

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, **[\$34,900,000]** \$34,863,000. (49 U.S.C. 1637, 1674; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0102-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. General administration	29,847	8,421	31,102	34,806
2. Materials transportation	3,286	794	4,406	-----
3. Regional rail reorganization	4,452	376	723	57
4. Consolidation of departmental headquarters	147	-----	-----	-----
Total direct program costs, funded	37,732	9,591	36,231	34,863
Change in selected resources (undelivered orders)	-5,029	946	-----	-----
Total direct obligations	32,703	10,537	36,231	34,863
Reimbursable program (costs—obligations)	1,936	513	2,000	2,500
10.00 Total obligations	34,639	11,050	38,231	37,363
Financing:				
11.00 Offsetting collections from: Federal funds	-1,936	-513	-2,000	-2,500
21.00 Unobligated balance available, start of period	-1,601	-1,849	-57	-----
24.00 Unobligated balance available, end of period	1,849	57	-----	-----
25.00 Unobligated balance lapsing	-----	185	-----	-----
Budget authority	32,950	8,930	36,174	34,863
Budget authority:				
40.00 Appropriation	32,950	8,930	34,900	34,863
44.20 Supplemental now requested for civilian pay raises	-----	-----	1,274	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net	32,703	10,537	36,231	34,863
72.00 Obligated balance, start of period	1,114	8,920	5,961	5,992
74.00 Obligated balance, end of period	-8,920	-5,961	-5,992	-5,855
77.00 Adjustments in expired accounts	446	-1,156	-----	-----
90.00 Outlays, excluding pay raise supplemental	25,343	12,340	34,996	34,930
91.20 Outlays from civilian pay raise supplemental	-----	-----	1,204	70
Distribution of outlays by account:				
Salaries and expenses	25,301	12,300	36,206	35,000
Consolidation of departmental headquarters	42	40	-----	-----

Note.—Excludes \$4,900 thousand in 1978 for activities transferred to Materials transportation program. Comparable amounts for 1976, \$3,286 thousand; TQ, \$794 thousand; and 1977, \$4,406 thousand are included above.

This appropriation finances the costs of policy development and 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. The 1978 decrease results from the establishment of a separate account in 1978 for the Materials Transportation Bureau.

Object Classification (in thousands of dollars)

Identification code 69-0102-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
OFFICE OF THE SECRETARY				
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions	19,804	5,223	22,256	19,980
11.3 Positions other than permanent	475	111	680	661

11.5 Other personnel compensation	238	51	257	251
11.8 Special personal services payments	210	15	210	210
Total personnel compensation	20,727	5,400	23,403	21,102
12.1 Personnel benefits: Civilian	1,868	479	2,110	1,922
21.0 Travel and transportation of persons	869	184	982	810
22.0 Transportation of things	48	1	62	42
Rent, communications, and utilities:				
23.1 Standard level user charges	2,272	580	2,250	2,411
23.2 Other rent, communications, and utilities	1,056	327	1,584	1,625
24.0 Printing and reproduction	946	300	1,345	1,134
25.0 Other services	3,231	2,670	3,876	5,285
26.0 Supplies and materials	276	56	352	332
31.0 Equipment	150	155	210	200
Total direct obligations	31,443	10,152	36,174	34,863
Reimbursable obligations:				
Personnel compensation:				
11.1 Permanent positions	867	226	930	1,136
11.3 Positions other than permanent	31	8	-----	-----
11.5 Other personnel compensation	-----	2	-----	-----
Total personnel compensation	898	236	930	1,136
12.1 Personnel benefits: Civilian	71	20	88	106
21.0 Travel and transportation of persons	20	23	9	12
Rent, communications, and utilities:				
23.1 Standard level user charges	568	143	462	568
23.2 Other rent, communications, and utilities	32	5	20	20
25.0 Other services	347	86	491	658
Total reimbursable obligations	1,936	513	2,000	2,500
Total obligations, Office of the Secretary				
	33,379	10,665	38,174	37,363
ALLOCATION TO FEDERAL RAILROAD ADMINISTRATION				
25.0 Other services	1,260	385	57	-----
99.0 Total obligations	34,639	11,050	38,231	37,363

Personnel Summary

Direct:				
Total number of permanent positions	945	941	822	-----
Full-time equivalent of other positions	53	68	64	-----
Average paid employment	899	1,035	918	-----
Average GS grade	11.45	11.66	11.75	-----
Average GS salary	\$23,202	\$25,253	\$25,847	-----
Reimbursable:				
Total number of permanent positions	50	48	54	0
Full-time equivalent of other positions	0	0	0	52
Average paid employment	47	46	52	-----
Average GS grade	10.72	10.96	11.06	-----
Average GS salary	\$18,950	\$20,438	\$21,209	-----

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, **[\$28,000,000]** \$31,200,000. (49 U.S.C. 1653, 1657; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0142-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Transportation policy and planning	7,999	2,219	12,914	12,600
2. University research	3,408	1,106	3,350	4,100
3. Transportation systems development and technology	16,091	4,073	9,997	13,300
4. Special programs	1,327	206	6,850	1,200
Total direct program	28,825	7,604	33,111	31,200
Reimbursable program	2,550	694	2,500	2,500
Total program costs, funded	31,375	8,298	35,611	33,700
Change in selected resources (undelivered orders)	-3,549	1,912	-----	-----
10.00 Total obligations	27,826	10,210	35,611	33,700
Financing:				
11.00 Offsetting collections from: Federal funds	-2,005	-784	-2,500	-2,500
21.00 Unobligated balance available, start of period	-5,358	-7,537	-5,111	-----
24.00 Unobligated balance available, end of period	7,537	5,111	-----	-----
40.00 Budget authority (appropriation)	28,000	7,000	28,000	31,200

General and special funds—Continued

TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT—Cont.

Program and Financing (in thousands of dollars)—Continued

Identification code 69-0142-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	25,821	9,426	33,111	31,200
72.00 Obligated balance, start of period.....	14,081	9,967	10,602	12,713
74.00 Obligated balance, end of period.....	-9,967	-10,602	-12,713	-12,713
90.00 Outlays.....	29,935	8,791	31,000	31,200

Note.—Excludes \$1,000 thousand in 1978 for activities transferred to materials transportation program. Comparable amounts for 1976, \$900 thousand; TQ, \$218 thousand; 1977, \$1,100 thousand are included above.

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.*—This research provides the foundation for development of transportation policy, for coordination of national level transportation planning, and for dealing with such difficult issues as regulatory modernization and energy conservation.

2. *University research.*—This research is designed to assure that resources of the higher education community are effectively brought to bear on transportation problems. Another aim is to encourage greater involvement of universities and colleges with the Department, State and local governments, and the transportation industry.

3. *Transportation systems development and technology.*—In general, projects are designed to complement research and development programs of the operating administrations and to stimulate industry efforts to advance transportation technology. In 1978, research and development activities will emphasize ways to conserve energy used in transportation, to develop multimodal and intermodal systems and technology, and to promote environmental and ecological improvements.

4. *Special programs.*—Projects provide technical studies and other data in support of departmental effort in the areas of safety program coordination, transportation security, consumer and environmental affairs, and facilitation of passenger and freight transportation. Emphasis in 1978 will be on the development of greater information for larger environmental impact assessment capability and improved safety oversight and security techniques.

Object Classification (in thousands of dollars)

Identification code 69-0142-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
OFFICE OF THE SECRETARY				
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	1,912	513	2,186	2,208
11.3 Positions other than permanent.....	447	145	327	349
11.5 Other personnel compensation.....	14	2	19	19
Total personnel compensation.....				
12.1 Personnel benefits: Civilian.....	2,373	660	2,532	2,576
21.0 Travel and transportation of persons.....	251	53	191	192
Rent, communications, and utilities:	164	46	192	197
23.1 Standard level user charges.....	192	48	203	232
23.2 Other rent, communications, and utilities.....	6	1	52	52
24.0 Printing and reproduction.....	145	4	311	311
25.0 Other services.....	22,658	7,112	28,603	27,613
26.0 Supplies and materials.....	22	2	18	18
31.0 Equipment.....	10		9	9
Total direct obligations.....	25,821	7,926	32,111	31,200

Reimbursable obligations:				
25.0 Other services.....	2,005	784	2,500	2,500
Total obligations.....	27,826	8,710	34,611	33,700

ALLOCATION TO NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

25.0 Other services.....		1,500	1,000	
99.0 Total obligations.....	27,826	10,210	35,611	33,700

Personnel Summary

Total number of permanent positions.....	81	74	74
Full-time equivalent of other positions.....	40	30	30
Average paid employment.....	114	110	110
Average GS grade.....	13.35	13.49	13.49
Average GS salary.....	\$28,755	\$31,377	\$31,671

【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, \$100,000, 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.】 (49 U.S.C. 1653, 1657; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0105-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Overseas research (program costs, funded).....	2	28	250	250
Change in selected resources (undelivered orders).....	46	-28	150	-250
10.00 Total obligations (object class 25.0).....	48		400	
Financing:				
17.00 Recovery of prior period obligations.....		-28		
21.00 Unobligated balance available, start of period.....	-71	-273	-300	
24.00 Unobligated balance available, end of period.....	273	300		
40.00 Budget authority (appropriation).....	250		100	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	48	-28	400	
72.00 Obligated balance, start of period.....	141	188	160	310
74.00 Obligated balance, end of period.....	-188	-160	-310	-60
90.00 Outlays.....	1		250	250

Foreign currencies which are in excess of the normal requirements of the United States have been made available in prior years for research in foreign countries. These balances will continue to be used to support research projects in Poland dealing with pedestrian behavior, railroad operation, and highway paving.

Intragovernmental funds:

WORKING CAPITAL FUND

Program and Financing (in thousands of dollars)

Identification code 69-4520-0-4-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Operating costs, funded:				
1. Publishing and graphics activities:				
(a) Direct operating costs.....	9,848	3,626	12,875	13,312
(b) Overhead costs.....	395	102	780	788
2. Support services activities:				
(a) Direct operating costs.....	3,053	755	3,957	4,145
(b) Overhead costs.....	298	65	213	211
3. Library services:				
(a) Direct operating costs.....	1,540	416	1,788	1,908
(b) Overhead costs.....	52	12	30	30
4. Transportation computer activities:				
(a) Direct operating costs.....	14,143	4,356	14,967	18,770
(b) Overhead costs.....	36	9	260	292
Total operating costs.....	29,365	9,341	34,870	39,456

Capital outlay funded:				
1. Publishing and graphics activities:				
Purchase of equipment.....	61	45	346	308
2. Support services activities: Purchase of equipment.....				
	8	12	32	18
3. Library services: Purchase of equipment.....				
	15	1	35	16
4. Transportation computer activities: Purchase of equipment.....				
	179	51	10	9
Total capital outlay.....	263	109	423	351
Total program costs, funded.....	29,628	9,450	35,293	39,807
Change in selected resources (stores work-in-process less accrued leave).....	-40	34	24	40
10.00 Total obligations.....	29,588	9,484	35,317	39,847
Financing:				
11.00 Offsetting collections from: Federal funds:				
Publishing and graphics activities.....	-10,281	-3,737	-13,718	-14,183
Support services activities.....	-3,380	-828	-4,201	-4,387
Library services.....	-1,606	-432	-1,835	-1,956
Transportation computer activities.....	-14,841	-4,447	-15,569	-19,405
Unfiled customers' orders.....	206	-189	236	197
21.00 Unobligated balance available, start of period.....	-534	-848	-997	-767
24.00 Unobligated balance available, end of period.....	848	997	767	654
Budget authority.....				
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-314	-149	230	113
72.00 Obligated balance, start of period.....	141			
72.10 Receivables in excess of obligations, start of period.....		-1,187	-3,749	-2,519
74.10 Receivables in excess of obligations, end of period.....	1,187	3,749	2,519	906
90.00 Outlays.....	1,014	2,413	-1,000	-1,500

The working capital fund finances common administrative services which are centrally performed in the interest of economy and efficiency in the Department.

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.

The activities of the working capital fund have been consolidated as follows:

Publishing and graphics activities include publishing and graphic program, still photographic services, and visuals services.

Support services activities include travel services and imprest fund; central employment information; warehouse management; parking management; chauffeur services; mail and messenger service; management information center; and facilities management.

Library services include information retrieval services.

Transportation computer activities include computer time-sharing services; and the Transportation Computer Center.

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Publishing and graphics activities:				
Revenue.....	10,281	3,737	13,718	14,183
Expense.....	-10,281	-3,737	-13,718	-14,183
Net operating income.....				
Support services activities:				
Revenue.....	3,380	828	4,201	4,387
Expense.....	-3,380	-828	-4,201	-4,387
Net operating income.....				
Library services:				
Revenue.....	1,606	432	1,835	1,956
Expense.....	-1,606	-432	-1,835	-1,956
Net operating income.....				
Transportation computer activities:				
Revenue.....	14,841	4,447	15,569	19,405
Expense.....	-14,841	-4,447	-15,569	-19,405
Net operating income.....				
Net income or loss for the period.....				

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Fund balance with treasury.....	675	-649	-2,753	359	460
Accounts receivable (net).....	3,226	3,256	6,151	3,294	3,251
Inventories.....	31	22	30	23	25
Real property and equipment (net).....	1,419	986	992	1,167	1,227
Other assets (net).....	2,597	2,643	2,625	2,793	2,859
Total assets.....	7,948	6,258	7,045	7,636	7,822
Liabilities:					
Accounts payable and funded accrued liabilities.....	1,927	722	1,407	1,389	1,529
Advances received.....	1,439	650	650	1,100	1,124
Other liabilities.....	311	387	344	397	404
Total liabilities.....	3,677	1,759	2,401	2,886	3,057
Government equity:					
Unexpended budget authority:					
Unobligated balance.....	534	848	927	767	654
Undelivered orders.....	4,814	4,264	5,726	4,650	4,650
Unfinanced budget authority: Unfiled customers' orders.....	-4,814	-4,264	-5,726	-4,650	-4,650
Invested capital.....	3,737	3,651	3,647	3,983	4,111
Total Government equity.....	4,271	4,499	4,644	4,750	4,765
Analysis of changes in Government equity:					
Paid-in capital:					
Opening balance.....		4,271	4,499	4,644	4,750
Transaction:					
Increase in current assets (net).....		314	149	106	15
Property capitalized without use of funds.....		55			
Total.....		369	149	106	15
Retained income or deficit:					
Transaction: Decrease in inventory and property valuation.....		-141	-4		
Total.....		-141	-4		
Total Government equity (end of year).....	4,499	4,644	4,750	4,750	4,765

Object Classification (in thousands of dollars)

Identification code 69-4520-0-4-407	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	4,783	1,185	5,588	5,718
11.3 Positions other than permanent.....	136	47	147	148
11.5 Other personnel compensation.....	836	74	985	1,058
Total personnel compensation.....	5,755	1,306	6,720	6,924
12.1 Personnel benefits: Civilian.....	483	126	556	569
21.0 Travel and transportation of persons.....	58	18	75	89
22.0 Transportation of things.....		2	15	30
Rent, communications, and utilities:				
23.1 Standard level user charges.....	1,350	338	1,484	1,740
23.2 Other rent, communications, and utilities.....	2,600	622	3,254	4,860
24.0 Printing and reproduction.....	53	25	317	349
25.0 Other services.....	17,533	6,654	20,839	23,074
26.0 Supplies and materials.....	1,533	254	1,609	1,820
31.0 Equipment.....	263	105	424	352
Total costs, funded.....	29,628	9,450	35,293	39,807
94.0 Change in selected resources.....	-40	34	24	40
99.0 Total obligations.....	29,588	9,484	35,317	39,847

Personnel Summary

Total number of permanent positions.....	393	391	391
Full-time equivalent of other positions.....	19	23	23
Average paid employment.....	407	407	407
Average GS grade.....	6.91	7.05	7.05
Average GS salary.....	\$12,935	\$13,402	\$14,024
Average salary of ungraded positions.....	\$14,344	\$14,540	\$14,654

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS CENTER

Program and Financing (in thousands of dollars)

Identification code 69-3900-0-4-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Transportation research (program costs, funded).....	46,641	11,172	54,000	51,750
Change in selected resources (undelivered orders).....	-3,953	4,951	1,200	3,750
10.00 Total obligations.....	42,688	16,123	55,200	55,500

Intragovernmental funds—Continued

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS
CENTER—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-3900-0-4-407	1976 act.	TQ act.	1977 est.	1978 est.
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-43,930	-7,198	-46,942	-45,724
13.00 Trust funds.....	-7,215	-3,420	-7,642	-9,497
21.40 Unobligated balance available, start of period.....	-5,443	-13,900	-8,395	-7,779
24.40 Unobligated balance available, end of period.....	13,900	8,395	7,779	7,500
Budget authority.....				
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-8,457	5,505	616	279
72.40 Obligated balance, start of period.....	24,344	19,839	24,579	26,018
74.40 Obligated balance, end of period.....	-19,839	-24,579	-26,018	-30,277
90.00 Outlays.....	-3,952	765	-823	-3,980

The fund was established to facilitate the operations of the Transportation Systems Center in Cambridge, Mass. The Center is funded from advances received from the Office of the Secretary and the operating administrations in the Department.

The Transportation Systems Center serves as a research, analysis, and technical development resource for the Office of the Secretary and the operating administrations. Its planned projects for 1978 are grouped into the following DOT R. & D. objectives:

Modernize regulation and legislation.—TSC activity is concentrating on the analysis of Federal regulation of the motor carrier industry. The rest of the effort is to assess the effect of new technology on all regulated transportation operations.

Increase efficiency and service.—This area involves air, rail, and urban systems. TSC is especially involved in analysis and development of new technology in automation, performance improvement techniques, and system demonstrations.

Improve safety and security.—TSC is the primary source of rail safety technology for the Department. Technological support in airport surface traffic control, and wind shear comprise the remaining effort in the safety and security area.

Lessen unfavorable environment impacts.—The major thrusts involve multimodal and cross-modal considerations of noise abatement and control technologies, environmental pollution assessment, as well as environmental analysis technique and measurement projects.

Minimize adverse impacts of energy constraints.—This effort stresses technology applications in the areas of energy policy, conservation technology alternatives, and impact assessment. The Center is also developing transportation energy efficiency information and performing fuel economy monitoring in support of DOT's mission.

Increase knowledge base.—This effort is concentrated in the general collation, standardization, and dissemination of information bases including the National Summary of Transportation Statistics. This involves statistics and computer applications. All TSC projects contribute to this information. In addition, TSC performs research, development, and demonstrations impacting both urban and intercity transportation. TSC serves as one of DOT's main focal points for the sharing of planning, economic, and technical data with State and local governments, and as appropriate, with private industry.

Object Classification (in thousands of dollars)

Identification code 69-3900-0-4-407	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	14,448	3,743	15,145	14,965
11.3 Positions other than permanent.....	375	97	395	395
11.5 Other personnel compensation.....	64	20	55	55
Total personnel compensation.....				
12.1 Personnel benefits: Civilian.....	1,413	358	1,482	1,464
13.0 Benefits for former personnel.....			135	
21.0 Travel and transportation of persons.....	760	171	950	1,200
22.0 Transportation of things.....	45	20	50	50
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	1,219	289	1,234	1,104
24.0 Printing and reproduction.....	224	60	226	226
25.0 Other services.....	21,571	9,851	32,993	33,506
26.0 Supplies and materials.....	628	238	850	850
31.0 Equipment.....	991	1,257	1,500	1,500
32.0 Lands and structures.....	949	19	185	185
42.0 Insurance claims and indemnities.....	1			
99.0 Total obligations.....	42,688	16,123	55,200	55,500

Personnel Summary

Total number of permanent positions.....	703	691	680
Full-time equivalent of other positions.....	43	43	43
Average paid employment.....	724	708	696
Average GS grade.....	11.11	11.11	11.11
Average GS salary.....	\$22,111	\$23,457	\$23,694
Average salary of ungraded positions.....	\$13,501	\$13,501	\$13,501

COAST GUARD

The following table depicts funding for all Coast Guard programs for which detail is furnished in the budget schedules:

COAST GUARD

[In millions of dollars]

Program level:	1976	1977	1978
Operating expenses.....	727.7	838.4	874.1
Acquisition, construction, and improvements.....	131.0	305.3	229.4
Alteration of bridges.....	6.6	10.9	15.1
Retired pay.....	122.2	140.3	155.4
Reserve training.....	31.7	35.8	36.6
Research, development, test, and evaluation.....	12.8	22.9	22.7
State boating safety assistance.....	6.1	6.6	5.8
Pollution fund.....	6.8	8.0	8.5
Coast Guard supply fund.....	6	2	1
Coast Guard yard fund.....	(52.1)	(62.7)	(63.7)
Trust funds.....	(28.1)	(30.7)	(30.2)
Total net.....	1,040.6	1,364.7	1,348.2

¹ Total obligations before offsetting collections.

Federal Funds

General and special funds:

OPERATING EXPENSES*

(INCLUDING TRANSFER OF FUNDS)

*See "Legislative Program" (end of this chapter) for additional information.

For necessary expenses for the operation and maintenance of the Coast Guard, not otherwise provided for; purchase of not to exceed [sixteen] twelve passenger motor vehicles, for replacement only; and recreation and welfare; [\$818,580,000] \$874,261,000 of which [\$197,422] \$205,977 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-nine exclusive of planes and parts stored to meet future attrition: *Provided further*, That amounts equal to the obligated balances against the appropriations for "Operating expenses" for the two preceding years [, and the period July 1, 1976, through September 30, 1976,]

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. (10 U.S.C. 101 et seq.; 16 U.S.C. 1882; 19 U.S.C. 261, 267, 1451; titles 14, 33, 37, and 46, United States Code; 49 U.S.C. 1651 et seq.; 50 U.S.C. 191, 194; Department of Transportation and Related Agencies Appropriation Act, 1977; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0201-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Search and rescue.....	216,380	68,107	257,921	267,548
2. Aids to navigation.....	132,242	41,621	156,680	162,385
3. Marine safety.....	55,300	17,406	64,725	67,934
4. Marine environmental protection.....	45,567	14,338	57,876	62,511
5. Ocean operations.....	100,768	31,716	122,305	128,010
6. Military readiness.....	20,000	6,292	24,508	25,221
7. General support.....	131,544	41,350	154,385	160,446
Total direct program costs.....	701,801	220,830	838,400	874,055
Unfunded adjustments to direct program costs: Property transferred in without charge.....	-1,240	-1,000	-3,000	-3,000
Total direct program costs, funded.....	700,561	219,830	835,400	871,055
Change in selected resources (undelivered orders and stores).....	27,114	533	3,000	3,000
Total direct obligations.....	727,675	220,363	838,400	874,055
Reimbursable program:				
8. Miscellaneous services for other accounts (reimbursable program costs).....	14,896	2,394	18,500	20,000
Change in selected resources (undelivered orders).....	-1,530	1,070	-----	-----
Total reimbursable obligations.....	13,366	3,464	18,500	20,000
10.00 Total obligations.....	741,041	223,827	856,900	894,055
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-11,686	-2,934	-16,820	-18,320
14.00 Non-Federal sources.....	-1,680	-569	-1,680	-1,680
21.00 Unobligated balance available, start of period.....	-128	-10,506	-166	-166
24.00 Unobligated balance available, end of period.....	10,506	166	166	166
25.00 Unobligated balance lapsing.....	-----	2,302	-----	-----
Budget authority.....	738,054	212,287	838,400	874,055
Budget authority:				
40.00 Appropriation.....	738,241	212,335	818,580	874,261
40.48 Portion applied to debt reduction.....	-187	-48	-197	-206
43.00 Appropriation (adjusted).....	738,054	212,287	818,383	874,055
44.30 Supplemental now requested for military pay raises.....	-----	-----	20,017	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	727,675	220,324	838,400	874,055
72.00 Obligated balance, start of period.....	79,538	99,106	122,754	125,554
74.00 Obligated balance, end of period.....	-99,106	-122,754	-125,554	-128,854
77.00 Adjustments in expired accounts.....	-1,476	-1,557	-----	-----
90.00 Outlays, excluding pay raise supplemental.....	706,631	195,119	815,583	870,755
91.30 Outlays from military pay raise supplemental.....	-----	-----	20,017	-----

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 its duties. Operating expenses funds are used to defray the expense of rebuilding through the use of replacements, alterations, and restorations when they involve less than 75% of the original facility. They are also used to defray expenses of improvements through modification, addition, or expansion where the estimated cost of a project is \$75 thousand or less.

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 acts necessary to rescue and aid persons and save property placed in jeopardy due to marine and aircraft accidents, floods, and ice conditions.

WORKLOAD DATA

[Dollars in thousands]

	1976 act.	1977 est.	1978 est.
Responses to search and rescue cases serviced by Coast Guard forces or Coast Guard directed forces ..	74,714	79,122	83,790
Lives saved.....	3,218	3,423	3,643
Property loss prevented.....	\$318,784	\$346,837	\$377,359

2. *Aids to navigation.*—A network of manned and unmanned aids to navigation is maintained along our coasts and on our inland waterways 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. 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.

WORKLOAD DATA

	1976 act.	1977 est.	1978 est.
Loran coverage (in millions of square miles): Ground-wave.....	19.1	21.5	21.7
Federal floating aids.....	25,862	25,500	25,250
Federal fixed aids and short-range electronic aids authorized.....	22,276	22,500	23,000
Private aids authorized.....	33,491	34,000	34,500
Bridge permits and regulations issued.....	206	250	250

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 licensing; and by setting standards, procedures, and practices under which merchant marine personnel are licensed and regulated. The Coast Guard minimizes the risk of fatalities, injuries, and property damage associated with the operation of recreational boats through a boat safety standards program, boater information, education and compliance programs, support of the Coast Guard Auxiliary, and increasing financial and technical support of the individual State boating safety programs.

WORKLOAD DATA

	1976 act.	1977 est.	1978 est.
Commercial vessel safety:			
U.S. commercial vessels undergoing construction, average monthly totals.....	557	615	675
U.S. commercial vessels under U.S. inspection laws ..	10,471	10,990	10,690
U.S. commercial vessels not inspected but subject to U.S. safety requirements.....	51,795	52,950	54,050
Foreign-flag vessels subject to U.S. safety requirements, annual totals.....	2,900	2,970	3,040
Fixed offshore structures subject to U.S. safety requirements.....	2,300	2,600	2,900
Vessel license applications.....	16,400	16,500	16,700
License renewals.....	11,500	12,000	12,500
Seamen's documentations.....	20,719	21,300	21,900
Marine casualty investigations.....	7,200	7,400	7,600
Recreational vessels deaths investigations.....	1,057	1,000	1,000
Suspension/revocation personnel actions.....	4,096	4,100	4,100
Violations of laws and regulations.....	2,022	2,100	2,100
Annual number of admasurement applications.....	9,300	9,800	10,300
Annual number of vessel documentation transaction applications.....	180,000	184,000	188,000
Crew sign-ons and sign-offs.....	8,000	7,500	7,000
Active seamen's records maintained.....	170,000	165,000	160,000
Boating safety:			
Factory visits/inspections.....	2,300	2,450	2,600
Potential units affected.....	362,000	380,000	500,000
Classroom instruction (student lessons in millions) ..	1,427	2,100	2,225
Courtesy motor boat examinations (auxiliary).....	325,000	370,000	425,000
Assists (auxiliary).....	15,474	16,100	16,750
Boat boardings.....	25,429	30,000	34,000

4. *Marine environmental protection.*—Under various laws, international agreements, and conventions, the Coast Guard is charged with the prevention of damage to the marine environment and the enhancement of environmental quality. Also, under statutory requirements the Coast Guard must safeguard and secure U.S. ports and waterways against harm, and thereby improve their economic utilization and assure their availability in time of national emergency.

General and special funds—Continued

OPERATING EXPENSES—Continued

WORKLOAD DATA

	1976 act.	1977 est.	1978 est.
Port safety:			
Vessels boarded, cargo and tank.....	41,446	40,900	40,900
Barges boarded.....	12,328	11,600	11,600
Waterfront facilities inspected.....	85,461	91,800	91,800
Number of explosive loadings and other dangerous cargo inspections.....	2,331	2,400	2,400
Harbor patrols (operating hours).....	84,594	93,000	106,000
Environmental protection:			
Aerial oil pollution patrols conducted.....	340	1,200	1,300
Number of oil and hazardous substance spills reported.....	12,057	14,000	14,500
Number of pollution investigations.....	8,600	9,000	9,500
Hearings before District hearing officers.....	1,800	2,000	2,200
Number of civil penalties.....	4,500	5,000	5,100
Cargo transfer operations monitored.....	17,012	19,500	19,500
Oil pollution removal operations.....	3,503	3,000	2,800
Ocean dumping surveillance missions.....	687	800	800

5. *Ocean operations.*—Maritime law enforcement is accomplished by cutters and aircraft conducting patrols to enforce international agreements and Federal laws on the high seas and waters over which the U.S. exercises jurisdiction. Ice operations (polar and domestic) are performed by specially constructed icebreakers or ice/strengthened cutters which operate in support of Coast Guard programs, the requirements of other agencies, and in the facilitation of commerce. Marine science activities, which include the International Ice Patrol, are carried out on a cooperative basis with other Government agencies.

WORKLOAD DATA

	1976 act.	1977 est.	1978 est.
Ice operations and oceanographic activities:			
Deliveries by icebreaker escorted cargo ships on polar waters:			
Measurement tons of cargo.....	117,000	55,000	55,000
Barrels of fuel (thousands).....	1,333	900	750
Domestic icebreaking:			
Shipping vessels assisted.....	403	600	640
Fishing vessels assisted.....	384	300	350
Mission miles.....	14,200	14,300	14,850
Maritime law enforcement:			
Foreign fishing vessel sightings.....	6,812	6,000	5,500
Boardings.....	780	1,500	2,000
Cutter operating hours:			
Fisheries enforcement.....	78,454	82,051	83,640
General law enforcement.....	15,346	16,049	16,360
Aircraft flight hours:			
Fisheries enforcement.....	7,348	8,168	9,901
General law enforcement.....	1,557	1,732	2,099
Seizures—vessels.....	26	30	35
International Ice Patrol:			
Aircraft hours.....	490.6	500	500
Ship operating hours.....	1,824	2,000	2,000
Marine Science activities:			
Oceanographic/meteorological observations.....	1,450	1,420	1,420
Track miles of aircraft survey (airborne radiation thermometer).....	129,920	134,000	134,000
Environmental buoys serviced.....	24	20	20

6. *Military readiness.*—The Coast Guard operates as a service in the Navy in time of war or national emergency at the direction of the President. During peacetime, an effective state of military preparedness is maintained through individual and unit training, by joint naval training exercises, or by Coast Guard single and multiship operations.

