0	4.0
Darien Gap Highway.....	9.8	20.0	30.0
Right-of-way revolving fund.....	46.2	50.0	48.0
Forest highways.....	19.7	20.0	16.0
Public lands highways.....	9.7	12.0	5.0
Baltimore-Washington Parkway.....	-----	2.5	-----
Miscellaneous accounts.....	3.0	6.0	2.0
Total obligations.....	5,118.6	4,640.7	4,606.4

<sup>1</sup> Does not include amounts transferred from Federal-aid highways.

## Federal Funds

## General and special funds:

## SALARIES AND EXPENSES

For necessary expenses, not otherwise provided, as authorized by law, of the Federal Highway Administration, [\$13,325,000] \$15,-200,000, of which [\$5,600,000] \$9,800,000 shall be derived from the Highway Trust Fund, together with not to exceed [\$98,400,000] \$106,000,000 to be transferred from the appropriation for "Federal-aid highways (trust fund)": *Provided*, That not to exceed [\$22,150,000] \$30,100,000 of the amount provided herein shall remain available until expended. (23 U.S.C. 303, 307, 403; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-25-0500-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Program direction and coordination:			
(a) Executive direction.....	696	795	807
(b) Legal services.....	1,374	1,568	1,593
(c) Program review and investigation.....	4,007	4,754	4,830
(d) Public affairs.....	161	160	162
(e) Civil rights.....	1,232	1,513	1,635
2. General program support:			
(a) Program and highway planning.....	7,880	8,625	9,288
(b) Research and development.....	11,263	16,101	20,971
(c) Administrative support.....	14,083	16,893	17,052
3. Highway programs:			
(a) Engineering and traffic operations.....	4,382	9,211	5,009
(b) Right-of-way and environment.....	1,678	2,293	2,323
(c) Field operations.....	30,210	35,289	35,789
4. Motor carrier and highway safety:			
(a) Motor carrier safety.....	3,668	4,925	5,400
(b) Highway safety.....	2,187	8,793	10,259
5. Training programs:			
(a) Professional training.....	2,829	3,118	3,118
(b) National Highway Institute.....	80	1,221	1,224
(c) Construction skill training.....	3,516	4,000	5,000
Total program costs, funded.....	89,246	119,259	124,459

Change in selected resources <sup>1</sup> .....	10,602	—68	-----
10 Total obligations.....	99,849	119,190	124,459
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	—2,546	—2,931	—2,953
13 Trust funds.....	—95,845	—104,262	—116,106
21 Unobligated balance available, start of year.....	-----	—4,272	-----
24 Unobligated balance available, end of year.....	4,272	-----	-----
40 Budget authority (appropriation)....	5,729	7,725	5,400
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	1,458	11,997	5,400
72 Obligated balance, start of year.....	650	-----	-----
Receivables in excess of obligations, start of year.....	-----	—4,968	—764
74 Receivables in excess of obligations, end of year.....	4,968	764	764
77 Adjustments in expired accounts.....	—5	-----	-----
90 Outlays.....	7,070	7,793	5,400

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$738 thousand; 1972, \$11,341 thousand; 1973, \$11,273 thousand; 1974, \$11,273 thousand.

This account provides for the salaries and expenses of the Administration required to conduct and administer Federal-aid and several direct highway programs.

Expenses for planning, operation, and administration of the Federal-aid highway programs and highway research are financed by reimbursements from Federal-aid highway (trust fund) authorizations. Motor carrier safety programs and one-third of the amount for highway-related safety research and development programs are financed by this Federal fund appropriation. Beginning in 1972, the functions formerly financed by the appropriation for Motor carrier safety and by the Limitation on general expenses of the Federal-aid highway (trust fund) account are now carried out under this account. Beginning in 1974, the highway-related safety research and development programs will be fully funded from the Highway trust fund.

Administrative services for other programs of the Federal Highway Administration, including highway safety, and for road construction programs of other Federal agencies are initially financed from this activity and reimbursements are collected from those programs. This account does not cover administrative expenses of Highway beautification, Darien Gap Highway, and Territorial highways, which are provided by separate appropriations.

1. *Program direction and coordination.*—(a) Provides overall direction and coordination of the highway transportation mission; (b) provides legal services for all programs; (c) develops and administers programs for a continuing audit of claims against Federal funds and a thorough investigation of alleged irregularities; (d) plans and directs public affairs programs; and (e) develops, recommends policies and standards, and assures compliance with the civil rights and equal opportunity procedures within the Federal Highway Administration and by recipients of grants-in-aid administered by the Federal Highway Administration. Increases are requested to provide additional personnel to meet the mounting workload in the civil rights activity.

2. *General program support.*—(a) Formulates policy, multiyear and long-range plans and goals for highway programs and develops data and analyses for current and long-range programing; (b) conducts direct and contract research and development relating to traffic operations, new construction techniques, highway safety, and the social and environmental aspects of highways; and (c)

## General and special funds—Continued

## SALARIES AND EXPENSES—Continued

provides the full range of necessary administrative support services for all elements of the Federal Highway Administration. Increases are requested to intensify the contract planning and research and development efforts.

3. *Highway programs.*—(a) Provides engineering guidance to Federal and State agencies and to foreign governments, and conducts a program to encourage use of modern traffic engineering procedures to increase the traffic-carrying capacity of existing highways and urban streets; (b) assists States, other Federal agencies, and certain foreign countries in right-of-way acquisition and develops procedures for highway location selection and consideration of environmental impacts; and (c) provides program and engineering supervision of the Interstate, primary, secondary, and urban highway programs through nine regional and 52 division offices.

4. *Motor carrier and highway safety.*—(a) Develops and executes policy and programs for accomplishment of the motor carrier safety mission; and (b) administers a program of assistance to States and communities in the establishment of safety programs based on the highway-oriented safety standards. Increases are requested to provide additional personnel for motor carrier safety investigation and supervision, to meet expanded workload in hazardous materials activities and to provide additional research funds.

5. *Training programs.*—Provides on-the-job training for highway engineers and program managers, and finances construction skill training programs for disadvantaged workers hired by contractors on federally aided highway projects. Increases are requested to intensify the level of effort in the construction skill training program.

## Object Classification (in thousands of dollars)

Identification code 21-25-0500-0-1-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	64,412	66,207	67,643
11.3 Positions other than permanent.....	1,606	1,730	1,730
11.5 Other personnel compensation.....	332	550	550
<b>Total personnel compensation.....</b>	<b>66,350</b>	<b>68,487</b>	<b>69,923</b>
12.1 Personnel benefits: Civilian.....	6,164	6,608	6,710
13.0 Benefits for former personnel.....	10	-----	-----
21.0 Travel and transportation of persons.....	3,701	4,609	4,629
22.0 Transportation of things.....	430	622	622
23.0 Rent, communications, and utilities.....	4,995	5,769	5,786
24.0 Printing and reproduction.....	551	614	614
25.0 Other services.....	16,581	30,739	34,417
26.0 Supplies and materials.....	524	557	560
31.0 Equipment.....	543	1,185	1,198
42.0 Insurance claims and indemnities.....	2	-----	-----
<b>99.0 Total obligations.....</b>	<b>99,849</b>	<b>119,190</b>	<b>124,459</b>

## Personnel Summary

Total number of permanent positions.....	4,093	4,120	4,120
Full-time equivalent of other positions.....	208	220	220
Average paid employment.....	4,136	4,101	4,171
Average GS grade.....	10.4	10.2	10.2
Average GS salary.....	\$16,718	\$16,644	\$17,021

## HIGHWAY BEAUTIFICATION (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, sections 131, 136, and 319(b),

[\$12,000,000] \$35,000,000 to remain available until expended, together with [\$965,000] \$1,020,000 for necessary administrative expenses for carrying out such provisions of title 23, United States Code, as authorized by section 105(a) of the Federal-Aid Highway Act of 1970. (*Federal-Aid Highway Act of 1970, 84 Stat. 1716; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## Program and Financing (in thousands of dollars)

Identification code 21-25-0540-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Landscaping and scenic enhancement.....	4,190	162	666
2. Control of outdoor advertising and junkyards:			
(a) Outdoor advertising.....	-----	25,418	34,243
(b) Junkyards.....	-----	1,455	2,071
3. Administrative expenses.....	603	965	1,020
<b>Total program costs, funded.....</b>	<b>4,793</b>	<b>28,000</b>	<b>38,000</b>
<b>Change in selected resources<sup>1</sup>.....</b>	<b>31,022</b>	<b>12,000</b>	<b>17,000</b>
<b>10 Total obligations.....</b>	<b>35,815</b>	<b>40,000</b>	<b>55,000</b>
<b>Financing:</b>			
Unobligated balance available, start of year:			
21.40 Appropriation.....	-4,239	-----	-----
21.49 Contract authority.....	-58,500	-92,533	-53,498
24.49 Unobligated balance available, end of year: Contract authority.....	92,533	53,498	64,518
25.40 Unobligated balance lapsing: appropriation.....	39	-----	-----
<b>Budget authority.....</b>	<b>65,648</b>	<b>965</b>	<b>66,020</b>
<b>Budget authority:</b>			
Current:			
40 Appropriation.....	11,100	12,965	36,020
40.49 Portion applied to liquidate contract authority.....	-10,000	-12,000	-35,000
41 Transferred to other accounts.....	-452	-----	-----
43 Appropriation (adjusted).....	648	965	1,020
69 Permanent:			
<b>Contract authority (84 Stat. 1716, 1726).....</b>	<b>65,000</b>	<b>-----</b>	<b>65,000</b>
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	35,815	40,000	55,000
Obligated balance, start of year:			
72.40 Appropriation.....	10,480	20,061	5,026
72.49 Contract authority.....	-----	20,967	48,002
Obligated balance, end of year:			
74.40 Appropriation.....	-20,061	-5,026	-3,046
74.49 Contract authority.....	-20,967	-48,002	-66,982
<b>90 Outlays.....</b>	<b>5,267</b>	<b>28,000</b>	<b>38,000</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971: \$9,488 thousand; 1972: \$40,509 thousand; 1973: \$52,509 thousand; 1974: \$69,509 thousand.

## Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	58,500	113,500	101,500
Contract authority.....	65,000	-----	65,000
Unfunded balance, end of year.....	-113,500	-101,500	-131,500
<b>Appropriation to liquidate contract authority.....</b>	<b>10,000</b>	<b>12,000</b>	<b>35,000</b>

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

This appropriation provides funds for projects initiated pursuant to the provisions of the Highway Beautification Act of 1965, together with the Federal-Aid Highway Acts of 1968 and 1970.

The Federal-Aid Highway Act of 1970 provides for completely revised program emphasis to concentrate on the outdoor advertising portion of the program. The primary objective of this program is to remove all non-conforming outdoor signs along the Nation's Interstate and Federal-aid primary highways. It is anticipated that the total Federal cost of this effort will aggregate approximately \$300 million.

Particular emphasis is being placed on sign removal in terms of an entire company rather than on the basis of sign-by-sign location as in the past. This approach will offer the greatest potential for success at the least cost.

The \$55 million program planned for 1974 will enable the continuation of screening and/or removal of junkyards along the Nation's highways and continue the emphasis on the sign removal program by placing it back in phase with planned completion dates.

Additional contract authority for 1975 will be requested in proposed highway legislation. Contract authority is available for obligation 1 year in advance of the year for which authorized.

The planned distribution of new program obligations in 1974 as compared to 1973 is as follows (in thousands of dollars):

Activity	1973 estimate	1974 estimate
1. Landscaping and scenic enhancement.....	3,000	980
2. Control of outdoor advertising and junkyards:		
(a) Outdoor advertising.....	34,035	50,000
(b) Junkyards.....	2,000	3,000
3. Administrative expenses.....	965	1,020
<b>Total obligations.....</b>	<b>40,000</b>	<b>55,000</b>

#### Object Classification (in thousands of dollars)

Identification code 21-25-0540-0-1-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	454	742	779
11.3 Positions other than permanent.....	16	16	16
11.5 Other personnel compensation.....		7	7
<b>Total personnel compensation.....</b>	<b>470</b>	<b>765</b>	<b>802</b>
12.1 Personnel benefits: Civilian.....	41	68	71
21.0 Travel and transportation of persons.....	62	98	104
22.0 Transportation of things.....	2	2	2
23.0 Rent, communications, and utilities.....	18	20	25
25.0 Other services.....	10	4	4
26.0 Supplies and materials.....	3	5	6
31.0 Equipment.....	2	3	6
41.0 Grants, subsidies, and contributions.....	35,206	39,035	53,980
<b>99.0 Total obligations.....</b>	<b>35,815</b>	<b>40,000</b>	<b>55,000</b>

#### Personnel Summary

Total number of permanent positions.....	55	49	49
Full-time equivalent of other positions.....	3	3	3
Average paid employment.....	38	52	52
Average GS grade.....	7.6	7.6	7.6
Average GS salary.....	\$12,828	\$13,101	\$13,711

#### HIGHWAY-RELATED SAFETY GRANTS (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 402, administered by the Federal Highway Administration, to remain available until expended, **[\$12,000,000]** \$10,000,000, of which **[\$8,000,000]** \$7,000,000 shall be derived from the Highway Trust Fund: *Provided*, That not to exceed **[\$393,000]** \$459,000 of the amount appropriated herein may be transferred to the appropriation "Salaries and expenses". (Federal-Aid Highway Act of 1970, 84 Stat. 1741; Department of Transportation and Related Agencies Appropriation Act, 1973.)

#### Program and Financing (in thousands of dollars)

Identification code 21-25-0554-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. State and community grants.....	3,420	11,983	3,541
2. Administration of grant programs.....	347	393	459
<b>Total program costs, funded.....</b>	<b>3,767</b>	<b>12,376</b>	<b>4,000</b>
Change in selected resources <sup>1</sup> .....	9,145	563	9,200
<b>10 Total obligations.....</b>	<b>12,911</b>	<b>12,939</b>	<b>13,200</b>
<b>Financing:</b>			
13 Receipts and reimbursements from:			
Trust funds.....	-8,607	-8,626	-8,800
21.49 Unobligated balance available, start of year: Contract authority.....	-10,000	-15,696	-11,383
24.49 Unobligated balance available, end of year: Contract authority.....	15,696	11,383	6,983
<b>Budget authority.....</b>	<b>10,000</b>		
<b>Budget authority:</b>			
Current:			
40 Appropriation.....	1,667	4,000	3,000
40.49 Portion applied to liquidate contract authority.....	-1,667	-4,000	-3,000
43 Appropriation (adjusted).....			
69 Permanent:			
Contract authority (84 Stat. 1741).....	10,000		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	4,304	4,313	4,400
Obligated balance, start of year:			
72.40 Appropriation.....		851	1,101
72.49 Contract authority.....		2,637	2,950
Obligated balance, end of year:			
74.40 Appropriation.....	-851	-1,101	-101
74.49 Contract authority.....	-2,637	-2,950	-4,350
<b>90 Outlays.....</b>	<b>816</b>	<b>3,750</b>	<b>4,000</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$9,145 thousand; 1973, \$9,708 thousand; 1974, \$18,908 thousand.

#### Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	10,000	18,333	14,333
Contract authority.....	10,000		
Unfunded balance, end of year.....	-18,333	-14,333	-11,333
<b>Appropriation to liquidate contract authority.....</b>	<b>1,667</b>	<b>4,000</b>	<b>3,000</b>

The Highway Safety Act of 1970 provided contract authority of \$30 million for each of the years 1972 and 1973 for grants to States and communities for implementing certain highway-related safety standards. The contract authority is available 1 year in advance of the year for which authorized, and 2 years thereafter. Two-thirds of the funds are provided from the Highway trust fund and one-third is provided from the general fund of the Treasury.

The combination of general and trust funds will provide a total program of \$13.2 million in 1974 for grants to assist States and localities in implementing these highway safety standards, which deal with traffic control devices, highway construction and maintenance, accident location surveillance, and highway-related aspects of pedestrian safety. Since related highway safety standards are also administered by the National Highway Traffic Safety Administration, this amount is a tentative distribution. The final distribution will be determined after the annual program plans of the States for 1974 are submitted and approved by the two agencies.

**General and special funds—Continued****HIGHWAY-RELATED SAFETY GRANTS (LIQUIDATION OF CONTRACT AUTHORIZATION)—Continued**

Future authority for this program is shown under trust fund share of other highway programs.

**Object Classification (in thousands of dollars)**

Identification code 21-25-0554-0-1-503	1972 actual	1973 est.	1974 est.
25.0 Other services.....	347	393	459
41.0 Grants, subsidies, and contributions....	12,564	12,546	12,741
99.0 Total obligations.....	12,911	12,939	13,200

**RAIL CROSSINGS—DEMONSTRATION PROJECTS**

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 322, to remain available until expended, **[\$2,000,000]** \$18,000,000, of which **[\$600,000]** \$5,400,000 shall be derived from the Highway Trust Fund. (*Federal-Aid Highway Act of 1970, 84 Stat. 1743; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

**Program and Financing (in thousands of dollars)**

Identification code 21-25-0555-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Rail crossings—demonstration projects (program costs, funded).....	2	10,708	12,400
Change in selected resources <sup>1</sup> .....	1,991	-700	5,600
10 Total obligations (object class 41.0) ..	1,992	10,008	18,000
<b>Financing:</b>			
13 Receipts and reimbursements from:			
Trust funds.....		-3,600	-5,400
21 Unobligated balance available, start of year.....		-5,008	
24 Unobligated balance available, end of year.....	5,008		
40 Budget authority (appropriation) ..	7,000	1,400	12,600
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	1,992	6,408	12,600
72 Obligated balance, start of year.....		1,991	6,298
74 Obligated balance, end of year.....	-1,991	-6,298	-11,898
90 Outlays.....	2	2,100	7,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$1,991 thousand; 1973, \$1,291 thousand; 1974, \$6,891 thousand.

Section 322 of title 23, United States Code, as added by the Federal-Aid Highway Act of 1970, authorizes the Secretary to carry out a demonstration project for the elimination of all public ground-level rail-highway crossings along the route of high-speed ground transportation demonstration projects between Washington, D.C., and Boston, Mass., and in the vicinity of Greenwood, S.C. The authorization provides for the appropriation of not to exceed \$22 million from general funds and \$9 million from the Highway trust fund.

The program is financed jointly by the Highway trust fund and the general fund of the Treasury. Under existing legislation, if the grade crossing involved is located on any Federal-aid highway system, the Federal share of the project cost is 90%, financed from the Highway trust fund, and the railroad's share is 10%. If the grade crossing involved is located on a highway not part of any Federal-aid system, then the Federal share of the project cost is 80%, financed from the general fund of the Treasury, the railroad's share is 10%, and the State in which the highway is located pays the remaining 10% share.

The budget authorities and outlays contained in these schedules are the general-fund financed portion only. The combination of general and trust funds will provide for a 1974 program of \$18 million.