WORKLOAD DATA

	1976 act.	1977 est.	1978 est.
Units trained by Coast Guard training teams.....	196	200	200
Vessels participating in refresher training or shakedown training.....	48	48	48
Ship weeks.....	144	144	144
Vessels participating in fleet exercises.....	9	9	9
Ship weeks.....	162	162	162
Independent vessel gunnery exercises.....	619	600	600
Other independent exercises.....	20,783	20,000	20,000
Rifle and pistol training courses fired.....	25,212	6,031	6,031

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

Capehart family housing indebtedness.—The following schedule shows the status of the indebtedness assumed from Department of Defense for transfer of family housing units for assignment as public quarters:

STATUS OF INDEBTEDNESS

[In thousands of dollars]

	1976 act.	TQ act.	1977 est.	1978 est.
Total debt incurred.....	3,556	3,556	3,556	3,556
Debt retirement:				
(a) Prior years.....	-1,279	-1,466	-1,515	-1,712
(b) Current year.....	-187	-48	-197	-206
Cumulative total.....	-1,466	-1,515	-1,712	-1,918
Remaining debt, end of year.....	2,090	2,042	1,844	1,638

Object Classification (in thousands of dollars)

Identification code 69-0201-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	69,792	21,144	79,328	77,157
11.3 Positions other than permanent.....	2,208	658	2,510	2,453
11.5 Other civilian personnel compensation.....	874	255	894	971
11.7 Military personnel.....	282,726	85,425	311,147	314,587
Total personnel compensation.....	355,601	107,482	393,979	395,168
Personnel benefits:				
12.1 Civilian.....	7,537	2,271	7,936	7,953
12.2 Military personnel.....	83,039	25,092	95,515	97,675
21.0 Travel and transportation of persons.....	22,022	7,353	26,766	31,467
22.0 Transportation of things.....	15,209	5,148	19,940	21,269
Rent, communications, and utilities:				
23.1 Standard level user charges.....	9,420	2,390	10,963	12,119
23.2 Other rent, communications, and utilities.....	32,736	11,493	45,246	47,929
24.0 Printing and reproduction.....	2,411	809	3,296	3,513
25.0 Other services.....	66,406	22,352	89,344	98,703
26.0 Supplies and materials.....	91,175	30,834	123,631	135,194
31.0 Equipment.....	11,905	4,157	16,505	17,812
32.0 Lands and structures.....	3,528	1,185	4,217	4,102
42.0 Insurance claims and indemnities.....	727	238	978	1,077
43.0 Interest and dividends.....	85	25	83	74
Total direct costs, funded.....	701,801	220,830	838,400	874,055
94.0 Change in selected resources, net of unfunded adjustments.....	25,874	-467	-----	-----
Total direct obligations.....	727,675	220,363	838,400	874,055
Reimbursable obligations:				
Personnel compensation:				
11.1 Permanent positions.....	306	82	382	414
11.7 Military personnel.....	1,348	364	1,682	1,818
Total personnel compensation.....	1,655	446	2,064	2,232
Personnel benefits:				
12.1 Civilian.....	30	8	37	40
12.2 Military personnel.....	635	171	792	856
21.0 Travel and transportation of persons.....	259	70	324	350
22.0 Transportation of things.....	39	10	48	52
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	546	147	681	736
24.0 Printing and reproduction.....	2	1	2	2
25.0 Other services.....	6,172	852	7,659	8,280
26.0 Supplies and materials.....	4,813	488	5,964	6,448
31.0 Equipment.....	743	200	927	1,002
32.0 Lands and structures.....	2	1	2	2
Total reimbursable costs.....	14,896	2,394	18,500	20,000
94.0 Change in selected resources.....	-1,530	1,070	-----	-----
Total reimbursable obligations.....	13,366	3,464	18,500	20,000
99.0 Total obligations.....	741,041	223,827	856,900	894,055

Personnel Summary

Direct:				
Military:				
Total number of permanent positions.....	36,695	-----	37,280	37,418
Average number.....	35,677	-----	37,102	37,373
Civilian:				
Total number of permanent positions.....	5,389	-----	5,431	5,539
Full-time equivalent of other positions.....	265	-----	265	265
Average paid employment.....	5,321	-----	5,365	5,449
Average GS grade.....	7.66	-----	7.67	7.71
Average GS salary.....	\$14,256	-----	\$15,717	\$15,569
Average salary of ungraded positions.....	\$14,403	-----	\$15,485	\$15,993
Reimbursable:				
Military:				
Total number of permanent positions.....	198	-----	198	335
Average number.....	162	-----	198	335
Civilian:				
Total number of permanent positions.....	33	-----	33	33
Average paid employment.....	31	-----	31	31
Average GS grade.....	7.97	-----	8.33	8.33
Average GS salary.....	\$13,434	-----	\$14,083	\$14,083

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; [\$241,000,000, of which not to exceed \$5,000,000 may be transferred to the appropriation "Pollution Fund"] \$226,600,000 to remain available until [September 30, 1979] expended. (Title 14, United States Code; Department of Transportation and Related Agencies Appropriation Act, 1977; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0240-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Search and rescue.....	21,099	13,765	94,723	119,663
2. Aids to navigation.....	32,327	21,084	35,022	29,718
3. Marine safety.....	1,018	662	617	953
4. Marine environmental protection.....	7,451	4,859	18,538	24,565
5. Ocean operations.....	8,160	5,321	52,053	55,753
6. Military readiness.....	602	395	9,109	9,328
7. General support.....	14,672	9,574	18,242	20,049
Total direct program costs, funded.....	85,329	55,660	228,304	260,029
Change in selected resources (undelivered orders).....	45,718	-33,335	77,038	-30,629
Total direct obligations.....	131,046	22,325	305,342	229,400
Reimbursable program:				
2. Aids to navigation.....	533	93	5,800	.....
5. Ocean operations.....	38	.....	.....	.....
Total reimbursable program costs, funded.....	571	93	5,800	.....
Change in selected resources (undelivered orders).....	-38	134	100	.....
Total reimbursable obligations.....	533	227	5,900	.....
10.00 Total obligations.....	131,579	22,552	311,242	229,400
Financing:				
14.00 Offsetting collections from: Non-Federal sources.....	-531	-40	-5,900	.....
21.00 Unobligated balance available, start of period.....	-63,248	-98,301	-91,923	-22,581
24.00 Unobligated balance available, end of period.....	98,301	91,923	22,581	19,781
25.00 Unobligated balance lapsing.....	.....	26	.....	.....
Budget authority.....	166,100	16,160	236,000	226,600
Budget authority:				
40.00 Appropriation.....	166,100	16,160	241,000	226,600
41.00 Transferred to other accounts.....	.....	.....	-5,000	.....
43.00 Appropriation (adjusted).....	166,100	16,160	236,000	226,600
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	131,047	22,512	305,342	229,400
72.00 Obligated balance, start of period.....	73,696	84,409	73,662	221,004
74.00 Obligated balance, end of period.....	-84,409	-73,662	-221,004	-227,404
90.00 Outlays.....	120,334	33,259	158,000	223,000

This appropriation provides for the major acquisition, construction, and improvement of vessels, aircraft, shore units, and aids to navigation, excluding minor acquisitions, alterations, additions, renewals, and replacements where estimated costs of a project are \$75 thousand or less, or where renewals and replacements involve less than 75% of the original facility. Most of these facilities are multimission in nature and are included below under their primary mission area.

1. *Search and rescue.*—In 1978, 30 search and rescue boats and 1 replacement tug will be constructed along with continued improvement and modernization of selected boats and vessels; 12 medium-range surveillance aircraft and 10 short-range recovery helicopters will be procured. Construction, replacement, and/or renovation programs at selected shoresites and facilities are also provided for.

2. *Aids to navigation.*—Renovation and habitability improvements will be made to two aged buoy tenders; improvements to existing aids to navigation; and continuation of the lighthouse automation and modernization program and loran-C implementation plans are funded by this activity.

3. *Marine safety.*—Efforts to facilitate the marine safety mission will center on the procurement of small boats and renovation and construction programs at selected shore sites and facilities.

4. *Marine environmental protection.*—This activity provides for the procurement of 10 32-foot port safety boats and continuation of programs to eliminate discharge of waste from Coast Guard vessels.

5. *Ocean operations.*—This activity continues the high- and medium-endurance cutter replacement program initiated in 1977, with procurement of two cutters in 1978.

6. *Military readiness.*—This activity, like the above, continues the cutter replacement procurement program.

7. *General support.*—Major effort under this activity will be to provide for the construction or purchase of housing for Coast Guard personnel and their dependents where adequate living accommodations are unavailable.

Object Classification (in thousands of dollars)

Identification code 69-0240-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	1,994	512	2,817	3,055
11.3 Positions other than permanent.....	23	6	24	24
11.5 Other civilian personnel compensation.....	1,488	12	51	51
11.7 Military personnel.....	1,785	589	1,913	2,277
Total personnel compensation.....	3,851	1,119	4,805	5,407
Personnel benefits:				
12.1 Civilian.....	210	54	254	277
12.2 Military personnel.....	729	212	864	997
21.0 Travel and transportation of persons.....	528	338	1,001	990
22.0 Transportation of things.....	320	205	400	540
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	41	26	105	125
24.0 Printing and reproduction.....	62	40	75	80
25.0 Other services.....	13,024	8,335	36,905	41,460
26.0 Supplies and materials.....	7,761	4,967	21,665	23,570
31.0 Equipment.....	17,270	11,053	39,770	118,480
32.0 Lands and structures.....	41,534	29,311	62,460	68,103
Total direct costs, funded.....	85,329	55,660	228,304	260,029
94.0 Change in selected resources, net of unfunded adjustments.....	45,718	-33,335	77,038	-30,629
Total direct obligations.....	131,046	22,325	305,342	229,400
Reimbursable obligations:				
25.0 Other services.....	38	.....	5,666	.....
31.0 Equipment.....	533	93	134	.....
Total reimbursable costs.....	571	93	5,800	.....
94.0 Change in selected resources.....	-38	134	100	.....
Total reimbursable obligations.....	533	227	5,900	.....
99.0 Total obligations.....	131,579	22,552	311,242	229,400

Personnel Summary

Military:			
Total number of permanent positions.....	143	.....	143
Full-time equivalent of other positions.....	0	.....	0
Average number.....	143	.....	143
Civilian:			
Total number of permanent positions.....	172	.....	172
Full-time equivalent of other positions.....	3	.....	3
Average paid employment.....	127	.....	182
Average GS grade.....	9.36	.....	9.28
Average GS salary.....	\$16,076	.....	\$17,106

General and special funds—Continued

ALTERATION OF BRIDGES

For necessary expenses for alteration of obstructive bridges; **[\$10,900,000]** \$15,100,000 to remain available until expended. (Title 14, United States Code; 33 U.S.C. 494, 511 et seq.; 49 U.S.C. 1655(g)(3); Department of Transportation and Related Agencies Appropriation Act, 1977; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0244-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Alteration of bridges (operating costs, funded).....	3,256	2,892	10,900	15,100
Change in selected resources (undelivered orders).....	3,297	-1,267	-----	-----
10.00 Total obligations (object class 25.0) ..	6,554	1,625	10,900	15,100
Financing:				
21.00 Unobligated balance available, start of period.....	-54	-----	-----	-----
40.00 Budget authority (appropriation) ..	6,500	1,625	10,900	15,100
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	6,554	1,625	10,900	15,100
72.00 Obligated balance, start of period.....	3,758	7,047	5,780	6,080
74.00 Obligated balance, end of period.....	-7,047	-5,780	-6,080	-6,180
90.00 Outlays.....	3,265	2,892	10,600	15,000

This appropriation provides the Government's share of the costs for altering or removing bridges determined to be obstructions to navigation. In 1978, funding is provided to continue alteration of bridges currently under construction. No new starts are anticipated in 1978.

RETIRED PAY*

* See Part III for additional information.

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 and Survivor Benefit Plans; **[\$147,103,000]** \$155,401,000. (Title 14, United States Code; 10 U.S.C. 1164, 1166, 1201, 1204, 1205, 1263, 1293, 1305, 1431-1455; 33 U.S.C. 763, 763-1, 763-2, 763a-1, 763a-2, 765, 771, 772; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0241-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Regular military personnel.....	119,207	31,849	136,420	150,935
2. Former Lighthouse Service personnel ..	2,038	508	2,030	2,054
3. Reserve personnel.....	2,788	782	3,530	4,092
4. Survivor benefit payments.....	2,181	690	2,680	3,495
Total program costs.....	126,214	33,829	144,660	160,576
Unfunded adjustments: Deductions from retired pay.....	-4,056	-1,087	-4,360	-5,175
10.00 Total program costs, funded—obligations (object class 13.0).....	122,158	32,742	140,300	155,401
Financing:				
21.00 Unobligated balance available, start of period.....	-----	-1,492	-----	-----
24.00 Unobligated balance available, end of period.....	1,492	-----	-----	-----
25.00 Unobligated balance lapsing.....	-----	2,050	6,803	-----
40.00 Budget authority (appropriation) ..	123,650	33,300	147,103	155,401
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	122,158	32,742	140,300	155,401
72.00 Obligated balance, start of period.....	20	351	412	412
74.00 Obligated balance, end of period.....	-351	-412	-412	-412
77.00 Adjustments in expired accounts.....	-182	-69	-----	-----
90.00 Outlays.....	121,645	32,612	140,300	155,401

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 numbers on the rolls at the end of 1976 and the transition quarter were 16,556 and 16,877, respectively, and the numbers estimated to be on the rolls at the end of 1977 and 1978 are 17,626 and 18,359, respectively. The following tabulation shows the average number of personnel on the rolls during 1976 and the transition quarter compared with estimated numbers for 1977 and 1978:

CATEGORY	AVERAGE NUMBER			
	1976 act.	TQ act.	1977 est.	1978 est.
Enlisted personnel.....	10,466	2,688	11,014	11,664
Commissioned officers.....	2,968	749	2,991	3,020
Warrant officers.....	2,205	563	2,288	2,392
Former Lighthouse Service personnel.....	270	63	237	213
Reserve personnel.....	555	151	647	712
Total.....	16,464	4,214	17,177	18,001

RESERVE TRAINING

(INCLUDING TRANSFER OF FUNDS)

For all necessary expenses for the Coast Guard Reserve, as authorized by law; maintenance and operation of facilities; and supplies, equipment, and services; **[\$34,630,000]** \$36,560,000: Provided, That amounts equal to the obligated balances against the appropriations for "Reserve training" for the two preceding years [and the period July 1, 1976, through September 30, 1976,] 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. (Titles 10, 14, and 37, United States Code; Department of Transportation and Related Agencies Appropriation Act 1977; additional authorizing legislation to be proposed for \$27,434,000.)

Program and Financing (in thousands of dollars)

Identification code 69-0242-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Initial training.....	1,361	989	2,764	3,106
2. Continuing training.....	16,088	5,952	18,119	18,221
3. Operation and maintenance of training facilities.....	7,815	2,224	8,650	8,955
4. Administration.....	5,847	1,579	6,217	6,278
Total program costs, funded.....	31,111	10,744	35,750	36,560
Change in selected resources (undelivered orders).....	626	-214	-----	-----
Total direct obligations.....	31,738	10,530	35,750	36,560
Reimbursable program:				
5. Miscellaneous services for other accounts (costs—obligations).....	12	7	40	40
10.00 Total obligations.....	31,750	10,537	35,790	36,600
Financing:				
11.00 Offsetting collections from: Federal funds ..	-12	-7	-40	-40
21.00 Unobligated balance available, start of period.....	-----	-362	-----	-----
24.00 Unobligated balance available, end of period.....	362	-----	-----	-----
25.00 Unobligated balance lapsing.....	-----	407	-----	-----
Budget authority.....	32,100	10,575	35,750	36,560
Budget authority:				
40.00 Appropriation.....	32,100	10,575	34,650	36,560
44.30 Supplemental now requested for military pay raises.....	-----	-----	1,100	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	31,738	10,530	35,750	36,560
72.00 Obligated balance, start of period.....	2,678	3,511	3,564	3,664
74.00 Obligated balance, end of period.....	-3,511	-3,564	-3,664	-3,764
77.00 Adjustments in expired accounts.....	-256	-18	-----	-----
90.00 Outlays, excluding pay raise supplemental.....	30,649	10,459	34,550	36,460
91.30 Outlays from military pay raise supplemental.....	-----	-----	1,100	-----

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. This objective is accomplished through formal training and augmenting regular forces in performance of their peacetime missions during domestic emergencies and periods of routine as well as peak operations. Funds requested will provide for a Ready Reserve of 21,000, including a Selected Reserve of 11,700.

Direct program.—1. Initial training.—This activity encompasses direct costs of initial training for two program categories of non-prior service trainees. The first category involves those who perform approximately 30 weeks initial training comprised of recruit training and attendance at a class A school. The second category involves training for those reservists whose performance of initial training is split between two consecutive summer periods. The first period, 2½ months, consists of recruit training. The second period, 2½ to 4 months, consists of specialty training and/or on-the-job training with the length of the period varying with the type of training.

2. Continuing training.—Direct costs of officer and enlisted drills and annual active duty for training are programmed under this activity.

3. Operation and maintenance of training facilities.—All costs for the operation and maintenance of Reserve training facilities are programmed 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 stationkeeper support to the organized Reserve training units, and the procurement of training aids and facilities (under \$75 thousand).

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

Reimbursable program.—5. Miscellaneous services for other accounts.—The Coast Guard performs functions related to mobilization for the Selective Service System for which reimbursement is received.

DAYS OF TRAINING

	1976 act.	1977 est.	1978 est.
Initial training: Initial active duty for training.....	59,075	121,800	121,800
Continuing training: Selected Reserve (with pay):			
Active duty for training.....	123,486	132,642	132,642
Drills (12-48 per year).....	465,934	471,856	471,856
Other Ready Reserve (without pay):			
Drill training.....	19,114	14,000	14,000
Active duty for training.....	1,234	1,100	1,100

Object Classification (in thousands of dollars)

Identification code 69-0242-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	1,279	345	1,352	1,413
11.3 Positions other than permanent.....	17	10	44	44
11.5 Other personnel compensation.....	17	5	19	19
11.7 Military personnel.....	21,162	7,242	26,413	26,634
Total personnel compensation.....	22,475	7,602	27,828	28,110
Personnel benefits:				
12.1 Civilian.....	130	35	138	143
12.2 Military personnel.....	2,402	690	722	800
21.0 Travel and transportation of persons.....	1,092	691	1,268	1,345
22.0 Transportation of things.....	357	81	414	439
Rent, communications, and utilities:				
23.1 Standard level user charges.....	249	78	280	316
23.2 Other rent, communications, and utilities.....	346	99	400	425
24.0 Printing and reproduction.....	117	14	135	144
25.0 Other services.....	889	650	1,031	1,093
26.0 Supplies and materials.....	2,746	761	3,181	3,372
31.0 Equipment.....	271	32	312	330
42.0 Insurance claims and indemnities.....	37	11	41	43
Total direct costs, funded.....	31,111	10,744	35,750	36,560
94.0 Change in selected resources.....	626	-214		
Total direct obligations.....	31,738	10,530	35,750	36,560
Reimbursable obligations:				
11.7 Personnel compensation: Military personnel.....	11	7	33	33
12.2 Personnel benefits: Military personnel.....			2	2

21.0 Travel and transportation of persons.....	1		5	5
Total reimbursable obligations.....	12	7	40	40
99.0 Total obligations.....	31,750	10,537	35,790	36,600

Personnel Summary

Military:				
Total number of permanent positions.....	728		728	728
Average number.....	728		728	728
Civilian:				
Total number of permanent positions.....	119		119	119
Full-time equivalent of other positions.....	1		1	1
Average paid employment.....	125		116	116
Average GS grade.....	5.63		5.63	5.63
Average GS salary.....	\$11,595		\$12,155	\$12,155

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; [\$18,800,000] \$22,800,000, to remain available until expended. (Title 14, United States Code; Department of Transportation and Related Agencies Appropriation Act, 1977; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0243-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Search and rescue.....	1,527	418	1,734	1,245
2. Aids to navigation.....	1,882	516	2,048	2,460
3. Marine safety.....	2,966	814	3,785	4,280
4. Marine environmental protection.....	5,957	1,634	9,397	7,665
5. Ocean operations.....	274	75	142	600
6. Program support.....	4,722	1,295	5,794	6,450
Total direct program costs, funded.....	17,329	4,752	22,900	22,700
Change in selected resources (undelivered orders).....	-4,598	804		
Total direct obligations.....	12,731	5,556	22,900	22,700
Reimbursable program:				
2. Aids to navigation.....	12	63		
3. Marine safety.....	70	54	765	
4. Marine environmental protection.....	96	74	1,460	
5. Ocean operations.....	57	107	300	
Total reimbursable program costs, funded.....	235	298	2,525	
Change in selected resources (undelivered orders).....	469	15		
Total reimbursable obligations.....	704	313	2,525	
10.00 Total obligations.....	13,436	5,869	25,425	22,700
Financing:				
11.00 Offsetting collections from: Federal funds.....	-607	-772	-2,525	
21.00 Unobligated balance available, start of period.....	-1,051	-6,822	-6,375	-2,275
24.00 Unobligated balance available, end of period.....	6,822	6,375	2,275	2,375
40.00 Budget authority (appropriation).....	18,600	4,650	18,800	22,800
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	12,829	5,097	22,900	22,700
72.00 Obligated balance, start of period.....	12,216	7,262	8,513	11,413
74.00 Obligated balance, end of period.....	-7,262	-8,513	-11,413	-14,113
90.00 Outlays.....	17,783	3,846	20,000	20,000

1. Search and rescue.—Emphasis will be placed on the improvement of search and rescue operation effectiveness, including; helicopter search and detection equipment, search planning improvements, surface and underwater rescue techniques, operations center improvements, ship-helicopter operating limits, and hypothermia studies.

2. Aids to navigation.—Activities are intended to reduce the potential for pollution-causing incidents and to improve buoy systems with the development of more accurate positioning techniques and hardware with reduced operating costs. Applied research will be continued to increase the capability, improve signal availability, and increase the utilization of loran-C in restricted waters. Also, vessel traffic management techniques will be improved and standardized in congested ports and waterway areas.

General and special funds—Continued

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION—Continued

3. *Marine safety.*—Commercial vessel safety research will be conducted to minimize deaths, personal injury, and loss or damage caused by collisions, rammings, groundings, fire, and explosion. Knowledge attained from this research will support the establishment of regulations and standards designed to prevent vessel casualties. Recreational boating safety activities will continue applied research of boat and equipment safety standards, operator requirements, safe powering, and collision avoidance.

4. *Marine environmental protection.*—Emphasis will be on: (a) development of prototype hardware procedures, and information for detection, response, and abatement of oil and hazardous substance discharges within U.S. waters; and (b) providing a technical basis for regulations and procedures to insure safety of construction and operation of deepwater ports with emphasis on spills control, prevention, and cleanup. Vessel traffic service development will concentrate on improving equipment performance and operational effectiveness; developing firefighting guidelines and techniques; and providing deepwater port research on oil control and recovery.

5. *Ocean operations.*—Program emphasis will continue on the improvement of icebreaking technology and ice research. Another major activity will be the development of plans for improved monitoring and surveillance systems for Coast Guard enforcement of laws and treaties including the Fisheries Conservation and Management Act of 1976.

6. *Program support.*—This activity will provide for broad program research to identify, monitor, and develop technologies that may contribute to improved productivity and effectiveness. This area also provides for administrative and project management personnel at headquarters, and for the operation, maintenance, and personnel costs of the research and development laboratory facilities at Groton, Conn., and Mobile, Ala.

Object Classification (in thousands of dollars)

Identification code 69-0243-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	1,404	364	1,756	1,906
11.3 Positions other than permanent.....	76	19	79	79
11.5 Other civilian personnel compensation.....	4	1	5	5
11.7 Military personnel.....	1,659	421	1,899	1,989
Total personnel compensation.....	3,143	805	3,739	3,979
Personnel benefits:				
12.1 Civilian.....	139	36	158	172
12.2 Military personnel.....	468	119	674	699
21.0 Travel and transportation of persons.....	644	174	750	693
22.0 Transportation of things.....	37	10	49	46
Rent, communications, and utilities:				
23.1 Standard level user charges.....	94	30	110	128
23.2 Other rent, communications, and utilities.....	237	64	315	321
24.0 Printing and reproduction.....	74	20	98	110
25.0 Other services.....	10,680	3,003	14,591	14,318
26.0 Supplies and materials.....	437	118	581	537
31.0 Equipment.....	1,376	372	1,830	1,692
32.0 Lands and structures.....	.....	1	5	5
Total direct costs, funded.....	17,329	4,752	22,900	22,700
94.0 Change in selected resources.....	-4,598	804	.....	.....
Total direct obligations.....	12,731	5,556	22,900	22,700
Reimbursable obligations:				
21.0 Travel and transportation of persons.....	7	2	5	.....
22.0 Transportation of things.....	4	1	.....	.....
25.0 Other services.....	197	260	2,520	.....
26.0 Supplies and materials.....	25	32	.....	.....
31.0 Equipment.....	3	.....	.....	.....
Total reimbursable costs.....	235	298	2,525	.....
94.0 Change in selected resources.....	469	15	.....	.....
Total reimbursable obligations.....	704	313	2,525	.....
99.0 Total obligations.....	13,436	5,869	25,425	22,700

Personnel Summary

Military:				
Total number of permanent positions.....	110	.....	110	110
Full-time equivalent of other positions.....	0	.....	0	0
Average number.....	110	.....	110	110
Civilian:				
Total number of permanent positions.....	91	.....	91	100
Full-time equivalent of other positions.....	6	.....	6	6
Average paid employment.....	84	.....	92	101
Average GS grade.....	10.31	.....	10.31	10.18
Average GS salary.....	\$18,970	.....	\$20,536	\$20,026

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, as amended (46 U.S.C. 1451 et seq.), \$5,790,000, to remain available until expended. (Title 14, United States Code; 46 U.S.C. 1474-1480; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0246-0-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
State boating safety assistance (operating costs, funded).....	4,276	754	6,600	5,790
Change in selected resources (undelivered orders).....	1,795	32	.....	.....
10.00 Total obligations (object class 41.0).....	6,071	786	6,600	5,790
Financing:				
21.00 Unobligated balance available, start of period.....	-507	-227	-890	-80
24.00 Unobligated balance available, end of period.....	227	890	80	80
40.00 Budget authority (appropriation).....	5,790	1,450	5,790	5,790
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	6,071	786	6,600	5,790
72.00 Obligated balance, start of period.....	813	1,803	1,841	1,541
74.00 Obligated balance, end of period.....	-1,803	-1,841	-1,541	-1,831
90.00 Outlays.....	5,080	749	6,900	5,500

This appropriation provides financial assistance for the development and implementation of comprehensive State boating safety programs.

POLLUTION FUND*

*See Part III for additional information.

For carrying out the provisions of subsections (c), (d), (i), and (l) of section 311 of the Federal Water Pollution Control Act Amendments of 1972 (Public Law 92-500), \$5,000,000, to remain available until expended.

【Funds provided for the Coast Guard's Pollution Fund in Public Law 94-387, shall become available immediately upon enactment of this legislation into law.】 (33 U.S.C. 1321(k), Public Law 92-500; District of Columbia Appropriation Act, 1977; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-5168-0-2-304	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Operating costs, funded.....	7,120	7,129	8,000	8,500
Change in selected resources (undelivered orders).....	-287	1,357	.....	.....
10.00 Total obligations.....	6,833	8,485	8,000	8,500
Financing:				
21.00 Unobligated balance available, start of period.....	-2,380	-8,503	-712	-1,212
24.00 Unobligated balance available, end of period.....	8,503	712	1,212	1,212
Budget authority.....	12,957	694	8,500	8,500
Budget authority:				
Current authority:				
40.00 Appropriation.....	10,000	.....	5,000	5,000
42.00 Transferred from other accounts.....	.....	.....	.....	.....
43.00 Appropriation (adjusted).....	10,000	.....	5,000	5,000
Permanent authority:				
60.00 Appropriation.....	2,957	694	3,500	3,500

Relation of obligations to outlays:					
71.00	Obligations incurred, net.....	6,833	8,485	8,000	8,500
72.00	Obligated balance, start of period.....	3,961	3,383	4,653	5,353
74.00	Obligated balance, end of period.....	-3,383	-4,653	-5,353	-5,853
77.00	Adjustment in expired accounts.....	-57	57		
90.00	Outlays.....	7,354	7,273	7,300	8,000

This fund insures 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 is used when a spill occurs and the responsible owner or operator of a vessel, of an onshore facility, or of an offshore facility does not accomplish immediate cleanup with his own resources. Expenditures from the fund are later reimbursed by the responsible owner or operator.

Object Classification (in thousands of dollars)

Identification code 69-5168-0-2-304	1976 act.	TQ act.	1977 est.	1978 est.	
21.0	Travel and transportation of persons.....	39	10		
22.0	Transportation of things.....	1			
23.2	Rent, communications, and utilities: Other rent, communications, and utilities.....	5	1		
25.0	Other services.....	6,987	7,097	8,000	8,500
26.0	Supplies and materials.....	63	16		
42.0	Insurance claims and indemnities.....	25	5		
	Total costs, funded.....	7,120	7,129	8,000	8,500
94.0	Change in selected resources.....	-287	1,357		
99.0	Total obligations.....	6,833	8,485	8,000	8,500

Intragovernmental funds:

COAST GUARD SUPPLY FUND

Program and Financing (in thousands of dollars)

Identification code 69-4535-0-4-406	1976 act.	TQ act.	1977 est.	1978 est.	
Program by activities:					
	Operating costs, funded: Cost of goods sold.....	55,701	13,955	60,600	63,600
	Change in selected resources (undelivered orders and stores).....	-3,572	-898	2,100	98
10.00	Total obligations (object class 26.0) ..	52,129	13,057	62,700	63,698
Financing:					
	Offsetting collections from:				
11.00	Federal funds:				
	Revenue.....	-49,164	-12,029	-53,600	-56,100
	Change in unfilled customers' orders.....	4,176	867	-1,892	
14.00	Non-Federal sources.....	-6,520	-1,908	-7,000	-7,500
21.00	Unobligated balance available, start of period.....	-27	-1,406	-1,419	-1,211
24.00	Unobligated balance available, end of period.....	1,406	1,419	1,211	1,113
40.00	Budget authority (appropriation) ..	2,000			
Relation of obligations to outlays:					
71.00	Obligations incurred, net.....	621	-13	208	98
72.00	Obligated balance, start of period.....	2,975	1,569	2,767	2,275
74.00	Obligated balance, end of period.....	-1,569	-2,767	-2,275	-1,473
90.00	Outlays.....	2,026	-1,210	700	900

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 \$64 million in this fund in 1978 is divided 3% for uniform clothing; 45% for commissary provisions; and 52% for general stores, technical material, and fuel.