**TERRITORIAL HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)**

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 215, **[\$2,000,000]** \$2,600,000, to remain available until expended. (*Federal-Aid Highway Act of 1970, 84 Stat. 1720, 1721; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

**Program and Financing (in thousands of dollars)**

Identification code 21-25-0556-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Territorial highways.....		2,431	2,697
2. Administration.....	86	169	169
Total program costs, funded....	86	2,600	2,866
Change in selected resources <sup>1</sup> .....	3,813	1,400	1,134
10 Total obligations.....	3,898	4,000	4,000
<b>Financing:</b>			
21.49 Unobligated balance available, start of year: Contract authority.....	-4,500	-5,102	-5,602
24.49 Unobligated balance available, end of year: Contract authority.....	5,102	5,602	5,102
Budget authority.....	4,500	4,500	3,500
<b>Budget authority:</b>			
Current:			
40 Appropriation.....	1,000	2,000	2,600
40.49 Portion applied to liquidate contract authority.....	-1,000	-2,000	-2,600
43 Permanent:			
69 Contract authority (84 Stat. 1720).....	4,500	4,500	3,500
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	3,898	4,000	4,000
Obligated balance, start of year:			
72.40 Appropriation.....		929	329
72.49 Contract authority.....		2,899	4,899
Obligated balance, end of year:			
74.40 Appropriation.....	-929	-329	-63
74.49 Contract authority.....	-2,899	-4,899	-6,299
90 Outlays.....	71	2,600	2,866

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971 \$0; 1972, \$3,813 thousand; 1973, \$5,213 thousand; 1974, \$6,347 thousand.

**Status of Unfunded Contract Authority (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	4,500	8,000	10,500
Contract authority.....	4,500	14,500	13,500
Unfunded balance, end of year.....	-8,000	-10,500	-11,400
Appropriation to liquidate contract authority.....	1,000	2,000	2,600

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

Grants are authorized by 23 U.S.C. 215(a) to assist the territorial governments of the Virgin Islands, Guam, and American Samoa in the improvement of their highway systems. Assistance is provided for an arterial highway system, and necessary interisland connectors, as designated by each territorial Governor and approved by the Secretary of Transportation.

The Secretary is also authorized to provide technical assistance to each territorial government to establish an effective long-range highway development program and to organize an appropriate agency to administer the highway programs, including planning, design, construction, maintenance, right-of-way acquisition, and relocation assistance.

Additional contract authority for the years 1974 and 1975 will be requested in proposed highway legislation.

A total 1974 program of \$4 million is planned for technical assistance and highway improvements.

#### Object Classification (in thousands of dollars)

Identification code 21-25-0556-0-1-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	33	107	107
11.5 Other personnel compensation.....	3	3	3
Total personnel compensation.....	36	110	110
12.1 Personnel benefits: Civilian.....	13	10	10
21.0 Travel and transportation of persons.....	20	10	10
22.0 Transportation of things.....	10		
23.0 Rent, communications, and utilities.....	5	2	2
25.0 Other services.....	1	33	33
26.0 Supplies and materials.....	1	1	1
31.0 Equipment.....	3	3	3
41.0 Grants, subsidies, and contributions.....	3,811	3,831	3,831
99.0 Total obligations.....	3,898	4,000	4,000

#### Personnel Summary

Total number of permanent positions.....	4	3	3
Average paid employment.....	1	3	3
Average GS grade.....	13.5	13.7	13.7
Average GS salary.....	\$21,366	\$22,487	\$23,183

#### DARIEN GAP HIGHWAY

For necessary expenses for construction of the Darien Gap Highway in accordance with the provisions of section 216 of title 23 of the United States Code, [including the purchase of not to exceed two passenger motor vehicles \$15,000,000] \$30,000,000, to remain available until expended. (*Federal-Aid Highway Act of 1970, 84 Stat. 1721, 1722; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

#### Program and Financing (in thousands of dollars)

Identification code 21-25-0553-0-1-152	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Design and construction.....	410	8,834	18,454
2. Administration.....	134	666	546
Total program costs, funded.....	544	9,500	19,000
Change in selected resources <sup>1</sup> .....	9,211	10,500	11,000
10 Total obligations.....	9,755	20,000	30,000
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-300	-5,545	-545
24 Unobligated balance available, end of year.....	5,545	545	545
40 Budget authority (appropriation).....	15,000	15,000	30,000
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	9,755	20,000	30,000
72 Obligated balance, start of year.....	4,700	13,946	24,446
74 Obligated balance, end of year.....	-13,946	-24,446	-35,446
90 Outlays.....	509	9,500	19,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$4,700 thousand; 1972, \$13,911 thousand; 1973, \$24,411 thousand; 1974, \$35,411 thousand.

The United States, in cooperation with the Republic of Panama and the Government of Colombia, will participate in the construction of approximately 250 miles of highway through the Darien Gap.

It is estimated that the total cost of the highway will be \$150 million, with the United States participating up to \$100 million, and the remaining \$50 million being supplied by Colombia and Panama.

This highway will connect the Inter-American Highway of Central America with the Pan-American Highway System of South America, creating a single, cohesive network stretching from Alaska to every South American country.

#### Object Classification (in thousands of dollars)

Identification code 21-25-0553-0-1-152	1972 actual	1973 est.	1974 est.
<b>Personnel compensation: Permanent positions.....</b>	61	370	389
12.1 Personnel benefits: Civilian.....	8	30	32
21.0 Travel and transportation of persons.....	7	29	30
22.0 Transportation of things.....	23	94	10
23.0 Rent, communications, and utilities.....	5	20	20
25.0 Other services.....	8	33	35
26.0 Supplies and materials.....	2	8	10
31.0 Equipment.....	20	82	20
32.0 Lands and structures.....	9,620	19,334	29,454
99.0 Total obligations.....	9,755	20,000	30,000

#### Personnel Summary

Total number of permanent positions.....	25	25	25
Average paid employment.....	4	24	24
Average GS grade.....	6.9	6.9	6.9
Average GS salary.....	\$11,590	\$11,682	\$12,162

#### FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 204, pursuant to contract authorization granted by title 23, United States Code, section 203, to remain available until expended, [\$23,000,000] \$8,000,000. (*Federal-Aid Highway Act of 1970, 84 Stat. 1715; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

#### Program and Financing (in thousands of dollars)

Identification code 21-25-0531-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Construction.....	25,052	15,260	13,440
2. Administration.....	986	640	560
3. Forest Service Administration.....	98	100	
Total, direct program costs, funded.....	26,136	16,000	14,000
Reimbursable program:			
1. Construction.....	3,469	4,000	
Total program costs, funded.....	29,606	20,000	14,000
Change in selected resources <sup>1</sup> .....	-6,422	2,604	-14,000
10 Total obligations.....	23,184	22,604	
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	-3,011	-3,472	
13 Trust funds.....	-423	-487	
14 Non-Federal sources.....	-36	-41	
21.49 Unobligated balance available, start of year: Contract authority.....	-38,318	-18,604	
24.49 Unobligated balance available, end of year: Contract authority.....	18,604		
Budget authority.....			

## General and special funds—Continued

FOREST HIGHWAYS (LIQUIDATION OF CONTRACT  
AUTHORIZATION)—Continued

## Program and Financing (in thousands of dollars)—Continued

Identification code 21-25-0531-0-1-503	1972 actual	1973 est.	1974 est.
Budget authority:			
40 Appropriation.....	25,000	23,000	8,000
40.49 Portion applied to liquidate contract authority.....	-25,000	-23,000	-8,000
43 Appropriation (adjusted).....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	19,714	18,604	
Obligated balance, start of year:			
72.40 Appropriation.....	505	324	7,324
72.49 Contract authority.....	30,132	24,846	20,450
Obligated balance, end of year:			
74.40 Appropriation.....	-324	-7,324	-1,324
74.49 Contract authority.....	-24,846	-20,450	-12,450
90 Outlays.....	25,181	16,000	14,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$26,738 thousand; 1972, \$20,316 thousand; 1973, \$22,920 thousand; 1974, \$8,920 thousand.

## Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	68,450	43,450	20,450
Unfunded balance, end of year.....	-43,450	-20,450	-12,450
Appropriation to liquidate contract authority.....	25,000	23,000	8,000

Main highways within or adjacent to national forests are constructed and improved with these funds. The Federal-Aid Highway Act of 1970 provided that contract authority for future use be financed from the Highway trust fund.

A \$16 million program is planned for 1974. Beginning in 1974, this program will operate entirely with Highway trust fund authority.

Additional contract authority for 1975 will be requested in proposed highway legislation.

## Object Classification (in thousands of dollars)

Identification code 21-25-0531-0-1-503	1972 actual	1973 est.	1974 est.
Personnel compensation:			
11.1 Permanent positions.....	4,920	4,094	
11.3 Positions other than permanent.....	307	320	
11.5 Other personnel compensation.....	143	150	
Total personnel compensation.....	5,370	4,564	
Direct obligations:			
Personnel compensation.....	3,267	2,496	
12.1 Personnel benefits: Civilian.....	238	179	
13.0 Benefits for former personnel.....	21		
21.0 Travel and transportation of persons.....	631	635	
22.0 Transportation of things.....	195	195	
23.0 Rent, communications, and utilities.....	92	95	
24.0 Printing and reproduction.....	12	12	
25.0 Other services.....	1,058	1,060	
26.0 Supplies and materials.....	469	470	
31.0 Equipment.....	431	431	
41.0 Grants, subsidies, and contributions.....	13,296	13,031	
42.0 Insurance claims and indemnities.....	5		
Total direct obligations.....	19,714	18,604	

## Reimbursable obligations:

Personnel compensation.....	2,103	2,068	
12.1 Personnel benefits: Civilian.....	157	155	
21.0 Travel and transportation of persons.....	156	160	
22.0 Transportation of things.....	31	31	
23.0 Rent, communications, and utilities.....	59	60	
24.0 Printing and reproduction.....	7	7	
25.0 Other services.....	890	1,452	
26.0 Supplies and materials.....	59	60	
31.0 Equipment.....	7	7	
Total reimbursable obligations.....	3,469	4,000	
99.0 Total obligations.....	23,184	22,604	

## Personnel Summary

Total number of permanent positions.....	428	349	
Full-time equivalent of other positions.....	51	57	
Average paid employment.....	479	406	
Average GS grade.....	7.8	7.6	
Average GS salary.....	\$12,121	\$11,611	

PUBLIC LANDS HIGHWAYS (LIQUIDATION OF CONTRACT  
AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 209, pursuant to the contract authorization granted by title 23, United States Code, section 203, \$16,000,000, \$3,000,000, to remain available until expended. (Federal-Aid Highway Act of 1970, 84 Stat. 1715; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-25-0526-0-1-503	1972 actual	1973 est.	1974 est.
Program by activities:			
1. Construction.....	10,203	10,080	8,640
2. Administration.....	296	420	360
Total program costs, funded.....	10,499	10,500	9,000
Change in selected resources <sup>1</sup> .....	-822	1,509	-9,000
10 Total obligations.....	9,677	12,000	
Financing:			
21.49 Unobligated balance available, start of year: Contract authority.....	-26,700	-16,000	
24.49 Unobligated balance available, end of year: Contract authority.....	16,000		
25.49 Unobligated balance lapsing: Contract authority.....	1,023	4,000	
Budget authority.....			
Budget authority:			
40 Appropriation.....		16,000	3,000
40.49 Portion applied to liquidate contract authority.....		-16,000	-3,000
43 Appropriation (adjusted).....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	9,677	12,000	
Obligated balance, start of year:			
72.40 Appropriation.....	11,245	1,159	6,659
72.49 Contract authority.....	5,600	15,277	11,277
Obligated balance, end of year:			
74.40 Appropriation.....	-1,159	-6,659	-659
74.49 Contract authority.....	-15,277	-11,277	-8,277
90 Outlays.....	10,086	10,500	9,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$16,168 thousand; 1972, \$15,346 thousand; 1973, \$16,846 thousand; 1974, \$7,846 thousand.



**Status of Unfunded Contract Authority** (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year	32,300	31,277	11,277
Unobligated balance of contract authority lapsing	-1,023	-4,000	
Unfunded balance, end of year	-31,277	-11,277	-8,277
Appropriation to liquidate contract authority		16,000	3,000

Highways are constructed and improved with these funds through public lands in those States having large areas of such lands. The Federal-Aid Highway Act of 1970 provided that contract authority for future use be financed from the highway trust fund.

A \$5 million program is planned for 1974. Beginning in 1974, this program will operate entirely with trust fund authority.

Additional contract authority for 1975 will be requested in proposed highway legislation.

**Object Classification** (in thousands of dollars)

Identification code 21-25-0526-0-1-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions	244	256	
11.3 Positions other than permanent	9	10	
11.5 Other personnel compensation	7	7	
Total personnel compensation	259	273	
12.1 Personnel benefits: Civilian	22	23	
21.0 Travel and transportation of persons	27	30	
22.0 Transportation of things	16	20	
23.0 Rent, communications, and utilities	3	5	
25.0 Other services	425	545	
26.0 Supplies and materials	3	3	
41.0 Grants, subsidies, and contributions	8,921	11,101	
99.0 Total obligations	9,677	12,000	

**Personnel Summary**

Total number of permanent positions	23	20	
Full-time equivalent of other positions	1	2	
Average paid employment	22	22	
Average GS grade	7.8	7.6	
Average GS salary	\$12,121	\$11,611	

**FEDERAL HIGHWAY ADMINISTRATION MISCELLANEOUS ACCOUNTS****Program and Financing** (in thousands of dollars)

Identification code 21-25-9999-0-1-999	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Inter-American Highway	2,066	3,929	1,968
2. Alaska assistance	1,138	416	210
3. Chamizal Memorial Highway	4,039	2,009	1,006
4. Highway beautification	9,093	11,505	5,767
Total, direct program costs, funded	16,336	17,860	8,951
Reimbursable program:			
2. Alaska assistance	516	90	
Total program costs, funded	16,852	17,950	8,951
Change in selected resources <sup>1</sup>	-11,427	-14,765	-8,951
10 Total obligations	5,425	3,185	
<b>Financing:</b>			
11 Receipts and reimbursements from:			
Federal funds	-177	-90	
17 Recovery of prior year obligations	-4,408		
21 Unobligated balance available, start of year	-3,935	-3,095	

24 Unobligated balance available, end of year	3,095		
<b>Budget authority</b>			
Relation of obligations to outlays:			
71 Obligations incurred, net	840	3,095	
72 Obligated balance, start of year	44,227	27,498	12,734
74 Obligated balance, end of year	-27,498	-12,734	
77 Adjustments in expired accounts	-4,408		
90 Outlays	13,161	17,860	12,734

**Distribution of outlays by account:**

Inter-American Highway	1,978	3,000	2,999
Alaska assistance	1,094	860	
Chamizal Memorial Highway	4,045	2,000	1,259
Highway beautification	6,044	12,000	8,476

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$39,551 thousand (1972 adjustments, -\$4,408 thousand); 1972, \$23,716 thousand; 1973, \$8,951 thousand; 1974, \$0.

This account includes completion of work on the Inter-American Highway as authorized by the Federal-Aid Highway Act of 1962 (76 Stat. 1146); the Alaska assistance program authorized by the Federal-Aid Highway Act of 1966; the Chamizal Memorial Highway program authorized by Public Law 89-795 of November 8, 1966; and the highway beautification program authorized by the Highway Beautification Act of 1965, Public Law 89-285. Funds for these programs were appropriated in prior years. No new funds are being requested for 1974.

**Object Classification** (in thousands of dollars)

Identification code 21-25-9999-0-1-999	1972 actual	1973 est.	1974 est.
<b>FEDERAL HIGHWAY ADMINISTRATION</b>			
Direct obligations:			
32.0 Lands and structures	4,746	2,396	
Reimbursable obligations:			
32.0 Lands and structures	516	90	
Total obligations, Federal Highway Administration	5,262	2,486	

**ALLOCATION TO DEPARTMENT OF STATE, INTERNATIONAL BOUNDARY AND WATER COMMISSION**

<b>Personnel compensation:</b>			
11.1 Permanent positions	33	17	
11.3 Positions other than permanent	1	1	
Total personnel compensation	34	18	
12.1 Personnel benefits: Civilian	3	1	
23.0 Rent, communications, and utilities	2	2	
24.0 Printing and reproduction	1		
32.0 Lands and structures	122	678	
Total obligations, Department of State	162	699	
99.0 Total obligations	5,425	3,185	

**Personnel Summary**

<b>ALLOCATION TO DEPARTMENT OF STATE, INTERNATIONAL BOUNDARY AND WATER COMMISSION</b>			
Total number of permanent positions	2	0	
Average paid employment	2	1	
Average grade, grades established by the Secretary of State, equivalent to GS grades	13.0	13.0	
Average salary, grades established by the Secretary of State, equivalent to GS grades	\$20,250	\$20,250	

## General and special funds—Continued

## ALLOCATIONS RECEIVED FROM OTHER ACCOUNTS

Note.—Obligations incurred under allocations from other accounts are included in the schedules of parent appropriations as follows:

## Department of Transportation:

- Federal Aviation Administration, "Construction, national capital airports."
- Federal Railroad Administration, "High-speed ground transportation, research and development."
- Urban Mass Transportation Administration, "Urban mass transportation fund."

Funds appropriated to the President: "Appalachian regional development program."

Department of Agriculture: Forest Service, "Forest roads and trails (liquidation of contract authority)."

Department of Commerce: "Development facilities, economic development assistance."

## Department of Defense—Military:

- "Operation and maintenance—Air Force."
- "Military construction—Army."
- "Military construction—Navy."
- "Military construction—Air Force."

## Department of the Interior:

## Bureau of Land Management:

- "Oregon and California grant lands."
- "Expenses, Public Lands Administration Act."
- "Public lands development, roads and trails."

Bureau of Indian Affairs, "Road construction (liquidation of contract authority)."

National Park Service, "Parkway and road construction (liquidation of contract authority)."

National Aeronautics and Space Administration, "Construction of facilities."

## Intragovernmental funds:

## CONSOLIDATED WORKING FUND

## Program and Financing (in thousands of dollars)

Identification code 21-25-3902-0-4-503	1972 actual	1973 est.	1974 est.
Relation of obligations to outlays:			
71 Obligations incurred, net.....	7	6	-----
72 Obligated balance, start of year.....	-----	-----	-----
74 Obligated balance, end of year.....	-----	-----	-----
90 Outlays.....	1	6	-----

## Trust Funds

## FEDERAL-AID HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)

For carrying out the provisions of title 23, United States Code, which are attributable to Federal-aid highways, not otherwise provided, including reimbursement for sums expended pursuant to the provisions of section 2 of the Pacific Northwest Disaster Relief Act of 1965 (79 Stat. 131), reimbursement for sums expended pursuant to the provisions of section 21 of the Alaska Omnibus Act, as amended (78 Stat. 505), **[\$4,891,990,000]** \$4,320,000,000, or so much thereof as may be available in and derived from the "Highway trust fund", to remain available until expended. (*Federal-Aid Highway Act of 1970, 84 Stat. 1714, 1715, 1716; Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## Program and Financing (in thousands of dollars)

Identification code 21-25-8102-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. The National System—Interstate Highways.....	3,360,229	2,800,000	2,600,000
2. The State network:			
(a) Primary system.....	443,110	360,000	-----
(b) Secondary system.....	290,067	290,000	-----
(c) Primary and secondary in rural areas.....	97,592	-----	-----
(d) Rural transportation program.....	-----	-----	625,000
3. The urban systems:			
(a) Urban extension highways.....	249,839	240,000	-----
(b) Urban system.....	527	140,000	-----
(c) Traffic operations in urban areas (TOPICS) program.....	43,600	265,000	-----
(d) Urban transportation program.....	-----	-----	800,000
4. Safety programs: Bridge replacement.....	398	55,800	75,000
5. Other programs:			
(a) Economic growth center highways.....	508	-----	-----
(b) Emergency relief.....	45,626	130,000	113,000
(c) Grants for planning and research.....	80,045	67,000	81,000
(d) Bridges over dams.....	-----	3,800	-----
(e) Alaskan assistance.....	1,147	-----	-----
6. Administration.....	104,471	98,400	106,000
Total direct program costs, funded.....	4,717,159	4,450,000	4,400,000
Reimbursable program:			
1. Grants for construction.....	6,118	17,000	17,000
Total program costs, funded.....	4,723,277	4,467,000	4,417,000
Change in selected resources <sup>1</sup> .....	250,464	-----	-----
10 Total obligations.....	4,973,740	4,467,000	4,417,000
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	-5,215	-16,993	-16,993
14 Non-Federal sources.....	-2	-7	-7
21.49 Unobligated balance available, start of year: Contract authority.....	-5,870,798	-6,577,372	-7,777,372
24.49 Unobligated balance available, end of year: Contract authority.....	6,577,372	7,777,372	8,927,372
25.49 Unobligated balance lapsing: Contract authority.....	24,902	-----	-----
Budget authority.....	5,700,000	5,650,000	5,550,000
Budget authority:			
Current:			
40 Appropriation.....	4,662,093	4,891,990	4,320,000
40.49 Portion applied to liquidate contract authority.....	-4,662,093	-4,891,990	-4,320,000
43 Appropriation (adjusted).....	-----	-----	-----
49 Contract authority.....	-----	1,450,000	-----
Permanent:			
69 Contract authority (84 Stat. 1715).....	5,700,000	4,200,000	5,550,000

Relation of obligations to outlays:			
71	Obligations incurred, net.....	4,968,524	4,450,000
	Obligated balance, start of year:		
72.40	Appropriation.....	26,124	31,083
72.49	Contract authority.....	7,419,363	7,725,794
	Obligated balance, end of year:		
74.40	Appropriation.....	-31,083	-210,000
74.49	Contract authority.....	-7,725,794	-7,283,804
90	Outlays.....	4,657,134	4,713,073
		4,530,000	

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$6,834,447 thousand; 1972, \$7,084,911 thousand; 1973, \$7,084,911 thousand; 1974, \$7,084,911 thousand.

#### Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year...	13,290,161	14,303,166	15,061,176
Contract authority.....	5,700,000	5,650,000	5,550,000
Administrative cancellation of contract authority.....	-24,902		
Unfunded balance, end of year.....	-14,303,166	-15,061,176	-16,291,176
Transfer from Highway trust fund to liquidate contract authority.....	4,662,093	4,891,990	4,320,000

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

Grants are made to States for construction and improvements on the Interstate System and for urban and rural highway-oriented transportation programs.

The Federal Government pays 90% of the costs for interstate projects and is scheduled to pay 70% of the costs of most other Federal-aid projects. The Federal share of project costs is increased in those States with large areas of public domain.

Legislation will be proposed to provide contract authorities for 1974 and 1975 for carrying on the Federal-aid highways program. The program structure outlined below reflects the probable structure of this legislation.

1. *The National System—Interstate Highways.*—\$2.6 billion is provided for continued construction on the National Interstate System. As of October 1, 1972, 33,796 miles of the 42,500-mile interstate were open to traffic, 3,742 miles were under construction, and engineering or

right-of-way acquisition was in progress on another 3,632 miles.

2. *The State network.*—(d) *Rural transportation program.*—\$625 million will finance highway construction for rural noninterstate highways with emphasis on arterial routes. Some forms of rural mass transit may also be eligible for funding from this program.

3. *The urban systems.*—(d) *Urban transportation program.*—\$800 million is provided to stimulate surface transportation investments by urban areas to alleviate existing congestion and avoid further accentuation of urban transportation problems as population continues to grow. It is anticipated that this program will permit urban areas to use their share of these funds for capital investments in either highways or mass transit systems.

4. *Safety programs: Bridge replacement.*—\$75 million will provide for the replacement of the most critical of many unsafe bridges now in use by motorists.

5. *Other programs.*—This category includes \$113 million for emergency relief, which aids States and localities in repairing highways damaged from natural disasters, and \$81 million for grants to the States for highway planning and research.

6. *Administration.*—\$106 million represents the amount to be transferred to the Salaries and expenses appropriation to provide for executive direction and general administration of the Federal-aid highways program.

Actual and estimated progress of Federal-aid programs is summarized in the following table:

#### STATUS OF CONTRACT AUTHORITY

[Dollars in thousands]

Fiscal year:	Contract authority <sup>1</sup>	Unobligated contract authority, end of year	Federal payments	Projects approved		
				Number	Total cost	Federal share
1956.....	\$2,000,000	\$1,939,326	\$730,343	6,650	\$1,695,808	\$885,000
1957.....	2,550,000	2,268,148	965,507	7,966	3,361,000	2,212,000
1958.....	3,590,000	2,918,432	1,511,396	9,490	4,128,000	2,914,000
1959.....	3,400,000	2,805,112	2,612,576	11,590	4,656,000	3,479,000
1960.....	2,876,613	3,072,783	2,940,251	9,682	3,668,000	2,580,000
1961.....	2,874,338	2,766,616	2,619,170	9,499	4,279,000	3,151,000
1962.....	3,325,003	3,069,056	2,783,864	9,053	4,062,000	2,990,000
1963.....	3,550,000	2,695,390	3,016,701	9,201	4,986,000	3,889,000
1964.....	3,675,000	2,231,716	3,643,648	9,252	5,459,000	4,098,000
1965.....	3,800,000	2,106,298	4,025,484	7,839	5,092,000	3,893,000
1966.....	4,000,000	2,081,310	3,965,399	6,187	5,038,509	3,977,000
1967.....	4,400,000	2,738,258	3,973,356	6,106	4,950,000	3,720,000
1968.....	4,800,000	3,355,271	4,171,106	6,327	5,595,000	4,169,000
1969.....	5,425,000	4,164,261	4,150,558	5,885	6,029,000	4,575,000
1970.....	5,425,000	4,879,096	4,375,173	6,110	6,199,000	4,601,000
1971.....	5,553,761	5,870,798	4,652,387	5,860	5,981,000	4,494,000
1972.....	5,650,000	6,577,372	4,657,134	7,870	6,431,000	4,831,000
1973.....	5,450,000	7,777,372	4,713,073	7,059	5,955,000	4,222,000
1974.....	5,450,000	8,927,372	4,530,000	6,990	5,897,000	4,181,000

<sup>1</sup> Annual authority becomes available for obligation not later than Jan. 1 in the preceding year and are shown in the year in which they become available. Amounts exclude contract authorities for emergency relief.

FEDERAL-AID HIGHWAYS (LIQUIDATION OF CONTRACT  
AUTHORIZATION) (TRUST FUND)—Continued

## Object Classification (in thousands of dollars)

Identification code 21-25-8102-0-7-503		1972 actual	1973 est.	1974 est.
<b>FEDERAL HIGHWAY ADMINISTRATION</b>				
Personnel compensation:				
11.1	Permanent positions.....	1,990	1,615	1,700
11.3	Positions other than permanent.....	76	52	52
11.5	Other personnel compensation.....	182	162	162
	Total personnel compensation.....	2,249	1,829	1,914
Direct obligations:				
	Personnel compensation.....	466		
12.1	Personnel benefits: Civilian.....	41		
21.0	Travel and transportation of persons.....	121		
22.0	Transportation of things.....	29		
23.0	Rent, communications, and utilities.....	16		
24.0	Printing and reproduction.....	1		
25.0	Other services.....	307		
25.0	Payment to Forest highways.....		600	600
25.0	Payment to Salaries and expenses.....	94,214	98,400	106,000
26.0	Supplies and materials.....	28		
41.0	Grants, subsidies, and contributions.....	4,864,129	4,339,304	4,293,400
	Total direct obligations.....	4,959,351	4,438,304	4,400,000
Reimbursable obligations:				
	Personnel compensation.....	1,783	1,829	1,914
12.1	Personnel benefits: Civilian.....	182	187	197
21.0	Travel and transportation of persons.....	144	145	145
22.0	Transportation of things.....	68	70	70
23.0	Rent, communications, and utilities.....	955	960	960
25.0	Other services.....	243	250	250
26.0	Supplies and materials.....	919	920	920
31.0	Equipment.....	922	12,639	12,544
	Total reimbursable obligations.....	5,217	17,000	17,000
	Total obligations, Federal Highway Administration.....	4,964,567	4,455,304	4,417,000
<b>ALLOCATION ACCOUNTS</b>				
Personnel compensation:				
11.1	Permanent positions.....	1,772	1,655	
11.3	Positions other than permanent.....	1,188	1,488	
11.5	Other personnel compensation.....	233	272	
	Total personnel compensation.....	3,193	3,415	
12.1	Personnel benefits: Civilian.....	261	284	
21.0	Travel and transportation of persons.....	125	127	
22.0	Transportation of things.....	398	428	
23.0	Rent, communications, and utilities.....	411	411	
24.0	Printing and reproduction.....	9	10	
25.0	Other services.....	2,550	4,601	
26.0	Supplies and materials.....	627	810	
31.0	Equipment.....	24	25	
32.0	Lands and structures.....	1,578	1,600	
42.0	Insurance claims and indemnities.....	6		
	Subtotal.....	9,182	11,711	
95.0	Quarters and subsistence charges.....	-9	-15	
	Total obligations, allocation accounts.....	9,173	11,696	
99.0	Total obligations.....	4,973,740	4,467,000	4,417,000
Obligations are distributed as follows:				
	Federal Highway Administration.....	4,964,567	4,455,304	4,417,000
	Agriculture, Forest Service.....	8,502	11,409	
	Interior, Bureau of Indian Affairs.....	671	287	

## Personnel Summary

FEDERAL HIGHWAY  
ADMINISTRATION

Direct:			
Total number of permanent positions.....	27		
Full-time equivalent of other positions.....	4		
Average paid employment.....	31		
Average GS grade.....	7.8		
Average GS salary.....	\$12,121		
Reimbursable:			
Total number of permanent positions.....	141	113	113
Full-time equivalent of other positions.....	5	5	5
Average paid employment.....	102	100	100
Average GS grade.....	8.3	8.1	8.1
Average GS salary.....	\$11,848	\$11,769	\$11,908

## ALLOCATION ACCOUNTS

Total number of permanent positions.....	157	151	
Full-time equivalent of other positions.....	151	192	
Average paid employment.....	308	339	
Average GS grade.....	8.5	8.5	
Average GS salary.....	\$12,646	\$12,993	

RIGHT-OF-WAY REVOLVING FUND (LIQUIDATION OF CONTRACT  
AUTHORIZATION) (TRUST FUND)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 108(c), as authorized by section 7(c) of the Federal-Aid Highway Act of 1968, [\$35,000,000] \$16,000,000, to remain available until expended, and to be derived from the "Highway trust fund" at such times and in such amounts as may be necessary to meet current withdrawals. (Federal-Aid Highway Act of 1970, 82 Stat. 819; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-25-8402-0-8-503		1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>				
	Advance acquisitions of right-of-way (program costs, funded).....	17,116	47,500	50,200
	Change in selected resources <sup>1</sup> .....	29,102	2,500	-2,200
10	Total obligations (object class 33.0).....	46,218	50,000	48,000
<b>Financing:</b>				
21.49	Unobligated balance available, start of year: Contract authority.....	-219,000	-172,782	-122,782
24.49	Unobligated balance available, end of year: Contract authority.....	172,782	122,782	74,782
<b>Budget authority.....</b>				
Budget authority:				
40	Appropriation.....	25,000	35,000	16,000
40.49	Portion applied to liquidate contract authority.....	-25,000	-35,000	-16,000
43	Appropriation (adjusted).....			
<b>Relation of obligations to outlays:</b>				
71	Obligations incurred, net.....	46,218	50,000	48,000
72.49	Obligated balance, start of year: Contract authority.....	6,000	27,218	42,218
72.98	Fund balance.....	38,960	46,844	34,344
74.49	Obligated balance, end of year: Contract authority.....	-27,218	-42,218	-74,218
74.98	Fund balance.....	-46,844	-34,344	-144
90	Outlays.....	17,116	47,500	50,200

<sup>1</sup> Balances of selected resources are identified on the statement of financial condition.

**Status of Unfunded Contract Authority (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	225,000	200,000	165,000
Unfunded balance, end of year.....	-200,000	-165,000	-149,000
Appropriation from the Highway trust fund to liquidate contract authority..	25,000	35,000	16,000

The Federal-Aid Highway Act of 1968 provided for the establishment of a right-of-way revolving fund to provide interest-free loans for the advance acquisition of rights-of-way by the States and payment of relocation expenses including the State share of the cost. Upon construction of the highway project, the advance for right-of-way acquisition and relocation expenses is repaid to the revolving fund.

Contract authority totaling \$300 million was authorized from the Highway trust fund. In 1974, additional obligations of \$48 million will be made to the States from unused contract authority balances.

**Revenue and Expense (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Advances for acquisition of rights-of-way program:			
Expense.....	-17,116	-47,500	-50,200
Net operating loss.....	-17,116	-47,500	-50,200

**Financial Condition (in thousands of dollars)**

	1971 actual	1972 actual	1973 est.	1974 est.
<b>Assets:</b>				
Drawing account with Treasury	1,430	313		
Advances (loans).....	36,040	53,156	100,656	150,856
Due from Highway trust fund..	37,530	46,531	34,344	144
Total assets.....	75,000	100,000	135,000	151,000
<b>Government equity:</b>				
Non-interest-bearing capital:				
Loan obligations <sup>1</sup> .....	44,960	74,062	76,562	74,362
Unobligated balance.....	219,000	172,782	122,782	74,782
Invested capital.....	36,040	53,156	100,656	150,856
Subtotal.....	300,000	300,000	300,000	300,000
Undrawn authority.....	-225,000	-200,000	-165,000	-149,000
Total Government equity..	75,000	100,000	135,000	151,000

**Analysis of Changes in Government Equity (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Non-interest-bearing capital:			
Start of year.....	75,000	100,000	135,000
Appropriation.....	25,000	35,000	16,000
Total Government equity (end of year)	100,000	135,000	151,000

<sup>1</sup> The "Change in selected resources" entry on the program and financing schedule relates to this item.

**FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)  
(TRUST FUND)****Program and Financing (in thousands of dollars)**

Identification code 21-25-8065-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Construction.....		240	3,740
2. Administration.....		10	160
3. Forest Service Administration..			100
Total direct program costs, funded.....		250	4,000

**Reimbursable program:**

I. Construction.....			4,000
Total program costs, funded..		250	8,000
Change in selected resources <sup>1</sup> .....		1,146	12,000
10 Total obligations.....		1,396	20,000
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....			-3,471
13 Trust funds.....			-487
14 Non-Federal sources.....			-41
Unobligated balance available, start of year:			
21.40 Appropriation.....		-10,000	-8,604
21.49 Contract authority.....	-33,000	-56,000	-56,000
Unobligated balance available, end of year:			
24.40 Appropriation.....	10,000	8,604	
24.49 Contract authority.....	56,000	56,000	65,999
25.49 Unobligated balance lapsing: Contract authority.....			15,604
Budget authority.....	33,000		33,000

**Budget authority:**

Current:			
40 Appropriation.....	10,000		
40.49 Portion applied to liquidate contract authority.....	-10,000		
43 Appropriation (adjusted).....			
69 Permanent:			
Contract authority (84 Stat. 1715).....	33,000		33,000

**Relation of obligations to outlays:**

71 Obligations incurred, net.....	1,396	16,000
Obligated balance, start of year:		
72.40 Appropriation.....		1,146
Obligated balance, end of year:		
74.40 Appropriation.....	-1,146	-5,750
74.49 Contract authority.....		-7,396
90 Outlays.....	250	4,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$0; 1973, \$1.146 thousand; 1974, \$13.146 thousand.

**Status of Unfunded Contract Authority (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	33,000	56,000	56,000
Contract authority.....	33,000		133,000
Unfunded balance lapsing.....			-15,604
Unfunded balance, end of year.....	-56,000	-56,000	-73,396
Appropriation from the Highway trust fund to liquidate contract authority..	10,000		

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

Contract authorizations were made available by the Federal-Aid Highway Act of 1970 for each of the years 1972 and 1973 in the amount of \$33 million from the Highway trust fund. Additional contract authority for 1975 will be requested in proposed highway legislation. Contract authority is available 1 year in advance of the year for which authorized.

The \$16 million obligation level for 1974 will be applied against Highway trust fund authority. The \$15.6 million unobligated balance of the 1972 authorization will lapse in 1974.

**FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)  
(TRUST FUND)—Continued****Object Classification (in thousands of dollars)**

Identification code 21-25-8065-0-7-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....			4,137
11.3 Positions other than permanent.....			320
11.5 Other personnel compensation.....			150
<b>Total personnel compensation.....</b>			<b>4,607</b>
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
12.1 Personnel benefits: Civilian.....			2,519
21.0 Travel and transportation of persons.....			181
22.0 Transportation of things.....			635
23.0 Rent, communications, and utilities.....			195
24.0 Printing and reproduction.....			95
25.0 Other services.....			12
26.0 Supplies and materials.....			1,060
31.0 Equipment.....			470
41.0 Grants, subsidies, and contributions.....		1,396	10,402
<b>Total direct obligations.....</b>		<b>1,396</b>	<b>16,000</b>
<b>Reimbursable obligations:</b>			
<b>Personnel compensation:</b>			
12.1 Personnel benefits: Civilian.....			2,088
21.0 Travel and transportation of persons.....			157
22.0 Transportation of things.....			160
23.0 Rent, communications, and utilities.....			31
24.0 Printing and reproduction.....			60
25.0 Other services.....			7
26.0 Supplies and materials.....			1,430
31.0 Equipment.....			60
<b>Total reimbursable obligations.....</b>			<b>4,000</b>
<b>99.0 Total obligations.....</b>		<b>1,396</b>	<b>20,000</b>

**Personnel Summary**

Total number of permanent positions.....	349
Full-time equivalent of other positions.....	57
Average paid employment.....	406
Average GS grade.....	7.6
Average GS salary.....	\$11,765

**PUBLIC LANDS HIGHWAYS (LIQUIDATION OF CONTRACT  
AUTHORIZATION) (TRUST FUND)****Program and Financing (in thousands of dollars)**

Identification code 21-25-8066-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Construction.....			960
2. Administration.....			40
<b>Total program costs, funded.....</b>			<b>1,000</b>
<b>Change in selected resources <sup>1</sup>.....</b>			<b>4,000</b>
<b>10 Total obligations.....</b>			<b>5,000</b>
<b>Financing:</b>			
Unobligated balance available, start of year:			
21.40 Appropriation.....		-5,000	-5,000
21.49 Contract authority.....	-16,000	-27,000	-27,000
Unobligated balance available, end of year:			
24.40 Appropriation.....	5,000	5,000	
24.49 Contract authority.....	27,000	27,000	32,000
25.49 Unobligated balance lapsing: Contract authority.....			11,000
<b>Budget authority.....</b>	<b>16,000</b>		<b>16,000</b>

**Budget authority:**

<b>Current:</b>			
40 Appropriation.....	5,000		
40.49 Portion applied to liquidate contract authority.....	-5,000		
<b>43 Appropriation (adjusted).....</b>			
<b>Permanent:</b>			
69 Contract authority (84 Stat. 1715).....	16,000		16,000
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....			5,000
74.40 Obligated balance, end of year: Appropriation.....			-4,000
<b>90 Outlays.....</b>			<b>1,000</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$0; 1973, \$0; 1974, \$4,000 thousand.