COAST GUARD YARD FUND

Program and Financing (in thousands of dollars)

Identification code 69-4743-0-4-406	1976 act.	TQ act.	1977 est.	1978 est.	
Program by activities:					
	Operating costs:				
	Cost of goods sold.....	10,653	3,146	10,699	10,978
	Other.....	18,417	4,810	20,052	20,389
	Total operating costs.....	29,070	7,956	30,752	31,367

Unfunded adjustments to operating costs: Property transferred in without charge.....					-73	-44	-150	-124
Total operating costs, funded.....					28,997	7,912	30,602	31,243
Capital outlay, funded:								
	Purchase of equipment.....	366	132	295	305			
Total program costs, funded.....					29,363	8,044	30,897	31,548
Writeoff of nonindustrial leave liability.....						-106		
Change in selected resources (undelivered orders and stores).....					-1,224	61	-174	-1,382
10.00	Total obligations.....	28,140	8,000	30,723	30,166			
Financing:								
Offsetting collections from:								
11.00	Federal funds:							
	Sale of goods and services.....	-29,165	-7,925	-30,889	-31,441			
	Change in unfilled customers' orders.....	-3,834	3,260	-3,584	1,800			
14.00	Non-Federal sources:							
	Sale of scrap and excess material.....	-19	-6	-30	-19			
	Proceeds from sale of equipment.....	-6		-20	-13			
21.98	Unobligated balance available, start of period.....	-1,201	-6,086	-2,756	-6,556			
24.98	Unobligated balance available, end of period.....	6,086	2,756	6,556	6,063			
Budget authority.....								

Relation of obligations to outlays:					
71.00	Obligations incurred, net.....	-4,884	3,330	-3,800	493
72.98	Obligated balance, start of period.....	8,275	4,463	4,702	5,302
74.98	Obligated balance, end of period.....	-4,463	-4,702	-5,302	-2,225
90.00	Outlays.....	-1,073	3,091	-4,400	3,570

This fund finances industrial operation 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]			
	1976 act.	TQ act.	1977 est.	1978 est.
Vessel repairs and alterations.....	50	52	60	58
Vessel construction.....	18	18	12	10
Boat repairs and construction.....	20	20	17	20
Boat fabrication.....	2	2	2	2
Fabrication of special and miscellaneous items.....	10	8	9	10
Total.....	100	100	100	100

Object Classification (in thousands of dollars)

Identification code 69-4743-0-4-406	1976 act.	TQ act.	1977 est.	1978 est.	
Personnel compensation:					
11.1	Permanent positions.....	13,031	3,410	14,321	14,444
11.3	Positions other than permanent.....	23	6	24	24
11.5	Other civilian personnel compensation.....	1,980	595	2,059	2,049
11.7	Military personnel.....	363	89	356	360
	Total personnel compensation.....	15,398	4,099	16,760	16,877
Personnel benefits:					
12.1	Civilian.....	1,405	372	1,544	1,557
12.2	Military personnel.....	15	4	15	15
21.0	Travel and transportation of persons.....	2		13	13
22.0	Transportation of things.....	50	21	60	61
23.2	Rent, communications, and utilities: Other rent, communications, and utilities.....	855	146	923	925
24.0	Printing and reproduction.....	7	2	8	8
25.0	Other services.....	539	228	540	545
26.0	Supplies and materials.....	10,799	3,085	10,890	11,366
31.0	Equipment.....	366	132	295	305
	Total costs.....	29,436	8,089	31,047	31,672
94.0	Change in selected resources, net of unfunded adjustments.....	-1,296	-88	-324	-1,506
99.0	Total obligations.....	28,140	8,000	30,723	30,166

Personnel Summary

Military:			
Total number of permanent positions.....	24	24	24
Average number.....	24	24	24
Civilian:			
Total number of permanent positions.....	1,007	1,007	1,007
Full-time equivalent of other positions.....	2	2	2
Average paid employment.....	970	965	965
Average GS grade.....	7.76	7.76	7.76
Average GS Salary.....	\$14,194	\$15,033	\$15,183
Average salary of ungraded positions.....	\$13,853	\$14,842	\$14,853

Trust Funds

COAST GUARD GENERAL GIFT FUND (TRUST ACCOUNT)

Program and Financing (in thousands of dollars)

Identification code 69-8533-0-7-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00 Training and morale (costs—obligations)...	7	2	30	30
Financing:				
21.00 Unobligated balance available, start of period:				
Treasury balance.....	-7	-9	-9	-9
U.S. securities (par).....	-10	-10	-10	-10
24.00 Unobligated balance available, end of period:				
Treasury balance.....	9	9	9	9
U.S. securities (par).....	10	10	10	10
60.00 Budget authority (appropriation) (permanent, indefinite).....	9	1	30	30
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	7	2	30	30
72.00 Obligated balance, start of period.....		1	2	2
74.00 Obligated balance, end of period.....	-1	-2	-2	-2
90.00 Outlays.....	7	1	30	30

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 69-8533-0-7-406	1976 act.	TQ act.	1977 est.	1978 est.
25.0 Other services.....	4	2	23	23
26.0 Supplies and materials.....	3		4	4
31.0 Equipment.....			3	3
99.0 Total obligations.....	7	2	30	30

MISCELLANEOUS TRUST REVOLVING FUNDS

Program and Financing (in thousands of dollars)

Identification code 69-9981-0-8-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Cadet activities.....	5,395	568	5,077	5,152
2. Surcharge collections, sales of commissary stores.....	148	30	142	162
10.00 Total program costs, funded—obligations.....	5,543	598	5,219	5,314
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-4,616	-500	-4,500	-4,600
14.00 Non-Federal sources.....	-963	-107	-675	-662
21.00 Unobligated balance available, start of period.....	-94	-130	-139	-95
24.00 Unobligated balance available, end of period.....	130	139	95	43
Budget authority.....				
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-36	-9	44	52
72.00 Obligated balance, start of period.....	843	606	1,109	1,139
74.00 Obligated balance, end of period.....	-606	-1,109	-1,139	-1,165
90.00 Outlays.....	200	-512	14	26

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.

The Coast Guard surcharge collections, sales of commissary stores 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 69-9981-0-8-406	1976 act.	TQ act.	1977 est.	1978 est.
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	19	5	21	24
25.0 Other services.....	3,758	413	3,524	3,576
26.0 Supplies and materials.....	1,752	175	1,649	1,686
31.0 Equipment.....	14	5	25	28
99.0 Total costs—obligations.....	5,543	598	5,219	5,314

FEDERAL AVIATION ADMINISTRATION

The following table, in millions of dollars, depicts the funding for all Federal Aviation Administration programs for which more detail is furnished in the budget schedules.

	1976	TQ	1977	1978
Budget authority:				
Operations.....	1,567	411	1,739	1,817
Trust fund.....	(-)	(-)	(250)	(237)
Aircraft loan guarantee.....	82	30	10	
Grants-in-aid for airports (trust).....	3	515	510	550
Facilities and equipment (trust).....	246		200	213
Research, engineering and development (trust).....	67	18	74	85
Metropolitan Washington airports.....	30	5	27	27
Facilities, engineering and development.....	15	3	16	18
Total net.....	1,928	952	2,566	2,710
Program level:				
Operations.....	1,567	415	1,739	1,817
Trust fund.....	(-)	(-)	(250)	(237)
Aircraft loan guarantee.....	82	30	10	
Grants-in-aid for airports (trust).....	-7	419	521	475
Facilities and equipment (trust).....	157	127	200	213
Research, engineering and development (trust).....	68	18	75	85
Facilities, engineering and development.....	11	4	22	20
Metropolitan Washington airports.....	19	10	39	27
Civil supersonic aircraft development termination.....				-2
Safety regulation.....	1		1	
Aviation war risk insurance revolving fund.....	-1		-1	-1
Total net.....	1,897	1,023	2,606	2,634
Outlays:				
Operations.....	1,552	382	1,741	1,808
Trust fund.....	(1)	(-)	(250)	(237)
Grants-in-aid for airports (trust).....	269	26	308	548
Facilities and equipment (trust).....	204	48	220	218
Research, engineering and development (trust).....	74	18	71	85
Facilities, engineering and development.....	13	3	18	18
Metropolitan Washington airports.....	20	5	35	29
Civil supersonic aircraft development termination.....	1			
Safety regulation.....			2	
Aviation war risk insurance revolving fund.....	-1		-1	-1
Total net.....	2,132	482	2,394	2,705

Federal Funds

General and special funds:

OPERATIONS*

*See "Legislative Program" (end of this chapter) for additional information.

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: **[\$1,666,000,000] \$1,819,750,000**; of which **[\$250,000,000] \$236,805,000** shall be derived by transfer from the Airport and Airway Trust Fund, for the purposes of subsection (e) of section 14 of the Airport and Airway Development Act of 1970, as amended, and subject to the conditions of that subsection: *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. 1151-1160; 50 U.S.C. App. 1622(g); Convention on International Recognition of Rights in Aircraft, 4 U.S.C. 1830; 10 U.S.C. 4655; Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-1301-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Operations:				
(a) Operation of traffic control system	779,424	203,345	862,694	896,167
(b) Installation and materiel services	153,769	40,550	172,038	185,854
(c) Maintenance of traffic control system	400,014	108,805	444,522	469,646
(d) Administration of flight standards program	179,021	47,553	197,117	203,389
(e) Administration of medical programs	10,210	2,734	11,744	11,903
(f) Development direction	17,950	5,150	20,468	21,464
(g) Administration of airports program	26,264	7,244	30,317	31,327
2. Facilities and equipment	31	111	77	-----
3. Engineering and development	-----	-----	32	-----
Total direct program	<u>1,566,683</u>	<u>415,492</u>	<u>1,739,009</u>	<u>1,819,750</u>
Reimbursable program:				
1. Operations:				
(a) Operation of traffic control system	2,048	524	6,714	6,265
(b) Installation and materiel services	2,535	634	2,345	3,604
(c) Maintenance of traffic control system	4,465	1,255	8,373	8,122
(d) Administration of flight standards program	3,687	1,005	4,695	4,478
(e) Administration of medical programs	10	-----	11	11
(g) Administration of airports program	76	25	504	465
Total reimbursable program	<u>12,821</u>	<u>3,443</u>	<u>22,642</u>	<u>22,945</u>
10.00 Total obligations	<u>1,579,504</u>	<u>418,935</u>	<u>1,761,651</u>	<u>1,842,695</u>
Financing:				
Offsetting collections from:				
11.00 Federal funds	-9,236	-2,489	-10,244	-11,007
13.00 Trust funds	-----	-----	-250,000	-236,805
14.00 Non-Federal sources	-3,585	-954	-12,398	-11,938
17.00 Recovery of prior period obligations	-28	-----	-----	-----
21.00 Unobligated balance available, start of period	-222	-6,817	-109	-----
22.00 Unobligated balance transferred from other accounts	-6,000	-----	-----	-----
24.00 Unobligated balance available, end of period	6,817	109	-----	-----
25.00 Unobligated balance lapsing	-----	1,816	-----	-----
Budget authority	<u>1,567,250</u>	<u>410,600</u>	<u>1,488,900</u>	<u>1,582,945</u>
Budget authority:				
40.00 Appropriation	<u>1,567,250</u>	<u>410,600</u>	<u>1,416,000</u>	<u>1,582,945</u>
44.20 Supplemental now requested for civilian pay raises	-----	-----	72,900	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net	1,566,655	415,492	1,489,009	1,582,945
72.00 Obligated balance, start of period	101,481	113,974	146,518	144,760
74.00 Obligated balance, end of period	-113,974	-146,518	-144,760	-153,910
77.00 Adjustments in expired accounts	-2,268	-1,170	-----	-----
90.00 Outlays, excluding pay raise supplemental	1,551,894	381,679	1,419,467	1,572,295
91.20 Outlays from civilian pay raise supplemental	-----	-----	71,400	1,500

Year:

	Landings and takeoffs at airports with FAA towers (in millions)	Instrument operations at airports with FAA traffic control service (in millions)	Revenue passenger miles (in billions)
1972	53.6	19.4	144.2
1973	53.9	22.0	157.9
1974	56.8	24.1	165.0
1975	59.0	26.2	159.0
1976	62.5	28.1	169.5
197Q estimate	16.5	8.8	46.2
1977 estimate	66.6	30.9	184.8
1978 estimate	69.8	33.3	195.0

(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, and lease costs for space for which payment is made to General Services Administration (GSA). Major increases in 1978 are to provide supply support, leased communications services for air traffic control and air navigation facilities, and for increased costs associated with space rental.

(c) *Maintenance of traffic control system.*—This activity covers the direction and engineering services related to the maintenance, improvement, and modification of facilities and equipment in the traffic control system; and the technical operation and maintenance of a national network of air navigation aids and traffic control facilities in the United States and its possessions. Major increases under this activity provide additional field staffing for the maintenance of existing facilities included in the National Airspace System and for new facilities authorized under prior year establishment programs which are planned for commissioning in 1978.

(d) *Administration of flight standards program.*—This activity promotes safety of flight of civil aircraft in air commerce by assuring the airworthiness of aircraft; the competence of airmen; the adequacy of flight procedures and air operations; the evaluation of in-flight facility performance for compliance with prescribed standards; and the safe operation and the effective development, utilization, and maintenance of the FAA's aircraft fleet. Resources are also included under this activity for the conduct of the Federal Government's civil aviation 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 application of these medical standards through the physical examination of applicants for new or periodic renewal of airman medical certification; the designation and training of over 7,500 private physicians in the special requirements of aviation medicine who will perform the physical examinations of airman applicants; the development and supervision of an occupational health program for agency personnel; the conduct of medical education activities among airmen; the administration of an aviation medical research program, the projects costs of which are financed under Research engineering and development and the Facilities, engineering and development appropriations.

(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 and Facilities, engineering and development appropriations.

Note.—Excludes \$498 thousand in 1977 and 1978 for activities transferred to "Salaries and expenses, Department of State." Comparable amounts for 1976 (\$421 thousand) and TQ (\$118 thousand), are included above.

1. *Operations.*—(a) *Operation of traffic control system.*—This activity covers the operation 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 25 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 426 major civil airports to guide traffic movements on and in the vicinity of the airports. Some 328 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 1978 will provide for additional staffing in the controller work force to handle workload growth and to operate newly commissioned air traffic control facilities.

General and special funds—Continued

OPERATIONS—Continued

(g) *Administration of airports program.*—This activity includes the following work programs: (1) administration of a grants-in-aid program for airport planning and development, including the administration of a general aviation State demonstration program; (2) preparation and maintenance of a revised national airport system plan; (3) development and application of airport engineering and safety standards; (4) collection, processing, and dissemination of airport data; and (5) safety certification of airports which serve Civil Aeronautics Board certificated air carriers.

Object Classification (in thousands of dollars)

Identification code 69-1301-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
FEDERAL AVIATION ADMINISTRATION				
Direct:				
Personnel compensation:				
11.1 Permanent positions	1,038,281	269,650	1,146,316	1,175,916
11.3 Positions other than permanent	28,442	8,775	33,907	33,930
11.5 Other personnel compensation	66,602	15,518	68,095	70,575
11.8 Special personal services payments	748	174	852	962
Total personnel compensation	1,134,073	294,117	1,249,170	1,281,383
12.1 Personnel benefits: Civilian	133,595	36,992	151,410	166,674
13.0 Benefits for former personnel	32	9	---	---
21.0 Travel and transportation of persons	34,556	9,038	39,992	44,581
22.0 Transportation of things	12,768	3,342	13,475	14,264
Rent, communications, and utilities:				
23.1 Standard level user charges	12,688	3,108	13,793	18,106
23.2 Other rent, communications, and utilities	59,319	16,054	70,036	75,052
24.0 Printing and reproduction	7,135	1,944	8,674	11,300
25.0 Other services	62,237	18,052	75,103	81,225
26.0 Supplies and materials	51,234	13,758	55,273	58,333
31.0 Equipment	9,427	6,413	8,204	9,474
32.0 Lands and structures	85	118	130	99
41.0 Grants, subsidies, and contributions	6	---	---	---
42.0 Insurance claims and indemnities	104	118	99	105
Subtotal	1,517,259	403,063	1,685,359	1,760,596
95.0 Quarters and subsistence charges	-1,177	-301	-1,128	-1,176
Total direct obligations	1,516,082	402,762	1,684,231	1,759,420
Reimbursable:				
Personnel compensation:				
11.1 Permanent positions	6,108	1,676	11,459	12,841
11.3 Positions other than permanent	106	30	123	119
11.5 Other personnel compensation	395	118	493	463
11.8 Special personal services payments	209	88	---	---
Total personnel compensation	6,818	1,912	12,075	13,423
12.1 Personnel benefits: Civilian	801	205	3,098	2,469
21.0 Travel and transportation of persons	589	153	1,480	1,221
22.0 Transportation of things	162	55	742	205
Rent, communications, and utilities: Other				
24.0 Printing and reproduction	501	129	426	498
25.0 Other services	61	31	48	78
26.0 Supplies and materials	728	168	1,558	1,517
31.0 Equipment	3,118	789	2,949	3,432
Subtotal	12,833	3,446	22,654	22,957
95.0 Quarters and subsistence charges	-12	-3	-12	-12
Total reimbursable obligations	12,821	3,443	22,642	22,945
Total obligations, Federal Aviation Administration	1,528,903	406,205	1,706,873	1,782,365
ALLOCATION TO DEPARTMENT OF DEFENSE				
23.2 Rent, communications, and utilities: Other rent, communications, and utilities	50,601	12,730	54,778	60,330
99.0 Total obligations	1,579,504	418,935	1,761,651	1,842,695

Personnel Summary

Direct:				
Total number of permanent positions	53,731	---	53,916	55,026
Full-time equivalent of other positions	1,909	---	1,823	1,771
Average paid employment	52,368	---	53,929	54,487
Average GS grade	10.93	---	11.20	11.25
Average GS salary	\$20,477	---	\$22,509	\$22,630
Average NM grade	10.96	---	10.96	10.96
Average NM salary	\$23,574	---	\$24,995	\$25,349
Average salary of ungraded positions	\$15,342	---	\$16,696	\$17,175

Reimbursable:				
Total number of permanent positions	597	---	542	542
Full-time equivalent of other positions	6	---	6	6
Average paid employment	335	---	508	533
Average GS grade	10.24	---	10.41	10.41
Average GS salary	\$16,658	---	\$19,047	\$20,908
Average FC grade	11.33	---	11.20	11.21
Average FC salary	\$29,511	---	\$28,947	\$29,741
Average salary of ungraded positions	\$16,911	---	\$16,876	\$16,812

FACILITIES, ENGINEERING AND DEVELOPMENT

(INCLUDING TRANSFER OF FUNDS)

For necessary expenses of the Federal Aviation Administration, not otherwise provided for 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 and purchase of one aircraft for replacement only, [\$15,500,000] \$17,963,000, to remain available until expended; and, in addition, not to exceed [\$1,900,000] \$2,350,000 from unobligated balances in the appropriations for "Civil Supersonic Aircraft Development" and "Civil Supersonic Aircraft Development Termination" may be transferred to this account for necessary expenses to conduct a study of high altitude pollution: *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 engineering and development. (*Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-1303-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Engineering and development	10,792	3,173	20,262	16,380
2. Facilities and equipment	590	393	1,672	3,933
Total direct program	11,382	3,566	21,934	20,313
Reimbursable program:				
1. Engineering and development	461	59	1,007	907
10.00 Total obligations	11,843	3,625	22,941	21,220
Financing:				
Offsetting collections from:				
11.00 Federal funds	-461	-59	-907	-807
14.00 Non-Federal sources	---	---	-100	-100
21.00 Unobligated balance available, start of period	-1,807	-5,176	-4,535	---
22.00 Unobligated balance transferred from other accounts	---	---	-1,900	-2,350
24.00 Unobligated balance available, end of period	5,176	4,535	---	---
40.00 Budget authority (appropriation)	14,750	2,925	15,500	17,963
Relation of obligations to outlays:				
71.00 Obligations incurred, net	11,382	3,566	21,934	20,313
72.00 Obligated balance, start of period	6,852	5,556	5,786	9,520
74.00 Obligated balance, end of period	-5,556	-5,786	-9,520	-11,333
90.00 Outlays	12,678	3,335	18,200	18,500

1. *Engineering and development*—(a) *Aircraft safety.*—This subactivity covers the development of regulations for an accident prevention program designed to promote flight safety of civil aircraft by assuring the design, flight performance, and airworthiness of aircraft and development of systems and devices to prevent and deter sabotage in the civil air transportation system.

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

(c) *Environment.*—Principal efforts provided for under this subactivity are the development of data to support rulemaking and to minimize the undesired environmental

effects on the public attributable to the air transportation system.

2. *Facilities and equipment.*—This activity provides for training equipment used primarily by flight inspectors in keeping abreast of the latest technology in the areas of their responsibility and for the purpose of maintaining proficiency in the performance of their duties. Also included are procurement and modification of nonflight inspection aircraft and improvement and replacement of navigation equipment.

Object Classification (in thousands of dollars)

Identification code 69-1303-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	3,993	1,060	4,355	4,471
11.3 Positions other than permanent.....	22	10	20	20
11.5 Other personnel compensation.....	24	4	47	46
11.8 Special personal services payments.....	51	15	57	57
Total personnel compensation.....	4,090	1,089	4,479	4,594
12.1 Personnel benefits: Civilian.....	382	103	446	452
13.0 Benefits for former personnel.....	31	1	-----	-----
21.0 Travel and transportation of persons.....	132	28	158	177
22.0 Transportation of things.....	17	9	25	25
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	8	3	-----	-----
24.0 Printing and reproduction.....	-----	-----	10	10
25.0 Other services.....	5,579	2,190	16,361	10,916
26.0 Supplies and materials.....	413	69	132	206
31.0 Equipment.....	730	74	323	3,933
Total direct obligations.....	11,382	3,566	21,934	20,313
Reimbursable obligations:				
Personnel compensation: Permanent positions.....				
12.1 Personnel benefits: Civilian.....	139	47	131	130
21.0 Travel and transportation of persons.....	10	3	13	13
25.0 Other services.....	7	2	1	1
26.0 Supplies and materials.....	280	-----	858	759
31.0 Equipment.....	12	6	4	4
Total reimbursable obligations.....	461	59	1,007	907
99.0 Total obligations.....	11,843	3,625	22,941	21,220

Personnel Summary

Direct:				
Total number of permanent positions.....	187	-----	187	187
Full-time equivalent of other positions.....	0	-----	0	0
Average paid employment.....	179	-----	184	184
Average GS grade.....	11.07	-----	11.11	11.18
Average GS salary.....	\$22,271	-----	\$24,152	\$24,472
Average salary of ungraded positions.....	\$17,051	-----	\$18,551	\$18,712
Reimbursable:				
Total number of permanent positions.....	6	-----	6	6
Full-time equivalent of other positions.....	0	-----	0	0
Average paid employment.....	6	-----	6	6
Average GS grade.....	11.00	-----	11.00	11.00
Average GS salary.....	\$20,411	-----	\$21,978	\$22,161

OPERATION AND MAINTENANCE, METROPOLITAN WASHINGTON 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 ten passenger motor vehicles for police or ambulance type use, for replacement only; and purchase of two motor bikes for replacement only; purchase, cleaning, and repair of uniforms; and arms and ammunition; **[\$20,700,000] \$21,273,000.** (Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 54 Stat. 686, as amended; 64 Stat. 770, as amended; 54 Stat. 1030, 1039; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-1332-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Washington National Airport.....	9,010	2,326	10,487	10,567
2. Dulles International Airport.....	8,775	2,325	10,236	10,302
Total operating costs.....	17,785	4,651	20,723	20,869

Capital outlay, funded:				
1. Washington National Airport.....	201	201	581	298
2. Dulles International Airport.....	161	26	548	279
Total capital outlay.....	362	227	1,129	577
Total direct costs, funded.....	18,147	4,878	21,852	21,446
Reimbursable program.....				
Total program costs, funded.....	18,233	4,907	21,962	21,568
Change in selected resources (stores, undelivered orders, accrued annual leave):				
10.00 Total obligations.....	17,902	5,173	21,610	21,395
Financing:				
11.00 Offsetting collections from: Federal funds.....	-86	-29	-110	-122
21.00 Unobligated balance available, start of period.....	-----	-786	-----	-----
24.00 Unobligated balance available, end of period.....	786	-----	-----	-----
25.00 Unobligated balance lapsing.....	-----	332	-----	-----
Budget authority.....	18,602	4,690	21,500	21,273
Budget authority:				
40.00 Appropriation.....	18,602	4,690	20,700	21,273
44.20 Supplemental now requested for civilian pay raises.....	-----	-----	800	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	17,816	5,144	21,500	21,273
72.00 Obligated balance, start of period.....	2,177	1,414	2,111	2,191
74.00 Obligated balance, end of period.....	-1,414	-2,111	-2,191	-2,226
77.00 Adjustments in expired accounts.....	17	-36	-----	-----
90.00 Outlays, excluding pay raise supplemental.....	18,596	4,411	20,635	21,223
91.20 Outlays from civilian pay raise supplemental.....	-----	-----	785	15

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

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

Combined revenues are expected to be \$31.1 million in 1978. The operating profit in 1978 is expected to be \$8,421 thousand at Washington National and \$1,773 thousand at Dulles International for a total operating profit of \$10,194 thousand. However, the deduction of \$9,566 thousand in depreciation and interest for the two airports results in a net profit of \$628 thousand.

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.

The following table reflects increase in activity at the airports:

	1976 act.	1977 est.	1978 est.
Washington National Airport:			
Passengers (thousands).....	11,827	12,070	12,838
Air operations (thousands).....	313	340	340
Air cargo (million pounds).....	159	172	176
Freight.....	(78)	(88)	(91)
Mail.....	(81)	(84)	(85)
Dulles International Airport:			
Passengers (thousands).....	2,751	2,813	2,995
Domestic.....	(2,217)	(2,318)	(2,467)
International.....	(534)	(495)	(528)
Air operations (thousands).....	184	185	188
Air cargo (million pounds).....	101	104	108
Freight.....	(68)	(65)	(68)
Mail.....	(33)	(39)	(40)

General and special funds—Continued

OPERATION AND MAINTENANCE, METROPOLITAN WASHINGTON AIRPORTS—Continued

Object Classification (in thousands of dollars)

Identification code 69-1332-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1	11,255	2,894	12,693	12,751
11.3	59	39	48	49
11.5	1,257	343	1,246	1,264
11.8	1			
Total personnel compensation.....				
12.1	12,572	3,276	13,987	14,064
21.0	1,154	317	1,342	1,356
22.0	46	12	58	59
23.2	4		6	6
Rent, communications, and utilities: Other rent, communications, and utilities.....				
24.0	2,343	692	2,753	3,018
25.0	10	3	12	12
26.0	393	206	1,153	814
31.0	1,499	289	1,567	1,711
32.0	121	83	513	229
42.0			459	175
	5		2	2
Total direct costs, funded.....				
94.0	18,147	4,878	21,852	21,446
	-331	266	-352	-173
Total direct obligations.....				
	17,816	5,144	21,500	21,273
Reimbursable obligations:				
21.0	4	3		
23.2	24	7	33	36
			44	46
26.0	58	19	33	40
31.0				
Total reimbursable obligations.....				
	86	29	110	122
99.0	17,902	5,173	21,610	21,395

Personnel Summary

Total number of permanent positions.....	844		844	844
Full-time equivalent of other positions.....	8		5	7
Average paid employment.....	785		831	831
Average GS grade.....	6.79		6.83	6.83
Average GS salary.....	\$14,152		\$15,048	\$15,185
Average salary of ungraded positions.....	\$13,850		\$15,100	\$15,314

CONSTRUCTION, METROPOLITAN WASHINGTON AIRPORTS

For necessary expenses for construction at the federally owned civil airports in the vicinity of the District of Columbia, [\$5,000,000] \$6,000,000, to remain available until September 30, [1979] 1980. (Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 54 Stat. 686, as amended; 64 Stat. 770, as amended; 54 Stat. 1030, 1039; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-1333-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Washington National Airport.....	717	198	5,427	6,517
2. Dulles International Airport.....	867	257	4,458	3,827
Total direct program costs, funded.....				
	1,584	455	9,885	10,344
Reimbursable program.....				
	16	24		
Total program costs, funded.....				
	1,600	479	9,885	10,344
Change in selected resources (undelivered orders).....				
	-507	4,219	7,596	-4,944
10.00	1,093	4,698	17,481	5,400
Financing:				
11.00	-40			
21.00				
24.00	-7,039	-17,612	-12,906	-425
25.00	17,612	12,906	425	1,025
40.00	11,625		5,000	6,000
Relation of obligations to outlays:				
71.00	1,053	4,698	17,481	5,400
72.00	1,985	1,438	5,657	9,253
74.00	-1,438	-5,657	-9,253	-7,309
90.00	1,600	479	13,885	7,344

The projects in the construction program for Washington National and Dulles International Airports for 1978 are designed to accomplish the following four objectives:

1. *Airport development.*—At Dulles International Airport, funds are included for the design of an additional general aviation apron.

2. *Upgrade airport facilities and correct deficiencies.*—Due to the impact of growth in the air industry and changes in technology, existing facilities require expansion or replacement to correct deficiencies in load capacity or to upgrade performance through modernization. At National, funds are programmed to design the reconstruction of taxiway A including lights, rehabilitate and improve the terminal air-conditioning system, rehabilitate and strengthen the south hangar apron, improve the storm drainage system, widen the holding apron for runway 36 and runway 18, and conduct a study of a new maintenance facility. At Dulles, funds are provided to replace the Solari system and install baggage claim signs.

3. *Rehabilitate existing facilities.*—Existing facilities require periodic rehabilitation due to deterioration from age and usage. At National, funds are requested to rehabilitate the main apron, replace steam lines to the north hangars, and reroof hangars. At Dulles, funds are requested to replace concrete panels and to design the rehabilitation of runway 12/30.

4. *Energy conservation.*—In response to the multiyear program to increase energy efficiency at Federal facilities, funds are designated at National to conduct an energy savings study and implement projects, and at Dulles to conduct an energy savings study and automate utility controls.

Object Classification (in thousands of dollars)

Identification code 69-1333-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
FEDERAL AVIATION ADMINISTRATION				
Direct:				
25.0	53			
26.0	1			
32.0	1,436	303	8,241	9,726
Total costs, funded.....				
94.0	1,490	303	8,241	9,726
	-505	2,997	8,520	-4,626
Total direct obligations.....				
	985	3,300	16,761	5,100
Reimbursable:				
32.0	40			
Total obligations, Federal Aviation Administration.....				
	1,025	3,300	16,761	5,100
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION				
24.0	3	4	5	6
25.0	44	46	36	39
26.0	3	4	4	5
31.0	5	6	1	1
32.0	15	116	1,598	567
Total costs funded.....				
94.0	70	176	1,644	618
	-2	1,222	-924	-318
Total obligations, allocation to Federal Highway Administration.....				
	68	1,398	720	300
99.0	1,093	4,698	17,481	5,400

CIVIL SUPERSONIC AIRCRAFT DEVELOPMENT TERMINATION

Program and Financing (in thousands of dollars)

Identification code 69-0106-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00	206	19	36	
Civil supersonic aircraft development termination (costs—obligations).....				
Financing:				
17.00	-109	-7	-7,606	
21.00				
	-8,518	-2,422	-2,410	-8,080

23.00	Unobligated balance transferred to other accounts.....	6,000	1,900	2,350
24.00	Unobligated balance available, end of period.....	2,422	2,410	8,080
	Budget authority.....			5,730
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	97	12	-7,570
72.00	Obligated balance, start of period.....	23,114	21,938	21,934
74.00	Obligated balance, end of period.....	-21,938	-21,934	-14,328
90.00	Outlays.....	1,272	15	36
Distribution of outlays by account:				
	Civil supersonic aircraft development termination.....	292	15	36
	Civil supersonic aircraft development.....	757		
	Research and development.....	223		

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

Object Classification (in thousands of dollars)				
Identification code 69-0106-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
11.1	Personnel compensation: Permanent positions.....	184	15	34
12.1	Personnel benefits: Civilian.....	15	1	2
21.0	Travel and transportation of persons.....	1	3	
25.0	Other services.....	5		
99.0	Total obligations.....	206	19	36
Personnel Summary				
	Full-time equivalent of other positions.....	5		2
	Average paid employment.....	5		2

SAFETY REGULATION				
Program and Financing (in thousands of dollars)				
Identification code 69-1307-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00	Engineering and development (costs—obligations).....	888	223	732
Financing:				
17.00	Recovery of prior period obligations.....	-8		
21.00	Unobligated balance available, start of period.....	-1,835	-955	-732
24.00	Unobligated balance available, end of period.....	955	732	
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	880	223	732
72.00	Obligated balance, start of period.....	771	1,289	1,407
74.00	Obligated balance, end of period.....	-1,289	-1,407	-251
90.00	Outlays.....	362	105	1,888

This account was phased out in 1973 and the current activities are reflected in the Facilities, engineering, and development account in 1978.