**Status of Unfunded Contract Authority (in thousands of dollars)**

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	16,000	27,000	27,000
Contract authority.....	16,000		<sup>1</sup> 16,000
Unfunded balance lapsing.....			-11,000
Unfunded balance, end of year.....	-27,000	-27,000	-32,000
<b>Appropriation from the Highway trust fund to liquidate contract authority.....</b>	<b>5,000</b>		

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

Contract authorizations were made available by the Federal-Aid Highway Act of 1970 for each of the years 1972 and 1973 in the amount of \$16 million from the Highway trust fund. Additional contract authority for 1975 will be requested in proposed highway legislation. Contract authority is available 1 year in advance of the year for which authorized.

The \$5 million obligation level for 1974 will be applied against Highway trust fund authority. The \$11 million unobligated balance of the 1972 authorization will lapse in 1974.

**Object Classification (in thousands of dollars)**

Identification code 21-25-8066-0-7-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....			239
11.3 Positions other than permanent.....			10
11.5 Other personnel compensation.....			7
<b>Total personnel compensation.....</b>			<b>256</b>
12.1 Personnel benefits: Civilian.....			23
21.0 Travel and transportation of persons.....			30
22.0 Transportation of things.....			20
23.0 Rent, communications, and utilities.....			5
25.0 Other services.....			265
26.0 Supplies and materials.....			3
41.0 Grants, subsidies, and contributions.....			4,398
<b>99.0 Total obligations.....</b>			<b>5,000</b>

**Personnel Summary**

Total number of permanent positions.....	20
Full-time equivalent of other positions.....	2
Average paid employment.....	22
Average GS grade.....	7.6
Average GS salary.....	\$11,765

## BALTIMORE-WASHINGTON PARKWAY TRUST FUND

## Program and Financing (in thousands of dollars)

Identification code 21-25-8014-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Baltimore Washington Parkway (program costs, funded).....		400	1,500
Change in selected resources <sup>1</sup> .....		2,100	-1,500
10 Total obligations (object class 32.0).....		2,500	
<b>Financing:</b>			
21 Unobligated balance available, start of year.....		-2,500	
24 Unobligated balance available, end of year.....	2,500		
40 Budget authority (appropriation).....	2,500		
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....		2,500	
72 Obligated balance, start of year.....			2,100
74 Obligated balance, end of year.....		-2,100	-600
90 Outlays.....		400	1,500

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971 \$0; 1972, \$0; 1973, \$2,100 thousand; 1974, \$600 thousand.

The Federal-Aid Highway Act of 1970 authorized the Secretary of Transportation, the Secretary of the Interior, and the State of Maryland to enter into an agreement for reconstruction of the section of the Baltimore-Washington Parkway now under the jurisdiction of the Department of the Interior.

The \$2.5 million appropriation enacted in 1972 will be sufficient to carry out the preliminary engineering on this project during 1973 and 1974.

## TRUST FUND SHARE OF OTHER HIGHWAY PROGRAMS

## Program and Financing (in thousands of dollars)

Identification code 21-25-8009-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Highway safety—research, demonstration and training.....	1,400	5,600	9,800
2. Rail crossings—demonstration projects.....		700	3,500
3. Highway-related safety grants.....	1,631	7,500	9,000
Total program costs, funded.....	3,031	13,800	22,300
Change in selected resources <sup>1</sup> .....	6,976	4,026	1,700
10 Total obligations (object class 25.0).....	10,007	17,826	24,000
<b>Financing:</b>			
21.49 Unobligated balance available, start of year: Contract authority.....	-20,000	-34,393	-22,767
24.49 Unobligated balance available, end of year: Contract authority.....	34,393	22,767	43,967
Budget authority.....	24,400	6,200	45,200
<b>Budget authority:</b>			
<b>Current:</b>			
40 Appropriation.....	7,733	14,200	22,200
40.49 Portion applied to liquidate contract authority.....	-3,333	-8,000	-7,000
43 Appropriation (adjusted).....	4,400	6,200	15,200
<b>Permanent:</b>			
69 Contract authority (84 Stat. 1741).....	20,000		30,000
<b>Distribution of budget authority by account:</b>			
Highway safety—research, demonstration and training.....	1,400	5,600	9,800

Rail crossings—demonstration projects.....	3,000	600	5,400
Highway-related safety grants.....	20,000		30,000

<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	10,007	17,826	24,000
<b>Obligated balance, start of year:</b>			
72.40 Appropriation.....		4,702	5,102
72.49 Contract authority.....		2,274	5,900
<b>Obligated balance, end of year:</b>			
74.40 Appropriation.....	-4,702	-5,102	-5,002
74.49 Contract authority.....	-2,274	-5,900	-7,700
90 Outlays.....	3,031	13,800	22,300

<b>Distribution of outlays by account:</b>			
Highway safety—research, demonstration and training.....	1,400	5,600	9,800
Rail crossings—demonstration projects.....		700	3,500
Highway-related safety grants.....	1,631	7,500	9,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$6,976 thousand; 1973, \$11,002 thousand; 1974, \$12,702 thousand.

## Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	20,000	36,667	28,667
Contract authority.....	20,000		130,000
Unfunded balance, end of year.....	-36,667	-28,667	-51,667
<b>Appropriation to liquidate contract authority.....</b>			
	3,333	8,000	7,000

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

**Highway safety—research, demonstration and training.**—Provides \$9.8 million in 1974 from the Highway trust fund for highway safety research, demonstration and training activities pursuant to 23 U.S.C. 403 to reimburse the appropriation, Salaries and expenses.

**Rail crossings—demonstration projects.**—Provides \$5.4 million in 1974 from the Highway trust fund for the elimination of unsafe highway-railroad grade crossings along the route of the Washington, D.C., to Boston, Mass., highspeed rail demonstration project, and in the vicinity of Greenwood, S.C., when the crossing is located on any designated Federal-aid highway system. This amount will reimburse the appropriation, Rail crossings—demonstration projects, which provides for the Federal fund portion of the demonstration program.

**Highway-related safety grants.**—The Highway Safety Act of 1970 provided \$30 million of contract authority for each of the years 1972 and 1973, two-thirds of which is financed from the Highway trust fund, for grants to States and communities to implement the highway safety standards administered by the Federal Highway Administration.

Additional contract authority for 1975, all from the Highway trust fund, will be requested in proposed legislation. Contract authority is available 1 year in advance of the year for which authorized. No contract authority is requested for 1974 since sufficient authority exists from prior years.

## HIGHWAY TRUST FUND

## Amounts Available for Appropriation (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unexpended balance brought forward.....	3,651,696	4,489,531	5,401,173
Balance in expenditure accounts.....	-16,828	-33,150	
Appropriation balance.....	-48,512	-86,049	-278,948
Unappropriated balance, start of year..	3,586,356	4,370,332	5,122,225

## HIGHWAY TRUST FUND—Continued

## Amounts Available for Appropriation (in thousands of dollars)—Continued

	1972 actual	1973 est.	1974 est.
Receipts, net: Existing legislation.....	5,528,053	5,751,000	6,041,000
Total available for appropriation.....	9,114,408	10,121,332	11,163,225
Appropriations:			
Federal Highway Administration:			
Federal-aid highways (liquidation of contract authority).....	4,662,093	4,891,990	4,320,000
Right-of-way revolving fund (liquidation of contract authority).....	25,000	35,000	16,000
Forest highways (liquidation of contract authority).....	10,000	-----	-----
Public lands highways (liquidation of contract authority).....	5,000	-----	-----
Baltimore-Washington Parkway trust fund.....	2,500	-----	-----
Trust fund share of other highway programs:			
Appropriation.....	4,400	6,200	15,200
Liquidation of contract authority.....	3,333	8,000	7,000
National Highway Traffic Safety Administration:			
Trust fund share of highway safety programs:			
Appropriation.....	25,750	29,490	41,882
Appropriation lapsing.....	-----	-1,073	-----
Liquidation of contract authority.....	6,000	29,500	70,305
Total appropriations.....	4,744,076	4,999,107	4,470,387
Unexpended balance, end of year.....	4,489,531	5,401,173	6,730,643
Balance in expenditure accounts.....	-33,150	-----	-----
Appropriated balance.....	-86,049	-278,948	-37,805
Unappropriated balance, end of year..	4,370,332	5,122,225	6,692,838

The Highway Revenue Act of 1956, as amended, provides for the transfer from the General fund to the Highway trust fund of revenue from the gasoline tax and certain other taxes paid by highway users. The Secretary of the Treasury estimates the amounts to be so transferred. In turn, annual appropriations are authorized from this fund to meet expenditures for Federal-aid highways and other programs specified by law.

The status of the fund is as follows (in thousands of dollars):

	1972 actual	1973 estimate	1974 estimate
Unexpended balance brought forward:			
U.S. securities (par).....	3,634,868	4,456,381	5,400,000
Cash.....	16,828	33,150	8,873
Balance of fund at start of year..	3,651,696	4,489,531	5,401,173
Cash income during the year:			
Governmental receipts: From excise taxes:			
Gasoline tax.....	3,755,721	3,970,000	4,150,000
Truck, bus, and trailer taxes.....	605,226	366,000	375,000
Tire, innertube, and tread rubber taxes.....	682,384	724,000	744,000
Diesel fuel taxes.....	291,858	304,000	319,000
Lubricating oil taxes.....	90,745	92,000	95,000
Use tax on certain vehicles.....	150,507	152,000	154,000
Truck parts and accessories tax.....	86,693	91,000	94,000
Transfers to land and water conservation fund.....	-28,000	-30,000	-31,000
Refund of taxes.....	-312,710	-153,000	-151,000
Intrabudgetary transactions: Interest on investments.....	205,630	235,000	292,000
Total annual income.....	5,528,053	5,751,000	6,041,000

## Cash outgo during the year:

Federal Highway Administration appropriations:			
Federal-aid highways (liquidation of contract authority).....	4,657,134	4,713,073	4,530,000
Right-of-way revolving fund (liquidation of contract authority).....	17,116	47,500	50,200
Forest highways (liquidation of contract authority).....	-----	250	4,000
Public lands highways (liquidation of contract authority).....	-----	-----	1,000
Trust fund share of other highway programs.....	3,031	13,800	22,300
Baltimore-Washington Parkway trust fund.....	-----	400	1,500
National Highway Traffic Safety Administration appropriation: Trust fund share of highway safety programs.....	12,936	64,335	102,530
Total annual outgo.....	4,690,217	4,839,358	4,711,530
Unexpended balance carried forward:			
U.S. securities (par).....	4,456,381	5,400,000	6,730,000
Cash.....	33,150	1,173	643
Balance of fund at end of year....	4,489,531	5,401,173	6,730,643

## OTHER FEDERAL HIGHWAY ADMINISTRATION TRUST FUNDS

## Program and Financing (in thousands of dollars)

Identification code	21-25-9998-0-7-999	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>				
1. Contributions for highway research programs.....	-----	-----	16	10
2. Cooperative work, forest highways.....	1,374	2,000	1,000	-----
3. Equipment, supplies, etc., for cooperating countries.....	1,354	2,290	-----	-----
4. Pentagon road network.....	-----	49	-----	-----
5. Technical assistance, U.S. dollars advanced from foreign governments.....	971	1,010	800	-----
6. Advances from State cooperating agencies.....	103	324	190	-----
Total program costs, funded..	3,802	5,689	2,000	-----
Change in selected resources ..	-1,654	-2,899	-----	-----
10 Total obligations.....	2,148	2,790	2,000	-----
<b>Financing:</b>				
Unobligated balance available, start of year:				
21.40 Appropriation.....	-1,270	-1,043	-85	-----
21.49 Contract authority.....	-279	-38	-----	-----
Unobligated balance available, end of year:				
24.40 Appropriation.....	1,043	85	85	-----
24.49 Contract authority.....	38	-----	-----	-----
25.40 Unobligated balance lapsing: Appropriation.....	-----	206	-----	-----
Budget authority.....	1,680	2,000	2,000	-----
Budget authority:				
Permanent:				
60 Appropriation.....	3,121	4,108	2,000	-----
60.49 Portion applied to liquidate contract authority.....	-1,479	-2,108	-----	-----
63 Appropriation (adjusted).....	1,642	2,000	2,000	-----
69 Contract authority (23 U.S.C. 112, 120(8), 204; 64 Stat. 204-209).....	37	-----	-----	-----
Distribution of budget authority by account:				
Contributions for highway research programs.....	6	10	10	-----
Cooperative work, forest highways.....	889	1,000	1,000	-----
Advances from State cooperating agencies.....	135	190	190	-----
Technical assistance, U.S. dollars advanced from foreign governments.....	650	800	800	-----



Relation of obligations to outlays:				
71	Obligations incurred, net.....	2, 148	2, 790	2, 000
	Obligated balance, start of year:			
72. 40	Appropriation.....	1, 883	1, 663	591
72. 49	Contract authority.....	3, 270	2, 070	
	Obligated balance, end of year:			
74. 40	Appropriation.....	-1, 663	-591	-591
74. 49	Contract authority.....	-2, 070		
90	Outlays.....	3, 568	5, 931	2, 000
Distribution of outlays by account:				
	Contributions for highway research programs.....	1	16	10
	Cooperative work, forest highways.....	1, 323	2, 000	1, 000
	Equipment, supplies, etc., for cooperating countries.....	1, 185	2, 460	
	Technical assistance, U.S. dollars advanced from foreign governments.....	964	1, 076	800
	Advances from State cooperating agencies.....	95	331	190
	Pentagon road network.....		49	

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$4.896 thousand; 1972, \$3,243 thousand; 1973, \$344 thousand; 1974, \$344 thousand.

#### Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	3, 550	2, 108	
Contract authority.....	37		
Unfunded balance, end of year.....	-2, 108		
Appropriation to liquidate contract authority.....	1, 479	2, 108	

1. *Contributions for highway research programs.*—In association with the General Services Administration and the Department of Defense, tests of highway equipment are conducted for the purpose of establishing performance standards upon which to base specifications for use by the Government in purchasing such equipment (23 U.S.C. 307).

2. *Cooperative work, forest highways.*—Contributions are received from States and counties in connection with cooperative engineering, survey, maintenance, and construction projects for forest highways (23 U.S.C. 204).

5. *Technical assistance, U.S. dollars advanced from foreign governments.*—Under the Foreign Economic Assistance Act and under agreement with the International Bank for Reconstruction and Development and the Export-Import Bank of Washington, the Federal Highway Administration renders technical assistance and acts as agent for the purchase of equipment and materials for carrying out highway programs in foreign countries. During the current year these services are being rendered to Costa Rica, the Dominican Republic, Ethiopia, Iran, Nicaragua, and the Philippines (64 Stat. 204, 209).

6. *Advances from State cooperating agencies.*—Funds are contributed by the State highway departments or local subdivisions thereof for construction and/or maintenance of roads or bridges. The work is performed under the supervision of the Federal Highway Administration (23 U.S.C. 308).

#### Object Classification (in thousands of dollars)

Identification code 21-25-9998-0-7-999	1972 actual	1973 est.	1974 est.
Personnel compensation:			
11. 1 Permanent positions.....	529	420	464
11. 5 Other personnel compensation.....	50	50	50
Total personnel compensation.....	579	470	514
12. 1 Personnel benefits: Civilian.....	154	122	135
21. 0 Travel and transportation of persons.....	53	53	53
22. 0 Transportation of things.....	61	61	61
23. 0 Rent, communications, and utilities.....	4	4	4
25. 0 Other services.....	35	35	35

26. 0	Supplies and materials.....	178	178	178
31. 0	Equipment.....	17	17	17
32. 0	Lands and structures.....	1, 068	1, 850	1, 003
99. 0	Total obligations.....	2, 148	2, 790	2, 000

#### Personnel Summary

Total number of permanent positions.....	33	22	22
Average paid employment.....	24	19	20
Average GS grade.....	13. 0	13. 0	13. 0
Average GS salary.....	\$21, 741	\$21, 956	\$22, 084

### NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

The Highway Safety Act of 1970 established the National Highway Traffic Safety Administration (NHTSA) within the Department of Transportation. The 1970 act also contained funding authorizations for carrying out highway safety programs on a matching basis with the States and for conducting an associated highway research and development program during 1972 and 1973. Two-thirds of the authorized funding for those years was provided from the Highway trust fund. For subsequent years, authorization for these programs will be provided in total from the Highway trust fund under proposed authorizing legislation. An authorization level of \$150 million will be proposed for 1974 for the highway safety grant program. No authority will be requested for 1973 programs since sufficient authority exists from prior years. Traffic and motor vehicle safety and motor vehicle consumer enforcement programs are to be financed entirely from Federal funds.

The following table depicts the source of financing identified with the specific item of authorizing legislation for all programs (in thousands of dollars):

Budget authority:				
Traffic and motor vehicle safety programs (Federal funds).....	1972 actual	1973 estimate	1974 estimate	
	30, 702	32, 978	35, 063	
Highway safety grant programs.....	100, 000		150, 000	
Federal funds.....	33, 333			
Highway trust fund.....	66, 667		150, 000	
Obligations: Highway safety grant program.....	(67, 096)	(82, 061)	(77, 000)	
Highway safety research and development.....	38, 625	44, 185	41, 882	
Federal funds.....	12, 875	14, 695		
Highway trust fund.....	25, 750	29, 490	41, 882	
Motor vehicle consumer information.....			15, 000	
Construction of compliance facilities (Federal funds).....	9, 600			
Total budget authority.....	178, 927	77, 163	241, 945	
Outlays:				
Traffic and motor vehicle safety programs (Federal funds).....	31, 199	20, 792	36, 185	
Highway safety grant programs.....	76, 997	68, 418	105, 000	
Federal funds.....	70, 997	38, 918	34, 695	
Highway trust fund.....	6, 000	29, 500	70, 305	
Highway safety research and development.....	22, 723	45, 208	40, 815	
Federal funds.....	15, 787	10, 373	8, 590	
Highway trust fund.....	6, 936	34, 835	32, 225	
Motor vehicle consumer information.....			7, 500	
Construction of compliance facilities (Federal funds).....		582		
Total outlays.....	130, 919	135, 000	189, 500	

**Federal Funds****General and special funds:****TRAFFIC AND HIGHWAY SAFETY**

For expenses necessary to discharge the functions of the Secretary with respect to traffic and highway safety<sup>1</sup>, including services authorized by 5 U.S.C. 3109, \$44,185,000<sup>1</sup> and functions under the *Motor Vehicle Information and Cost Savings Act (Public Law 92-513)*, \$91,945,000, of which \$29,490,000<sup>1</sup> \$41,882,000 shall be derived from the Highway trust fund: *Provided, That not to exceed \$14,328,000 shall remain available until expended for the contractual and State grant requirements of the Motor Vehicle Information and Cost Savings Act.*

<sup>1</sup>For an additional amount for "Traffic and Highway Safety," \$33,000,000. (80 Stat. 416; *Department of Transportation and Related Agencies Appropriation Act, 1973; Supplemental Appropriation Act, 1973*; additional authorizing legislation to be proposed for \$76,945,000.)

**Program and Financing (in thousands of dollars)**

Identification code 21-27-0650-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Program direction and coordination...	2,150	2,516	2,641
2. Motor vehicle program.....	6,731	7,619	8,511
3. Traffic safety program.....	20,114	22,225	23,336
4. Research and analysis.....	26,603	27,230	35,635
5. Staff and administrative support services.....	5,654	6,410	6,877
6. Motor vehicle consumer information...			15,000
Total program costs, funded.....	61,252	66,000	92,000
Change in selected resources <sup>1</sup> .....	10,824	10,863	3,745
10 Total obligations.....	72,076	76,863	95,745
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Federal funds.....	-3,575	-3,700	-3,800
13 Trust funds.....	-25,750	-28,417	-41,882
25 Unobligated balance lapsing.....	825	2,927	
Budget authority.....	43,577	47,673	50,063
<b>Budget authority:</b>			
40 Appropriation.....	43,587	47,695	50,063
41 Transferred to other accounts.....	-10	-22	
43 Appropriation (adjusted).....	43,577	47,673	50,063
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	42,751	44,746	50,063
72 Obligated balance, start of year.....	29,798	25,863	39,444
74 Obligated balance, end of year.....	-25,863	-39,444	-37,232
77 Adjustments in expired accounts.....	300		
90 Outlays.....	46,986	31,165	52,275

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$31,306 thousand; 1972, \$42,130 thousand; 1973, \$52,993 thousand; 1974, \$56,738 thousand.

1. *Program direction and coordination.*—This activity provides direction, coordination, and implementation of overall policies, programs, and objectives. Staff offices carry out responsibilities in planning, scientific matters, legal services, consumer affairs and civil rights.

2. *Motor vehicle program.*—This activity encompasses the development, promulgation, and enforcement of safety standards for new and used motor vehicles, tires, and equipment. Compliance evaluations and defects investigations are undertaken to determine safety-related motor vehicle defects. Studies are made to determine the effects on product costs and leadtime for implementation by industry.

3. *Traffic safety programs.*—This activity provides for headquarters and field staff to establish policy, program, and technical guidance to the States in executing highway

safety programs, to determine program effectiveness and to assure conformity with governing laws and regulations. Funding is also provided to carry out training and execution programs, conduct demonstration projects that will speed the implementation of new safety techniques into practice. Funding requirements for 1974 reflect a slight net reduction below 1973 due to the completion of nine alcohol safety action projects.

4. *Research and analysis.*—This activity provides for motor vehicle and highway safety research and development, for the collection of data to determine the relationship between motor vehicle or equipment performance characteristics and crashes or the occurrence of death or personal injury as a result of such crashes, and for operation of the National Driver Register, which provides centralized information on license revocations.

5. *Staff and administrative support services.*—Provides for services such as budgeting, personnel management, office services, and contracting and procurement, to support all activities conducted by this organization.

6. *Motor vehicle consumer information.*—Pursuant to the Motor Vehicle Information and Cost Savings Act this activity provided for: The development of cost-effective bumper performance standards designed to prevent damage caused by low-speed collisions; consumer information relating to the comparative safety and damageability of passenger cars; establishment of diagnostic inspection demonstration projects; and the establishment of odometer regulations.

**Object Classification (in thousands of dollars)**

Identification code 21-27-0650-0-1-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	12,795	14,233	15,125
11.3 Positions other than permanent.....	525	550	550
11.5 Other personnel compensation.....	231	230	230
Total personnel compensation.....	13,551	15,013	15,905
12.1 Personnel benefits: Civilian.....	1,107	1,247	1,323
13.0 Benefits for former personnel.....	1		
21.0 Travel and transportation of persons.....	1,011	948	986
22.0 Transportation of things.....	182	175	175
23.0 Rent, communications, and utilities.....	641	728	833
24.0 Printing and reproduction.....	484	500	500
25.0 Other services.....	54,783	57,982	70,697
26.0 Supplies and materials.....	148	177	192
31.0 Equipment.....	155	93	134
32.0 Lands and structures.....	13		
41.0 Grants, subsidies, and contributions.....			5,000
99.0 Total obligations.....	72,076	76,863	95,745

**Personnel Summary**

Total number of permanent positions.....	841	841	881
Full-time equivalent of other positions.....	45	45	45
Average paid employment.....	745	764	803
Average GS grade.....	10.9	10.9	10.9
Average GS salary.....	\$17,993	\$18,314	\$18,364

**CONSTRUCTION OF COMPLIANCE FACILITIES****Program and Financing (in thousands of dollars)**

Identification code 21-27-0653-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Design, construction, and equipment (program costs, funded).....		582	
Change in selected resources <sup>1</sup> .....	582	-582	
10 Total obligations (object class 25.0)...	582		

<b>Financing:</b>			
21	Unobligated balance available, start of year	-----	-9,018
24	Unobligated balance available, end of year	9,018	9,018
<hr/>			
40	<b>Budget authority (appropriation)</b>	<b>9,600</b>	-----
<hr/>			
<b>Relation of obligations to outlays:</b>			
71	Obligations incurred, net	582	-----
72	Obligated balance, start of year	-----	582
74	Obligated balance, end of year	-582	-----
<hr/>			
90	<b>Outlays</b>	-----	<b>582</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$582 thousand; 1973, \$0; 1974, \$0.

An appropriation was made in 1972 for the design, construction, and equippage of a compliance test facility. Initiation of construction will not be undertaken in 1974.

STATE AND COMMUNITY HIGHWAY SAFETY (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 402, to remain available until expended, **[\$70,000,000]** \$100,557,000, of which **[\$29,500,000]** \$70,305,000 shall be derived from the Highway trust fund. (80 Stat. 731; 84 Stat. 1740; Department of Transportation and Related Agencies Appropriation Act, 1973.)

Program and Financing (in thousands of dollars)

Identification code 21-27-0651-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. State and community grants	53,934	63,700	101,700
2. Administration of grant programs	3,300	3,300	3,300
Total program costs, funded	57,234	67,000	105,000
Change in selected resources <sup>1</sup>	9,862	15,061	-28,000
10 Total obligations	67,096	82,061	77,000
<hr/>			
<b>Financing:</b>			
13 Receipts and reimbursements from:			
Trust funds	-44,731	-52,508	-65,564
21.49 Unobligated balance available, start of year: Contract authority	-30,021	-40,989	-11,436
24.49 Unobligated balance available, end of year: Contract authority	40,989	11,436	-----
Budget authority	33,333	-----	-----
<hr/>			
<b>Budget authority:</b>			
<b>Current:</b>			
40 Appropriation	61,000	40,500	30,252
40.49 Portion applied to liquidate contract authority	-61,000	-40,500	-30,252
<hr/>			
43 Appropriation (adjusted)	-----	-----	-----
<b>Permanent:</b>			
69 Contract authority (84 Stat. 1741)	33,333	-----	-----
<hr/>			
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net	22,365	29,553	11,436
Obligated balance, start of year:			
72.40 Appropriation	12,858	2,861	4,443
72.49 Contract authority	79,006	40,370	29,423
Obligated balance, end of year:			
74.40 Appropriation	-2,861	-4,443	-----
74.49 Contract authority	-40,370	-29,423	-10,607
90 Outlays	70,997	38,918	34,695

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$91,895 thousand; 1972, \$101,758 thousand; 1973, \$116,819 thousand; 1974, \$88,819 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year	109,026	81,360	40,860
Contract authority	33,333	-----	-----
Unfunded balance, end of year	-81,360	-40,860	-10,607
<hr/>			
Appropriation to liquidate contract authority	61,000	40,500	30,252

Under the State and community highway safety program, Federal grants are provided to assist the States and their political subdivisions in the establishment of highway safety programs such as driver licensing, motor vehicle registration, traffic records, police traffic services, driver education, etc. Individual States are also utilizing this funding to supplement federally funded alcohol safety action projects. 1974 programs will emphasize high payoff alcohol countermeasures and selective traffic enforcement. Highway safety programs are based on comprehensive statewide plans prepared in accordance with uniform standards promulgated by the Secretary of Transportation. The States are required to match Federal grants.

A total of \$90 million in obligations is planned for highway safety programs in 1974, including those obligations to be incurred by both the National Highway Traffic Safety Administration (NHTSA) and the Federal Highway Administration (FHWA). A tentative distribution would include \$13 million for FHWA and \$77 million for NHTSA. Annual program plans as submitted by the States and approved by the two agencies will determine the actual distribution of obligations.

Object Classification (in thousands of dollars)

Identification code 21-27-0651-0-1-503	1972 actual	1973 est.	1974 est.
25.0 Other services	3,300	3,300	3,300
41.0 Grants, subsidies, and contributions	63,796	78,761	73,700
99.0 Total obligations	67,096	82,061	77,000

Trust Funds

TRUST FUND SHARE OF HIGHWAY SAFETY PROGRAMS (LIQUIDATION OF CONTRACT AUTHORIZATION)

Note.—The appropriation language for these amounts from the Highway trust fund is contained in the language of the Traffic and highway safety and State and community highway safety appropriations.

Program and Financing (in thousands of dollars)

Identification code 21-27-8016-0-7-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. State and community grants	9,830	32,678	59,648
2. Highway safety research and development	7,999	28,417	41,882
Total program costs, funded	17,829	61,095	101,530
Change in selected resources <sup>1</sup>	52,652	19,830	5,916
10 Total obligations (object class 25.0)	70,481	80,925	107,446

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$52,652 thousand; 1973, \$72,482 thousand; 1974, \$78,398 thousand.

TRUST FUND SHARE OF HIGHWAY SAFETY PROGRAMS (LIQUIDATION  
OF CONTRACT AUTHORIZATION)—Continued

## Program and Financing (in thousands of dollars)—Continued

Identification code 21-27-8016-0-7-503	1972 actual	1973 est.	1974 est.
<b>Financing:</b>			
21.49 Unobligated balance available, start of year: Contract authority.....	-50,000	-71,936	-19,428
24.49 Unobligated balance available, end of year: Contract authority.....	71,936	19,428	103,864
25 Unobligated balance lapsing.....		1,073	
<b>Budget authority</b> .....	<b>92,417</b>	<b>29,490</b>	<b>191,882</b>
<b>Budget authority:</b>			
<b>Current:</b>			
40 Appropriation.....	31,750	58,990	112,187
40.49 Portion applied to liquidate contract authority.....	-6,000	-29,500	-70,305
43 <b>Appropriation (adjusted)</b> .....	<b>25,750</b>	<b>29,490</b>	<b>41,882</b>
<b>Permanent:</b>			
69 <b>Contract authority (84 Stat. 1741)</b> .....	<b>66,667</b>		<b>150,000</b>
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	70,481	80,925	107,446
Obligated balance, start of year:			
72.40 Appropriation.....		18,814	12,396
72.49 Contract authority.....		38,731	61,739
Obligated balance, end of year:			
74.40 Appropriation.....	-18,814	-12,396	-22,053
74.49 Contract authority.....	-38,731	-61,739	-56,998
90 <b>Outlays</b> .....	<b>12,936</b>	<b>64,335</b>	<b>102,530</b>

## Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	50,000	110,667	81,167
Contract authority.....	66,667		150,000
Unfunded balance, end of year.....	-110,667	-81,167	-160,862
<b>Appropriation from the Highway trust fund to liquidate contract authority.....</b>			
	<b>6,000</b>	<b>29,500</b>	<b>70,305</b>

<sup>1</sup> Pending enactment of the Federal-Aid Highway Act.

Funds are transferred to the traffic and highway safety and State and community highway safety appropriations. Details are shown in the schedule for those accounts.

## FEDERAL RAILROAD ADMINISTRATION

## Federal Funds

## General and special funds:

## OFFICE OF THE ADMINISTRATOR

## SALARIES AND EXPENSES

For necessary expenses of the Federal Railroad Administration, **[\$2,835,000] \$3,200,000.** (Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-30-0700-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
<b>General management and administration:</b>			
Direct program.....	2,023	2,900	3,200
Reimbursable program.....	37	54	140
<b>Total program costs, funded</b> .....	<b>2,060</b>	<b>2,954</b>	<b>3,340</b>
Change in selected resources <sup>1</sup> .....	148	-65	
10 <b>Total obligations</b> .....	<b>2,208</b>	<b>2,889</b>	<b>3,340</b>

## Financing:

11 Receipts and reimbursements from:			
Federal funds.....	-37	-54	-140
25 Unobligated balance lapsing.....	69		
<b>Budget authority</b> .....	<b>2,240</b>	<b>2,835</b>	<b>3,200</b>
<b>Budget authority:</b>			
40 Appropriation.....	2,205	2,835	3,200
42 Transferred from other accounts.....	35		
43 <b>Appropriation (adjusted)</b> .....	<b>2,240</b>	<b>2,835</b>	<b>3,200</b>
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	2,171	2,835	3,200
72 Obligated balance, start of year.....	12	324	324
74 Obligated balance, end of year.....	-324	-324	-324
77 Adjustments in expired accounts.....	-15		
90 <b>Outlays</b> .....	<b>1,845</b>	<b>2,835</b>	<b>3,200</b>

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$60 thousand (1972 adjustments, -\$15 thousand); 1972, \$193 thousand; 1973, \$128 thousand; 1974, \$128 thousand.

This appropriation provides for salaries and expenses of the immediate office of the Administrator and those staff offices supporting the Federal Railroad Administration in the major fields of railroad safety and efficiency; high-speed ground transportation research, development and demonstrations; and the Alaska Railroad.

## Object Classification (in thousands of dollars)

Identification code 21-30-0700-0-1-503	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	1,347	1,965	2,310
11.3 Positions other than permanent.....	160	190	190
11.5 Other personnel compensation.....	36	35	35
<b>Total personnel compensation</b> .....	<b>1,543</b>	<b>2,190</b>	<b>2,535</b>
12.1 Personnel benefits: Civilian.....	129	176	205
21.0 Travel and transportation of persons.....	100	116	116
22.0 Transportation of things.....	13	15	15
23.0 Rent, communications, and utilities.....	66	86	117
24.0 Printing and reproduction.....	51	38	38
25.0 Other services.....	191	166	126
26.0 Supplies and materials.....	26	18	18
31.0 Equipment.....	52	30	30
<b>Total, direct obligations</b> .....	<b>2,171</b>	<b>2,835</b>	<b>3,200</b>
<b>Reimbursable obligations:</b>			
11.1 Personnel compensation: Permanent positions.....	24	29	104
12.1 Personnel benefits: Civilian.....	8	10	26
21.0 Travel and transportation of persons.....	4	12	7
23.0 Rent, communications, and utilities.....	1	3	3
<b>Total, reimbursable obligations</b> .....	<b>37</b>	<b>54</b>	<b>140</b>
99.0 <b>Total obligations</b> .....	<b>2,208</b>	<b>2,889</b>	<b>3,340</b>

## Personnel Summary

<b>Direct program:</b>			
Total number of permanent positions.....	106	130	133
Full-time equivalent of other positions.....	16	16	16
Average paid employment.....	92	126	147
Average GS grade.....	10.6	10.5	10.3
Average GS salary.....	\$16,843	\$16,154	\$16,561
Average salary of ungraded positions.....	\$8,299	\$8,757	\$8,757
<b>Reimbursable program:</b>			
Total number of permanent positions.....	6	6	6
Average paid employment.....	1	1	5
Average GS grade.....	12.7	12.7	12.7
Average GS salary.....	\$19,907	\$19,907	\$19,907

## RAILROAD RESEARCH

For necessary expenses for conducting railroad research activities, **[\$10,350,000]** \$13,000,000, to remain available until expended. (80 Stat. 931; 80 Stat. 940; 84 Stat. 971; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed for \$6,000,000.)

## Program and Financing (in thousands of dollars)

Identification code 21-30-0703-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Railroad research:			
Direct program.....	1,905	9,500	9,500
Reimbursable program.....	365	350	350
Total program costs, funded.....	2,270	9,850	9,850
Change in selected resources <sup>1</sup> .....	10,714	855	3,500
10 Total obligations.....	12,984	10,705	13,350
<b>Financing:</b>			
11 Receipts and reimbursements from:			
Federal funds.....	-365	-350	-350
21 Unobligated balance available, start of year.....	-2,398	-5	-----
24 Unobligated balance available, end of year.....	5	-----	-----
25 Unobligated balance lapsing.....	124	-----	-----
40 Budget authority (appropriation).....	10,350	10,350	13,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	12,619	10,355	13,000
72 Obligated balance, start of year.....	943	11,153	12,283
74 Obligated balance, end of year.....	-11,153	-12,283	-16,283
90 Outlays.....	2,410	9,225	9,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$997 thousand; 1972, \$11,711 thousand; 1973, \$12,566 thousand; 1974, \$16,066 thousand.

This appropriation provides for research which deals exclusively with railroad matters. The 1974 program effort is directed at solving critical safety problems, improvement of the railroad industry structure, improvement of freight car management, and improvement of freight services.

## Object Classification (in thousands of dollars)

Identification code 21-30-0703-0-1-503	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
11.1 Personnel compensation: Permanent positions.....	-----	-----	90
12.1 Personnel benefits: Civilian.....	-----	-----	7
21.0 Travel and transportation of persons.....	-----	-----	2
23.0 Rent, communications, and utilities.....	-----	-----	1
25.0 Other services.....	12,619	10,355	12,900
Total direct obligations.....	12,619	10,355	13,000
<b>Reimbursable obligations:</b>			
25.0 Other services.....	365	350	350
99.0 Total obligations.....	12,984	10,705	13,350

## Personnel Summary

Total number of permanent positions.....	6
Average paid employment.....	5
Average GS grade.....	11.3
Average GS salary.....	\$16,939

## [BUREAU OF] RAILROAD SAFETY

For necessary expenses [of the Bureau of Railroad Safety] in connection with railroad safety, not otherwise provided for, **[\$7,000,000]** \$8,000,000. (84 Stat. 971; Department of Transportation and Related Agencies Appropriation Act, 1973; additional authorizing legislation to be proposed.)

## Program and Financing (in thousands of dollars)

Identification code 21-30-0702-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Railroad safety:			
Direct program.....	5,413	7,037	8,000
Reimbursable program.....	3	6	6
Total program costs, funded.....	5,416	7,043	8,006
Change in selected resources <sup>1</sup> .....	191	-39	-----
10 Total obligations.....	5,607	7,004	8,006
<b>Financing:</b>			
11 Receipts and reimbursements from: Federal funds.....	-3	-6	-6
25 Unobligated balance lapsing.....	27	-----	-----
Budget authority.....	5,631	6,998	8,000
Budget authority:			
40 Appropriation.....	5,631	7,000	8,000
41 Transferred to other accounts.....	-----	-2	-----
43 Appropriation (adjusted).....	5,631	6,998	8,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	5,604	6,998	8,000
72 Obligated balance, start of year.....	339	565	563
74 Obligated balance, end of year.....	-565	-563	-563
77 Adjustments in expired accounts.....	-2	-----	-----
90 Outlays.....	5,376	7,000	8,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$73 thousand; 1972, \$264 thousand; 1973, \$225 thousand; 1974, \$225 thousand.

The Federal Railroad Safety Act of 1970 provides that the Secretary of Transportation shall prescribe as necessary, appropriate rules, regulations, orders, and standards for all areas of railroad safety.

The increase in resources provides for assisting the States in setting up coordinated training programs for railroad safety inspectors and for operating Federal training and technical assistance programs.