Object Classification (in thousands of dollars)				
Identification code 69-1307-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
25.0	Other services.....	722	144	732
31.0	Equipment.....	166	79	
99.0	Total obligations.....	888	223	732

UNITED STATES INTERNATIONAL AERONAUTICAL EXPOSITION				
Program and Financing (in thousands of dollars)				
Identification code 69-1302-0-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00	United States International Aeronautical Exposition (costs—obligations) (object class 25.0).....			237

Financing:				
Identification code 69-4120-0-3-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
14.00	Offsetting collections from: Non-Federal sources.....	5		
21.00	Unobligated balance available, start of period.....	-241	-237	-237
24.00	Unobligated balance available, end of period.....	237	237	
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	5		237
72.10	Receivables in excess of obligations, start of period.....	-10		
90.00	Outlays.....	-5		237

This exposition has been successfully concluded; therefore, this account has been phased out.

Public enterprise funds:

AVIATION WAR RISK INSURANCE REVOLVING FUND

The Secretary of Transportation is hereby authorized to make such expenditures and investments, within the limits of funds available pursuant to section 1306 of the Act of August 23, 1958, as amended (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, 1977.)

Program and Financing (in thousands of dollars)				
Identification code 69-4120-0-3-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
	Administrative expenses.....	52	13	56
	Reimbursable program.....	171		100
10.00	Total obligations.....	223	13	156
Financing:				
Offsetting collections from:				
11.00	Federal funds.....	-872	-186	-855
14.00	Non-Federal sources.....	-7		-20
21.98	Unobligated balance available, start of period:			
	Fund balance.....	-13,746	-302	-160
	U.S. securities (par).....		-14,100	-14,415
24.98	Unobligated balance available, end of period:			
	Fund balance.....	302	160	179
	U.S. securities (par).....	14,100	14,415	15,115
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	-656	-173	-719
72.10	Receivables in excess of obligations, start of period.....	-83	-190	-61
74.10	Receivables in excess of obligations, end of period.....	190	61	61
90.00	Outlays.....	-549	-302	-719

The fund currently provides direct support for the aviation war risk insurance program authorized under title XIII of the FAA Act.

In addition to the premium program, binders are also issued to cover aircraft, persons, and property. These binders would provide war risk insurance in war-time and under certain situations short of war. Also available are policies which provide like coverage for U.S. air carrier aircraft used in connection with certain Government contract operations entered into by the Department of Defense (DOD) and Department of State (DOS). There exists indemnity agreements whereunder the DOD and DOS agree to reimburse the Department of Transportation for all losses paid to air carriers sustaining damage to their aircraft by an insured peril while said aircraft is operating under a contract to the interested Department.

Administration costs are out of fee receipts (49 U.S.C. 1531, as amended 75 Stat. 210) and interests earned through authorized investments. The authorized staffing consists of one aviation insurance program officer and one secretary stenographer.

Public enterprise funds—Continued

AVIATION WAR RISK INSURANCE REVOLVING FUND—Continued

Unfunded contingent liability as of October 1, 1976, is estimated at \$56 billion. This amount includes hull insurance and personal and property liability on approximately 290 aircraft insured under this program.

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Administrative expenses:				
Revenue.....	879	186	875	905
Expense.....	-223	-13	-156	-158
Net operating income.....	656	173	719	747

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Fund balance with Treasury.....	13,663	112	99	118	130
U.S. securities (par).....	83	14,100	14,415	15,115	15,850
Accounts receivable.....		190	61	61	61
Total.....	13,746	14,402	14,575	15,294	16,041
Government equity:					
Retained earnings.....	13,746	14,402	14,575	15,294	16,041
Analysis of changes in Government equity:					
Retained earnings: Start of period.....	13,746	14,402	14,575	15,294	15,294
Net income for period.....	656	173	719	719	747
Total Government equity (end of period)...	14,402	14,575	15,294	16,041	

Object Classification (in thousands of dollars)

Identification code 69-4120-0-3-405	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
11.1 Personnel compensation: Permanent positions.....	47	12	49	50
12.1 Personnel benefits: Civilian.....	5	1	5	5
21.0 Travel and transportation of persons.....			1	2
26.0 Supplies and materials.....			1	1
Total direct obligations.....	52	13	56	58
42.0 Reimbursable obligations: Insurance claims and indemnities.....	171		100	100
99.0 Total obligations.....	223	13	156	158

Personnel Summary

Total number of permanent positions.....	2		2	2
Full-time equivalent of other positions.....	0		0	0
Average paid employment.....	2		2	2
Average GS grade.....	11.00		11.00	11.00
Average GS salary.....	\$23,735		\$25,932	\$26,521

Intragovernmental funds:

CONSOLIDATED WORKING FUND, INTEGRATED GRANT ADMINISTRATION PROGRAM

Program and Financing (in thousands of dollars)

Identification code 69-3924-0-4-405	1976 act.	TQ act.	1977 est.	1978 est.
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....				
72.00 Obligated balance, start of period.....	1			
90.00 Outlays.....	1			

Trust Funds

AIRPORT AND AIRWAY TRUST FUND

Amounts Available for Appropriation (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Unappropriated balance, start of period.....	1,425,826	1,823,165	1,976,137	2,467,328
Revenue.....	1,083,781	277,837	1,370,541	1,491,033
Total available for appropriation.....	2,509,607	2,101,002	3,346,678	3,958,361
Appropriations:				
Facilities and equipment.....	-245,537		-200,000	-212,600
Research engineering and development.....	-67,500	-17,900	-74,350	-85,000
Grants-in-aid for airports:				
Appropriation.....	-2,800	-15,000		-10,000
Appropriation to liquidate contract authority..	-370,000	-92,500	-355,000	-320,000

Operations: Trust fund transfer to operations, general fund, for maintaining air navigation facilities.....			-250,000	-236,805
Total appropriations.....	-685,837	-125,400	-879,350	-864,405
Adjustment in expired accounts returned to unappropriated receipts.....	-605	120		
Unobligated balance returned to unappropriated receipts.....		415		
Unappropriated balance end of period.....	1,823,165	1,976,137	2,467,328	3,093,956

The Airport and Airway Development Act of 1970 (Public Law 91-258, 84 Stat. 219) as amended by the Airport and Airway Development Act Amendments of 1976 (Public Law 94-353, 90 Stat. 871), 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 amount 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):

	1976 act.	TQ act.	1977 est.	1978 est.
Unexpended balance brought forward:				
U.S. securities (par).....	1,936,148	2,529,171	2,712,201	3,234,241
Cash.....	77,290	21,031	23,837	23,548
Balance of fund at start of period...	2,013,438	2,550,202	2,736,038	3,257,789
Cash income during the period:				
Government receipts:				
From excise taxes:				
Passenger ticket tax.....	776,586	225,131	973,410	1,040,019
Waybill tax.....	42,137	14,374	63,566	66,172
Fuel tax.....	51,968	14,314	74,460	79,440
International passenger tax.....	46,999	15,695	54,300	58,800
Aircraft use tax.....	21,223	7,735	25,805	27,602
Aircraft tires and tubes tax.....	900	230	1,000	1,000
Refunds of taxes.....	-1,883	-579	-2,000	-2,000
Intrabudgetary transaction: Interest on investments.....	145,851	937	180,000	220,000
Total annual income.....	1,083,781	277,837	1,370,541	1,491,033
Cash outgo during the period:				
Federal Aviation Administration:				
Grants-in-aid for airports.....	268,766	25,503	308,000	548,000
Facilities and equipment.....	204,004	48,364	220,000	218,000
Research, engineering and development.....	73,733	18,092	71,000	85,500
Operations.....	516	42	249,790	236,805
Total annual outgo.....	547,018	92,001	848,790	1,088,305
Unexpended balance carried forward:				
U.S. securities (par).....	2,529,171	2,712,201	3,234,241	3,636,869
Cash.....	21,031	23,837	23,548	23,648
Balance of fund at end of period...	2,550,202	2,736,038	3,257,789	3,660,517
Commitment against unexpended balances:				
Appropriated but not expended.....	-727,036	-759,900	-790,460	-566,560
Committed to future liquidating cash appropriations:				
To liquidate outstanding obligations (contract authority).....	-135,370	-458,101	-613,101	-758,101
To reserve funds equivalent to cumulative shortfalls below minimum annual obligation levels (Public Law 94-353).....	-74,443	-153,413	-214,463	-365,058
Uncommitted balance, end of period.....	1,613,353	1,364,624	1,639,765	1,970,798

GRANTS-IN-AID FOR AIRPORTS (LIQUIDATION OF CONTRACT AUTHORIZATION) (AIRPORT AND AIRWAY TRUST FUND)

For liquidation of obligations incurred for airport development under authority contained in section 14 of Public Law 91-258, as amended, to be derived from the Airport and Airway Trust Fund and to remain available until expended, **[\$355,000,000] \$320,000,000**; and for airport planning grants **[\$15,000,000] \$10,000,000** to be derived from the Airport and Airway Trust Fund and to remain available until expended: **Provided**, That the sum appropriated for airport planning grants shall be available for obligation upon the date of enactment of this Act. (Airport and Airway Development Act Amendments of 1976. 49 U.S.C. 1701; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)				
Identification code 69-8106-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Grants for planning.....	2,330	3,688	11,312	10,000
2. Grants for construction.....	416,259	510,000	465,000	
10.00 Total obligations (object class 41.0)...	2,330	419,947	521,312	475,000
Financing:				
17.00 Recovery of prior period obligations.....	-9,619	-1,316		
Unobligated balance available, start of period:				
21.40 Appropriation.....	-3,642	-4,846	-16,446	-5,134
21.49 Contract authority.....			-83,741	-83,741
Unobligated balance available, end of period:				
24.40 Appropriation.....	4,846	16,446	5,134	5,134
24.49 Contract authority.....		83,741	83,741	158,741
25.49 Unobligated balance lapsing.....	8,885	1,028		
Budget authority.....	2,800	515,000	510,000	550,000
Budget authority:				
40.00 Appropriation.....	372,800	107,500	355,000	330,000
40.49 Portion applied to liquidate contract authority.....	-370,000	-92,500	-355,000	-320,000
43.00 Appropriation (adjusted).....	2,800	15,000		10,000
Contract authority:				
49.10 Current (90 Stat. 872, 873).....		500,000		
69.10 Permanent (90 Stat. 872, 873).....			510,000	540,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-7,289	418,631	521,312	475,000
Obligated balance, start of period:				
72.40 Appropriation.....	17,347	120,177	190,574	248,886
72.49 Contract authority.....	514,255	135,370	458,101	613,101
Obligated balance, end of period:				
74.40 Appropriation.....	-120,177	-190,574	-248,886	-30,886
74.49 Contract authority.....	-135,370	-458,101	-613,101	-758,101
90.00 Outlays.....	268,766	25,503	308,000	548,000
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	514,255	135,370	541,842	696,842
Contract authority.....		500,000	510,000	540,000
Unobligated balance lapsing.....	-8,885	-1,028		
Appropriation to liquidate contract authority..	-370,000	-92,500	-355,000	-320,000
Unfunded balance, end of period.....	135,370	541,842	696,842	916,842

The Airport and Airway Development Act Amendments of 1976 (Public Law 94-353) authorizes the Secretary of Transportation to incur obligations for airport development grants and airport planning grants for 1976 through 1980. The Department of Transportation, through the Federal Aviation Administration, will continue to provide grants to airport sponsors to assist them in developing civil airports or in bringing existing airports to standards compatible with the present and future needs of civil aviation. The full amount of 1978 entitlement funds for grants-in-aid to airports will be available for distribution. An obligation level of \$475,000 thousand is reflected in this submission.

FACILITIES AND EQUIPMENT (AIRPORT AND AIRWAY TRUST FUND)

For necessary expenses, not otherwise provided for; 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; [\$200,000,000] \$212,600,000, to be derived from the Airport and Airway Trust Fund, to remain available until September 30, [1979] 1980: *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, or to decommission in excess of five flight service stations. (*Federal Aviation Act of 1958, 49 U.S.C. 1301 et seq.; 49 U.S.C. 1151-1160, 1507, 1701; Public Law 94-353; Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)				
Identification code 69-8107-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Air route traffic control centers.....	40,457	29,886	46,468	48,714
2. Airport traffic control towers.....	62,350	53,602	83,251	87,870
3. Flight service facilities.....	10,634	15,506	16,371	7,056
4. Air navigation facilities.....	21,687	18,292	35,931	44,009
5. Housing, utilities, and miscellaneous facilities.....	10,482	9,155	14,309	13,515
6. Aircraft and related equipment.....	10,984		670	5,436
7. Development, test, and evaluation facilities.....	732	300	3,000	6,000
Total direct program.....	157,326	126,741	200,000	212,600
Reimbursable program:				
1. Air route traffic control facilities.....	233	672	1,234	1,359
2. Airport traffic control facilities.....	4,260	2,814	5,340	5,881
4. Air navigation facilities.....	224	399	733	808
5. Housing, utilities, and miscellaneous facilities.....	44	50	93	102
Total reimbursable program.....	4,761	3,935	7,400	8,150
10.00 Total obligations.....	162,087	130,676	207,400	220,750
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-3,726	-3,081	-5,831	-6,422
14.00 Non-Federal sources.....	-1,035	-854	-1,569	-1,728
21.00 Unobligated balance available, start of period.....				
	-326,041	-414,252	-287,095	-287,095
24.00 Unobligated balance available, end of period.....				
	414,252	287,095	287,095	287,095
25.00 Unobligated balance lapsing.....		415		
40.00 Budget authority (appropriation).....	245,537		200,000	212,600
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	157,326	126,741	200,000	212,600
72.00 Obligated balance, start of period.....	215,729	169,051	247,428	227,428
74.00 Obligated balance, end of period.....	-169,051	-247,428	-227,428	-222,028
90.00 Outlays.....	204,004	48,364	220,000	218,000

Under this appropriation, the Federal airway 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 1978 estimates will carry forward the program to increase the capacity of the airway system and make its operation safer and more efficient. It also includes the initial funding required to implement a major program to replace tube-type, very high frequency radio range systems with solid-state equipment. Operating costs of facilities procured under this appropriation are financed under the Operations appropriation. The budget activities include the following facilities and functions:

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 includes 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 includes computers and other devices which aid controllers in handling terminal air traffic, (c) other tower facilities include the establishment, improvement, and relocation of airport traffic control tower facilities.

3. *Flight service facilities.*—(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 omnidirectional radio ranges equipped with tactical air

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

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 which provide pilots with direction, distance, and glide slope information necessary for making safe approaches to runways under poor visibility conditions, distance measuring equipment, and visual lighting aids which will assist pilots in making final approaches to airport runways, particularly in areas where terrain and other environmental factors pose potential hazards to safe landings.

5. *Housing, utilities, and miscellaneous facilities.*—This activity includes general facility support requirements which apply to a wide range of FAA installations.

6. *Aircraft and related equipment.*—This activity provides for facility flight inspection, including procurement of aircraft and avionics equipment to inspect the accuracy and other characteristics of navigation and traffic control aids from the air, and flight inspection training simulation equipment. It also includes the replacement of obsolete aircraft used in the engineering and development programs

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

Object Classification (in thousands of dollars)

Identification code 69-8107-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	23,214	6,019	25,427	25,139
11.3 Positions other than permanent.....	296	44	616	626
11.5 Other personnel compensation.....	1,715	402	1,510	1,538
11.8 Special personal services payments.....	3			
Total personnel compensation.....	25,228	6,465	27,553	27,303
12.1 Personnel benefits: Civilian.....	2,643	714	3,199	3,170
13.0 Benefits for former personnel.....	5			
21.0 Travel and transportation of persons.....	5,271	1,549	5,800	5,900
22.0 Transportation of things.....	1,953	393	2,539	2,680
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	382	66	491	541
24.0 Printing and reproduction.....	20,429	62	243	372
25.0 Other services.....	10,746	4,652	26,758	30,075
26.0 Supplies and materials.....	73,083	1,774	10,946	11,051
31.0 Equipment.....	17,307	104,156	99,851	107,279
32.0 Lands and structures.....	6	6,909	22,611	24,217
42.0 Insurance claims and indemnities.....		1	9	12
Total direct obligations.....	157,326	126,741	200,000	212,600
Reimbursable obligations:				
Personnel compensation:				
11.1 Permanent positions.....	357	283	1,024	1,131
11.5 Other personnel compensation.....	8	14	18	23
Total personnel compensation.....	365	297	1,042	1,154
12.1 Personnel benefits: Civilian.....	12	5	126	136
21.0 Travel and transportation of persons.....	66	68	94	104
22.0 Transportation of things.....	14	3	21	23
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	23	1	33	38
24.0 Printing and reproduction.....	2		2	2
25.0 Other services.....	418	261	1,893	1,653
26.0 Supplies and materials.....	63	50	89	98
31.0 Equipment.....	3,392	3,230	3,523	4,310
32.0 Lands and structures.....	406	20	577	634
Total reimbursable obligations.....	4,761	3,935	7,400	8,150
99.0 Total obligations.....	162,087	130,676	207,400	220,750

Personnel Summary

Direct:				
Total number of permanent positions.....	1,531		1,492	1,413
Full-time equivalent of other positions.....	29		33	35
Average paid employment.....	1,330		1,383	1,342
Average GS grade.....	10.06		10.17	10.30
Average GS salary.....	\$18,007		\$18,363	\$18,854
Average salary of ungraded positions.....	\$16,074		\$16,281	\$16,443

Reimbursable:				
Total number of permanent positions.....	60		60	60
Average paid employment.....	28		56	60
Average GS grade.....	10.37		10.56	10.70
Average GS salary.....	\$13,232		\$13,497	\$13,776

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; [\$74,350,000] \$85,000,000 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, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-8108-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Air traffic control.....	41,170	11,748	52,972	67,942
2. Navigation.....	22,996	4,692	15,363	10,682
3. Aviation weather.....	2,337	1,142	5,155	5,193
4. Aviation medicine.....	1,230	123	1,536	1,183
Total direct program.....	67,733	17,705	75,026	85,000
Reimbursable program:				
1. Air traffic control.....	120	9	540	900
2. Navigation.....	11	32	60	100
Total reimbursable program.....	131	41	600	1,000
10.00 Total obligations.....	67,864	17,746	75,626	86,000
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-74	-30	-450	-750
14.00 Non-Federal sources.....	-57	-11	-150	-250
21.00 Unobligated balance available, start of period.....	-714	-480	-676	
24.00 Unobligated balance available, end of period.....	480	676		
40.00 Budget authority (appropriation).....	67,500	17,900	74,350	85,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	67,733	17,705	75,026	85,000
72.00 Obligated balance, start of period.....	24,277	18,277	17,890	21,916
74.00 Obligated balance, end of period.....	-18,277	-17,890	-21,916	-21,416
90.00 Outlays.....	73,733	18,092	71,000	85,560

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 future. 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 improving the airway system by applying existing technology to air traffic control problems to keep the current system operating safely and by making system improvements to increase the capacity of the current system. These improvements 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 a key to increasing system capacity. This traffic control program also provides for increasing the capacity of major airports

to handle larger, faster passenger aircraft safely and efficiently. 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.

2. *Navigation.*—This provides for modernization, expansion, and improvement of the common navigation system facilities in the United States and in overseas areas where international agreements require U.S. participation. This capability ranks in importance with the radar surveillance of aircraft in the effort to increase system capacity. It requires the development of new navigation techniques and sophisticated landing systems capable of handling increased air traffic in adverse weather conditions.

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. Development of systems for the detection and avoidance of wind shears is also included in this activity.

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

Relation of obligations to outlays:				
71.00	Obligations incurred, net		250,000	236,805
72.10	Receivables in excess of obligations, start of period			
		-137	-48	-210
74.10	Receivables in excess of obligations, end of period			
77.00	Adjustments in expired accounts	48	210	
		605	-120	
90.00	Outlays	516	42	249,790
				236,805

Certain costs of maintaining air navigation facilities, formerly 100% financed from the general fund, are to be reimbursed to the Operations appropriation from the Airport and airway trust fund. The programs funded are limited to the direct costs of flight checking and maintaining air navigation facilities. The expected level of 1978 trust fund receipts will permit payment of these costs as well as the costs of airport development, airway facilities investment, and research programs without drawing on accumulated prior year balances.

AIRCRAFT LOAN GUARANTEE PROGRAM

Pursuant to Public Law 85-207 as amended, the Secretary of Transportation is authorized to make aircraft loan guarantees to certificated local service airlines for the purchase of new aircraft.

NEW COMMITMENTS FOR AIRCRAFT LOAN GUARANTEE PROGRAM

Year:	[In millions of dollars]	Commitments
1972		3
1973		12
1974		24
1975		0
1976		112
1977 estimate		10
1978		0

This program will be discontinued when the present statute expires on September 7, 1977.

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 improve highways throughout the Nation.

In summary, the 1978 budget contemplates \$6,744.2 million in obligations and \$7,162.4 million in outlays.

Obligations incurred provide the best measure of program activity in the various accounts of the Federal Highway Administration. The following table compares 1978 direct obligations with those of prior years (in millions of dollars):

PROGRAM LEVEL	1976 act.	TQ act.	1977 est.	1978 est.
Federal-aid highways	4,531.6	1,625.1	1,641.9	1,654.0
Interstate system	(2,059.5)	(557.1)	(3,500.0)	(3,200.0)
Non-interstate programs	(1,873.0)	(898.5)	(3,286.0)	(2,595.0)
Safety construction programs	(391.8)	(90.0)	(550.0)	(500.0)
Administration and research	(121.7)	(42.1)	(142.0)	(146.5)
Other	(85.5)	(37.4)	(183.9)	(103.5)
Motor carrier safety	6.2	2.0	7.4	8.2
Highway safety research and development	3.3	5.7	11.2	9.0
Highway beautification	28.1	5.3	35.5	34.1
Highway-related safety grants	19.0	4.9	21.0	21.0
Railroad-highway crossings demonstration projects	2.2	8.0	30.3	12.1
Territorial highways	4.6	1.1	5.6	5.6
Darien Gap Highway	-2.3	3.2	.8	.9
Alaska Highway			14.8	5.0
Off-system roads	53.2	26.0	115.8	3.1
National Scenic and Recreational Highway		.4	34.6	55.0
Access highways to public recreational areas on certain lakes	.1	.5	14.1	
Right-of-way revolving fund	32.6	19.3	.7	
Highways crossing Federal projects			35.0	
Baltimore-Washington Parkway		1.0	2.1	
Overseas highway	.5	.3	12.7	8.0
Project acceleration demonstration program			10.0	5.0
Alaska roads study			.2	
Off-system railway-highway crossings				25.0
Miscellaneous appropriations	10.1	5.9	30.0	7.2
Total obligations	4,689.3	1,708.6	8,023.7	6,744.3

1 Net of offsetting receipts from repayments under Public Law 94-30.

Object Classification (in thousands of dollars)

Identification code 69-8108-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions	18,897	4,755	20,709	21,483
11.3 Positions other than permanent	664	163	888	891
11.5 Other personnel compensation	419	73	441	463
11.8 Special personal services payments	103	23	144	146
Total personnel compensation	20,083	5,014	22,182	22,983
12.1 Personnel benefits: Civilian	1,848	514	2,180	1,933
21.0 Travel and transportation of persons	807	192	924	1,008
22.0 Transportation of things	59	15	76	91
23.2 Rent, communications, and utilities: Other rent, communications, and utilities	389	113	460	458
24.0 Printing and reproduction	41	5	66	65
25.0 Other services	42,650	11,188	47,631	56,299
26.0 Supplies and materials	1,401	411	1,446	1,808
31.0 Equipment	422	253	61	355
32.0 Lands and structures	33			
Total direct obligations	67,733	17,705	75,026	85,000
Reimbursable obligations:				
Personnel compensation: Permanent positions				
12.1 Personnel benefits: Civilian	22	5	62	61
21.0 Travel and transportation of persons	3		6	6
23.2 Rent, communications, and utilities: Other rent, communications, and utilities	1			
25.0 Other services	75	28	519	925
26.0 Supplies and materials	28	8	13	8
Total reimbursable obligations	131	41	600	1,000
99.0 Total obligations	67,864	17,746	75,626	86,000

Personnel Summary

Direct:				
Total number of permanent positions	945		945	865
Full-time equivalent of other positions	75		72	77
Average paid employment	1,006		1,006	961
Average GS grade	11.13		11.24	11.38
Average GS salary	\$22,761		\$24,143	\$25,715
Average salary of ungraded positions	\$15,060		\$15,850	\$16,149
Reimbursable:				
Average paid employment	1		3	3

OPERATIONS (AIRPORT AND AIRWAY TRUST FUND)

Program and Financing (in thousands of dollars)

Identification code 69-8104-0-7-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00 Payment to operations (Federal) appropriation (costs—obligations) (object class 25.0)			250,000	236,805
Financing:				
40.00 Budget authority (appropriation)			250,000	236,805

Federal Funds

General and special funds:

MOTOR CARRIER SAFETY

For necessary expenses to carry out motor carrier safety functions of the Secretary, as authorized by the Department of Transportation Act (80 Stat. 939-40), **[\$6,949,000]** **\$3,220,000**: *Provided*, That not to exceed **[\$400,000]** **\$850,000** of the amount appropriated herein shall remain available until expended and not to exceed **[\$799,000]** **\$987,000** shall be available for "Limitation on general operating expenses." (*Title 23, U.S.C.; Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-0552-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Operations.....	5,347	1,254	5,796	6,165
2. Research and development.....	8	44	409	638
3. Administration.....	799	200	799	987
Total program costs, funded.....	6,154	1,498	7,004	7,790
Change in selected resources (undelivered orders).....	66	530	448	430
10.00 Total obligations.....	6,220	2,028	7,452	8,220
Financing:				
21.00 Unobligated balance available, start of period.....	-282	-730	-240	-----
24.00 Unobligated balance available, end of period.....	730	240	-----	-----
25.00 Unobligated balance lapsing.....	-----	145	-----	-----
Budget authority.....	6,667	1,684	7,212	8,220
Budget authority:				
40.00 Appropriation.....	6,667	1,684	6,949	8,220
44.20 Supplemental now requested for civilian pay raises.....	-----	-----	263	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	6,220	2,028	7,452	8,220
72.00 Obligated balance, start of period.....	995	295	825	1,273
74.00 Obligated balance, end of period.....	-295	-825	-1,273	-1,703
77.00 Adjustments in expired accounts.....	-27	-----	-----	-----
90.00 Outlays, excluding pay raise supplemental.....	6,892	1,498	6,757	7,774
91.20 Outlays from civilian pay raise supplemental.....	-----	-----	247	16

This appropriation provides for the development and execution of policy and programs for accomplishment of the motor carrier safety mission in accordance with the Department of Transportation Act, the Interstate Commerce Act, and the Explosives and Combustibles Act. In 1978, efforts will be made to fully implement the newly revised hazardous materials regulatory program, increase noise control, and provide knowledge to improve safety regulation of interstate trucks and buses, consistent with the Government-wide effort of regulatory reform. Increases are provided for research and development, especially for economic studies on safety rulemaking, and for additional motor carrier safety inspectors.

Object Classification (in thousands of dollars)

Identification code 69-0552-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	4,260	1,107	4,745	4,901
11.3 Positions other than permanent.....	70	13	90	90
11.5 Other personnel compensation.....	18	-----	1	1
Total personnel compensation.....	4,348	1,120	4,836	4,992
12.1 Personnel benefits: Civilian.....	428	111	449	444
21.0 Travel and transportation of persons.....	440	117	563	610
22.0 Transportation of things.....	3	-2	3	3
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	20	6	34	39
25.0 Other services.....	949	662	1,527	2,075
26.0 Supplies and materials.....	24	12	28	31
31.0 Equipment.....	8	2	12	26
99.0 Total obligations.....	6,220	2,028	7,452	8,220
Personnel Summary				
Total number of permanent positions.....	234	-----	234	247
Full-time equivalent of other positions.....	8	-----	8	8
Average paid employment.....	232	-----	239	246
Average GS grade.....	10.36	-----	10.36	10.34
Average salary.....	\$19,059	-----	\$20,543	\$20,708

HIGHWAY BEAUTIFICATION

For necessary expenses to carry out the provisions of title 23, United States Code, sections 131 and 136, and the Federal-Aid Highway Act of 1976, section 105(a)(11), **[\$28,000,000]** **\$34,150,000** to remain available until expended: *Provided*, That not to exceed \$1,085,000 of the amount appropriated herein shall be available for "Limitation on general operating expenses", together with **\$10,000,000** for payment of obligations incurred in carrying out the provisions of title 23, United States Code, sections 131, 136, and 319(b), to remain available until expended.