## Object Classification (in thousands of dollars)

Identification code 21-30-0702-0-1-503	1972 actual	1973 est.	1974 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Permanent positions.....	4,092	4,675	4,610
11.3 Positions other than permanent.....	31	55	55
11.5 Other personnel compensation.....	3	3	10
Total personnel compensation.....	4,126	4,733	4,675
12.1 Personnel benefits: Civilian.....	367	373	390
21.0 Travel and transportation of persons.....	624	800	800
22.0 Transportation of things.....	15	15	15
23.0 Rent, communications, and utilities.....	102	150	198
24.0 Printing and reproduction.....	57	57	57
25.0 Other services.....	260	805	1,800
26.0 Supplies and materials.....	13	15	15
31.0 Equipment.....	40	50	50
Total direct obligations.....	5,604	6,998	8,000
<b>Reimbursable obligations:</b>			
21.0 Travel and transportation of persons.....	3	6	6
99.0 Total obligations.....	5,607	7,004	8,006

## Personnel Summary

Total number of permanent positions.....	272	272	274
Full-time equivalent of other positions.....	7	10	10
Average paid employment.....	248	262	264
Average GS grade.....	10.8	10.8	10.9
Average GS salary.....	\$17,082	\$17,304	\$17,571

## General and special funds—Continued

HIGH-SPEED GROUND TRANSPORTATION RESEARCH  
AND DEVELOPMENT

For necessary expenses for research, development, and demonstrations in high-speed ground transportation, [\$52,500,000] \$27,100-000, to remain available until expended. (49 U.S.C. 1631 et seq.; 82 Stat. 424; 84 Stat. 915; Public Law 92-348; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-30-0745-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct program:			
1. Research and development.....	11,908	8,521	17,400
2. Demonstrations.....	4,000	15,000	9,600
3. Administration.....	1,633	1,979	1,800
Total, direct program.....	17,541	25,500	28,800
Reimbursable program:			
1. Research and development.....	3,087	2,513	5,513
Total program costs, funded.....	20,628	28,013	34,313
Change in selected resources <sup>1</sup> .....	6,474	14,979	13,300
10 Total obligations.....	27,102	42,992	47,613
<b>Financing:</b>			
11 Receipts and reimbursements from:			
Federal funds.....	-3,087	-2,513	-5,513
17 Recovery of prior year obligations.....	-1,392		
21 Unobligated balance available, start of year.....	-602	-2,979	-15,000
24 Unobligated balance available, end of year.....	2,979	15,000	
40 Budget authority (appropriation)...	25,000	52,500	27,100
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	22,623	40,479	42,100
72 Obligated balance, start of year.....	22,321	24,847	40,326
74 Obligated balance, end of year.....	-24,847	-40,326	-54,126
90 Outlays.....	20,097	25,000	28,300

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$19,700 thousand (1972 adjustments: -\$1,392 thousand); 1972, \$24,782 thousand; 1973, \$39,761 thousand; 1974, \$53,061 thousand.

This appropriation finances research, development, and demonstration programs in high-speed ground transportation.

1. *Research and development.*—This includes research of conventional and advanced technology ground transportation systems, including vehicle propulsion, guideways, and aerodynamics. The 1974 funding provides for limited continued development and testing of an experimental tracked air cushion research vehicle, while research efforts directed at railroad track structure improvements are increased.

2. *Demonstrations.*—This provides for conducting demonstrations of improved intercity rail passenger systems to determine the contributions that can be made to more efficient and economical service. In 1974, programs emphasize projects of near-term application, such as continued development of an improved passenger train (IPT).

3. *Administration.*—This provides for the personnel and related administrative costs for conducting the high-speed program, including the test center at Pueblo, Colo.

## Object Classification (in thousands of dollars)

Identification code 21-30-0745-0-1-503	1972 actual	1973 est.	1974 est.
<b>FEDERAL RAILROAD ADMINISTRATION</b>			
<b>Direct obligations:</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	976	1,230	1,075
11.3 Positions other than permanent.....	128	125	125

11.5 Other personnel compensation.....	3	3	3
Total personnel compensation.....	1,107	1,358	1,203
12.1 Personnel benefits: Civilian.....	88	105	93
21.0 Travel and transportation of persons.....	108	110	110
22.0 Transportation of things.....	35	10	10
23.0 Rent, communications, and utilities.....	103	125	149
24.0 Printing and reproduction.....	69	58	58
25.0 Other services.....	17,167	31,165	29,463
26.0 Supplies and materials.....	14	14	14
31.0 Equipment.....	52	25	25
Total direct obligations.....	18,743	32,970	31,125
Reimbursable obligations:			
25.0 Other services.....	3,087	2,513	5,513
Total obligations, Federal Railroad Administration.....	21,830	35,483	36,638
<b>ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION</b>			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	104	284	413
11.3 Positions other than permanent.....	1	1	1
11.5 Other personnel compensation.....	18	18	18
Total personnel compensation.....	123	303	432
12.1 Personnel benefits: Civilian.....	28	25	38
21.0 Travel and transportation of persons.....	29	29	29
22.0 Transportation of things.....	14	14	14
23.0 Rent, communications, and utilities.....	8	8	8
24.0 Printing and reproduction.....	2	2	2
25.0 Other services.....	198	198	198
26.0 Supplies and materials.....	8	8	8
31.0 Equipment.....	15	15	15
32.0 Lands and structures.....	4,847	6,907	10,231
Total obligations, allocation to Federal Highway Administration.....	5,272	7,509	10,975
99.0 Total obligations.....	27,102	42,992	47,613

## Personnel Summary

FEDERAL RAILROAD  
ADMINISTRATION

Total number of permanent positions.....	61	61	50
Full-time equivalent of other positions.....	14	14	14
Average paid employment.....	65	74	64
Average GS grade.....	11.4	11.4	11.9
Average GS salary.....	\$19,242	\$19,722	\$21,120

ALLOCATION TO FEDERAL HIGHWAY  
ADMINISTRATION

Total number of permanent positions.....	26	26	36
Average paid employment.....	10	26	36
Average GS grade.....	7.8	7.6	7.6
Average GS salary.....	\$12,121	\$11,611	\$11,765

## GRANTS TO NATIONAL RAILROAD PASSENGER CORPORATION

For an additional amount for "Grants to National Railroad Corporation", \$9,100,000] To enable the Secretary of Transportation to make grants to the National Railroad Passenger Corporation, \$93,000,000, to remain available until expended. (84 Stat. 1338; Supplemental Appropriations Act, 1973; additional authorizing legislation to be proposed for \$44,100,000.)

## Program and Financing (in thousands of dollars)

Identification code 21-30-0704-0-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Payment to the Corporation (program costs, funded).....	77,875	106,900	93,000
Change in selected resources <sup>1</sup> .....	2,125	-3,800	
10 Total obligations (object class 41.0).....	80,000	103,100	93,000
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-14,000	-104,000	-10,000
24 Unobligated balance available, end of year.....	104,000	10,000	10,000
40 Budget authority (appropriation)...	170,000	9,100	93,000

Relation of obligations to outlays:			
71 Obligations incurred, net.....	80,000	103,100	93,000
72 Obligated balance, start of year.....	1,675	3,800	-----
74 Obligated balance, end of year.....	-3,800	-----	-----
90 Outlays.....	77,875	106,900	93,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$1,675 thousand; 1972, \$3,800 thousand; 1973, \$0; 1974, \$0.

The Rail Passenger Service Act of 1970, as amended<sup>1</sup> created the National Railroad Passenger Corporation (AMTRAK), a private "for-profit" corporation. Funds appropriated under the act are to assist AMTRAK in providing modern, efficient, intercity rail passenger service.

Congress has mandated that the Department provide by March 15, 1973 a detailed report on the effectiveness of AMTRAK and recommendations for an intercity rail system after termination of the experimental period on June 30, 1973. This report will present the Administration's position regarding a future system for AMTRAK.

#### EMERGENCY RAIL FACILITIES RESTORATION

(Supplemental now requested)

##### Program and Financing (in thousands of dollars)

Identification code 21-30-0705-1-1-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Direct loans (program costs, funded).....	-----	30,000	10,000
Change in selected resources <sup>1</sup> .....	-----	10,000	-10,000
10 Total obligations.....	-----	40,000	-----
<b>Financing:</b>			
40 Budget authority (proposed supplemental appropriation).....	-----	40,000	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	40,000	-----
72 Obligated balance, start of year.....	-----	-----	10,000
74 Obligated balance, end of year.....	-----	-10,000	-----
90 Outlays.....	-----	30,000	10,000

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$0; 1972, \$0; 1973, \$10,000 thousand; 1974, \$0.

A narrative statement, describing the purpose of this request, and proposed appropriation language are included in Part III of this volume.

#### Public enterprise funds:

##### THE ALASKA RAILROAD

##### ALASKA RAILROAD REVOLVING FUND

The Alaska Railroad Revolving Fund shall continue available until expended for the work authorized by law, including operation and maintenance of oceangoing or coastwise vessels by ownership, charter, or arrangement with other branches of the Government service, for the purpose of providing additional facilities for transportation of freight, passengers, or mail, when deemed necessary for the benefit and development of industries or travel in the area served; and payment of compensation and expenses as authorized by 5 U.S.C. 8146, to be reimbursed as therein provided; and not to exceed \$1,000,000 of the Fund shall be available for use in construction and engineering work on an extension of the Alaska Railroad from Fairbanks, Alaska, to the International Airport located near that city: *Provided*, That no employee shall be paid an annual salary out of said fund in excess of the salaries prescribed by the Classification Act of 1949, as amended, for grade GS-15, except the general manager of said railroad, one assistant general manager at not to exceed the salaries prescribed by said Act for GS-17, and five officers at not to exceed the salaries prescribed by said Act for grade GS-16. (*Department of Transportation and Related Agencies Appropriation Act, 1973.*)

##### Program and Financing (in thousands of dollars)

Identification code 21-30-4400-0-3-503	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Operating and other costs, funded:			
1. Rail line operation program:			
(a) Maintenance of way and structures.....	3,044	3,288	3,492
(b) Maintenance of equipment.....	4,735	5,174	5,495
(c) Traffic.....	310	339	377
(d) Transportation service.....	7,806	8,530	8,940
(e) Communications system operation and maintenance.....	349	381	301
(f) Incidental operations.....	671	725	807
(g) General and administrative expense.....	1,420	1,534	1,708
(h) Washout and derailment.....	279	-----	-----
2. Other programs:			
(a) Riverboats and related facilities leased.....	20	20	20
(b) Other nonoperating expense.....	42	46	50
3. Other costs:			
(a) Adjustment of prior years' costs.....	204	-----	-----
(b) Transfers from other Government agencies.....	-2	-----	-----
(c) Loss on excess current inventories.....	196	200	200
(d) Salvage retired nondepreciable property.....	-1	-----	-----
(e) Undistributed costs <sup>1</sup> .....	145	-----	-----
Total operating and other costs.....	19,219	20,237	21,390
Capital outlay, funded:			
1. Rail line annual program:			
(a) Improvement of roadbed, track and structures.....	1,228	1,931	-----
(b) Purchase and upgrading of equipment.....	613	1,427	-----
(c) Nonprogramed outlay.....	-----	500	500
2. Other programs:			
(a) Equipment.....	1	-----	-----
Total capital outlay.....	1,842	3,858	500
Total program costs, funded.....	21,061	24,095	21,890
Change in selected resources <sup>2</sup> .....	-478	-----	-----
10 Total obligations.....	20,583	24,095	21,890
<b>Financing:</b>			
14 Receipts and reimbursements from: Non-Federal sources:			
Rail line operation program:			
Freight revenue.....	-18,338	-19,749	-18,949
Passenger revenue.....	-737	-630	-465
Other rail line revenue.....	-2,021	-2,000	-1,760
Other programs:			
Riverboats and related facilities.....	-108	-110	-110
Other nonoperating revenue.....	-541	-550	-550
Proceeds from sale of assets.....	-34	-----	-----
Change in long-term accounts receivable.....	-108	-56	-56
21 Unobligated balance available, start of year.....	-2,627	-3,932	-2,932
24 Unobligated balance available, end of year.....	3,932	2,932	2,932
<b>Budget authority</b> .....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-1,304	1,000	-----
72 Obligated balance, start of year.....	994	225	225
74 Obligated balance, end of year.....	-225	-225	-225
90 Outlays.....	-536	1,000	-----

<sup>1</sup> Includes engineer route survey.

<sup>2</sup> Balances of selected resources are identified on the statement of financial condition.

The Alaska Railroad is operated by the Federal Government under the act of March 12, 1914 (38 Stat. 305), as a bureau of the Federal Railroad Administration.

## Public enterprise funds—Continued

## THE ALASKA RAILROAD—Continued

## ALASKA RAILROAD REVOLVING FUND—continued

**Budget program.**—There are no significant changes planned in the rail line operation program and other operating programs and activities for 1974. Those programs are budgeted at a slightly higher cost than previous years primarily to support industrywide negotiated pay increases.

**Financing.**—Programs are financed by revenues earned from freight and passenger service and other services incidental thereto. The Administration will continue to support legislation which would authorize the sale of the Alaska Railroad.

## Revenue and Expense (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Rail line operation program:			
Revenue: Ordinary .....	21,097	22,379	21,174
Expense:			
Ordinary .....	—21,029	—22,571	—23,750
Washout and derailment .....	—279		
Net loss, rail line operation .....	—211	—192	—2,576
Other programs:			
Revenue .....	649	660	660
Expense: Ordinary .....	—151	—156	—160
Net income, other programs .....	498	504	500
Nonoperating income or loss (—):			
Adjustment of prior year costs .....	—370		
Inventory adjustments—fixed properties .....	—6		
Loss on excess current inventories .....	—196	—200	—200
Gain on retirement of nondepreciable property .....	1		
Net nonoperating loss .....	—571	—200	—200
Net income or loss (—) for the year .....	—285	112	—2,276

## Financial Condition (in thousands of dollars)

	1971 actual	1972 actual	1973 est.	1974 est.
<b>Assets:</b>				
Treasury balance .....	3,621	4,157	3,157	3,157
Accounts receivable, net .....	3,034	3,713	3,713	3,713
Selected assets: <sup>1</sup> Supplies and materials .....	3,607	3,386	3,386	3,386
Long-term accounts receivable .....	1,004	896	840	784
Clearing accounts and undistributed charges .....	1,091	1,235	1,235	1,235
Other deferred assets .....	18	6	6	6
Fixed assets, net .....	116,429	115,308	116,476	114,256
Total assets .....	128,804	128,700	128,813	126,536
<b>Liabilities:</b>				
Accounts payable and accrued liabilities .....	3,308	3,475	3,475	3,475
<b>Government equity:</b>				
Obligations:				
Undelivered orders <sup>1</sup> .....	720	463	463	463
Unobligated balance .....	2,627	3,932	2,932	2,932
Total funded balance .....	3,347	4,395	3,395	3,395
Invested capital and earnings .....	122,149	120,831	121,943	119,666
Total Government equity .....	125,496	125,225	125,337	123,061

<sup>1</sup> The "Change in selected resources" entry on the program and financing schedule relates to these items.

## Analysis of Changes in Government Equity (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Non-interest-bearing capital:</b>			
Start of year .....	133,676	133,690	133,690
Donated assets, net .....	14		
End of year .....	133,690	133,690	133,690
<b>Retained earnings:</b>			
Start of year .....	—8,180	—8,465	—8,353
Net income or loss (—) for year .....	—285	112	—2,276
End of year .....	—8,465	—8,353	—10,629
Total Government equity (end of year) .....	125,225	125,337	123,061

## Object Classification (in thousands of dollars)

Identification code 21-30-4400-0-3-503	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions .....	11,426	12,225	13,570
11.3 Positions other than permanent .....	1,108	2,050	1,750
11.5 Other personnel compensation .....	580	660	708
11.8 Special personal services payments .....	42	47	52
Total personnel compensation .....	13,156	14,982	16,080
12.1 Personnel benefits: Civilian .....	1,339	1,525	1,636
21.0 Travel and transportation of persons .....	133	145	145
22.0 Transportation of things .....	362	360	360
23.0 Rent, communications, and utilities .....	634	660	660
24.0 Printing and reproduction .....	5	6	6
25.0 Other services .....	2,022	1,800	1,100
26.0 Supplies and materials .....	2,603	2,820	1,633
31.0 Equipment .....	431	1,427	100
32.0 Lands and structures .....	216	250	50
42.0 Insurance claims and indemnities .....	160	120	120
Total costs, funded .....	21,061	24,095	21,890
94.0 Change in selected resources .....	—478		
99.0 Total obligations .....	20,583	24,095	21,890

## Personnel Summary

Total number of permanent positions .....	802	802	802
Full-time equivalent of other positions .....	78	130	100
Average paid employment .....	825	850	820
Average salary of ungraded positions .....	\$15,296	\$16,979	\$18,846

URBAN MASS TRANSPORTATION  
ADMINISTRATION

## Federal Funds

## General and special funds:

## SALARIES AND EXPENSES

## Program and Financing (in thousands of dollars)

Identification code 21-32-0800-0-1-503	1972 actual	1973 est.	1974 est.
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net .....	421	184	
72 Obligated balance, start of year .....	—184		
74 Obligated balance, end of year .....	145		
77 Adjustments in expired accounts .....			
90 Outlays .....	382	184	



Financing for administrative expenses is provided within the Urban mass transportation fund, and this account is being discontinued.

#### Public enterprise funds:

#### URBAN MASS TRANSPORTATION FUND

#### ADMINISTRATIVE EXPENSES

For necessary administrative expenses of the urban mass transportation program authorized by the Urban Mass Transportation Act of 1964 (49 U.S.C. 1601 et seq., as amended by Public Law 91-453), in connection with the activities, including uniforms and allowances therefor, as authorized by law (5 U.S.C. 5901-5902); hire of passenger motor vehicles; and services as authorized by 5 U.S.C. 3109; **[\$6,542,000]** \$7,000,000, to remain available until expended.

#### RESEARCH, DEVELOPMENT, AND DEMONSTRATIONS AND UNIVERSITY RESEARCH AND TRAINING

For an additional amount for the urban mass transportation program, as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), to remain available until expended; **[\$96,250,000]** \$63,000,000: *Provided*, That **[\$93,250,000]** \$60,000,000 shall be available for research, development, and demonstrations, \$2,500,000 shall be available for university research and training, and not to exceed \$500,000 shall be available for managerial training as authorized under the authority of the said act.