[HIGHWAY BEAUTIFICATION (LIQUIDATION OF CONTRACT AUTHORIZATION)]

[For payment of obligations, authorized for 1976 and prior years, incurred in carrying out the provisions of title 23, United States Code, sections 131, 136, and 319(b), to remain available until expended, \$33,600,000.] (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0540-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Construction.....	33,138	6,568	41,815	38,250
2. Administration.....	938	224	1,085	1,150
Total program costs, funded.....	34,076	6,792	42,900	39,400
Change in selected resources (undelivered orders).....	-5,950	-1,517	-7,415	-5,250
10.00 Total obligations.....	28,125	5,275	35,485	34,150
Financing:				
Unobligated balance available, start of period:				
21.40 Appropriation.....	-----	-62	-----	-----
21.49 Contract authority.....	-39,703	-12,515	-7,485	-----
Unobligated balance available, end of period:				
24.40 Appropriation.....	62	-----	-----	-----
24.49 Contract authority.....	12,515	7,485	-----	-----
25.40 Unobligated balance lapsing: Appropriation.....	-----	68	-----	-----
Budget authority.....	1,000	250	28,000	34,150
Budget authority:				
Current:				
40.00 Appropriation.....	31,000	7,750	61,600	44,150
40.49 Portion applied to liquidate contract authority.....	-30,000	-7,500	-33,600	-10,000
43.00 Appropriation (adjusted).....	1,000	250	28,000	34,150
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	28,125	5,275	35,485	34,150
72.00 Obligated balance, start of period:	-----	-----	-----	-----
72.40 Appropriation.....	19,116	17,207	18,160	36,860
72.49 Contract authority.....	79,798	76,985	74,516	48,400
Obligated balance, end of period:				
74.40 Appropriation.....	-17,207	-18,160	-36,860	-41,610
74.49 Contract authority.....	-76,985	-74,516	-48,400	-38,400
77.00 Adjustments in expired accounts.....	-----	1	-----	-----
90.00 Outlays.....	32,846	6,792	42,900	39,400
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	119,500	89,500	82,000	48,400
Appropriation to liquidate contract authority.....	-30,000	-7,500	-33,600	-10,000
Unfunded balance, end of period.....	89,500	82,000	48,400	38,400

This appropriation provides grant assistance 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, as amended. Activities funded include junkyard screening and removal, control of commercial advertising along highways, and program administration.

The Federal-Aid Highway Act of 1976 removed landscaping and scenic enhancement from funding under this account. Instead, this activity is eligible for funding as part of the construction of Federal-aid highways. Obligations will be incurred for landscaping and scenic enhancement within this account only to the extent that unobligated balances are available from prior year appropriations.

Object Classification (in thousands of dollars)

Identification code 69-0540-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	741	195	-----	-----
11.3 Positions other than permanent.....	11	2	-----	-----
11.5 Other personnel compensation.....	6	-----	-----	-----
Total personnel compensation.....	757	197	-----	-----
12.1 Personnel benefits: Civilian.....	73	19	-----	-----
21.0 Travel and transportation of persons.....	91	24	-----	-----
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	12	3	-----	-----
25.0 Other services.....	3	1	1,085	1,150
26.0 Supplies and materials.....	2	-----	-----	-----
41.0 Grants, subsidies, and contributions.....	27,188	5,031	34,400	33,000
99.0 Total obligations.....	28,125	5,275	35,485	34,150

Personnel Summary

Total number of permanent positions.....	49	-----	-----	-----
Full-time equivalent of other positions.....	1	-----	-----	-----
Average paid employment.....	41	-----	-----	-----
Average GS grade.....	9.45	-----	-----	-----
Average GS salary.....	\$19,077	-----	-----	-----

DARIEN GAP HIGHWAY

Program and Financing (in thousands of dollars)

Identification code 69-0553-0-1-151	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Design and construction.....	17,954	2,292	7,086	581
2. Administration.....	583	118	714	919
Total program costs, funded.....	18,357	2,410	7,800	1,500
Change in selected resources (undelivered orders).....	-17,907	766	-6,987	-581
10.00 Total obligations.....	630	3,176	813	919
Financing:				
17.00 Recovery of prior period obligations.....	-2,908	-----	-----	-----
21.00 Unobligated balance available, start of period.....	-2,497	-9,675	-6,499	-919
23.00 Unobligated balance transferred to other accounts.....	-----	-----	4,767	-----
24.00 Unobligated balance available, end of period.....	9,675	6,499	919	-----
40.00 Budget authority (appropriation).....	4,900	-----	-----	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-2,279	3,176	813	919
72.00 Obligated balance, start of period.....	33,444	18,537	19,304	12,317
74.00 Obligated balance, end of period.....	-18,537	-19,304	-12,317	-11,736
90.00 Outlays.....	12,628	2,410	7,800	1,500

The United States, in cooperation with the Republic of Panama and the Government of Colombia, is participating in the construction of approximately 250 miles of highway through the Darien Gap—an incomplete link in the Inter-American Highway. The project has been halted by a Federal court ruling respecting the need to fully evaluate all involved environmental issues, especially the potential spread of hoof-and-mouth disease. No funding will be requested in 1978 pending the court's decision on the Department of Transportation's environmental impact statement. It is anticipated that the Department of Transportation will fulfill all requirements of the National Environmental Policy Act of 1969 by 1978.

Object Classification (in thousands of dollars)

Identification code 69-0553-0-1-151	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	376	77	432	547
11.3 Positions other than permanent.....	2	1	-----	-----
Total personnel compensation.....	378	78	432	547
12.1 Personnel benefits: Civilian.....	84	13	88	98
13.0 Benefits for former personnel.....	-----	1	-----	-----
21.0 Travel and transportation of persons.....	26	3	28	37
22.0 Transportation of things.....	15	4	16	72

23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	31	8	34	38
25.0 Other services.....	82	68	101	107
26.0 Supplies and materials.....	4	4	5	6
31.0 Equipment.....	9	15	10	14
41.0 Grants, subsidies, and contributions.....	-----	2,982	99	-----
99.0 Total obligations.....	630	3,176	813	919

Personnel Summary

Total number of permanent positions.....	25	-----	25	25
Full-time equivalent of other positions.....	0	-----	0	0
Average paid employment.....	19	-----	19	24
Average GS grade.....	10.81	-----	10.81	10.81
Average GS salary.....	\$20,638	-----	\$22,122	\$22,295

TERRITORIAL HIGHWAYS [(LIQUIDATION OF CONTRACT AUTHORIZATION)]

For [payment of obligations incurred] necessary expenses in carrying out the provisions of title 23, United States Code, sections 152, 153, 215, and 402, [and 405, \$3,560,000] \$2,800,000, to remain available until expended [; Provided, That not to exceed \$228,000 of the amount appropriated herein shall be available for "Limitation on general operating expenses"], together with \$290,000 for payment of obligations incurred in carrying out the provision of title 23, United States Code, sections 215, 402, and 405, to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0556-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Territorial highways.....	1,628	400	2,829	3,914
2. Safety programs.....	258	10	443	906
3. Administration.....	155	51	228	240
Total program costs, funded.....	2,042	461	3,500	5,060
Change in selected resources (undelivered orders).....	2,547	682	2,100	540
10.00 Total obligations.....	4,588	1,143	5,600	5,600
Financing:				
21.49 Unobligated balance available, start of period: Contract authority.....	-17,862	-21,207	-20,064	-14,464
32.00 Unobligated balance transferred to other accounts.....	66	-----	-----	-----
24.49 Unobligated balance available, end of period: Contract authority.....	21,207	20,064	14,464	11,664
Budget authority.....	8,000	-----	-----	2,800
Budget authority:				
Current:				
40.00 Appropriation.....	4,000	1,000	3,560	3,090
40.49 Portion applied to liquidate contract authority.....	-4,000	-1,000	-3,560	-290
43.00 Appropriation (adjusted).....	-----	-----	-----	2,800
Permanent:				
69.10 Contract authority (87 Stat. 251).....	8,000	-----	-----	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	4,588	1,143	5,600	5,600
Obligated balance, start of period:	-----	-----	-----	-----
72.40 Appropriation.....	1,885	3,610	4,153	4,213
72.49 Contract authority.....	7,198	7,786	7,929	9,969
Obligated balance, end of period:	-----	-----	-----	-----
74.40 Appropriation.....	-3,610	-4,153	-4,213	-2,243
74.49 Contract authority.....	-7,786	-7,929	-9,969	-12,479
90.00 Outlays.....	2,275	457	3,500	5,060
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	25,060	28,994	27,994	24,434
Contract authority.....	8,000	-----	-----	-----
Unfunded balance transferred to other accounts.....	-66	-----	-----	-----
Appropriation to liquidate contract authority.....	-4,000	-1,000	-3,560	-290
Unfunded balance, end of period.....	28,994	27,994	24,434	24,144

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.

General and special funds—Continued

TERRITORIAL HIGHWAYS—Continued

The 1976 Highway Act also made funding available to the territories for the high-hazard location and roadside obstacles programs. A program level of \$5,600 thousand is anticipated in 1978, the same as in 1977.

Object Classification (in thousands of dollars)

Identification code 69-0556-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	95	29	-----	-----
11.5 Other personnel compensation.....	12	4	-----	-----
Total personnel compensation.....	107	33	-----	-----
12.1 Personnel benefits: Civilian.....	25	3	-----	-----
21.0 Travel and transportation of persons.....	30	7	-----	-----
22.0 Transportation of things.....	7	-----	-----	-----
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	8	2	-----	-----
25.0 Other services.....	7	-----	228	240
31.0 Equipment.....	3	-----	-----	-----
41.0 Grants, subsidies, and contributions.....	4,399	1,099	5,372	5,360
99.0 Total obligations.....	4,588	1,143	5,600	5,600

Personnel Summary

Total number of permanent positions.....	3	-----	-----	-----
Full-time equivalent of other positions.....	0	-----	-----	-----
Average paid employment.....	3	-----	-----	-----
Average GS grade.....	13.67	-----	-----	-----
Average GS salary.....	\$31,369	-----	-----	-----

RAILROAD-HIGHWAY CROSSINGS DEMONSTRATION PROJECTS

For necessary expenses in carrying out the provisions of title 23, United States Code, section 322, to remain available until expended; \$2,835,000, and for necessary expenses of railroad-highway crossings demonstration projects, as authorized by section 163 of the Federal-Aid Highway Act of 1973, as amended, and Title III of the National Mass Transportation Assistance Act of 1974, to remain available until expended, [\$10,000,000] \$5,000,000, of which [\$6,666,667] \$3,333,333 shall be derived from the Highway Trust Fund; *Provided*, That section 163 of Public Law 93-87 is hereby amended to include projects at Terre Haute, Indiana. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0557-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Railroad-highway crossings.....	2,262	397	7,600	9,300
2. Rail crossings.....	1,872	486	3,400	7,700
Total program costs, funded.....	4,134	884	11,000	17,000
Change in selected resources (undelivered orders).....	1,157	3,397	19,327	-4,865
10.00 Total obligations (object class 41.0).....	5,291	4,281	30,327	12,135
Financing:				
13.00 Offsetting collections from: Trust funds.....	-3,750	-3,700	-17,948	-4,828
21.00 Unobligated balance available, start of period.....	-13,507	-12,432	-11,851	-2,805
24.00 Unobligated balance available, end of period.....	12,432	11,851	2,805	-----
40.00 Budget authority (appropriation).....	467	-----	3,333	4,502
Distribution of budget authority by account:				
Railroad-highway crossings.....	467	-----	3,333	1,667
Rail crossings.....	-----	-----	-----	2,835
Distribution of obligations by account:				
Railroad-highway crossings.....	360	-394	4,194	1,667
Rail crossings.....	1,182	975	8,185	5,640
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	1,542	581	12,379	7,307
72.00 Obligated balance, start of period.....	6,182	5,364	7,214	15,994
74.00 Obligated balance, end of period.....	-5,364	-7,214	-15,994	-16,100
90.00 Outlays.....	2,360	-1,270	3,600	7,200
Distribution of outlays by account:				
Railroad-highway crossings.....	1,413	-1,120	1,200	7,000
Rail crossings.....	947	-150	2,400	200

The Federal-Aid Highway Act of 1970, and the Federal-Aid Highway Act of 1973, as amended, authorized select

projects for the purpose of protecting, eliminating, relocating or otherwise modifying ground-level rail-highway crossings.

1. *Railroad-highway crossings.*—This program provides for demonstration projects in 19 cities. The planned program level of \$18.1 million in 1977 will utilize all unobligated balances of appropriated funds and will allow for completion of preliminary engineering on most projects as well as some right-of-way acquisition and construction. A program level of \$5 million is requested in 1978 in order to complete remaining preliminary engineering.

2. *Rail crossings.*—This program provides for demonstration projects along the route of the Northeast Corridor rail line between Washington, D.C., and Boston, Mass., and in and around Greenwood, S.C. The program level requested for 1978 will be used to continue preliminary engineering and/or construction of the projects.

OFF-SYSTEM RAILWAY-HIGHWAY CROSSINGS

For necessary expenses for the elimination of hazards of railway-highway crossings on roads other than those on any Federal-aid system in accordance with the provisions of section 203 of the "Highway Safety Act of 1976," to remain available until expended, \$25,000,000. (90 Stat. 452.)

Program and Financing (in thousands of dollars)

Identification code 69-0513-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Construction.....	-----	-----	-----	4,440
Administration.....	-----	-----	-----	560
Total program costs, funded.....	-----	-----	-----	5,000
Change in selected resources (undelivered orders).....	-----	-----	-----	20,000
10.00 Total obligations.....	-----	-----	-----	25,000
Financing:				
40.00 Budget authority (appropriation).....	-----	-----	-----	25,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-----	-----	-----	25,000
74.00 Obligated balance, end of period.....	-----	-----	-----	-20,000
90.00 Outlays.....	-----	-----	-----	5,000

About 175,000 public railroad-highway grade crossings are located on roads off the Federal-aid highway system. The Federal-Aid Highway Act of 1976 authorized a new program to provide 90% Federal grant assistance to States for the elimination of railway-highway grade crossings hazards on off-system roads. Projects include crossing separation, relocation, and/or installation of gates or flashing lights.

Object Classification (in thousands of dollars)

Identification code 69-0513-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
25.0 Other services.....	-----	-----	-----	560
41.0 Grants, subsidies, and contributions.....	-----	-----	-----	24,440
99.0 Total obligations.....	-----	-----	-----	25,000

NATIONAL SCENIC AND RECREATIONAL HIGHWAY (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 148, to remain available until expended, [\$22,500,000] \$10,000,000, of which [\$14,300,000] \$7,300,000 shall be derived from the Highway Trust Fund. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0544-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
National Scenic and Recreational Highway (program costs, funded).....			6,900	25,200
Change in selected resources.....		370	27,730	29,800
10.00 Total obligations (object class 41.0).....		370	34,630	55,000
Financing:				
13.00 Offsetting collections from: Trust funds.....		-247	-23,087	-36,666
21.49 Unobligated balance available, start of period: Contract authority.....	-30,000	-30,000	-29,877	-18,334
24.49 Unobligated balance available, end of period: Contract authority.....	30,000	29,877	18,334	
Budget authority.....				
Budget authority:				
40.00 Appropriation.....			8,200	2,700
40.49 Portion applied to liquidate contract authority.....			-8,200	-2,700
43.00 Appropriation (adjusted).....				
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....		123	11,543	18,334
Obligated balance, start of period:				
72.40 Appropriation.....				5,900
72.49 Contract authority.....			123	3,466
Obligated balance, end of period:				
74.40 Appropriation.....			-5,900	-200
74.49 Contract authority.....			-3,466	-19,100
90.00 Outlays.....			2,300	8,400
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	30,000	30,000	30,000	21,800
Appropriation to liquidate contract authority.....			-8,200	-2,700
Unfunded balance, end of period.....	30,000	30,000	21,800	19,100

The Federal-Aid Highway Act of 1973 authorized the construction and reconstruction of the Great River Road by 10 States bordering the Mississippi River. A single continuous two-lane route has been tentatively designated which will run from Lake Itasca, Minn., to Venice, La. Program levels for 1977 and 1978 will focus on preliminary engineering, environmental studies, roadside rest areas, acquisition of areas of archeological, scientific, or historical importance, and necessary easements for scenic purposes.

[ALASKA HIGHWAY]

For necessary expenses to carry out the provisions of section 218 of title 23, United States Code, \$15,000,000, to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0537-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Alaska Highway.....			2,909	5,690
2. Administration.....			56	60
Total program costs, funded.....			2,965	5,750
Change in selected resources (undelivered orders).....			11,860	-750
10.00 Total obligations.....			14,825	5,000
Financing:				
21.00 Unobligated balance available, start of period.....	-4,825	-4,825	-4,825	-5,000
24.00 Unobligated balance available, end of period.....	4,825	4,825	5,000	
40.00 Budget authority (appropriation).....			15,000	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....			14,825	5,000
72.00 Obligated balance, start of period.....				11,860
74.00 Obligated balance, end of period.....			-11,860	-11,110
90.00 Outlays.....			2,965	5,750

The Federal-Aid Highway Act of 1973 authorized \$58.67 million for the reconstruction of the Canadian highway

link (called the "Alaska Highway") from the Alaskan border to Haines Junction and the Haines Cutoff Highway from Haines Junction to the south Alaskan border. Total 1977 and prior year appropriations amounting to \$19.825 million are not available for obligation until an agreement between the United States and Canada is reached and until completion of the necessary environmental impact statement.

Object Classification (in thousands of dollars)

Identification code 69-0537-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
21.0 Travel and transportation of persons.....			22	24
25.0 Other services.....			34	36
32.0 Lands and structures.....			14,769	4,940
99.0 Total obligations.....			14,825	5,000

OFF-SYSTEM ROADS (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 219, \$70,000,000 \$45,000,000, to remain available until expended: Provided, That not to exceed \$2,610,000 \$3,090,000 of the amount appropriated herein shall be available for "Limitation on general operating expenses". (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0502-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Construction.....	5,282	6,650	47,390	61,910
Administration.....	300		2,610	3,090
Total program costs, funded.....	5,582	6,650	50,000	65,000
Change in selected resources (undelivered orders).....			65,764	-61,910
47,584	19,301	65,764	-61,910	
10.00 Total obligations.....	53,166	25,951	115,764	3,090
Financing:				
21.49 Unobligated balance available, start of period: Contract authority.....	-197,970	-144,805	-118,854	-3,090
24.49 Unobligated balance available, end of period: Contract authority.....	144,805	118,854	3,090	
Budget authority.....				
Budget authority:				
40.00 Appropriation.....	10,000	2,500	70,000	45,000
40.49 Portion applied to liquidate contract authority.....	-10,000	-2,500	-70,000	-45,000
43.00 Appropriation (adjusted).....				
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	53,166	25,951	115,764	3,090
Obligated balance, start of period:				
72.40 Appropriation.....			4,418	268
72.49 Contract authority.....			45,195	68,646
Obligated balance, end of period:				
74.40 Appropriation.....			-4,418	-268
74.49 Contract authority.....			-45,195	-68,646
90.00 Outlays.....	5,582	6,650	50,000	65,000
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	200,000	190,000	187,500	117,500
Appropriation to liquidate contract authority.....	-10,000	-2,500	-70,000	-45,000
Unfunded balance, end of period.....	190,000	187,500	117,500	72,500

The Federal-Aid Highway Amendments of 1974 provided \$200 million in contract authorization for construction, reconstruction, and improvement of roads not on the Federal-aid highway system. Following a deduction for administration and research, the funds authorized were apportioned to the States based upon statutory formula. It is anticipated that all funds authorized for construction will be fully obligated by the end of 1978.

General and special funds—Continued

OFF-SYSTEM ROADS (LIQUIDATION OF CONTRACT AUTHORIZATION)—Continued

Object Classification (in thousands of dollars)

Identification code 69-0502-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
25.0 Other services.....	300		2,610	3,090
41.0 Grants, subsidies, and contributions.....	52,866	25,951	113,154	
99.0 Total obligations.....	53,166	25,951	115,764	3,090

[ACCESS HIGHWAYS TO PUBLIC RECREATION AREAS ON CERTAIN LAKES]

[(INCLUDING TRANSFER OF FUNDS)]

[For necessary expenses not otherwise provided, to carry out the provisions of title 23, United States Code, section 155, \$4,767,000, to be derived from the appropriation for "Darien Gap Highway," and to remain available until September 30, 1979.] (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0503-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Access highways to public recreation areas on certain lakes (program costs, funded). Change in selected resources (undelivered orders).....			3,100	4,675
10.00 Total obligations (object class 41.0)...	129	532	11,006	-4,675
Financing:				
21.00 Unobligated balance available, start of period.....		-9,871	-9,339	
23.00 Unobligated balance transferred from other accounts.....			-4,767	
24.00 Unobligated balance available, end of period.....	9,871	9,339		
40.00 Budget authority (appropriation)...	10,000			
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	129	532	14,106	
72.00 Obligated balance, start of period.....		129	661	-11,667
74.00 Obligated balance, end of period.....	-129	-661	-11,667	-6,992
90.00 Outlays.....			3,100	4,675

The Federal-Aid Highway Amendments of 1974 authorized a program to construct or reconstruct access highways to public recreation areas on lakes in order to accommodate present and projected traffic density.

The 1976 appropriation of \$10 million, together with the 1977 transfer of funds from Darien Gap Highway of \$4,767 thousand, will fully fund the 70% Federal share of the eight projects which have been approved under this program. No further funding is required.

[ALASKA ROADS STUDY]

[For necessary expenses not otherwise provided to carry out the provisions of section 151, "Federal-Aid Highway Act of 1976," \$200,000 to remain available until expended.] (90 Stat. 448; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0511-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Alaska roads study (program costs, funded).....			40	160
Change in selected resources (undelivered orders).....			160	-160
10.00 Total obligations (object class 25.0)...			200	
Financing:				
40.00 Budget authority (appropriation).....			200	

Relation of obligations to outlays:			
71.00 Obligations incurred, net.....			200
72.00 Obligated balance, start of period.....			160
74.00 Obligated balance, end of period.....			-160
90.00 Outlays.....			40

The 1976 Federal-Aid Highway Act authorized \$200 thousand for the purpose of computing the cost of, and establishing responsibility for, repairing and restoring Alaska highways damaged by heavy truck traffic during construction of the Alaska pipeline. The entire authorization was appropriated in 1977. The study will be completed by no later than 3 months after completion of pipeline construction.

[HIGHWAYS CROSSING FEDERAL PROJECTS]

[For necessary expenses in carrying out the provisions of title 23, United States Code, section 156, \$35,000,000, to remain available until September 30, 1979.] (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0510-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Highways crossing Federal projects (program costs, funded).....			7,000	11,200
Change in selected resources (undelivered orders).....			28,000	-11,200
10.00 Total obligations (object class 32.0)...			35,000	
Financing:				
40.00 Budget authority (appropriation).....			35,000	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....			35,000	
72.00 Obligated balance, start of period.....				28,000
74.00 Obligated balance, end of period.....			-28,000	-16,800
90.00 Outlays.....			7,000	11,200

The 1976 Federal-Aid Highway Act authorized 100% Federal grant funding for the construction and reconstruction of any public highway bridge across any Federal public works project where there has been a substantial change in the requirements and costs of such highway or bridge since the public works project was authorized, and where such increased costs would work an undue hardship upon any one State.

The 1977 Department of Transportation Appropriations Act includes an appropriation of \$35 million for this program. Subsequently, funds were allocated for projects in Mississippi, Alabama, and South Dakota. In order to avoid the continuation of programs which support narrow categories of projects, thereby losing the benefit of State prioritizing mechanisms among a wider range of potential highway projects, no further funding is requested for this program in 1978.

MISCELLANEOUS APPROPRIATIONS

Program and Financing (in thousands of dollars)

Identification code 69-9911-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Inter-American Highway.....	1		1,812	
2. Highway-related safety grants.....	2,109	650	966	
3. Alaskan assistance.....	2		217	
4. Rural highway public transportation.....	166	296	6,630	6,600
5. Chamizal Memorial Highway.....	717	55	99	
6. Bikeway program.....			6,000	
7. Highway beautification.....	952	-34	573	
8. Forest highways.....	84	85	404	
9. Public lands highways.....	975	104	580	
10. Salaries and expenses.....	522	52	151	
Total program costs, funded.....	5,528	1,209	17,430	6,600
Change in selected resources (undelivered orders).....	1,240	2,065	4,971	-6,600
10.00 Total obligations (object class 32.0)...	6,768	3,274	22,401	

Financing:				
13.00	Offsetting collections from: Trust funds.....	-5,087	-2,017	-9,651
17.00	Recovery of prior period obligations.....	-36	-23	
21.40	Unobligated balance available, start of period: Appropriation.....	-4,152	-14,250	-12,750
24.40	Unobligated balance available, end of period: Appropriation.....	14,250	12,750	
25.00	Unobligated balance:			
	Restored.....	-744		
	Lapsing.....		266	
	Budget authority.....	11,000		

Budget authority:				
40.00	Appropriation.....	14,300		6,500
40.49	Portion applied to liquidate contract authority.....	-3,300		-6,500
43.00	Appropriation (adjusted).....	11,000		

Distribution of budget authority by account:				
	Rural highway public transportation.....	5,000		
	Bikeway program.....	6,000		

Distribution of obligations by account:				
	Inter-American Highway.....	1		1,020
	Alaskan assistance.....	-2		216
	Rural highway public transportation.....	957	1,480	5,457
	Chamizal Memorial Highway.....	-12	-23	55
	Bikeway program.....			6,000
	Highway beautification.....	776	-222	
	Forest highways.....	-53		
	Public lands highways.....	-22		

Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	1,645	1,235	12,749
	Obligated balance, start of period:			
72.40	Appropriation.....	10,722	8,347	7,060
72.49	Contract authority.....	3,774	474	474
	Obligated balance, end of period:			
74.40	Appropriation.....	-8,347	-7,060	-6,045
74.49	Contract authority.....	-474		-3,745
77.40	Adjustments in expired accounts: Appropriation.....	-438	-945	
90.00	Outlays.....	6,882	1,577	14,238

Distribution of outlays by account:				
	Inter-American Highway.....	1		1,812
	Highway-related safety grants.....	2,109	1,260	966
	Alaskan assistance.....			217
	Rural highway public transportation.....	166	-116	1,800
	Chamizal Memorial Highway.....	850	32	104
	Bikeway program.....			6,000
	Highway beautification.....	993	50	969
	Forest highways.....	1,263	51	483
	Public lands highways.....	1,084	162	881
	Salaries and expenses.....	416	138	1,007

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of period.....	3,774	474	474
Appropriation to liquidate contract authority.....	-3,300		-6,500
Balance of appropriation to liquidate contract authority withdrawn.....			6,026
Unfunded balance, end of period.....	474	474	

This account includes the Inter-American Highway, Alaskan assistance program, rural highway public transportation demonstration projects, Chamizal Memorial Highway, bikeway program, highway beautification, forest highways, public lands highways, salaries and expenses, and highway-related safety grants. No appropriations are requested or anticipated for 1978 and subsequent years.

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 308, title 23, United States Code, [§6,143,-100,000] \$6,100,000 or so much thereof as may be available in and derived from the "Highway trust fund", to remain available until expended.

[HIGHWAY SAFETY CONSTRUCTION PROGRAMS (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)]

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, sections 130, 144, 151, 152, 153, and 405, \$385,000,000, to be derived from the Highway Trust Fund, to remain available until expended. (23 U.S.C. 103, 104, 120, 125, 130, 134, 135, 143, 144, 146, 147, 150, 151, 152, 153, 204, 209, 217, 307, 320, 321, 405; 87 Stat. 283; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 20-8102-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Interstate System.....	2,811,783	605,731	3,509,808	3,214,711
2. Noninterstate program.....	2,544,698	975,716	3,297,982	2,642,973
3. Construction safety programs.....	534,948	97,874	550,853	501,279
4. Administration and research.....	120,001	41,424	141,956	146,406
5. Other.....	116,763	40,692	183,902	103,594
Total direct program costs, funded.....	6,128,193	1,761,437	7,684,501	6,608,963
Reimbursable program:				
1. Construction.....	6,083	1,362	13,354	9,264
2. Administration.....	27,702	7,084	29,646	33,736
Total reimbursable program costs, funded.....	33,785	8,446	43,000	43,000
Total program costs, funded.....	6,161,978	1,769,883	7,727,501	6,651,963
Change in selected resources (under- livered orders).....	-1,596,607	-136,363		
10.00 Total obligations.....	4,565,371	1,633,520	7,727,501	6,651,963
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-26,879	-2,593	-29,488	-30,667
13.00 Trust funds.....	-5,305	-5,853	-11,812	-10,633
14.00 Non-Federal sources:				
Loan repayments.....			-9,200	-60,000
Other.....	-1,601		-1,700	-1,700
17.00 Recovery of prior period obligations.....			-33,443	-3,963
21.49 Unobligated balance available, start of period: Contract authority.....	-7,698,703	-8,144,695	-9,823,317	-5,719,698
22.00 Unobligated balance transferred from other accounts.....	-66			
23.00 Unobligated balance transferred to other accounts.....		13,218		
24.49 Unobligated balance available, end of period: Contract authority.....	8,144,695	9,823,317	5,719,698	6,017,476
25.49 Unobligated balance lapsing: Contract authority.....		864		
Budget authority.....	4,977,511	3,317,778	3,538,239	6,842,778
Budget authority:				
Current:				
40.00 Appropriation.....	6,833,800	1,348,950	6,528,100	6,100,000
40.49 Portion applied to liquidate contract authority.....	-6,833,800	-1,348,950	-6,528,100	-6,100,000
43.00 Appropriation (adjusted).....				
49.10 Contract authority (Public Law 94-280).....	1,650,000			
Reduction in contract authority under sec. 110, Public Law 94-280.....	-147,489			
69.10 Permanent:				
Contract authority (Public Laws 93-87, 93-643, 94-280).....	3,475,000	3,317,778	3,538,239	6,842,778
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	4,531,586	1,625,073	7,641,858	6,545,000
	Obligated balance, start of period:			
72.40 Appropriation.....	53,220	510,019	144,581	819,463
72.49 Contract authority.....	10,871,177	8,568,964	8,845,087	9,972,063
	Obligated balance, end of period:			
74.40 Appropriation.....	-510,019	-144,581	-819,463	-35,463
74.49 Contract authority.....	-8,568,964	-8,845,087	-9,972,063	-10,417,063
90.00 Outlays.....	6,377,001	1,714,388	5,840,000	6,884,000

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of period.....	18,569,881	16,713,658	18,668,404	15,691,761
Contract authority.....	5,125,000	3,317,778	3,538,239	6,842,778
Reduction in contract authority under sec. 110, Public Law 94-280.....	-147,489			
Unfunded balance lapsing.....		-864		
Unfunded balance transferred to other accounts.....		-13,218		
Unfunded balance transferred from other accounts.....	66			
Appropriation to liquidate contract authority.....	-6,833,800	-1,348,950	-6,528,100	-6,100,000
Appropriation to liquidate contract authority transferred to other accounts.....			13,218	
Unfunded balance, end of period.....	16,713,658	18,668,404	15,691,761	16,434,539

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

Financial assistance is made available to States for construction and improvements on the National System of Interstate and Defense Highways and for urban and rural transportation programs. The Federal Government pays 90% of the costs for interstate projects and 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.

1. *Interstate System.*—The current estimated cost to complete the Interstate System is \$35 billion. As of September 30, 1976, 37,869 miles of the 42,500-mile system were open to traffic. At State and local option, authorizations for nonessential segments deleted from the system may be utilized for mass transit improvements on bus and rail systems.

2. *Noninterstate program.*—Provides financial assistance to States for highway construction on the primary and secondary systems, the priority primary system, and the urban system. Also provides financial assistance for forest highways, public lands highways, the urban high-density traffic program, and other federally aided highway programs.

3. *Construction safety programs.*—Provides financial assistance to States for safety improvements to the highway systems. Programs that may be pursued at State and local option are projects for high-hazard locations, elimination of roadside obstacles, rail-highway crossings, bridge reconstruction and replacement, and pavement marking demonstrations.

4. *Administration and research.*—Provides for executive and general administrative and research expenses of Federal-aid highways. These funds are expended under the Limitation on general operating expenses.