#### LIQUIDATION OF CONTRACT AUTHORIZATION

For payment to the urban mass transportation fund, for liquidation of contractual obligations incurred under authority of the Urban Mass Transportation Act of 1964 (49 U.S.C. 1601 et seq., as amended by Public Law 91-453), **[\$232,000,000]** \$380,000,000, to remain available until expended. (*Department of Transportation and Related Agencies Appropriation Act, 1973.*)

#### Program and Financing (in thousands of dollars)

Identification code 21-32-4119-0-3-503	Administrative reservations			Costs and obligations		
	1972 actual	1973 est.	1974 est.	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>						
Capital outlay:						
Capital facilities grants.....	510,000	863,708	872,000	165,121	317,254	406,666
Technical studies grants.....	25,000	33,500	38,000	19,344	9,853	18,679
Research, development and demonstrations, grants and contracts.....	61,438	73,250	80,000	33,937	49,391	60,000
Managerial training.....	489	500	500	926	491	750
University research and training.....	2,500	2,500	2,500	2,874	2,500	1,625
Administrative expenses.....	4,595	6,542	7,000	4,503	6,400	6,980
Total grants, contracts, loans and administrative expenses.....	604,022	980,000	1,000,000	226,705	385,889	494,700
Administrative reservations:						
Start of year.....	211,322	307,237	307,237	-----	-----	-----
End of year.....	-307,237	-307,237	-307,237	-----	-----	-----
Change in selected resources <sup>1</sup> .....	-----	-----	-----	281,402	594,111	505,300
<b>10 Total capital outlay—obligations.....</b>	<b>508,107</b>	<b>980,000</b>	<b>1,000,000</b>	<b>508,107</b>	<b>980,000</b>	<b>1,000,000</b>
<b>Financing:</b>						
Receipts and reimbursements from:						
11 Federal funds.....	-----	-----	-----	-25	-----	-----
14 Non-Federal sources:						
Loan repayments.....	-----	-----	-----	-200	-200	-200
Revenue.....	-----	-----	-----	-169	-200	-200
17 Recovery of prior year obligations.....	-----	-----	-----	-3,179	-2,125	-300
Unobligated balance available, start of year:						
21.49 Contract authority (unfunded):						
Reserved.....	-----	-----	-----	-140,689	-299,511	-307,237
Unreserved.....	-----	-----	-----	-2,718,975	-2,103,189	-4,112,675
21.98 Fund balance:						
Reserved.....	-----	-----	-----	-70,633	-7,726	-----
Unreserved.....	-----	-----	-----	-11,102	-26,440	-39,479
Unobligated balance available, end of year:						
24.49 Contract authority (unfunded):						
Reserved.....	-----	-----	-----	299,511	307,237	307,237
Unreserved.....	-----	-----	-----	2,103,189	4,112,675	3,122,857
24.98 Fund balance:						
Reserved.....	-----	-----	-----	7,726	-----	-----
Unreserved.....	-----	-----	-----	26,440	39,479	29,997
<b>Budget authority.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>3,000,000</b>	<b>-----</b>
Budget authority:						
40 Appropriation.....	-----	-----	-----	221,300	334,792	450,000
40.49 Portion applied to liquidate contract authority.....	-----	-----	-----	-150,000	-232,000	-380,000
<b>43 Appropriation (adjusted).....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>71,300</b>	<b>102,792</b>	<b>70,000</b>
<b>49 Contract authority.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>3,000,000</b>	<b>-----</b>
<b>Reduction in unobligated contract authority.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-71,300</b>	<b>-102,792</b>	<b>-70,000</b>
Relation of obligations to outlays:						
71 Obligations incurred, net.....	-----	-----	-----	504,534	977,475	999,300
Obligated balance, start of year:						
72.49 Contract authority (unfunded).....	-----	-----	-----	9,511	245,175	893,171
72.98 Fund balance.....	-----	-----	-----	404,415	441,611	391,090
Obligated balance, end of year:						
74.49 Contract authority (unfunded).....	-----	-----	-----	-245,175	-893,171	-1,432,989
74.98 Fund balance.....	-----	-----	-----	-441,611	-391,090	-356,572
<b>90 Outlays.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>231,674</b>	<b>380,000</b>	<b>494,000</b>

<sup>1</sup> Balances of selected resources are identified on the statement of financial condition.

## Public enterprise funds—Continued

## URBAN MASS TRANSPORTATION FUND—Continued

## LIQUIDATION OF CONTRACT AUTHORIZATION—continued

## Status of Unfunded Contract Authority (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Unfunded balance, start of year.....	2,869,175	2,647,875	5,313,083
Contract authority.....		3,000,000	
Appropriations to Urban mass transportation fund:			
Regular.....	-71,300	-102,792	-70,000
Adjusted contract authority.....	2,797,875	5,545,083	5,243,083
Unfunded balance, end of year.....	-2,647,875	-5,313,083	-4,863,083
Appropriation to liquidate contract authority.....	150,000	232,000	380,000

This fund was established to finance all grants, contracts, and loan activities authorized by the Urban Mass Transportation Act of 1964, as amended.

Under the provisions of the 1970 amendments (Urban Mass Transportation Assistance Act of 1970) additional capital was provided in the form of authority to obligate \$3.1 billion. During 1973, legislation will be transmitted to increase contract authority by \$3 billion. Additional authority is required to complement the current efforts to sustain the high Federal priority in assisting State and local public bodies to improve urban transportation systems. The capital facilities, relocation, and technical studies activities are financed by the authority to obligate in advance of appropriations. Grants and contracts for the research, development, and demonstration; managerial training; and university research and training activities are funded through appropriations, as are administrative expenses.

*Capital outlay.—Capital facilities grants.*—Grants are made to State and local public agencies to assist in financing acquisition, construction, reconstruction, and improvement of facilities, of mass transportation service in urban areas.

In 1974 the activity level will be \$872.0 million with an estimated 291 projects. This compares with \$863.7 million in 1973 with an estimated 229 projects and \$510.0 million in 1972 with 158 projects. It is estimated that in 1974 this activity will assist in the purchase of 5,000 new buses, 215 commuter rail cars, and 275 rail rapid transit cars. As of September 30, 1972, this activity has assisted in the purchase of 10,974 new buses, 1,844 rail rapid transit cars, and 970 commuter rail cars. It is estimated that in 1974 this activity will receive 115 applications and amendments with a dollar value of \$1,500 million. This compares with the 1973 estimated receipts of 110 applications and amendments with a total value of \$1,000 million. The number of closeouts during 1972 was 36 with a dollar value of \$71.3 million.

*Technical studies grants.*—Under this activity authorized by section 9 of the act, State and local public agencies are assisted in carrying out studies relating to management operations, capital requirements, economic feasibility, and conducting similar activities in preparation for the construction, acquisition, or improved operation of mass transportation systems, facilities and equipment.

In 1974 the activity level will be \$38 million with an estimated 245 projects. This compares with \$33.5 million in 1973 with an estimated 205 projects and \$25 million in 1972 with 163 projects. It is estimated that in 1974 this

activity will receive 120 applications and amendments with a dollar value of \$45 million. This compares with the 1973 estimate of 110 applications and amendments with a dollar value of \$40 million and the 1972 amount of 88 applications and amendments with a dollar value of \$24.2 million. During 1972 this activity had project closeouts of \$3.9 million with 29 projects.

*Research, development, and demonstrations, grants and contracts.*—This activity—conducted under section 6 of the act—involves projects designed for the development, testing, and demonstration of new facilities, equipment, techniques, and methods which assist in reducing urban transportation needs, in improving mass transportation services, or in meeting total urban transportation needs at an effective cost level.

In 1974 the activity level will be \$80.0 million with an estimated 160 projects. This compares with \$73.2 million in 1973 with an estimated 160 projects and \$61.4 million in 1972 with 105 projects. It is estimated that in 1974 this activity will receive 300 applications and amendments with a dollar value of \$105 million. This compares with the 1973 estimate of 259 applications and amendments with a dollar value of \$70 million and the 1972 amount of 95 applications and amendments with a dollar value of \$30.3 million. During 1972 this activity had project closeouts of \$9 million with 12 projects.

*Managerial training.*—Grants under this activity authorized in section 10 of the act, are made to public bodies to provide university fellowships for up to 1 year of advance training. Fellowship awards are made for the training of personnel employed in managerial, technical, and professional positions in the urban mass transportation field.

In 1974 the activity level will be \$0.5 million with an estimated 100 fellowships. This compares with \$0.5 million in 1973 with an estimated 100 fellowships and \$0.5 in 1972 with 100 fellowships. It is estimated that in 1974 this activity will receive 275 applications for fellowships with a dollar value of \$1.7 million. This compares with the 1973 estimate of 100 fellowships with a dollar value of \$0.5 million and the 1972 amount of 105 fellowships with a dollar value of \$0.3 million. During 1972 this activity had fellowship closeouts of \$0.3 million with 130 fellowships.

*University research and training.*—Grants under this activity authorized in section 11 of the act, are awarded to public and private nonprofit institutions of higher learning. The grants are to assist in establishing or continuing programs which combine professional training in urban transportation, and related fields.

In 1974 the activity level will be \$2.5 million with an estimated 63 projects. This compares with \$2.5 million in 1973 with an estimated 72 projects and \$2.5 in 1972 with 70 projects. It is estimated that in 1974 this activity will receive 70 applications and amendments with a dollar value of \$8.5 million. This compares with an estimated 70 applications and amendments in 1973 with a dollar value of \$8.5 million and the 1972 amount of 77 applications and amendments with a dollar value of \$8 million. During 1972 this activity had project closeouts of \$0.45 million with five projects.

*Administrative expenses.*—This activity provides for carrying out administrative functions, including executive direction, budgeting, accounting, property management, and personnel management. The administrative expense activity will be conducted at a \$7.0 million level in 1974. This level compares to \$6.5 million in 1973, and \$4.6 million in 1972. Also, there will be approximately 723 ongoing

projects totaling \$1,794.8 million which must be administered.

**Capital facilities loans.**—Under this activity, two types of loans are available. Capital improvement loans are to finance the acquisition, construction, reconstruction, and improvement of facilities and equipment. Loans are also provided for the advance acquisition of real property to be used as a part of planned mass transportation systems. While there are pending applications for loans, this activity has such a low volume of approvals no effort is made to estimate new loan commitments. Authority available is sufficient to cover any possible loan and an administrative adjustment is made to accommodate this activity.

**Financing.**—The 1970 amendments to the Urban Mass Transportation Act of 1964 provided budget authority of \$3,100 million. An additional \$3 billion will be required in fiscal year 1973.

The amendments for 1970 provide an authorization for appropriations to liquidate obligations, and, further, require that all other appropriations be accounted for within this authorization. This provision provides annual scheduled dollar limits which total \$1,860 million through June 30, 1975, and the balance, \$1,241 million, authorized for appropriation after June 30, 1975. For 1974, \$450 million is being requested and this compares with \$334.8 million and \$221.3 million appropriated in 1973 and 1972, respectively, which are charged to the authorization. There follows a series of schedules reflecting usage of appropriation (dollars in millions):

## RESEARCH, DEVELOPMENT, AND DEMONSTRATION

Detail	1972 actual	1973 estimate	1974 estimate
Available balance, start of year.....	\$2.0	\$2.6	\$22.6
Appropriated.....	<sup>1</sup> 62.0	<sup>1</sup> 93.3	<sup>1</sup> 60.0
Approvals.....	-61.4	-73.3	-80.0
Available balance, end of year....	<u>2.6</u>	<u>22.6</u>	<u>2.6</u>

<sup>1</sup> The 1972 and 1973 appropriation act provided a specific item for R.D. & D. within the urban mass transportation fund. The 1974 estimate contains a similar item.

## MANAGERIAL TRAINING

Detail	1972 actual	1973 estimate	1974 estimate
Available balance, start of year.....			
Appropriated.....	<sup>1</sup> \$0.5	<sup>2</sup> \$0.5	<sup>2</sup> \$0.5
Approvals.....	-5	-5	-5
Available balance, end of year....	<u>-----</u>	<u>-----</u>	<u>-----</u>

<sup>1</sup> Administrative allocation of an amount from an undefined program appropriation in 1972, and an allocation from \$3 million provided for University research and training and managerial training limitations of the research, development, and demonstration and university research and training item.

<sup>2</sup> Separate limitation within the research, development, and demonstration and university research and training item for the 1973 appropriation act and 1974 estimate.

## UNIVERSITY RESEARCH AND TRAINING

Detail	1972 actual	1973 estimate	1974 estimate
Available balance, start of year.....			
Appropriated.....	<sup>1</sup> \$2.5	<sup>2</sup> \$2.5	<sup>2</sup> \$2.5
Approvals.....	-2.5	-2.5	-2.5
Available balance, end of year....	<u>-----</u>	<u>-----</u>	<u>-----</u>

<sup>1</sup> Administrative allocation of an amount from an undefined program in appropriation in 1972, and an allocation from \$3 million provided for university research and training and managerial training limitation of the research, development and demonstration and university research and training item.

<sup>2</sup> Separate limitation within the research, development, and demonstration and university research and training item for the 1973 appropriation act and 1974 estimate.

## ADMINISTRATIVE EXPENSES

Detail	1972 actual	1973 estimate	1974 estimate
Unobligated balance, start of year....		\$1.7	\$1.7
Appropriated.....	\$6.3	6.5	7.0
Obligations.....	-4.6	-6.5	-7.0
Unobligated balance, end of year....	<u>1.7</u>	<u>1.7</u>	<u>1.7</u>

## LOANS

Detail	1972 actual	1973 estimate	1974 estimate
Balance, start of year.....	\$0.8	\$9.0	\$9.2
Repayments.....	.2	.2	.2
Cancellation.....	8.0	-----	-----
Balance, end of year.....	<u>9.0</u>	<u>9.2</u>	<u>9.4</u>

## UNRESTRICTED AUTHORITIES

Detail	1972 actual	1973 estimate	1974 estimate
Balance at start of year.....	\$11.1	\$14.5	\$16.8
Interest income.....	.2	.2	.2
Recoveries.....	3.2	2.1	.3
Balance, end of year.....	<u>14.5</u>	<u>16.8</u>	<u>17.3</u>

## LIQUIDATION OF CONTRACT AUTHORITY

Detail	1972 actual	1973 estimate	1974 estimate
Balance, start of year.....		\$117.0	-----
Appropriated.....	\$150.0	232.0	\$380.0
Outlays.....	-33.0	-349.0	-380.0
Balance, end of year.....	<u>117.0</u>	<u>-----</u>	<u>-----</u>

## Revenue and Expense (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Revenue.....	169	200	200
Expenses.....	-4,595	-6,542	-7,000
Net loss for year.....	<u>-4,426</u>	<u>-6,342</u>	<u>-6,800</u>

## Financial Condition (in thousands of dollars)

	1971 actual	1972 actual	1973 est.	1974 est.
<b>Assets:</b>				
Treasury balance:				
Cash.....	486,150	475,776	430,569	386,569
Obligated contract authority.....	9,511	245,175	893,171	1,432,989
Accounts receivable, net.....	455	5,365	2,000	2,000
Loans receivable, net.....	4,375	4,175	3,975	4,367
Equipment.....	72	131	243	399
Leasehold improvements.....	1,761	2,768	5,920	6,764
Other assets—contract authority unobligated.....	2,859,664	2,402,700	4,419,912	3,430,094
Total assets.....	<u>3,361,988</u>	<u>3,136,090</u>	<u>5,755,790</u>	<u>5,263,182</u>
<b>Liabilities:</b>				
Accounts payable and accrued liabilities.....	26,261	22,628	22,628	22,628
<b>Government equity:</b>				
Obligations: <sup>1</sup>				
Undisbursed obligations:				
Grants, contracts, and loan cash.....	378,609	424,347	370,462	335,944
Contract authority.....	9,511	245,175	893,171	1,432,989
Unobligated balance:				
Cash.....	81,735	34,166	39,479	29,997
Contract authority.....	2,859,664	2,402,700	4,419,912	3,430,094
Total unexpended balance.....	3,329,519	3,106,388	5,723,024	5,229,024
Invested capital and earnings..	6,208	7,074	10,138	11,530
Total Government equity.....	<u>3,335,727</u>	<u>3,113,462</u>	<u>5,733,162</u>	<u>5,240,554</u>

<sup>1</sup> The change in this item is reflected on the program and financing schedule.

## Public enterprise funds—Continued

## URBAN MASS TRANSPORTATION FUND—Continued

## LIQUIDATION OF CONTRACT AUTHORIZATION—continued

## Analysis of Changes in Government Equity (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
Non-interest-bearing capital:			
Start of year.....	3,335,729	3,116,607	5,744,649
Contract authority, net.....	-----	3,000,000	-----
Accrued expenditures.....	-219,122	-371,958	-485,808
End of year.....	<u>3,116,607</u>	<u>5,744,649</u>	<u>5,258,841</u>
Retained earnings:			
Start of year.....	-719	-5,145	-11,487
Net loss for year.....	-4,426	-6,342	-6,800
End of year.....	<u>-5,145</u>	<u>-11,487</u>	<u>-18,287</u>
Total Government equity (end of year)	<u>3,113,462</u>	<u>5,733,162</u>	<u>5,240,554</u>

## Object Classification (in thousands of dollars)

Identification code 21-32-4119-0-3-503	1972 actual	1973 est.	1974 est.
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URBAN MASS TRANSPORTATION  
ADMINISTRATION

Personnel compensation:			
11.1 Permanent positions.....	3,168	4,365	4,642
11.3 Positions other than permanent.....	87	145	103
11.5 Other personnel compensation.....	54	95	136
Total personnel compensation.....	<u>3,309</u>	<u>4,605</u>	<u>4,881</u>
12.1 Personnel benefits: Civilian.....	268	407	439
21.0 Travel and transportation of persons.....	279	415	433
22.0 Transportation of things.....	6	15	53
23.0 Rent, communications, and utilities.....	69	255	275
24.0 Printing and reproduction.....	116	140	307
25.0 Other services.....	48,552	79,380	80,000
26.0 Supplies and materials.....	28	35	104
31.0 Equipment.....	47	112	156
41.0 Grants, subsidies, and contributions.....	454,324	889,396	912,902

Total obligations, Urban Mass  
Transportation Administration.....

506,998      974,760      999,550

## ALLOCATION ACCOUNTS

31.0 Equipment.....	84	77	80
32.0 Lands and structures.....	1,025	5,163	370
Total obligations, allocation ac- counts.....	<u>1,109</u>	<u>5,240</u>	<u>450</u>
99.0 Total obligations.....	<u>508,107</u>	<u>980,000</u>	<u>1,000,000</u>

## Obligations are distributed as follows:

Urban Mass Transportation Administration.....	506,998	974,760	999,550
Federal Highway Administration.....	109	2,740	150
Federal Railroad Administration.....	1,000	2,500	300

## Personnel Summary

Total number of permanent positions.....	313	333	363
Full-time equivalent of other positions.....	5	6	6
Average paid employment.....	201	280	298
Average GS grade.....	10.0	10.0	9.9
Average GS salary.....	\$15,487	\$15,445	\$15,473

SAINT LAWRENCE SEAWAY DEVELOPMENT  
CORPORATION

## Federal Funds

## Public enterprise funds:

## SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

The Saint Lawrence Seaway Development Corporation is hereby authorized to make such expenditures, within the limits of funds and borrowing authority available to such Corporation, and in

accord with law, and to make such contracts and commitments without regard to fiscal year limitations as provided by section 104 of the Government Corporation Control Act, as amended, as may be necessary in carrying out the programs set forth in the budget for the current fiscal year for such Corporation except as hereinafter provided. (Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-35-4089-0-3-502	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Operating costs, funded:			
1. Administrative expenses (limi- tation).....	742	797	840
2. Operations.....	2,173	2,850	3,265
Total operating costs, funded.....	<u>2,915</u>	<u>3,647</u>	<u>4,105</u>
Capital outlay.....	<u>457</u>	<u>579</u>	<u>1,745</u>
Total program costs, funded.....	<u>3,372</u>	<u>4,226</u>	<u>5,850</u>
Change in selected resources <sup>1</sup> .....	222	-----	-----
10 Total obligations.....	3,594	4,226	5,850
<b>Financing:</b>			
14 Receipts and reimbursements from:			
Non-Federal sources:			
Revenue.....	-7,500	-7,200	-7,400
Proceeds from sale of equipment.....	-17	-30	-30
Unobligated balance available, start of year:			
21.47 Authority to spend public debt receipts.....	-6,200	-6,200	-6,200
21.98 Fund balance.....	-1,075	-1,598	-1,602
Unobligated balance available, end of year:			
24.47 Authority to spend public debt receipts.....	6,200	6,200	6,200
24.98 Fund balance.....	1,598	1,602	1,632
27 Capital transfer to general fund <sup>2</sup> .....	3,400	3,000	1,550
<b>Budget authority.....</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-3,923	-3,004	-1,580
72.98 Obligated balance, start of year: Fund balance.....	-----	25	21
72.98 Receivables in excess of obligations, start of year: Fund balance.....	-180	-----	-----
74.98 Obligated balance, end of year: Fund balance.....	-25	-21	-----
74.98 Receivables in excess of obligations, end of year: Fund balance.....	-----	-----	9
90 Outlays.....	-4,126	-3,000	-1,550

<sup>1</sup> Balances of selected resources are identified on the statement of financial condition.