5. *Other.*—Provides for emergency relief and bridges over Federal dams.

The \$6,545 million program level proposed for 1978 is \$458 million over the average \$6,087 million estimated to be achieved in 1976 and 1977. The 1978 level recognizes that States require substantial, stable Federal assistance in order to permit orderly planning and phased construction of interstate and other highways.

Object Classification (in thousands of dollars)

Identification code 20-8102-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
FEDERAL HIGHWAY ADMINISTRATION				
Personnel compensation:				
11.1 Permanent positions.....	7,411	1,608	8,143	8,092
11.3 Positions other than permanent.....	807	324	850	880
11.5 Other personnel compensation.....	498	166	530	565
Total personnel compensation.....	8,716	2,098	9,523	9,537
Direct obligations:				
Personnel compensation.....				
12.1 Personnel benefits: Civilian.....	2,721	879	3,010	3,090
21.0 Travel and transportation of persons.....	297	45	310	312
22.0 Transportation of things.....	979	398	1,000	1,050
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	246	113	260	270
24.0 Printing and reproduction.....	89	28	95	105
25.0 Other services.....	24	9	28	32
26.0 Supplies and materials.....	1,580	139	1,700	1,700
31.0 Equipment.....	57	15	64	70
32.0 Lands and structures.....	6	1	8	9
33.0 Investments and loans.....	38,932	12,024	40,000	40,000
41.0 Grants, subsidies, and contributions.....	116,432			
93.0 Limitation on general operating expenses.....	4,227,401	1,529,560	7,456,286	6,376,168
	121,739	42,088	141,956	146,406
Total direct obligations.....	4,510,503	1,585,299	7,644,717	6,569,212
Reimbursable obligations:				
Personnel compensation.....				
12.1 Personnel benefits: Civilian.....	5,995	1,219	6,513	6,447
21.0 Travel and transportation of persons.....	562	115	610	606
22.0 Transportation of things.....	287	63	310	330
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	175	46	185	200
24.0 Printing and reproduction.....	134	35	150	160
25.0 Other services.....	10	6	11	12
26.0 Supplies and materials.....	13,865	133	9,194	12,815
	902	148	1,000	1,020

31.0 Equipment.....	1,054	160	1,080	1,100
32.0 Lands and structures.....	2,938	55	3,100	3,150
42.0 Insurance claims and indemnities.....	96	4		
93.0 Limitation on general operating expenses.....	7,767	6,462	20,847	17,160
Total reimbursable obligations.....	33,785	8,446	43,000	43,000
Total obligations, Federal Highway Administration.....	4,544,288	1,593,745	7,687,717	6,612,212
ALLOCATION ACCOUNTS				
Personnel compensation:				
11.1 Permanent positions.....	1,634	460	1,345	1,570
11.3 Positions other than permanent.....	1,289	269	1,191	1,369
11.5 Other personnel compensation.....	294	50	200	200
Total personnel compensation.....	3,217	779	2,736	3,139
12.1 Personnel benefits: Civilian.....	292	70	252	285
21.0 Travel and transportation of persons.....	111	41	114	115
22.0 Transportation of things.....	334	108	273	317
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	177	55	157	169
24.0 Printing and reproduction.....	6	6	6	6
25.0 Other services.....	9,260	4,451	8,788	9,319
26.0 Supplies and materials.....	47	340	788	828
31.0 Equipment.....	66	43	55	65
32.0 Lands and structures.....	7,007	8,420	6,615	5,510
41.0 Grants, subsidies, and contributions.....		25,462	20,000	20,000
42.0 Insurance claims and indemnities.....	9			
Subtotal.....	21,086	39,775	39,784	39,751
95.0 Quarters and subsistence charges.....	-3			
Total obligations, allocation accounts.....	21,083	39,775	39,784	39,751
99.0 Total obligations.....	4,565,371	1,633,520	7,727,501	6,651,963

Obligations are distributed as follows:

Federal Highway Administration.....	4,544,288	1,593,745	7,687,717	6,612,212
Urban Mass Transportation Administration.....		25,462	20,000	20,000
Army, Corps of Engineers.....	1,590	4,759	2,284	251
Agriculture, Forest Service.....	14,886	8,363	12,000	14,000
Interior:				
Bureau of Indian Affairs.....	4,295	740	5,000	5,000
National Park Service.....	313	451	500	500

Personnel Summary

FEDERAL HIGHWAY ADMINISTRATION

Direct:				
Total number of permanent positions.....	137	137	137	137
Full-time equivalent of other positions.....	67	70	70	70
Average paid employment.....	203	202	202	202
Average GS grade.....	8.43	8.43	8.43	8.43
Average GS salary.....	\$15,437	\$16,978	\$16,919	\$16,919
Reimbursable:				
Total number of permanent positions.....	415	426	416	416
Full-time equivalent of other positions.....	28	30	30	30
Average paid employment.....	389	399	388	388
Average GS grade.....	8.32	8.35	8.32	8.32
Average GS salary.....	\$15,209	\$16,240	\$16,451	\$16,451

ALLOCATION ACCOUNTS

Total number of permanent positions.....	133	79	93	93
Full-time equivalent of other positions.....	127	110	124	124
Average paid employment.....	237	186	214	214
Average GS grade.....	8.74	8.74	8.74	8.74
Average GS salary.....	\$16,084	\$16,905	\$16,905	\$16,905

LIMITATION ON GENERAL OPERATING EXPENSES

Necessary expenses for administration, operation, and research of the Federal Highway Administration not to exceed **[\$150,400,000]** \$162,066,000 shall be paid, in accordance with law, from appropriations made available by this Act to the Federal Highway Administration together with advances and reimbursements received by the Federal Highway Administration: *Provided*, That not to exceed **[\$32,170,000]** \$35,300,000 of the amount provided herein shall remain available until expended. (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Program direction and coordination:				
(a) Executive direction.....	428	105	473	482
(b) Legal services.....	1,229	340	1,339	1,330
(c) Program review and investigation.....	603	153	664	672
(d) Public affairs.....	254	64	276	279
(e) Civil rights.....	669	164	744	748
2. General program support:				
(a) Program and highway planning.....	5,942	2,288	7,424	7,170
(b) Research and development.....	13,916	10,165	20,742	21,650
(c) Administrative support.....	21,321	6,342	26,198	28,905
(d) National Highway Institute.....	1,416	595	1,907	2,063
(e) Career development programs.....	3,493	970	3,916	4,004

3. Highway programs:				
(a) Engineering and traffic operations.....	6,058	1,493	6,650	6,665
(b) Right-of-way and environment.....	2,428	720	2,649	2,636
(c) Highway safety.....	5,398	5,981	11,912	9,750
(d) Construction skill training.....	6,410	3,356	11,475	10,000
4. Field operations.....	59,942	15,815	66,434	67,212
Total program costs, funded obligations.....	129,506	48,550	162,803	163,566
Financing:				
Offsetting collections from: Federal funds.....	-1,363	-408	-1,500	-1,500
Unobligated balance available, start of period.....	-3,313	-19,650	-6,262	-----
Unobligated balance available, end of period.....	19,650	6,262	-----	-----
Unobligated balance lapsing.....	-----	2,238	-----	-----
Limitation.....	144,480	36,991	150,400	162,066
Proposed increase due to civilian pay increases.....	-----	-----	4,641	-----

This limitation provides for the salaries and expenses of the Federal Highway Administration required to conduct and administer Federal-aid highways, and off-system roads. Commencing in 1977, administrative expenses for the highway beautification and territorial highways programs were also included within the limitation.

Administrative services for other programs of the Federal Highway Administration, including highway-related safety grants, and for road construction programs of other agencies are initially financed from this limitation with reimbursements being collected from those programs. In addition, the appropriation for highway safety research and development is transferred to and administered through this limitation. The limitation does not cover administrative expenses of Darien Gap Highway and motor carrier safety which are funded by their respective appropriations, although an amount is transferred from motor carrier safety to this account to cover their share of the cost of undistributed overhead.

1. *Program direction and coordination.*—(a) Provides overall direction and coordination of the highway transportation program; (b) provides legal services for all programs; (c) develops and administers programs for 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 reassures 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.

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, and the social and environmental aspects of highways; (c) provides administrative support services for all elements of the Federal Highway Administration; and (d) provides on-the-job training for employees of the Federal Highway Administration and training opportunities for highway-related personnel.

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 vehicle-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) finances construction skill training programs for disadvantaged workers hired by contractors on federally aided highway projects.

4. *Field operations.*—(a) Provides staff advisory and support services in field offices of the Federal Highway

Administration, and (b) provides program and engineering supervision of the several highway programs through 9 regional and 52 division offices.

5. *Highway beautification.*—Provides for monitoring of program progress, policy formulation, and assistance and guidance to the States in the removal of billboards, screening or removal of junkyards, and landscaping and scenic enhancement of highway rights-of-way.

6. *Territorial highways.*—Provides for planning and engineering guidance to Guam, American Samoa, and the Virgin Islands in the development of their highway systems.

Object Classification (in thousands of dollars)

Identification code 20-8102-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	75,519	19,457	81,577	82,895
11.3 Positions other than permanent.....	1,418	467	1,688	1,690
11.5 Other personnel compensation.....	360	118	369	370
Total personnel compensation.....	77,297	20,042	83,634	84,955
12.1 Personal benefits: Civilian.....	8,591	2,328	9,179	9,274
13.0 Benefits for former personnel.....	-----	4	-----	-----
21.0 Travel and transportation of persons.....	4,397	1,215	5,383	5,643
22.0 Transportation of things.....	725	179	854	895
Rent, communications, and utilities:				
23.1 Standard level user charges.....	5,411	1,281	5,390	7,272
23.2 Other rent, communications, and utilities.....	2,931	1,536	4,453	4,530
24.0 Printing and reproduction.....	1,231	313	1,480	1,617
25.0 Other services.....	27,452	20,814	50,290	47,119
26.0 Supplies and materials.....	787	208	927	983
31.0 Equipment.....	684	630	1,213	1,278
42.0 Insurance claims and indemnities.....	1	-----	-----	-----
93.0 Administrative expenses included in schedule for funds as a whole.....	-129,506	-48,550	-162,803	-163,566
99.0 Total obligations.....	-----	-----	-----	-----

Personnel Summary

Total number of permanent positions.....	3,924	3,829	3,829
Full-time equivalent of other positions.....	175	175	175
Average paid employment.....	3,970	3,929	3,926
Average GS grade.....	10.18	10.18	10.18
Average GS salary.....	\$20,142	\$21,697	\$21,981

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, **[\$26,820,000 of which \$20,320,000 shall]** \$20,000,000 to be derived from the Highway Trust Fund: *Provided*, That not to exceed **[\$556,000]** \$633,000 of the amount appropriated herein shall be available for "Limitation on general operating expenses" (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-8019-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. State and community grants.....	25,856	2,870	19,417	19,367
2. Administration of grant programs.....	533	130	583	633
Total program costs, funded.....	26,390	3,000	20,000	20,000
Change in selected resources (undelivered orders).....	-7,345	1,885	1,000	1,000
10.00 Total obligations.....	19,045	4,885	21,000	21,000
Financing:				
21.49 Unobligated balance available, start of period: Contract authority.....	-83,341	-64,296	-84,173	-63,173
24.49 Unobligated balance available, end of period: Contract authority.....	64,296	84,173	63,173	66,935
Budget authority.....	-----	24,762	-----	24,762
Budget authority:				
Current:				
40.00 Appropriation.....	11,700	3,000	20,320	20,000
40.49 Portion applied to liquidate contract authority.....	-11,700	-3,000	-20,320	-20,000
43.00 Appropriation (adjusted).....	-----	-----	-----	-----
69.10 Permanent:	-----	-----	-----	-----
Contract authority: Public Law 94-280.....	-----	24,762	-----	24,762

HIGHWAY-RELATED SAFETY GRANTS (LIQUIDATION OF CONTRACT AUTHORIZATION)—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-8019-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	19,045	4,885	21,000	21,000
Obligated balance, start of period:				
72.40 Appropriation.....				320
72.49 Contract authority.....	13,389	20,733	22,618	23,298
Obligated balance, end of period:				
74.40 Appropriation.....			-320	-320
74.49 Contract authority.....	-20,733	-22,618	-23,298	-24,298
90.00 Outlays.....	11,700	3,000	20,000	20,000
Status of Unfunded Contract Authority (in thousands of dollars)				
Unfunded balance, start of period.....	96,729	85,029	106,791	86,471
Contract authority.....		24,762		24,762
Appropriation to liquidate contract authority.....	-11,700	-3,000	-20,320	-20,000
Unfunded balance, end of period.....	85,029	106,791	86,471	91,233

The Highway Safety Act of 1970 authorized grants to States and communities for implementing and maintaining highway-related safety standards. Funding was one-third Federal funds and two-thirds highway trust funds. The Highway Safety Act of 1973 provided additional authorizations which were entirely trust funded and extended grant eligibility to Indian reservations and the three U.S. territories.

Object Classification (in thousands of dollars)

Identification code 69-8019-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
25.0 Other services.....	533	130	583	633
41.0 Grants, subsidies, and contributions.....	18,512	4,755	20,417	20,367
99.0 Total obligations.....	19,045	4,885	21,000	21,000

[BALTIMORE-WASHINGTON PARKWAY]

For necessary expenses, not otherwise provided, to carry out the provisions of the Federal-Aid Highway Act of 1970, for the Baltimore-Washington Parkway, to remain available until expended, \$1,500,000 to be derived from the "Highway Trust Fund" and to be withdrawn therefrom at such times and in such amounts as may be necessary. (84 Stat. 1713; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-8014-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Baltimore-Washington Parkway (program costs, funded).....	212	101	2,980	840
Changes in selected resources (undelivered orders).....	-212	849	-886	-840
10.00 Total obligations (object class 32.0).....		950	2,094	
Financing:				
21.00 Unobligated balance available, start of period.....	-1,544	-1,544	-594	
24.00 Unobligated balance available, end of period.....	1,544	594		
40.00 Budget authority (appropriation).....			1,500	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....		950	2,094	
72.00 Obligated balance, start of period.....	2,352	2,140	2,989	2,103
74.00 Obligated balance, end of period.....	-2,140	-2,989	-2,103	-1,263
90.00 Outlays.....	212	101	2,980	840

The Federal-Aid Highway Act of 1970 authorized \$65 million for the reconstruction of the federally owned section of the Baltimore-Washington Parkway to six lanes. Following reconstruction, the highway will be transferred to the State of Maryland and placed on the Federal-aid primary system. Currently, an environmental impact analysis is being performed and public hearings are being held. Proposals for the provision of additional funding will await the findings from these evaluative processes.

PROJECT ACCELERATION DEMONSTRATION PROGRAM

For necessary expenses to enable the Secretary to conduct demonstration projects authorized by section 141 of the Federal-Aid Highway Act of 1976, \$10,000,000 \$5,000,000, to be derived from the Highway Trust Fund and to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-8026-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Project acceleration demonstration program (program costs, funded).....			2,000	4,200
Change in selected resources (undelivered orders).....			8,000	800
10.00 Total obligations (object class 41.0).....			10,000	5,000
Financing:				
40.00 Budget authority (appropriation).....			10,000	5,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....			10,000	5,000
72.00 Obligated balance, start of period.....				8,000
74.00 Obligated balance, end of period.....			-8,000	-8,800
90.00 Outlays.....			2,000	4,200

The 1976 Highway Act authorized \$25 million to demonstrate the feasibility of reducing the time required to construct a highway project that is necessitated due to changes in population or traffic flow caused by the construction of other Federal projects.

The 1977 appropriations were allocated for an interstate highway interchange near Everett, Pa. An appropriation and program level of \$5,000 thousand is requested for 1978 to complete this project and terminate this specialized, categorical program.

HIGHLAND SCENIC HIGHWAY

Program and Financing (in thousands of dollars)

Identification code 69-8027-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Financing:				
21.40 Unobligated balance available, start of period: Appropriation.....		-15,000	-15,000	
23.00 Unobligated balance transferred to other accounts.....			15,000	
24.40 Unobligated balance available, end of period: Appropriation.....	15,000	15,000		
40.00 Budget authority (appropriation).....	15,000			
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....				
90.00 Outlays.....				

The Federal-Aid Highway Act of 1973 authorized the development and construction as a parkway, the Highland Scenic Highway within West Virginia. In 1976, \$15 million was appropriated to be available until expended. In accordance with the Department of Transportation and Related Agencies Appropriation Act, 1976, and the period ending September 30, 1976 (Public Law 94-134), the funds are being transferred to the National Park Service.

TRUST FUND SHARE OF OTHER HIGHWAY PROGRAMS

Program and Financing (in thousands of dollars)

Identification code 69-8009-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. National scenic and recreational highway.....			4,600	16,800
2. Railroad-highway crossings demonstration projects.....		2,184	6,400	7,300
3. Rail crossings—demonstration projects.....	546	180	910	2,500
4. Rural highway public transportation program.....	159	269	4,200	4,800
Total program costs, funded.....	704	2,633	16,110	31,400

	Change in selected resources (undelivered orders)	4,983	7,870	34,576	10,094
10.00	Total obligations (object class 25.0)	5,687	10,502	50,686	41,494
Financing:					
17.00	Recovery of prior period obligations		-789		
	Unobligated balance available, start of period:				
21.40	Appropriation	-13,430	-18,676	-16,881	-1,495
21.49	Contract authority	-60,000	-60,000	-96,549	-67,916
22.00	Unobligated balance transferred from other accounts				
	Unobligated balance available, end of period:				
24.40	Appropriation	18,676	16,881	1,495	
24.49	Contract authority	60,000	96,549	67,916	56,250
	Budget authority	10,933	31,250	6,667	28,333

Budget authority:					
Current:					
40.00	Appropriation	10,933		20,967	10,633
40.49	Portion applied to liquidate contract authority			-14,300	-7,300
43.00	Appropriation (adjusted)	10,933		6,667	3,333
Permanent:					
69.10	Contract authority (30 Stat. 428)		31,250		25,000

Distribution of budget authority by account:					
	National scenic and recreational highway		31,250		25,000
	Railroad-highway crossings demonstration projects	933		6,667	3,333
	Rural highway public transportation program	10,000			

Distribution of obligations by account:					
	National scenic and recreational highway		247	23,087	36,666
	Railroad-highway crossings demonstration projects	600	6,883	13,935	3,333
	Rail crossings—demonstration projects	600	567	4,013	1,495
	Rural highway public transportation program	5,087	2,017	9,651	

Relation of obligations to outlays:					
71.00	Obligations incurred, net	5,687	9,714	50,686	41,494
	Obligated balance, start of period:				
72.40	Appropriation	6,498	11,042	10,327	43,698
72.49	Contract authority			7,919	9,034
	Obligated balance, end of period:				
74.40	Appropriation	-11,042	-10,327	-43,698	-24,426
74.49	Contract authority		-7,919	-9,034	-38,400
90.00	Outlays	1,143	2,510	16,200	31,400

Distribution of outlays by account:					
	National scenic and recreational highway		4,600		16,800
	Railroad-highway crossings demonstration projects	470	1,357	6,400	7,300
	Rail crossings—demonstration projects	673	725	1,000	2,500
	Rural highway public transportation program		427	4,200	4,800

Status of Unfunded Contract Authority (in thousands of dollars)					
	Unfunded balance, start of period	60,000	60,000	104,468	76,950
	Contract authority		31,250		25,000
	Unfunded balance, transferred from other accounts		13,218		
	Appropriation to liquidate contract authority			-14,300	-7,300
	Appropriation to liquidate contract authority, transferred from other accounts			-13,218	
	Unfunded balance, end of period	60,000	104,468	76,950	94,650

This account reimburses certain parent accounts financed from general funds of the Treasury for the Highway trust fund portion of costs in carrying out the following programs:

- National scenic and recreational highway.**—The Federal-Aid Highway Act of 1973 authorized the construction and reconstruction of the Great River Road by the 10 States bordering the Mississippi River. A single continuous route has been tentatively designated which will run from Lake Itasca in Minnesota to Venice, La.
- Railroad-highway crossings demonstration projects.**—Various legislation authorized demonstration projects in 19 cities for the purpose of protecting or eliminating certain public ground-level rail-highway crossings, relocating railroad lines from central areas, and the construction of overpasses and underpasses.
- Rail crossings—demonstration projects.**—The Federal Aid Highway Act of 1970 authorized two demonstration projects. One project is to eliminate public ground-level rail-highway crossings along the route of the Northeast corridor high-speed rail line between Washington, D.C.,

and Boston, Mass. The other project is to eliminate or protect certain rail-highway crossings in the vicinity of Greenwood, S.C. and to relocate rail lines bisecting the town proper.

4. **Rural highway public transportation program.**—The Federal-Aid Highway Act of 1973 authorized demonstration projects for encouraging the development, improvement, and use of public mass transit systems operating vehicles within rural areas.

HIGHWAY SAFETY RESEARCH AND DEVELOPMENT

For necessary expenses in carrying out provisions of title 23, United States Code, to be derived from the Highway Trust Fund, \$9,000,000, to remain available until expended. (23 U.S.C. 307(a), 403; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

	Identification code 69-8017-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:					
	Highway safety research and development (program costs, funded)	3,298	-2,759	8,000	10,400
	Change in selected resources (undelivered orders)		8,481	3,229	-1,400
10.00	Total obligations (object class 25.0)	3,298	5,723	11,229	9,000
Financing:					
	Unobligated balance available, start of period		-5,702	-2,229	
24.00	Unobligated balance available, end of period	5,702	2,229		
40.00	Budget authority (appropriation)	9,000	2,250	9,000	9,000
Relation of obligations to outlays:					
71.00	Obligations incurred, net	3,298	5,723	11,229	9,000
72.00	Obligated balance, start of period	8,685	3,298	11,779	15,009
74.00	Obligated balance, end of period	-3,298	-11,779	-15,009	-13,669
90.00	Outlays	8,685	-2,759	8,000	10,400

This appropriation, established in 1975, seeks to identify, correct, and evaluate those critical elements which contribute to loss of life, disabling injuries, and property damage on American highways. The emphasis of research is to provide workable and timely solutions to a set of critical safety problems. A program level of \$9.0 million is planned for 1978 to meet the demands for solutions to urgent safety problems such as traffic management in construction and maintenance zones and new longer range initiatives in safety hardware, driver aids, and measuring system performance.

Funds appropriated for this account are transferred to the general operating expenses limitation where the program is administered in conjunction with other research and development programs of the Federal Highway Administration.

OVERSEAS HIGHWAY

For necessary expenses for construction of the Overseas Highway in accordance with the provisions of section 118, "Federal-Aid Highway Amendments of 1974", to remain available until expended, [\$12,500,000] \$8,000,000, to be derived from the "Highway Trust Fund". (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

	Identification code 69-8021-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activity:					
	Overseas Highway (program costs, funded)			4,650	8,250
	Change in selected resources (undelivered orders)	500	348	8,002	-250
10.00	Total obligations (object class 41.0)	500	348	12,652	8,000

OVERSEAS HIGHWAY—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-8021-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Financing:				
21.00 Unobligated balance available, start of period.....	-500	-500	-152	-----
24.00 Unobligated balance available, end of period.....	500	152	-----	-----
40.00 Budget authority (appropriation).....	500	-----	12,500	8,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	500	348	12,652	8,000
72.00 Obligated balance, start of period.....	-----	500	848	8,850
74.00 Obligated balance, end of period.....	-500	-848	-8,850	-8,600
90.00 Outlays.....	-----	-----	4,650	8,250

The Federal-Aid Highway Amendments of 1974 authorized 70% Federal grant assistance for reconstruction or replacement of 37 two-lane bridges on the "Overseas Highway". This 110-mile highway is the ground transportation link between Key West and Key Largo in the State of Florida.

An appropriation of \$8,000 thousand is requested for this program in 1978. An additional \$8,000 thousand is expected to be available from priority primary funds, a separate authorization within the Federal-Aid highway account. This request is contingent upon the State of Florida financing all costs for the Long Key and Seven Mile Bridges from sources other than this appropriation.

HIGHWAY TRUST FUND

Amounts Available for Appropriation (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Unexpended balance brought forward.....	9,597,390	9,076,650	9,008,523	10,220,948
Balance in expenditure accounts.....	-61,567	-46,173	-56,647	-50,948
Appropriation balance.....	-93,165	-586,872	-202,981	-903,933
Unappropriated balance, start of period.....	9,442,658	8,443,605	8,748,895	9,266,067
Receipts (net): Existing legislation.....	5,999,864	1,689,433	7,265,000	7,520,000
Total available for appropriation.....	15,442,522	10,133,038	16,013,895	16,786,067
Appropriations:				
Federal Highway Administration:				
Federal-aid highways (liquidation of contract authority).....	6,833,800	1,348,950	6,528,100	6,100,000
Right-of-way revolving fund (liquidation of contract authority).....	20,000	5,000	35,000	32,700
Highway safety research and development.....	9,000	2,250	9,000	9,000
Overseas Highway.....	500	-----	12,500	8,000
Baltimore-Washington Parkway.....	-----	-----	1,500	-----
Project acceleration demonstration program.....	-----	-----	10,000	5,000
Highway-related safety grants.....	11,700	3,000	20,320	20,000
Trust fund share of other highway programs:				
Appropriation.....	10,933	-----	6,667	3,333
Liquidation of contract authority.....	-----	-----	14,300	7,300
National Park Service: Highland Scenic Highway.....	15,000	-----	-----	-----
National Highway Traffic Safety Administration: Trust fund share of highway safety programs:				
Appropriation.....	28,984	6,300	27,081	28,017
Liquidation of contract authority.....	69,000	19,500	83,360	122,200
Total appropriations.....	6,998,917	1,385,020	6,747,828	6,335,550
Appropriation lapsing: Trust fund share of highway safety programs.....	-----	877	-----	-----
Unexpended balance, end of period.....	9,076,650	9,008,523	10,220,948	10,576,058
Balance in expenditure accounts.....	-46,173	-56,647	-50,948	-50,948
Appropriated balance.....	-586,872	-202,981	-903,933	-75,483
Unappropriated balance, end of period.....	8,443,605	8,748,895	9,266,067	10,450,517

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):

	1976 act.	TQ act.	1977 est.	1978 est.
Unexpended balance brought forward:				
U.S. securities (par).....	9,535,823	9,030,477	8,951,876	10,170,000
Cash.....	61,567	46,173	56,647	50,948
Balance of fund at start of period.....	9,597,390	9,076,650	9,008,523	10,220,948
Cash income during the year:				
Governmental receipts: From excise taxes:				
Gasoline tax.....	4,027,989	1,117,782	4,428,000	4,583,000
Truck, bus, and trailer taxes.....	219,229	50,171	587,000	547,000
Tire, innertube, and tread rubber taxes.....	594,240	225,488	831,000	866,000
Diesel fuel taxes.....	346,509	115,770	457,000	483,000
Lubricating oil taxes.....	83,106	26,068	119,000	123,000
Use tax on certain vehicles.....	209,271	109,877	254,000	265,000
Truck parts and accessories tax.....	115,841	39,427	151,000	166,000
Transfers to land and water conservation fund.....	-31,000	-8,000	-33,000	-34,000
Refund of taxes.....	-152,035	-522	-134,000	-148,000
Intrabudgetary transactions:				
Interest on investments.....	586,671	13,372	605,000	663,000
Miscellaneous interest.....	43	-----	-----	-----
Total annual income.....	5,999,864	1,689,433	7,265,000	7,520,000
Cash outgo during the period:				
Federal Highway Administration appropriations:				
Federal-aid highways (liquidation of contract authority).....	6,377,001	1,714,388	5,840,000	6,884,000
Right-of-way revolving fund (liquidation of contract authority).....	21,838	9,220	35,800	32,700
Trust fund share of other highway programs:				
Appropriation.....	1,143	2,510	11,600	14,600
Liquidation of contract authority.....	-----	-----	4,600	16,800
Highway-related safety grants.....	11,700	3,000	20,000	20,000
Project acceleration demonstration program.....	-----	-----	2,000	4,200
Baltimore-Washington Parkway.....	212	101	2,980	840
Highway Safety research and development.....	8,685	-2,759	8,000	10,400
Overseas highway.....	-----	-----	4,650	8,250
National Park Service: Highland Scenic Highway.....	-----	-----	2,600	8,100
National Highway Traffic Safety Administration: Trust fund share of highway safety programs:				
Appropriation.....	31,060	7,876	21,345	36,200
Liquidation of contract authority.....	68,965	23,224	99,000	128,800
Total annual outgo.....	6,520,603	1,757,560	6,052,575	7,164,890
Unexpended balance carried forward:				
U.S. securities (par).....	9,030,477	8,951,876	10,170,000	10,526,000
Cash.....	46,173	56,647	50,948	50,958
Balance of fund at end of period.....	9,076,650	9,008,523	10,220,948	10,576,058

MISCELLANEOUS TRUST FUNDS

Program and Financing (in thousands of dollars)

Identification code 69-9971-0-7-151	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Cooperative work, forest highways.....	712	196	1,105	1,000
2. Equipment, supplies, etc., for cooperating countries.....	3,181	534	2,615	-----
3. Technical assistance, U.S. dollars advanced from foreign governments.....	3,822	321	3,079	6,000
4. Contributions for highway research programs.....	30	113	2,690	100
5. Advances from State cooperating agencies.....	24	8	115	100
Total program costs, funded.....	7,769	1,172	9,605	7,200
Change in selected resources (undelivered orders).....	-4,368	1,467	-1,955	-----
10.00 Total obligations.....	3,402	2,639	7,650	7,200
Financing:				
17.00 Recovery of prior period obligations.....	-----	-----	-6	-----
Unobligated balance available, start of period:				
21.40 Appropriation.....	-2,526	-2,999	-983	-----
21.49 Contract authority.....	-1,285	-143	-198	-----
Unobligated balance available, end of period:				
24.40 Appropriation.....	2,999	983	-----	-----
24.49 Contract authority.....	143	198	-----	-----
25.40 Unobligated balance lapsing.....	-----	309	-----	-----
Budget authority.....	2,731	982	6,469	7,200

Budget authority:					
Permanent:					
60.00	Appropriation	7,295	2,111	7,854	7,200
60.49	Portion applied to liquidate contract authority	-5,417	-1,220	-1,385	
63.00	Appropriation (adjusted)	1,878	892	6,469	7,200
69.10	Contract authority (23 U.S.C. 112, 120(8), 204; 64 Stat. 204-209)	853	90		
Distribution of budget authority by account:					
Cooperative work, forest highways					
	Equipment, supplies, etc. for cooperating countries	738	96	779	1,000
	Technical assistance, U.S. dollars advanced from foreign governments	353	-6	50	
	Contributions for highway research programs	1,342	525	5,512	6,000
	Advances from State cooperating agencies	604	367	63	100
		-306		65	100
Distribution of obligations by account:					
Cooperative work, forest highways					
	Equipment, supplies, etc., for cooperating countries	753	-12	1,000	1,000
	Technical assistance, U.S. dollars advanced from foreign governments	352	-6	50	
	Contributions for highway research programs	2,272	325	6,000	6,000
	Advances from State cooperating agencies	12	2,303	500	100
		11	23	100	100
Relation of obligations to outlays:					
71.00	Obligations incurred, net	3,402	2,633	7,650	7,200
	Obligated balance, start of period:				
72.40	Appropriation	2,057	1,236	3,817	3,000
72.49	Contract authority	5,794	2,372	1,187	
	Obligated balance, end of period:				
74.40	Appropriation	-1,236	-3,817	-3,000	-3,000
74.49	Contract authority	-2,372	-1,187		
90.00	Outlays	7,644	1,237	9,654	7,200
Distribution of outlays by account:					
Cooperative work, forest highways					
	Equipment, supplies, etc., for cooperating countries	692	206	1,153	1,000
	Technical assistance, U.S. dollars advanced from foreign governments	3,141	568	2,615	
	Contributions for highway research programs	3,757	344	3,079	6,000
	Advances from State cooperating agencies	30	111	2,692	100
		24	8	115	100
Status of Unfunded Contract Authority (in thousands of dollars)					
	Unfunded balance, start of period	7,079	2,515	1,385	
	Contract authority	853	90		
	Appropriation to liquidate contract authority	-5,417	-1,220	-1,385	
	Unfunded balance, end of period	2,515	1,385		

1. *Cooperative work, forest highways.*—Contributions are received from States and counties in connection with cooperative engineering, survey, maintenance and construction projects for forest highways.

2. *Equipment, supplies, et cetera, for cooperating countries.*—In connection with the construction of the Darien Gap Highway, the Federal Highway Administration acts as agent for Panama and Colombia in purchasing equipment, supplies, and services.

3. *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, Iran, Panama, and Kuwait.

4. *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.

5. *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.

Object Classification (in thousands of dollars)					
Identification code 69-9971-0-7-151					
	1976 act.	TQ act.	1977 est.	1978 est.	
Personnel compensation:					
11.1	Permanent positions	516	149	645	650
11.3	Positions other than permanent		1	2	2
11.5	Other personnel compensation	56	17	70	75
Total personnel compensation					
12.1	Personnel benefits: Civilian	572	167	717	727
21.0	Travel and transportation of persons	116	16	187	238
22.0	Transportation of things	75	14	120	130
23.2	Rent, communications, and utilities: Other rent, communications, and utilities	95	16	168	203
24.0	Printing and reproduction	18		25	28
25.0	Other services	1		2	2
26.0	Supplies and materials	563	133	600	620
31.0	Equipment	8	2	11	14
32.0	Lands and structures	900	4	1,100	1,200
42.0	Insurance claims and indemnities	1,051	2,287	4,720	4,038
		2			
99.0	Total obligations	3,402	2,639	7,650	7,200

Personnel Summary				
Total number of permanent positions	37		37	37
Full-time equivalent of other positions	0		0	0
Average paid employment	16		19	19
Average GS grade	13.50		13.50	13.50
Average GS salary	\$25,426		\$27,135	\$27,135

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, to remain available until expended, **[\$35,000,000]** \$32,700,000, to be derived from the "Highway Trust Fund" at such times and in such amounts as may be necessary to meet current withdrawals. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)					
Identification code 69-8402-0-8-404					
	1976 act.	TQ act.	1977 est.	1978 est.	
Program by activities:					
Advance acquisition of right-of-way (program costs, funded)					
		9,220	35,800	32,700	
Change in selected resources (undelivered orders)					
	32,642	10,040	-35,142	-32,700	
10.00	Total obligations (object class 33.0)	32,642	19,261	657	
Financing:					
21.49	Unobligated balance available, start of period: Contract authority	-52,561	-19,918	-657	
24.49	Unobligated balance available, end of period: Contract authority	19,918	657		
Budget authority					
Budget authority:					
40.00	Appropriation	20,000	5,000	35,000	32,700
40.49	Portion applied to liquidate contract authority	-20,000	-5,000	-35,000	-32,700
43.00	Appropriation (adjusted)				
Relation of obligations to outlays:					
71.00	Obligations incurred, net	32,642	19,261	657	
Obligated balance, start of period:					
72.49	Contract authority	92,439	105,082	119,343	85,000
72.98	Fund balance	16,932	15,094	10,874	10,074
Obligated balance, end of period:					
74.49	Contract authority	-105,082	-119,343	-85,000	-52,300
74.98	Fund balance	-15,094	-10,874	-10,074	-10,074
90.00	Outlays	21,838	9,220	35,800	32,700
Status of Unfunded Contract Authority (in thousands of dollars)					
	Unfunded balance, start of period	145,000	125,000	120,000	85,000
	Appropriation to liquidate contract authority	-20,000	-5,000	-35,000	-32,700
	Unfunded balance, end of period	125,000	120,000	85,000	52,300

The Federal-Aid Highway Act of 1968 authorized \$300 million for the establishment of a right-of-way revolving fund. This fund is utilized to make cash advances to the States for the purpose of purchasing right-of-way parcels in advance of highway construction and thereby preventing the inflation of land prices from causing a significant increase in construction costs.

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

The initial legislation for this program required the States to construct the highway and reimburse the revolving fund within 7 years from the date of the advance. The 1973 Highway Act extended the required time limit on construction to 10 years and the 1976 Highway Act extended the time limit indefinitely, if deemed necessary by the Secretary.

In 1978, obligations will be made to the extent of States reimbursements to the revolving fund.

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Advances for acquisition of right-of-way program: Expenses.....	21,838	9,220	35,800	32,700
Net operating loss.....	21,838	9,220	35,800	32,700

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Advances (loans).....	138,068	159,906	169,126	204,926	237,626
Due from highway trust fund.....	16,932	15,094	10,874	10,074	10,074
Total assets.....	155,000	175,000	180,000	215,000	247,700
Government equity:					
Non-interest-bearing capital:					
Undisbursed loan obligations.....	109,371	120,176	130,216	95,074	62,374
Unobligated balance.....	52,561	19,918	657		
Contract authority.....	-145,000	-125,000	-120,000	-85,000	-52,300
Invested capital.....	138,068	159,906	169,126	204,926	237,626
Total Government equity.....	155,000	175,000	180,000	215,000	247,700
Analysis of changes in Government equity:					
Non-interest-bearing capital:					
Start of period.....	155,000	175,000	180,000	215,000	
Appropriation.....	20,000	5,000	35,000	32,700	
Total Government equity, end of period.....	175,000	180,000	215,000	247,700	

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

The programs administered by the National Highway Traffic Safety Administration are authorized by three separate laws: the National Traffic and Motor Vehicle Safety Act; the Highway Safety Act; and the Motor Vehicle Information and Cost Savings Act. The following table shows the funding for NHTSA programs administered under each act (in thousands of dollars):

	1976 act.	TQ act.	1977 est.	1978 est.
Budget authority:				
Traffic and highway safety appropriation:				
Traffic and motor vehicle safety programs.....	38,233	10,421	42,132	45,323
Highway safety research and development.....	28,794	6,267	26,761	28,017
Automotive fuel economy and consumer information.....	973	312	7,391	10,200
State and community highway safety (contract authority).....	56,500	125,750	15,000	152,000
Total budget authority.....	124,500	142,750	91,284	235,540
Obligations:				
Highway safety grant program.....	100,939	25,108	129,000	129,000
Basic grants (87,843).....	(87,843)	(25,108)	(114,000)	(114,000)
Incentive grants.....	(13,096)		(15,000)	(15,000)
Traffic and highway safety.....	57,705	23,918	89,650	83,540
Gifts and donations.....			11	
Total obligations.....	158,644	49,026	218,661	212,540

Outlays:

	1976 act.	TQ act.	1977 est.	1978 est.
Traffic and highway safety appropriation:				
Traffic and motor vehicle safety programs.....	32,843	7,761	52,653	46,332
Highway safety research and development.....	31,060	7,876	21,345	36,200
Automotive fuel economy and consumer information.....	9,668	1,350	7,700	11,150
Gifts and donations.....			11	
Subtotal, outlays.....	73,571	16,987	81,709	93,682
State and community highway safety appropriation.....	77,714	21,032	100,000	130,000
Total outlays.....	151,285	38,019	181,709	223,682

Federal Funds

General and special funds:

TRAFFIC AND HIGHWAY SAFETY*

* See Part III for additional information.

For expenses necessary to discharge the functions of the Secretary with respect to traffic and highway safety and functions under the Motor Vehicle Information and Cost Savings Act (Public Law 92-513, as amended), **[\$72,326,000]** **\$83,540,000**, of which **[\$26,746,000]** **\$28,017,000** shall be derived from the Highway Trust Fund: *Provided*, That not to exceed **[\$29,876,000]** **\$36,844,000** shall remain available until expended, of which **[\$8,616,000]** **\$8,922,000** shall be derived from the Highway Trust Fund [for contractual requirements of Research and Analysis activities]. (80 Stat. 416; 86 Stat. 947; 88 Stat. 1470; 89 Stat. 901; 90 Stat. 815; 90 Stat. 981; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0650-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Motor vehicle programs.....	8,194	2,473	11,802	10,363
2. Traffic safety programs.....	19,451	5,127	23,748	17,861
3. Research and analysis.....	23,794	7,648	32,281	39,652
4. Automotive fuel economy and consumer information.....	9,111	2,456	5,058	2,488
5. Engineering facility.....	2	44	475	500
6. General administration.....	11,672	4,006	12,357	11,048
Total program costs, funded.....	72,224	21,754	85,221	81,912
Change in selected resources (undelivered orders).....	-10,369	3,308	5,729	5,928
10.00 Total obligations.....	61,855	25,062	90,950	87,840
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-378	-28		-33
13.00 Trust funds.....	-25,918	-10,323	-33,383	-31,784
14.00 Non-Federal funds.....	-521	-51	-500	-500
21.00 Unobligated balance available, start of period.....	-11,266	-15,245	-10,864	
24.00 Unobligated balance available, end of period.....	15,245	10,864		
25.00 Unobligated balance lapsing.....		400		
Budget authority.....	39,016	10,680	46,203	55,523
Budget authority:				
40.00 Appropriation.....	39,016	10,680	45,580	55,523
44.20 Supplemental now requested for civilian pay raises.....			623	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	35,038	14,660	57,067	55,523
72.00 Obligated balance, start of period.....	27,269	20,017	24,880	22,344
74.00 Obligated balance, end of period.....	-20,017	-24,880	-22,344	-22,485
77.00 Adjustments in expired accounts.....	221	-686		
90.00 Outlays, excluding pay raise supplemental.....	42,511	9,111	59,011	55,351
91.20 Outlays from civilian pay raise supplemental.....			592	31

1. *Motor vehicle programs.*—This activity encompasses the development, promulgation, enforcement, and evaluation of safety standards for new and used motor vehicles, tires, and equipment. Compliance evaluations and defect 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. Additional funds in 1978 will: meet the increased costs required for basic compliance testing; provide sophisticated testing for newer motor vehicle safety standards; and increase emphasis on the evaluation of the effectiveness of present safety standards.

2. *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 programs and to conduct demonstration projects. The 1978 budget reflects increased emphasis on programs to deal with youth involvement in highway accidents and to improve State traffic records systems.

3. *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 performance characteristics and crashes causing death or personal injury. The 1978 programs provide for continuation of efforts to improve the accident causation data base; and fabrication, test, and evaluation of research safety vehicles.

4. *Automotive fuel economy and consumer information.*—Pursuant to title V of the Motor Vehicle Information and Cost Savings Act, as amended, the automotive fuel economy subactivity will provide leadership in the administration of mandatory automotive fuel economy standards. The 1978 programs for automotive fuel economy will assess current automotive technology, determine effects of standards on fuel economy and perform systems, and economic and market analysis.

5. *Engineering facility.*—This activity provides the in-house testing capability that is needed to support rapid evaluation of petitions for vehicle safety defect enforcement actions in conformance with the School Bus Safety Amendments of 1974.

6. *General administration.*—This activity provides for executive direction, coordination, and implementation. Basic administrative and support requirements for all safety programs are also provided in this category. Additional funds are needed in 1978 to meet the cost of providing day-to-day operating expenses and to improve program evaluation capability.

Object Classification (in thousands of dollars)

Identification code 69-0650-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	17,314	4,545	19,725	20,305
11.3 Positions other than permanent.....	609	169	600	600
11.5 Other personnel compensation.....	215	47	250	250
Total personnel compensation.....	18,138	4,761	20,575	21,155
12.1 Personnel benefits: Civilian.....	1,677	478	1,911	1,969
21.0 Travel and transportation of persons.....	870	208	980	1,020
22.0 Transportation of things.....	111	43	125	125
Rent, communications, and utilities:				
23.1 Standard level user charges.....	1,339	345	1,558	1,852
23.2 Other rent, communications, and utilities.....	1,177	203	1,112	1,120
24.0 Printing and reproduction.....	961	106	960	1,020
25.0 Other services.....	35,961	17,748	62,744	58,585
26.0 Supplies and materials.....	539	108	539	547
31.0 Equipment.....	1,084	1,062	446	447
99.0 Total obligations.....	61,855	25,062	90,950	87,840

Personnel Summary

Total number of permanent positions.....	881	918	918
Full-time equivalent of other positions.....	45	45	45
Average paid employment.....	816	899	924
Average GS grade.....	10.88	10.81	10.81
Average GS salary.....	\$22,216	\$23,287	\$22,687

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, sections 402 and 406, to remain available until expended, **[\$88,500,000, of which \$83,360,000 shall]** \$122,200,000, to be derived from the Highway Trust Fund. (80 Stat. 731; 90 Stat. 451, 452; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0651-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
State and community grants:				
1. Basic program.....	64,372	18,483	79,300	115,400
2. Incentive grants.....	5,303	1,572	17,400	17,300
3. Administration of grant program.....	3,300	825	3,300	3,300
Total program costs, funded.....	72,975	20,880	100,000	136,000
Change in selected resources (undelivered orders).....	27,964	4,228	29,000	-7,000
10.00 Total obligations.....	100,939	25,108	129,000	129,000
Financing:				
13.00 Offsetting collections from: Trust funds.....	-99,609	-24,654	-127,893	-127,860
Unobligated balance available, start of period:				
21.40 Appropriation.....				-2,200
21.49 Contract authority.....	-3,871	-2,540	-3,307	
Unobligated balance available, end of period:				
24.40 Appropriation.....			2,200	2,200
24.49 Contract authority.....	2,540	3,307		
Budget authority.....	1,220	1,220	1,140	1,140
Budget authority:				
Current:				
40.00 Appropriation.....	2,000	500	5,140	1,140
40.49 Portion applied to liquidate contract authority.....	-2,000	-500	-5,140	
43.00 Appropriation (adjusted).....				1,140
Permanent:				
69.10 Contract authority (87 Stat. 282).....		1,220		
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	1,330	454	1,107	1,140
Obligated balance, start of period:				
72.40 Appropriation.....	6,853	104	2,796	3,866
72.49 Contract authority.....	1,679	1,009	963	
Obligated balance, end of period:				
74.40 Appropriation.....	-104	-2,796	-3,866	-3,805
74.49 Contract authority.....	-1,009	-963		
90.00 Outlays.....	8,749	-2,192	1,000	1,200

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of period.....	5,550	3,550	4,270	
Cash in excess of contract authority, start of period.....				-870
Contract authority.....		1,220		
Appropriation to liquidate contract authority.....	-2,000	-500	-5,140	
Cash in excess of contract authority, end of period.....			870	870
Unfunded balance, end of period.....	3,550	4,270		

Under the State and community highway safety program, Federal grants are provided to assist the States and their political subdivisions in the establishment and improvement of highway safety programs. A total of \$129 million is planned for NHTSA's highway safety programs in 1978, the same level as for 1977.

The 1978 State and community highway safety grant program contemplates the following two distinct elements:

1. *Basic grants.*—\$114 million is provided to carry out safety programs in the States such as driver licensing, motor vehicle registration, traffic records, police traffic services, driver education, school bus driver training, and the administration of grant programs. Individual States are utilizing this funding in areas which have the greatest potential for achieving safety improvements and reducing traffic fatalities and accidents at the State and local level.

General and special funds—Continued

STATE AND COMMUNITY HIGHWAY SAFETY (LIQUIDATION OF CONTRACT AUTHORIZATION)—Continued

Activities are centered largely in efforts that will: control the drinking driver; increase the intensity of traffic law enforcement; continue enforcement of the 55 mph national speed limit; improve the quality and availability of emergency medical services; and improve program management. The 1978 program will also seek: (1) upgrading of the planning and evaluative capabilities of State highway safety agencies, and (2) joint Federal/State participation in identification of high payoff programs.

2. *Incentive grants.*—In 1978, \$15 million for incentive grants will be provided to those States which have achieved specified reductions in their actual fatalities or traffic fatality rate, in accordance with criteria established by the Secretary for identifying recipients that have made the most significant progress in highway safety.

Object Classification (in thousands of dollars)				
Identification code 69-0651-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
25.0 Other services.....	3,300	825	3,300	3,300
41.0 Grants, subsidies, and contributions.....	97,639	24,283	125,700	125,700
99.0 Total obligations.....	100,939	25,108	129,000	129,000

Trust Funds

TRUST FUND SHARE OF HIGHWAY SAFETY PROGRAMS

Program and Financing (in thousands of dollars)

Identification code 69-8016-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. State and community grants.....	83,087	20,301	90,752	141,640
2. Highway safety research and development.....	22,667	10,028	29,583	28,017
Total program costs, funded.....	105,754	30,329	120,335	169,657
Change in selected resources (undelivered orders).....	16,522	3,583	37,141	-13,780
10.00 Total obligations (object class 25.0)...	122,276	33,912	157,476	155,877
Financing:				
Unobligated balance available, start of period:				
21.40 Appropriation.....	-	-6,317	-2,502	-
21.49 Contract authority.....	-262,489	-219,381	-272,223	-159,330
Unobligated balance available, end of period:				
24.40 Appropriation.....	6,317	2,502	-	-
24.49 Contract authority.....	219,381	272,223	159,330	182,330
Unobligated balance lapsing:				
Appropriation.....				
25.40 Appropriation.....	-	877	-	-
25.49 Contract authority.....	-	47,034	-	-
Budget authority.....	85,484	130,850	42,081	178,877
Budget authority:				
Current:				
40.00 Appropriation.....	97,984	25,820	110,106	150,217
40.49 Portion applied to liquidate contract authority.....	-69,000	-19,500	-83,360	-122,200
43.00 Appropriation (adjusted).....	28,984	6,320	26,746	28,017
44.20 Supplemental now requested for civilian pay raises.....	-	-	335	-
Permanent:				
69.10 Contract authority (90 Stat. 451, 452).....	56,500	125,750	15,000	150,860
Contract authority (90 Stat. 451, 452).....	-	-1,220	-	-
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	122,276	33,912	157,476	155,877
Obligated balance, start of period:				
72.40 Appropriation.....	51,570	43,213	40,871	33,469
72.49 Contract authority.....	46,382	76,990	82,144	126,677
Obligated balance, end of period:				
74.40 Appropriation.....	-43,213	-40,871	-33,469	-18,686
74.49 Contract authority.....	-76,990	-82,144	-126,677	-132,337

90.00 Outlays, excluding pay raise supplemental.....	100,025	31,100	120,010	165,000
91.20 Outlays from civilian pay raise supplemental.....	-	-	335	-

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of period.....	308,871	296,371	354,367	286,007
Contract authority.....	56,500	125,750	15,000	150,860
Contract authority.....	-	-1,220	-	-
Unobligated balance of contract authority lapsing.....	-	-47,034	-	-
Appropriation to liquidate contract authority.....	-69,000	-19,500	-83,360	-122,200
Unfunded balance, end of period.....	296,371	354,367	286,007	314,687

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

GIFTS AND DONATIONS

Program and Financing (in thousands of dollars)

Identification code 69-8548-0-7-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Y.O.U.T.H.S.....	-	-	-	1
2. Automotive safety education fund.....	-	-	-	10
10.00 Total program costs, funded—obligations (object class 25.0).....	-	-	-	11
Financing:				
21.00 Unobligated balance available, start of period:				
24.00 Unobligated balance available, end of period.....	11	11	-	-
Budget authority.....	11	11	-	-
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-	-	11	-
90.00 Outlays.....	-	-	11	-

Donations received are available for transportation activities.

FEDERAL RAILROAD ADMINISTRATION

The following table, in millions of dollars, depicts the level of all Federal Railroad Administration programs, the details of which (with the exception of loan guarantees) are in the budget schedules:

PROGRAM	1976	TQ	1977	1978
Office of the Administrator.....	6	1	7	7
Railroad safety.....	18	4	20	21
Railroad research and development.....	64	16	53	57
Rail service assistance.....	404	15	83	88
Guarantee of additional USRA obligations.....	-	6	4	3
Northeast Corridor improvement.....	25	25	150	400
Railroad rehabilitation and improvement:				
Purchase of redeemable preference shares.....	-	-	70	100
Loan guarantees.....	-	-	400	400
Emergency Rail Services Act (loan guarantees).....	-	6	10	2
Alaska Railroad.....	9	-	6	3
Subtotal FRA.....	526	73	803	1,081
National Railroad Passenger Corp. (Amtrak):				
Grants.....	471	130	623	617
Loan guarantees.....	262	36	-43	219
Subtotal Amtrak.....	733	166	580	836
Total program.....	1,259	239	1,383	1,917

Federal Funds

General and special funds:

OFFICE OF THE ADMINISTRATOR

For necessary expenses of the Federal Railroad Administration, not otherwise provided for, **[\$6,300,000]** \$7,050,000. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0700-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
General management and administration, direct program.....	5,821	1,696	6,570	7,050
General management and administration, reimbursable program.....	72			
10.00 Total program costs, funded—obligations.....	5,893	1,696	6,570	7,050
Financing:				
11.00 Offsetting collections from: Federal funds.....	-72			
21.00 Unobligated balance available, start of period.....		-254		
24.00 Unobligated balance available, end of period.....	254			
25.00 Unobligated balance lapsing.....		14		
Budget authority.....	6,075	1,456	6,570	7,050
Budget authority:				
40.00 Appropriation.....	6,075	1,456	6,300	7,050
44.20 Supplemental now requested for civilian pay raises.....			270	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	5,821	1,696	6,570	7,050
72.00 Obligated balance, start of period.....	857	694	984	1,044
74.00 Obligated balance, end of period.....	-694	-984	-1,044	-1,109
77.00 Adjustments in expired accounts.....	-35	-12		
90.00 Outlays, excluding pay raise supplemental.....	5,949	1,394	6,250	6,975
91.20 Outlays from civilian pay raise supplemental.....			260	10

This provides for salaries and related expenses of the immediate office of the Administrator and those staff offices providing general administrative support and direction to the Federal Railroad Administration in the major fields of railroad safety; railroad research and development; rail service assistance; Northeast Corridor improvement programs; the Alaska Railroad; and implementation of parts of the Regional Rail Reorganization Act of 1973, and the Railroad Revitalization and Regulatory Reform Act of 1976.

Object Classification (in thousands of dollars)

Identification code 69-0700-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	3,312	960	3,740	3,757
11.3 Positions other than permanent.....	303	114	360	400
11.5 Other personnel compensation.....	70	20	90	78
Total personnel compensation.....	3,685	1,094	4,190	4,235
12.1 Personnel benefits: Civilian.....	332	96	410	356
21.0 Travel and transportation of persons.....	176	54	200	214
22.0 Transportation of things.....	12			
Rent, communications, and utilities:				
23.1 Standard level user charges.....	132	32	258	443
23.2 Other rent, communications, and utilities.....	173	18	182	197
24.0 Printing and reproduction.....	80	20	90	100
25.0 Other services.....	1,087	301	1,100	1,350
26.0 Supplies and materials.....	48	24	50	65
31.0 Equipment.....	96	57	90	90
Total direct obligations.....	5,821	1,696	6,570	7,050
Reimbursable obligations:				
11.1 Personnel compensation: Permanent positions.....	33			
12.1 Personnel benefits: Civilian.....	7			
21.0 Travel and transportation of persons.....	21			
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	11			
Total reimbursable obligations.....	72			
99.0 Total obligations.....	5,893	1,696	6,570	7,050

Personnel Summary

Direct:				
Total number of permanent positions.....	184		182	189
Full-time equivalent of other positions.....	28		29	30
Average paid employment.....	190		196	213
Average GS grade.....	9.92		10.11	10.03
Average GS salary.....	\$18,121		\$19,486	\$19,569
Average salary of ungraded positions.....	\$12,605		\$12,605	\$12,605
Reimbursable:				
Total number of permanent positions.....	2			
Average paid employment.....	2			
Average GS grade.....	11.00			
Average GS salary.....	\$23,787			

RAILROAD SAFETY

For necessary expenses in connection with railroad safety, not otherwise provided for, **[\$19,300,000]** \$20,960,000, of which **[\$5,000,000]** \$6,000,000 shall remain available until expended.

[GRANTS-IN-AID FOR RAILROAD SAFETY]

[For grants-in-aid to carry out a railroad safety program \$1,000,000, to remain available until expended.] (80 Stat. 931; 84 Stat. 571; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0702-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Safety inspection and administration.....	11,327	3,625	13,810	14,960
2. Automated track inspection program.....	4,120	942	5,000	5,000
3. Grants-in-aid for railroad safety.....	613	68	2,585	2,840
10.00 Total obligations.....	16,050	4,635	21,395	22,800
Financing:				
21.00 Unobligated balance available, start of period.....	-2,231	-4,131	-3,425	-1,840
24.00 Unobligated balance available, end of period.....	4,131	3,425	1,840	
25.00 Unobligated balance lapsing.....		546		
Budget authority.....	17,950	4,475	19,810	20,960
Budget authority:				
40.00 Appropriation.....	17,950	4,475	19,300	20,960
44.20 Supplemental now requested for civilian pay raises.....			510	
Distribution of budget authority by account:				
Railroad safety.....	16,450	4,100	18,810	20,960
Grants-in-aid for railroad safety.....	1,500	375	1,000	
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	16,050	4,635	21,395	22,800
72.00 Obligated balance, start of period.....	3,984	5,103	5,942	7,902
74.00 Obligated balance, end of period.....	-5,103	-5,942	-7,902	-9,342
77.00 Adjustments in expired accounts.....	-27	-8		
90.00 Outlays, excluding pay raise supplemental.....	14,904	3,788	18,950	21,335
91.20 Outlays from civilian pay raise supplemental.....			485	25
Distribution of outlays by account:				
Railroad safety.....	14,697	3,778	17,635	21,360
Grants-in-aid for railroad safety.....	207	10	1,800	

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 principal objective under this program is to reduce accidents through effective investigation and enforcement of Federal railroad safety laws and regulations. The growth in this program in 1978 reflects an increase in data processing activities, and the development of a planning and evaluation activity to establish Federal Railroad Administration program priorities and review the effectiveness of those programs. In addition, the grants-in-aid for Railroad safety appropriation will be merged into the Railroad safety appropriation in 1978. Under the grants-in-aid activity, States are assisted in paying salaries and expenses incurred by State safety inspectors as authorized by section 206 of the Railroad Safety Act of 1970. The 1978 appropriation will permit States to hire up to 180 safety inspectors, who will aid the Federal Railroad Administration in the enforcement of Federal safety standards.

Object Classification (in thousands of dollars)

Identification code 69-0702-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	6,975	1,880	8,300	8,600
11.3 Positions other than permanent.....	189	76	240	305
11.5 Other personnel compensation.....	29	5	60	60
Total personnel compensation.....	7,193	1,961	8,600	8,965

General and special funds—Continued

RAILROAD SAFETY—Continued

Object Classification (in thousands of dollars)—Continued

Identification code 69-0702-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
12.1 Personnel benefits: Civilian.....	726	206	800	870
21.0 Travel and transportation of persons.....	1,320	303	1,339	1,600
22.0 Transportation of things.....	21	12	65	70
Rent, communications, and utilities:				
23.1 Standard level user charges.....	471	117	593	700
23.2 Other rent, communications, and utilities.....	319	66	227	650
24.0 Printing and reproduction.....	60	45	125	135
25.0 Other services.....	5,226	1,820	4,938	4,900
26.0 Supplies and materials.....	49	12	150	170
31.0 Equipment.....	52	24	1,973	1,900
41.0 Grants, subsidies, and contributions.....	613	68	2,585	2,840
99.0 Total obligations.....	16,050	4,635	21,395	22,800

Personnel Summary

Total number of permanent positions.....	412	376	391
Full-time equivalent of other positions.....	11	13	14
Average paid employment.....	339	368	386
Average GS grade.....	10.65	10.60	10.66
Average GS salary.....	\$20,438	\$21,530	\$21,291

RAILROAD RESEARCH AND DEVELOPMENT

For necessary expenses for railroad research and development, **[\$52,900,000]** \$57,000,000, to remain available until expended: *Provided*, That there may be credited to this appropriation, funds received from State and local governments, other public authorities, private sources and foreign countries for expenses incurred for engineering, testing and development. (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, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0745-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Direct program:				
1. Economics and policy research.....	9,268	2,838	22,147	10,925
2. General railroad research and development.....	28,904	6,447	31,406	20,400
3. Safety research.....	7,945	59	6,481	7,675
4. Research and development facilities.....	10,069	1,100	15,143	12,800
5. Administration.....	4,152	1,123	5,718	5,200
Total direct program.....	60,338	11,567	80,895	57,000
Reimbursable program: General railroad research and development.....				
	878	656	1,500	1,500
10.00 Total obligations.....	61,216	12,223	82,395	58,500
Financing:				
Offsetting collections from:				
11.00 Federal funds.....	-878	-656	-1,000	-1,000
14.00 Non-Federal sources.....			-500	-500
21.00 Unobligated balance available, start of period.....	-20,100	-23,912	-27,995	
24.00 Unobligated balance available, end of period.....	23,912	27,995		
40.00 Budget authority (appropriation).....	64,150	15,650	52,900	57,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	60,338	11,567	80,895	57,000
72.00 Obligated balance, start of period.....	28,961	40,858	38,445	54,340
74.00 Obligated balance, end of period.....	-40,858	-38,445	-54,340	-65,840
90.00 Outlays.....	48,441	13,980	65,000	45,500

1. *Economics and policy research.*—This provides for economic analyses of rail industry problems, freight car management, and an intermodal freight system demonstration service.

2. *General railroad research and development.*—This provides for (a) rail freight service research and development, including track technology, classification yards, the technology portion of the intermodal freight system demonstration program, and the energy/environment and electrification programs; (b) passenger systems research and development including advanced technology and propulsion technology.

3. *Safety research.*—This provides the research to improve rolling stock safety, grade crossings, and for studies of human factors involved in accidents.

4. *Research and development facilities.*—This provides for the operation and support of the transportation test center.

5. *Administration.*—This provides salaries and expenses for research administration.