<sup>2</sup> For retirement of bonds issued to U.S. Treasury.

The Saint Lawrence Seaway Development Corporation, a wholly Government-owned enterprise, is responsible for the development, operation, and maintenance of the Saint Lawrence Seaway in the United States. The programs of the Corporation, one of the operating administrations in the Department of Transportation, are financed from revenues received from tolls charged for the use of its facilities. The Corporation has joint responsibility with the Saint Lawrence Seaway Authority of Canada for control of operations in the international waterway. The principal operational structures of the Corporation, located near the town of Massena in extreme upstate New York, include the Eisenhower and Snell Locks, operational buildings, marine equipment, maintenance shops, and appurtenant structures.

The programs of the Corporation are designed to develop the full earning capacity of the Saint Lawrence Seaway by encouraging greater efficiency of operations and increased cargo tonnages. The Corporation's pro-

grams for 1974 will be continuations of those approved for 1973.

1. *Administrative expenses (limitation).*—This program provides for executive management and administration of the Corporation, and includes finance, legal, civil rights, procurement, personnel, and other related support services.

2. *Operations.*—This program provides for operation of all facilities and for planning and development activities. Operations are conducted on a 24-hour day, 7-day week basis throughout the navigation season with maintenance functions being performed throughout the year. Some major maintenance items are necessarily deferred to the off-navigation season when both operations and maintenance forces are utilized for their accomplishment. Although critical lock rehabilitation has been completed, routine structural maintenance of the locks continues on an annual basis.

*Capital outlay.*—This program includes necessary capital improvements and modifications to the locks, channels, navigational aids, buildings, equipment, and replacements. This program also includes ice control structures and related equipment designed to lengthen the navigation season.

The overriding goal of the Corporation in these programs is to provide better service to the users of the Seaway and at the same time achieve fuller utilization of the capacity of the system with no compromise to safety. An extended navigational season, coupled with modernization of facilities and adoption of technological advancements in vessel traffic handling, are priority programs essential to the realization of this goal. The operational planning and development programs will continue to generate greater awareness and use of the Seaway system by potential users.

The Corporation financed its original construction of the Seaway facilities from borrowings from the U.S. Treasury. The Corporation is authorized to borrow \$140 million by its enabling act, as amended, and to date has used \$133.8 million, with the unused balance being retained to meet any emergency requirements which may arise in the future. The Corporation is self-sustaining from revenues received from users of the Seaway, and no capital impairment has occurred through the end of the past year nor is anticipated in the budget year.

For 1974, the Corporation's total revenue is estimated at \$7.4 million, to be applied as follows:

	Millions
1. To pay administrative and operational expenses.....	\$4.1
2. To pay capital outlay costs.....	1.7
3. To redeem revenue bonds issued to the U.S. Treasury.....	1.6
<b>Total.....</b>	<b>7.4</b>

#### Revenue and Expense (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Operating program:</b>			
Revenue:			
Shipping tolls.....	7,447	7,150	7,350
Other.....	53	50	50
<b>Total revenue.....</b>	<b>7,500</b>	<b>7,200</b>	<b>7,400</b>
Expense:			
Administrative.....	742	797	840
Operations.....	2,173	2,850	3,265
<b>Total expense.....</b>	<b>2,915</b>	<b>3,647</b>	<b>4,105</b>
<b>Net operating income.....</b>	<b>4,585</b>	<b>3,553</b>	<b>3,295</b>

Nonoperating income or loss (—):			
Proceeds from sale of equipment.....	17	30	30
Net book value of assets sold.....	—17	—30	—30
<b>Net gain from sale of equipment.....</b>	<b>—</b>	<b>—</b>	<b>—</b>
Provision for depreciation and losses.....	—1,626	—1,630	—1,630
<b>Net nonoperating loss.....</b>	<b>—1,626</b>	<b>—1,630</b>	<b>—1,630</b>
<b>Net income for the year.....</b>	<b>2,959</b>	<b>1,923</b>	<b>1,665</b>

#### Financial Condition (in thousands of dollars)

	1971 actual	1972 actual	1973 est.	1974 est.
<b>Assets:</b>				
Drawing account with Treasury.....	894	1,622	1,622	1,622
Accounts receivable, net.....	485	594	598	628
Accrued tolls, receivable, unbilled.....	250	150	150	150
Selected assets, supplies <sup>1</sup> .....	161	170	170	170
Fixed assets, net.....	108,538	107,352	106,271	106,356
<b>Total assets.....</b>	<b>110,328</b>	<b>109,888</b>	<b>108,811</b>	<b>108,926</b>
<b>Liabilities:</b>				
Accounts payable and accrued liabilities.....	479	480	480	480
<b>Government equity:</b>				
Obligations: Undelivered orders <sup>1</sup> .....	75	288	288	288
Unobligated balance.....	7,275	7,798	7,802	7,832
Undrawn authorizations.....	—6,200	—6,200	—6,200	—6,200
<b>Total funded balance.....</b>	<b>1,150</b>	<b>1,886</b>	<b>1,890</b>	<b>1,920</b>
Invested capital and earnings.....	108,699	107,522	106,441	106,526
<b>Total Government equity.....</b>	<b>109,849</b>	<b>109,408</b>	<b>108,331</b>	<b>108,446</b>

<sup>1</sup> The changes in these items are reflected on the program and financing schedule.

#### Analysis of Changes in Government Equity (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Non-interest-bearing capital:</b>			
Start of year.....	130,176	126,776	123,776
Repayment of borrowings from Treasury.....	—3,400	—3,000	—1,550
<b>End of year.....</b>	<b>126,776</b>	<b>123,776</b>	<b>122,226</b>
<b>Deficit:</b>			
Start of year.....	—20,327	—17,368	—15,445
Net income for the year.....	2,959	1,923	1,665
<b>End of year.....</b>	<b>—17,368</b>	<b>—15,445</b>	<b>—13,780</b>
<b>Total Government equity (end of year).....</b>	<b>109,408</b>	<b>108,331</b>	<b>108,446</b>

#### Object Classification (in thousands of dollars)

Identification code 21-35-4089-0-3-502	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	1,332	1,640	1,872
11.3 Positions other than permanent.....	127	144	148
11.5 Other personnel compensation.....	75	82	85
11.8 Special personal services payment.....	10	10	10
<b>Total personnel compensation.....</b>	<b>1,544</b>	<b>1,876</b>	<b>2,115</b>
12.1 Personnel benefits: Civilian.....	166	201	210
21.0 Travel and transportation of persons.....	51	75	85
22.0 Transportation of things.....	2	10	10
23.0 Rent, communications, and utilities.....	74	128	144
24.0 Printing and reproduction.....	30	32	44
25.0 Other services.....	187	384	435
26.0 Supplies and materials.....	232	494	552
31.0 Equipment.....	145	152	205
32.0 Lands and structures.....	192	67	1,200
41.0 Grants, subsidies, and contributions.....	7	10	10

## Public enterprise funds—Continued

## SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION—Continued

## Object Classification (in thousands of dollars)—Continued

Identification code 21-35-4089-0-3-502	1972 actual	1973 est.	1974 est.
93.0 Administrative expenses (see separate schedule).....	742	797	840
Total costs, funded.....	3,372	4,226	5,850
94.0 Changes in selected resources.....	222	-----	-----
99.0 Total obligations.....	3,594	4,226	5,850

## Personnel Summary

Total number of permanent positions.....	157	157	157
Full-time equivalent of other positions.....	14	15	15
Average paid employment.....	148	151	151
Average GS grade.....	9.7	9.8	9.8
Average GS salary.....	\$14,597	\$14,612	\$14,767
Average wage-board salary.....	\$10,379	\$10,576	\$10,762

## LIMITATION ON ADMINISTRATIVE EXPENSES, SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Not to exceed **[\$797,000] \$840,000** shall be available for administrative expenses which shall be computed on an accrual basis, including not to exceed \$3,000 for official entertainment expenses to be expended upon the approval or authority of the Secretary of Transportation: *Provided, That Corporation funds shall be available for the hire of passenger motor vehicles and aircraft, operation and maintenance of aircraft, uniforms or allowances therefor for operation and maintenance personnel, as authorized by law (5 U.S.C. 5901-5902), and \$15,000 for services as authorized by 5 U.S.C. 3109. (Department of Transportation and Related Agencies Appropriation Act, 1973.)*

## Program and Financing (in thousands of dollars)

	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
Administration (total accrued expenses—costs).....	742	797	840
<b>Financing:</b>			
Unobligated balance lapsing.....	20	-----	-----
<b>Limitation.....</b>	<b>762</b>	<b>797</b>	<b>840</b>

## Object Classification (in thousands of dollars)

Identification code 21-35-4089-0-3-502	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	475	502	533
11.3 Positions other than permanent.....	34	39	42
11.8 Special personal services payments.....	3	3	3
Total personnel compensation.....	512	544	578
12.1 Personnel benefits: Civilian.....	41	48	52
21.0 Travel and transportation of persons.....	39	43	44
22.0 Transportation of things.....	2	3	3
23.0 Rent, communications, and utilities.....	34	37	39
24.0 Printing and reproduction.....	27	30	31
25.0 Other services.....	67	70	71
26.0 Supplies and materials.....	20	22	22
93.0 Administrative expenses included in schedule for fund as a whole.....	-742	-797	-840
99.0 Total obligations.....	-----	-----	-----

## Personnel Summary

Total number of permanent positions.....	36	36	36
Full-time equivalent of other positions.....	2	3	3
Average paid employment.....	38	39	39
Average GS grade.....	8.6	8.6	8.6
Average GS salary.....	\$14,594	\$14,844	\$15,062

## NATIONAL TRANSPORTATION SAFETY BOARD

## Federal Funds

## General and special funds:

## SALARIES AND EXPENSES

For necessary expenses of the National Transportation Safety Board, **[\$7,785,000] \$8,000,000.** (49 U.S.C. Section 1651 et seq.; Department of Transportation and Related Agencies Appropriation Act, 1973.)

## Program and Financing (in thousands of dollars)

Identification code 21-40-0110-0-1-506	1972 actual	1973 est.	1974 est.
<b>Program by activities:</b>			
1. Aviation accident and safety investigation.....	4,570	5,014	5,106
2. Surface accident and safety investigation.....	774	922	965
3. Certificate or license appeal.....	329	422	464
4. Policy and support.....	1,313	1,410	1,465
Total program costs, funded.....	6,986	7,768	8,000
Change in selected resources <sup>1</sup> .....	5	-----	-----
10 Total obligations.....	6,992	7,768	8,000
<b>Financing:</b>			
25 Unobligated balance lapsing.....	158	-----	-----
<b>Budget authority.....</b>	<b>7,150</b>	<b>7,768</b>	<b>8,000</b>
<b>Budget authority:</b>			
40 Appropriation.....	7,150	7,785	8,000
41 Transferred to other accounts.....	-----	-17	-----
43 Appropriation (adjusted).....	7,150	7,768	8,000
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	6,992	7,768	8,000
72 Obligated balance, start of year.....	447	556	624
74 Obligated balance, end of year.....	-556	-624	-724
77 Adjustments in expired accounts.....	19	-----	-----
90 Outlays.....	6,901	7,700	7,900

<sup>1</sup> Selected resources as of June 30 are as follows: Undelivered orders, 1971, \$218 thousand; 1972, \$223 thousand; 1973, \$223 thousand; 1974, \$223 thousand.

The Department of Transportation Act charges the National Transportation Safety Board with the functions of accident investigation; conducting special studies; objective oversight of transportation safety activities from a position independent of the Secretary of Transportation; and reviewing on appeal actions against certificates or licenses issued by the Department of Transportation.

1. *Aviation accident and safety investigation.*—This activity covers the investigation of all U.S. civil aviation accidents, except the field phase of investigations which is delegated to the Federal Aviation Administration for fact-finding purposes; determination of accident cause and reporting of facts and circumstances in all aviation accidents; conduct of special studies of aviation safety problems; oversight of aviation safety activities; and development of recommendations to prevent aviation accidents and promote aviation safety.

2. *Surface accident and safety investigation.*—This activity covers, for highway, marine, railroad, pipeline and intermodal transportation, the investigation, determination of accident cause and reporting of facts and circumstances of selected surface transportation accidents; conduct of special studies of surface safety problems; oversight of surface safety activities; and development of recommendations to prevent surface transportation accidents and promote surface transportation safety.

3. *Certificate or license appeal.*—This activity covers the review on appeal of the suspension, amendment, modification, revocation or denial of any certificate or license issued by the Secretary or an Administrator of the Department of Transportation.

4. *Policy and support.*—This activity covers the formulation and development of policy and program objectives; centralized management, control and execution of day-to-day operations of the Safety Board's programs; provision of legal advice and assistance to the Safety Board components; and provision of information services concerning the Safety Board's activities.

#### Object Classification (in thousands of dollars)

Identification code 21-40-0110-0-1-506	1972 actual	1973 est.	1974 est.
<b>Personnel compensation:</b>			
11.1 Permanent positions.....	5,146	5,400	5,670
11.3 Positions other than permanent.....	72	100	120
11.5 Other personnel compensation.....	38	90	100
11.8 Special personal services payments.....	43	60	60
Total personnel compensation.....	5,299	5,650	5,950
12.1 Personnel benefits: Civilian.....	483	502	526
13.0 Benefits for former personnel.....	9	7	-----
21.0 Travel and transportation of persons.....	311	359	384
22.0 Transportation of things.....	24	25	25
23.0 Rent, communications, and utilities.....	153	252	270
24.0 Printing and reproduction.....	243	240	260
25.0 Other services.....	364	513	500
26.0 Supplies and materials.....	42	50	50
31.0 Equipment.....	58	170	35
Total costs, funded.....	6,986	7,768	8,000
94.0 Change in selected resources.....	5	-----	-----
99.0 Total obligations.....	6,992	7,768	8,000

#### Personnel Summary

Total number of permanent positions.....	289	289	291
Full-time equivalent of other positions.....	11	12	14
Average paid employment.....	281	283	294
Average GS grade.....	11.4	11.4	11.4
Average GS salary.....	\$18,748	\$18,963	\$19,178

#### Trust Funds

##### DONATIONS

#### Program and Financing (in thousands of dollars)

Identification code 21-40-8969-0-7-506	1972 actual	1973 est.	1974 est.
<b>Financing:</b>			
21 Unobligated balance available, start of year.....	-28	-28	-28
24 Unobligated balance available, end of year.....	28	28	28
<b>Budget authority.....</b>			
<b>Relation of obligations to outlays:</b>			
71 Obligations incurred, net.....	-----	-----	-----
90 Outlays.....	-----	-----	-----

Donations received are to be used in connection with aircraft accident investigation work.

## TITLE III—GENERAL PROVISIONS

Sec. 301. During the current fiscal year applicable appropriations to the Department of Transportation shall be available for maintenance and operation of aircraft; hire of passenger motor vehicles and aircraft; and uniforms, or allowances therefor, as authorized by law (5 U.S.C. 5901-5902).

Sec. 302. None of the funds provided in this Act shall be available for administrative expenses in connection with commitments for grants-in-aid for airport development aggregating more than \$280,000,000 in fiscal year [1973] 1974.

Sec. 303. None of the funds provided under this Act shall be available for the planning or execution of programs the obligations for which are in excess of [\$40,000,000] \$55,000,000 for "Highway Beautification" in fiscal year [1973] 1974.

Sec. 304. None of the funds provided under this Act shall be available for the planning or execution of programs the obligations for which are in excess of [\$85,000,000] \$90,200,000 in fiscal year [1973] 1974 for "State and Community Highway Safety" and "Highway-Related Safety Grants".

Sec. 305. None of the funds provided under this Act shall be available for the planning or execution of programs the obligations for which are in excess of \$4,000,000 in fiscal year [1973] 1974 for "Territorial Highways".

Sec. 306. None of the funds provided under this Act shall be available for the planning or execution of programs the obligations for which are in excess of [\$20,000,000,] \$16,000,000, exclusive of the reimbursable program, in fiscal year [1973] 1974 for "Forest Highways".

Sec. 307. None of the funds provided under this Act shall be available for the planning or execution of programs the obligations for which are in excess of [\$12,000,000] \$5,000,000 in fiscal year [1973] 1974 for "Public Lands Highways".

Sec. 308. None of the funds provided in this Act shall be available for administrative expenses in connection with commitments for "Urban Mass Transportation Fund" aggregating more than \$1,000,000,000 in fiscal year [1973] 1974.

Sec. 309. No part of any appropriation contained in this Act shall remain available for obligation beyond the current fiscal year unless expressly so provided herein.

Sec. 310. None of the funds provided under this Act shall be available for the planning or execution of programs for any further construction of the Miami jetport or of any other air facility in the State of Florida lying south of the Okeechobee Waterway and in the drainage basins contributing water to the Everglades National Park until it has been shown by an appropriate study made jointly by the Department of the Interior and the Department of Transportation that such an airport will not have an adverse environmental effect on the ecology of the Everglades and until any site selected on the basis of such study is approved by the Department of the Interior and the Department of Transportation: *Provided*, That nothing in this section shall affect the availability of such funds to carry out this study.

Sec. 311. The Governor of the Canal Zone is authorized to employ services as authorized by 5 U.S.C. 3109, in an amount not exceeding \$150,000.

Sec. 312. Funds appropriated for operating expenses of the Canal Zone Government may be apportioned notwithstanding section 3679 of the Revised Statutes, as amended (31 U.S.C. 665), to the extent necessary to permit payment of such pay increases for officers or employees as may be authorized by administrative action pursuant to law which are not in excess of statutory increases granted for the same period in corresponding rates of compensation for other employees of the Government in comparable positions.

Sec. 313. Funds appropriated under this Act for expenditure by the Federal Aviation Administration and the Coast Guard shall be available (1) for expenses of primary and secondary schooling for dependents of Federal Aviation Administration and Coast Guard personnel stationed outside the continental United States at costs for any given area not in excess of those of the Department of Defense for the same area, when it is determined by the Secretary that the schools, if any, available in the locality are unable to provide adequately for the education of such dependents, and (2) for transportation of said dependents between schools serving the area which they attend and their places of residence when the Secretary, under such regulations as he may prescribe, determines that such schools are not accessible by public means of transportation on a regular basis.

Sec. 314. Appropriations contained in this Act for the Department of Transportation shall be available for services as authorized by 5 U.S.C. 3109, but at rates for individuals not to exceed the per diem rate equivalent to the rate for a GS-18. (*Department of Transportation and Related Agencies Appropriation Act, 1973.*)

## SUPPLEMENTAL GENERAL PROVISION

### STATE AND COMMUNITY HIGHWAY SAFETY

[In addition to the amounts available under Section 304 of the Department of Transportation and Related Agencies Appropriation Act, 1973, for planning or execution of programs in fiscal year 1973 for "State and Community Highway Safety" and "Highway-Related Safety Grants," funds provided in such Act shall be available for planning or executing additional programs for such purposes amounting to \$10,000,000.] (*Supplemental Appropriations Act, 1973.*)