Object Classification (in thousands of dollars)

Identification code 69-0745-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
FEDERAL RAILROAD ADMINISTRATION				
Direct obligations:				
Personnel compensation:				
11.1 Permanent positions.....	2,330	689	3,360	3,382
11.3 Positions other than permanent.....	74	75	330	410
11.5 Other personnel compensation.....	9	15	47	50
Total personnel compensation.....	2,413	779	3,737	3,842
12.1 Personnel benefits: Civilian.....	231	75	374	380
13.0 Benefits for former personnel.....	2	7		
21.0 Travel and transportation of persons.....	147	61	428	428
22.0 Transportation of things.....			163	11
Rent, communications, and utilities:				
23.1 Standard level user charges.....	243	57	227	360
23.2 Other rent, communications, and utilities.....	246	89	270	115
24.0 Printing and reproduction.....	82	18	157	75
25.0 Other services.....	55,241	9,629	73,111	49,934
26.0 Supplies and materials.....	10	7	93	25
31.0 Equipment.....	870	739	1,157	830
32.0 Lands and structures.....	14			
Total direct obligations.....	59,499	11,461	79,717	56,000
Reimbursable obligations:				
25.0 Other services.....	878	656	1,500	1,500
Total obligations, Federal Railroad Administration.....	60,377	12,117	81,217	57,500

ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION

Personnel compensation:				
11.1 Permanent positions.....	140	28	245	257
11.3 Positions other than permanent.....	65	5	26	28
11.5 Other personnel compensation.....	16	2	3	4
Total personnel compensation.....	221	35	274	289
12.1 Personnel benefits: Civilian.....	21	3	26	28
13.0 Benefits for former personnel.....	2			
21.0 Travel and transportation of persons.....	63	1	49	69
22.0 Transportation of things.....	45	3	47	49
Rent, communications, and utilities: Standard level user charges.....				
23.1	2		3	4
24.0 Printing and reproduction.....	2	2	3	4
25.0 Other services.....	109	22	132	121
26.0 Supplies and materials.....	4		5	5
31.0 Equipment.....	3		3	4
32.0 Lands and structures.....	367	40	636	427
Total obligations, allocation to Federal Highway Administration.....	839	106	1,178	1,000
99.0 Total obligations.....	61,216	12,223	82,395	58,500

Personnel Summary

Total number of permanent positions.....	144	161	163
Full-time equivalent of other positions.....	8	22	26
Average paid employment.....	116	173	178
Average GS grade.....	10.05	10.21	10.23
Average GS salary.....	\$19,830	\$21,487	\$21,807

ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION

Total number of permanent positions.....	14	14	14
Full-time equivalent of other positions.....	10	10	10
Average paid employment.....	24	24	24
Average GS grade.....	13.20	13.08	11.95
Average GS salary.....	\$25,207	\$26,212	\$24,145

RAIL SERVICE ASSISTANCE

For necessary expenses for rail service assistance authorized by section 803 of Public Law 94-210, section 402 of Public Law 93-236, as amended, and for necessary administrative expenses in connection with Federal rail assistance programs not otherwise provided for, **[\$75,000,000]** \$78,350,000, together with **[\$5,000,000]** \$6,000,000 for the programs authorized by section 11(c) (6) and (7) of the Department of Transportation Act, as amended, and **[\$3,000,000]** \$4,000,000 for the Minority Resource Center, as authorized by section 906 of Public Law 94-210, to remain available until expended. (87 Stat. 985; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)				
Identification code 69-0122-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Interim operating assistance	72,097	6,250		
2. Rail service continuation subsidies	3,428	41,470	79,916	71,000
3. Washington Union Station model intermodal terminal			500	
4. Minority Business Resource Center		48	8,000	10,000
5. Loan guarantee default/payments of U.S.R.A. obligations	301,859			
6. Interest payment to Treasury	2,142			
7. Administration		79	5,000	7,350
10.00 Total obligations	379,526	47,847	93,416	88,350
Financing:				
21.00 Unobligated balance available, start of period	-18,358	-42,963	-10,416	
24.00 Unobligated balance available, end of period	42,963	10,416		
Budget authority	404,131	15,300	83,000	88,350
Budget authority:				
40.00 Appropriation	350,130	15,300	83,000	88,350
47.10 Authority to spend debt receipts (Public Law 91-633)	54,001			
Relation of obligations to outlays:				
71.00 Obligations incurred, net	379,526	47,847	93,416	88,350
72.00 Obligated balance, start of period	120	719	43,897	57,038
74.00 Obligated balance, end of period	-719	-43,897	-57,038	-66,388
90.00 Outlays	378,927	4,669	80,275	79,000

Title IV of the Regional Rail Reorganization Act of 1973 (Public Law 93-236), as amended, and title VIII of the Railroad Revitalization and Regulatory Reform Act of 1976 (Public Law 94-210), as amended, provide for the continuation of local rail services in the northeast region and nationwide. The regional program is limited to a 2-year period and the national program to a 5-year period following the ConRail conveyance date, April 1, 1976. Appropriated funds not used under the regional program during the 2-year authorization period will become available for use in the national program.

The State rail assistance program is designed to provide financial assistance to States for rail planning and for rail freight assistance that involve: (1) The cost of rail service continuation payments; (2) the cost of purchasing a line of railroad or other rail properties for future rail service; (3) the costs of rehabilitating and improving rail properties on a line of railroad to the extent necessary to permit adequate and efficient rail freight service on such lines; and (4) the cost of providing substitute or alternate mode service in a manner less expensive than continuing rail service.

Title IX of the Railroad Revitalization and Regulatory Reform Act of 1976, as amended, authorizes the establishment of a Minority Business Resource Center to assist minority business firms, entrepreneurs, and venture groups in securing contracts and subcontracts arising out of the restructuring and revitalization of the Nation's railroads. The Minority Business Resource Center program also provides support mechanisms, including venture capital and surety and bonding organizations which will enable minority businesses to take advantage of such business opportunities. The administration program provides for the necessary salaries and related expenses in support of this appropriation, the Northeast corridor improvement appropriation, and the Railroad rehabilitation and improvement financing accounts.

Object Classification (in thousands of dollars)				
Identification code 69-0122-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
FEDERAL RAILROAD ADMINISTRATION				
Personnel compensation:				
11.1 Permanent positions		39	1,287	1,744
11.3 Positions other than permanent		6	412	414
11.5 Other personnel compensation			5	7
Total personnel compensation		45	1,704	2,165
12.1 Personnel benefits: Civilian		4	170	217
21.0 Travel and transportation of persons			176	240
22.0 Transportation of things			123	120
Rent, communications, and utilities:				
23.1 Standard level user charges			119	216
23.2 Other rent, communications, and utilities			80	89
24.0 Printing and reproduction		2	89	117
25.0 Other services		51	4,838	5,237
26.0 Supplies and materials			35	46
31.0 Equipment		17	225	200
33.0 Investments and loans	304,001		5,000	6,000
41.0 Grants, subsidies, and contributions	75,525	47,720	80,407	71,000
Total obligations, Federal Railroad Administration	379,526	47,839	92,966	85,647
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION				
11.1 Personnel compensation: Permanent positions		7	315	848
12.1 Personnel benefits: Civilian		1	32	85
21.0 Travel and transportation of persons			83	259
22.0 Transportation of things			4	80
23.2 Rent, communications, and utilities: Other rent, communications, and utilities			2	20
24.0 Printing and reproduction			2	10
25.0 Other services			6	1,296
26.0 Supplies and materials			2	40
31.0 Equipment			4	65
Total obligations, allocation to Federal Highway Administration		8	450	2,703
99.0 Total obligations	379,526	47,847	93,416	88,350

Personnel Summary				
FEDERAL RAILROAD ADMINISTRATION				
Total number of permanent positions	10		84	94
Full-time equivalent of other positions	0		22	20
Average paid employment	0		88	107
Average GS grade	10.80		9.64	9.89
Average GS salary	\$20,776		\$20,357	\$20,672
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION				
Total number of permanent positions	10		13	55
Full-time equivalent of other positions	0		0	0
Average paid employment	1		12	35
Average GS grade	13.20		13.08	11.95
Average GS salary	\$25,207		\$26,212	\$24,145

NORTHEAST CORRIDOR IMPROVEMENT PROGRAM

For necessary expenses related to Northeast Corridor improvements, **[\$150,000,000,] \$400,000,000**, to remain available until expended. (87 Stat. 985; Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)				
Identification code 69-0123-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Boston-New Haven			41,000	162,618
2. New Haven-New York			4,700	12,968
3. New York-Philadelphia			42,200	90,603
4. Philadelphia-Washington			58,500	96,811
5. System engineering and program management		20,853	32,747	37,000
10.00 Total obligations (object class 25.0)		20,853	179,147	400,000
Financing:				
21.00 Unobligated balance available, start of period		-25,000	-29,147	
24.00 Unobligated balance available, end of period	25,000	29,147		
40.00 Budget authority (appropriation)	25,000	25,000	150,000	400,000

General and special funds—Continued

NORTHEAST CORRIDOR IMPROVEMENT PROGRAM—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-0123-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....		20,853	179,147	400,000
72.00 Obligated balance, start of period.....			20,846	114,993
74.00 Obligated balance, end of period.....		-20,846	-114,993	-334,993
90.00 Outlays.....		7	85,000	180,000

The Railroad Revitalization and Regulatory Reform Act of 1976 as amended, provides for the upgrading of the Northeast corridor. The purpose of the upgrading is to improve the railroad passenger service between Boston, Mass., and Washington, D.C., to enable the establishment of high-speed rail passenger service in the corridor. Northeast corridor improvements cover right-of-way, associated facilities and acquisition and modernization of rail properties.

The activities under this appropriation consist of four geographic corridor segments and a program management and engineering activity as follows:

Boston-New Haven.—Detailed engineering design will be nearly completed for all improvements contemplated. Critical long lead items for the new electrification, signals, centralized traffic control system (CTC), and maintenance facilities will be ordered to insure timely delivery to complete the project by 1981. Heavy track work will continue; realignment rights-of-way will be obtained and construction started on new roadbeds; construction work will start on bridges, and crossing separations; and repairs to bridges will be started.

New Haven-New York.—Detailed design will be completed for all activities, construction will be started for bridge repair and replacement, and safety-related fencing. The States of New York and Connecticut are contributing to the construction on this segment.

New York-Philadelphia.—Detailed design will be nearly completed for all improvements contemplated. Heavy work will continue on tracks while critical long lead material for electrification, signals, CTC, and maintenance facilities are contracted for to insure their timely delivery. Construction will start on route realignments and flyovers following right-of-way purchase, and safety-related fencing work will commence.

Philadelphia-Washington.—The detailed designs for all contemplated improvements will be nearly complete and contracts will be let for critical long lead material required for electrification, signals, CTC, and maintenance facilities. Construction on route realignments will start following land acquisition and work will start to build or repair bridges, and install safety-related fencing, while heavy work on tracks and tunnels will continue.

Systems engineering and program management.—System engineering provides for system modeling, standards, design and requirements criteria. Program management provides overall program planning, scheduling, monitoring, supervision, inspection, and evaluation.

FRA established the Northeast corridor project (NECP) for the implementation of this program. The overall program planning and directing will be performed by NECP. Actual improvement work will be accomplished through commercial contractors, including the National Rail

Passenger Corporation. Salaries and related expenses of Federal employees are funded under the rail service assistance appropriation.

RAILROAD TRANSPORTATION EMPLOYMENT AND IMPROVEMENT

Program and Financing (in thousands of dollars)

Identification code 69-0707-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Financing:				
21.00 Unobligated balance available, start of period.....	-5,000	-95,000	-113,000	.....
24.00 Unobligated balance available, end of period.....	95,000	113,000	.....	.....
25.00 Unobligated balance lapsing.....			113,000	.....
40.00 Budget authority (appropriation).....	90,000	18,000	.....	.....
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....				
90.00 Outlays.....				

The Railroad transportation, employment and improvement appropriation provided financial assistance to States, railroads, regional, State or local transportation authorities, or regional commissions, for programs aimed at reducing unemployment and at repairing, rehabilitating, or improving essential roadbeds and facilities. These funds expired on December 31, 1976, since authorizing legislation was not enacted.

GRANTS TO THE NATIONAL RAILROAD PASSENGER CORPORATION*

*See Part III for additional information.

To enable the Secretary of Transportation to make grants to the National Railroad Passenger Corporation, [\$575,700,000] \$617,000,000, to remain available until expended, of which not more than [\$482,600,000] \$490,000,000 shall be available for operating losses incurred by the Corporation, including [\$62,600,000] which shall be available for the payment of additional operating expenses of the [National Railroad Passenger] Corporation, resulting from the operation, maintenance, and ownership or control of the Northeast Corridor pursuant to title VII of the Railroad Revitalization and Regulatory Reform Act of 1976, [and] not more than [\$93,100,000] \$77,000,000 shall be available for capital improvements, not more than \$25,000,000 shall be available for the fiscal year 1978 cost increment for the purchase of the Northeast Corridor, and not more than \$25,000,000 shall be available for the retirement of loan guarantees made pursuant to section 602 of the National Railroad Passenger Corporation Act: Provided, however, That none of the funds herein appropriated shall be used for the lease or purchase of passenger motor vehicles or for the hire of vehicle operators for any officer or employee, other than the President, of the National Railroad Passenger Corporation, excluding the lease of passenger motor vehicles for those officers or employees while in official travel status. (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0704-0-1-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Operating grants.....	354,748	110,252	482,600	490,000
2. Capital grants.....	5,140	4,129	218,531	77,000
3. Debt retirement.....				25,000
4. Northeast corridor.....				25,000
5. Baltimore-Washington International Airport intermodal demonstrations.....			1,500	.....
10.00 Total obligations (object class 41.0).....	359,888	114,381	702,631	617,000
Financing:				
21.00 Unobligated balance available, start of period.....		-111,312	-126,931	.....
24.00 Unobligated balance available, end of period.....	111,312	126,931	.....	.....
40.00 Budget authority (appropriation).....	471,200	130,000	575,700	617,000

Relation of obligations to outlays:					
71.00	Obligations incurred, net.....	359,888	114,381	702,631	617,000
72.00	Obligated balance, start of period.....		5,398	2,431	
74.00	Obligated balance, end of period.....	-5,398	-2,431		
90.00	Outlays.....	354,490	117,348	705,062	617,000

The Rail Passenger Service Act of 1970, as amended, created the National Railroad Passenger Corporation (Amtrak) as a private, for-profit corporation. Federal assistance to Amtrak has been made in the form of grants to offset operating deficits, grants to help finance capital improvements and loan guarantees for capital improvements. Federal financial assistance is also being provided to fund purchase and ownership costs covering the Northeast Corridor, and for the systematic retirement of loans guaranteed by the Federal Government. Unusually high 1977 outlays result from a provision of Public Law 94-555 requiring payment of Amtrak capital grants quarterly in advance for temporary application to debt retirement. Outlays for this purpose will however be receipts to the Federal Financing Bank.

1. *Operating grants.*—The 1978 estimate of \$490 million, together with expected revenue increases, will provide Amtrak's management with the resources to meet expected cost increases in regular and corridor operations. Amtrak will work with the Department of Transportation to apply existing route and service criteria to keep the level of operations within this ceiling. A constant-level appropriation of \$490 million in 1978 and subsequent years is the maximum Federal subsidy acceptable to the administration. This includes \$70 million for 1978 proposed to cover Amtrak's corridor ownership net losses.

2. *Capital grants.*—Continuing the policy established in 1976 of financing Amtrak capital requirements with grants instead of loans, it is proposed to fund new capital improvements initiated in 1978 with the \$77 million capital grants request.

3. *Debt retirement.*—Amendments to the act (Public Law 94-555, enacted Oct. 19, 1976) authorize the systematic retirement of Amtrak's section 602 loans now held entirely by the Federal Financing Bank. The \$25 million authorized for 1978 reduces the section 602 loan authority from \$900 million to \$875 million.

4. *Purchase of Northeast Corridor.*—Under the purchase agreement of March 23, 1976, between Amtrak and ConRail, the monthly installments for the Northeast Corridor purchase should aggregate approximately \$25 million.

5. *Baltimore-Washington International Airport intermodal demonstrations.*—An amount of \$1.5 million has been appropriated for a rail passenger terminal and facilities at the Baltimore-Washington International Airport. Architectural and engineering analysis for the design and construction of the facility is underway.

	[In thousands of dollars]			
	1976 act.	TQ act.	1977 est.	1978 est.
Operating grants.....	350,000	105,000	482,600	490,000
Regular operations.....	(328,800)	(99,700)	(420,000)	(420,000)
Corridor ownership.....	(21,200)	(5,300)	(62,600)	(70,000)
Capital grants.....	121,200	25,000	93,100	77,000
Purchase of corridor.....			47,000	25,000
Debt retirement.....				25,000
Total Federal appropriations.....	471,200	130,000	622,700	617,000
Cumulative loan guarantees outstanding...	(619,881)	(655,671)	(612,783)	(832,166)

¹ Includes \$10 million corridor startup costs.
² 1977 supplemental (covers 1976, TQ, and 1977 installments and interest).

EMERGENCY RAIL FACILITIES RESTORATION

Program and Financing (in thousands of dollars)

Identification code 69-0705-0-1-404				
	1976 act.	TQ act.	1977 est.	1978 est.
Relation of obligations to outlays:				
72.00	Obligated balance, start of period.....	1,432	1,387	1,387
74.00	Obligated balance, end of period.....	-1,387	-1,387	
90.00	Outlays.....	45		1,387

The Emergency Rail Facilities Restoration Act authorized the Secretary of Transportation to make loans for the purpose of restoring or replacing railroad facilities, equipment, or services damaged or destroyed as a result of the natural disasters which occurred during the month of June 1972.

The act provided that no loan application could be approved later than 8 months from the date of its enactment, which was October 27, 1972. Therefore, the program was terminated in 1974.

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: *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.

PAYMENT TO THE ALASKA RAILROAD REVOLVING FUND

For payment to the Alaska Railroad Revolving Fund for capital replacements, improvements, and maintenance, **[\$6,000,000]** \$3,000,000, to remain available until expended. (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-4400-0-3-404				
	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Operating and other costs, funded:				
1. Rail line operation program:				
(a) Operations.....	28	64	330	350
(b) Maintenance of way and structures.....	7,878	1,954	7,075	7,275
(c) Maintenance of equipment.....	10,041	2,462	9,475	9,675
(d) Traffic.....	326	98	335	355
(e) Transportation service.....	19,692	4,433	14,088	14,488
(f) Communications system operation and maintenance.....	440	135	577	597
(g) Incidental operations.....	5,367	346	1,450	1,610
(h) General and administrative expenses.....	3,182	950	3,430	3,480
2. Other programs:				
(a) Riverboats and related facilities, leased.....	49	6	20	20
(b) Other nonoperating expense.....	47	5	50	50
3. Other costs:				
(a) Adjustment of prior years' costs.....				
(b) Loss on excess current inventories.....	19	2	50	50
(c) Undistributed costs.....	1,313	-680	120	120
Total operating and other costs.....	48,382	9,775	37,000	38,070
Capital outlay, funded:				
1. Rail line annual program:				
(a) Improvement of roadbed, track and structures.....	992	82	670	940
(b) Maintenance.....	1,038	917	1,200	3,640
(c) Purchase and upgrading of equipment.....	6,571	4,089	4,361	220
(d) Nonprogramed outlay.....			500	800
Total capital outlay.....	8,601	5,088	6,731	5,600
Total program costs, funded.....	56,983	14,863	43,731	43,670

Public enterprise funds—Continued

THE ALASKA RAILROAD—Continued

PAYMENT TO THE ALASKA RAILROAD REVOLVING FUND—continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-4400-0-3-404	1976 act.	TQ act.	1977 est.	1978 est.
Change in selected resources (supplies and undelivered orders).....	6,369	-2,457	255	-2,500
10.00 Total obligations.....	63,352	12,406	43,986	41,170
Financing:				
14.00 Offsetting collections from: Non-Federal sources:				
Rail line operation program:				
Freight revenue.....	-42,823	-8,238	-31,898	-34,230
Passenger revenue.....	-1,074	-589	-1,001	-1,001
Other rail line revenue.....	-8,620	-910	-2,756	-3,491
Other programs:				
Riverboats and related facilities.....	-139	-64	-110	-200
Other nonoperating revenue.....	-1,022	-250	-1,006	-1,003
Proceeds from sale of assets.....	-29	-114		
Change in long-term accounts receivable.....	-73			
21.98 Unobligated balance available, start of period.....	-8,019	-7,447	-5,266	-3,991
24.98 Unobligated balance available, end of period.....	7,447	5,206	3,991	5,746
40.00 Budget authority (appropriation).....	9,000		6,000	3,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	9,572	2,241	7,215	1,245
72.98 Obligated balance, start of period: Fund balance.....	3,299	12,630	6,511	6,560
74.98 Obligated balance, end of period: Fund balance.....	-12,630	-6,511	-6,560	-4,060
90.00 Outlays.....	241	8,360	7,166	3,745

The Alaska Railroad is operated by the Federal Government under the act of March 12, 1914 (38 Stat. 305), as a public enterprise activity of the Federal Railroad Administration. The major activity of the rail line operation program is transportation service; the principal supporting activities are maintenance of way and structures, maintenance of equipment, and communications system operation and maintenance. Lease of real properties, riverboats, and related facilities round out the other operating programs.

To the extent possible, programs are financed by revenue earned from freight and passenger services and other services incidental thereto. It is estimated that freight tonnages will be significantly decreased in 1977 and in 1978 following the scheduled completion of the Trans-Alaska pipeline. Appropriated funds will be used to maintain equipment and facilities at a level needed for safe and efficient operations.

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Rail line operation program:				
Revenue: Ordinary.....	52,517	9,737	35,655	38,722
Expense: Ordinary.....	-46,954	-10,442	-36,760	-37,830
Net income or loss, rail line operation.....	5,563	-705	-1,125	892
Other programs:				
Revenue.....	1,161	314	1,116	1,203
Expense:				
Ordinary.....	-96	-11	-70	-70
Deferred maintenance.....	-1,038	-917		
Net income or loss, other programs.....	27	-614	1,046	1,133
Nonoperating income or loss:				
Loss on excess current inventories.....	-19	-2	-50	-50
Undistributed costs.....	-1,313	-680	-120	-120
Net nonoperating income or loss.....	-1,332	-682	-170	-170
Net income or loss for the period.....	4,258	-2,001	-229	1,855

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Fund balance with Treasury.....	11,319	20,076	11,607	10,441	9,696
Accounts receivable (net).....	8,495	8,814	7,627	8,814	8,814
Advances made.....	20	27	27	27	27
Inventories.....	4,194	6,431	6,818	6,400	6,400
Real property and equipment (net).....	111,863	112,418	116,968	121,808	125,368
Other assets (net).....	1,433	7,130	5,484	7,825	4,955
Total assets.....	137,324	154,896	148,531	155,315	155,260
Liabilities:					
Accounts payable and funded accrued liabilities.....	4,916	10,356	5,626	6,350	6,350
Advances received.....	366	451	610	450	450
Total liabilities.....	5,282	10,807	6,236	6,800	6,800
Government equity:					
Unexpended budget authority:					
Unobligated balance.....	8,019	7,447	5,206	3,991	5,746
Undelivered orders.....	6,533	10,663	7,818	8,491	5,991
Invested capital.....	117,490	125,979	129,271	136,033	136,723
Total Government equity.....	132,042	144,089	142,295	148,515	148,460
Analysis of changes in Government equity:					
Paid-in capital:					
Opening balance.....		139,743	148,747	148,747	154,747
Transactions:					
Appropriations.....	9,000			6,000	3,000
Donated assets, net.....		4	235		
Closing balance.....		148,747	148,982	154,747	157,747
Retained income:					
Opening balance.....		-7,701	-4,658	-6,687	-6,232
Net operating income or loss.....		4,100	-1,110	455	-3,055
Deferred maintenance.....		-1,039	-917		
Net nonoperating income or loss.....		-18	-2		
Closing balance.....		-4,658	-6,687	-6,232	-9,287
Total Government equity (end of period).....		144,089	142,295	148,515	148,460

Object Classification (in thousands of dollars)

Identification code 69-4400-0-3-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	16,970	4,998	17,840	18,550
11.3 Positions other than permanent.....	5,620	1,702	5,420	6,150
11.5 Other personnel compensation.....	1,591	443	1,720	1,800
11.8 Special personal services payments.....	31	10		
Total personnel compensation.....	24,212	7,153	24,980	26,500
12.1 Personnel benefits: Civilian.....	2,731	703	2,931	3,200
13.0 Benefits for former personnel.....	4			
21.0 Travel and transportation of persons.....	259	54	250	260
22.0 Transportation of things.....	774	678	500	500
23.2 Rent, communications, and utilities: Other rent, communications, and utilities.....	1,184	326	1,200	1,400
25.0 Other services.....	13,875	961	5,200	6,000
26.0 Supplies and materials.....	8,024	1,624	4,500	4,650
31.0 Equipment.....	5,216	2,994	3,500	500
32.0 Lands and structures.....	155	310	160	160
42.0 Insurance claims and indemnities.....	550	60	500	500
Total costs, funded.....	56,983	14,863	43,731	43,670
94.0 Change in selected resources.....	6,369	-2,457	255	-2,500
99.0 Total obligations.....	63,352	12,406	43,986	41,170

Personnel Summary

Total number of permanent positions.....	727	799	803
Full-time equivalent of other positions.....	297	150	150
Average paid employment.....	1,024	899	903
Average salary of ungraded positions.....	\$23,342	\$22,328	\$23,100

RAILROAD REHABILITATION AND IMPROVEMENT

FINANCING FUNDS

The Secretary of Transportation is hereby authorized to expend proceeds from the sale of Fund anticipation notes to the Secretary of the Treasury and any other monies deposited in the Railroad Rehabilitation and Improvement Fund pursuant to sections 502, 505-507 and 509 of the Railroad Revitalization and Regulatory Reform Act of 1976 (Public Law 91-210) as amended for the uses authorized for the Fund, in amounts not to exceed \$70,000,000, \$100,000,000, to remain available until September 30, 1978, March 31, 1979. The Secretary of Transportation is also authorized to issue to the Secretary of the Treasury notes or other obligations pursuant to section 512 of the Railroad Revitalization and Regulatory Reform Act of 1976 (Public Law 94-210 as amended) in such

amounts and at such time as may be necessary to pay any amounts required pursuant to the guarantee not to exceed **[\$400,000,000]** \$800,000,000 principal amount of obligations under sections 511 through 513 of such act, such authority to exists as long as any such guaranteed obligation is outstanding: *Provided*, That the aggregate principal amount of guarantees and commitments to guarantee obligations under section 511 of Public Law 94-210 shall not exceed **[\$400,000,000]** \$800,000,000. (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-4411-0-3-404	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00 Purchase of redeemable preference shares (costs—obligations) (object class 33.0).....			70,000	100,000
Financing:				
40.00 Budget authority (appropriation).....			70,000	100,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....			70,000	100,000
72.00 Obligated balance, start of period.....				40,000
74.00 Obligated balance, end of period.....			-40,000	-60,000
90.00 Outlays.....			30,000	80,000

Section 509 of the Railroad Revitalization and Regulatory Reform Act of 1976, as amended, authorizes the Secretary of the Treasury to purchase fund anticipation notes from the Secretary of Transportation. The Secretary of Transportation will use these funds to purchase redeemable preference shares from railroads to provide for capital needs critical to preserving essential rail freight services. Funds will be provided to railroads with the highest priority on projects effecting mergers and consolidations. Under the provisions of the act, repayments on the shares will not commence earlier than 6 years after purchase by the United States. Section 511 of Public Law 94-210, as amended, also authorizes obligation guarantee authority, for meeting the long term needs of the railroads. Railroads utilize this funding mechanism to finance major new facilities, rehabilitation and consolidation of current facilities. The appropriation language provides for standby authority to issue loans in the event of default, up to the cumulative level of loans guaranteed through 1978.

URBAN MASS TRANSPORTATION ADMINISTRATION
Federal Funds

Public enterprise funds:

URBAN MASS TRANSPORTATION FUND*

*See "Legislative Program" (end of this chapter) for additional information.

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 and Public Law 93-503); the Federal-Aid Highway Act of 1973 (Public Law 93-87) and the Federal-Aid Highway Act of 1976 (Public Law 94-280) in connection with the activities, including uniforms and allowances therefor, as authorized by law (5 U.S.C. 5901-5902); hire of passenger motor vehicle; and services as authorized by 5 U.S.C. 3109; **[\$12,600,000]** \$22,100,000.

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; **[\$61,200,000]** \$73,100,000: *Provided*, That **[\$58,700,000]** \$70,600,000 shall be available for research, development, and demonstrations, \$2,000,000 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 and Public Law 93-503) and section 142(c) of title 23, U.S.C., and of obligations incurred for projects substituted for Interstate System segments withdrawn prior to enactment of the Federal-Aid Highway Act of 1976; **[\$1,700,000,000]** \$1,756,000,000, to remain available until expended: *Provided*, That none of these funds shall be made available for the establishment of depreciation reserves or reserves for replacement accounts: *Provided further*, That amounts for highway projects substituted for Interstate System segments shall be transferred to the Federal Highway Administration.

RAIL SERVICE OPERATING PAYMENTS

For an additional payment to the Urban Mass Transportation Fund there is hereby appropriated to remain available until expended, for the purposes of the Urban Mass Transportation Act of 1964, as amended by Public Law 94-210, **[\$55,000,000]** \$30,000,000.

PROJECTS SUBSTITUTED FOR INTERSTATE SYSTEM PROJECTS

For necessary expenses to carry out the provisions of title 23, U.S.C. 103(e)(4), to remain available until expended, **[\$400,000,000]** \$425,000,000 of which not to exceed \$350,000,000 may be available for the Washington Metropolitan Area Transit Authority: *Provided*, That amounts for highway projects substituted for Interstate System segments shall be transferred to the Federal Highway Administration. (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code: 69-4119-0-3-404	Administrative commitments				Costs and obligations			
	1976 act.	TQ act.	1977 est.	1978 est.	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:								
Capital outlay:								
Capital facilities grants.....	1,091,404	246,990	1,250,000	1,250,000	479,710	360,188	860,200	1,125,000
Capital facilities loans.....	816				748		68	
Formula grants.....	390,261	52,102	1,996,337	775,000	226,525	163,508	916,700	720,800
Technical studies grants.....	38,102	9,647	43,200	50,000	21,910	16,410	36,800	45,000
Research, development and demonstrations, grants and contracts.....	47,736	17,740	58,700	70,600	27,974	13,858	44,100	63,500
Managerial training grants.....	413	303	500		385	67	686	450
University research and training grants.....	663	1,417	2,000	2,000	1,339	1,038	2,179	1,800
Administrative expenses.....	11,863	2,610	18,300	22,100	10,981	3,667	18,300	19,000
Subtotal.....	1,581,258	330,809	2,369,037	2,170,200	769,572	558,736	1,879,033	1,975,550
Interstate transfer grants.....	337,641	215,408	575,000	775,000	2,165	103,730	349,200	580,000
Urban systems.....		280			9,393	4,785		80
Fare free demonstrations.....		23,400	55,000	30,000			200	
Commuter rail operating subsidies.....							55,000	30,000
Subtotal.....	337,641	239,088	630,000	805,000	11,558	131,915	404,400	610,080
Total grants, contracts, loans and administrative expenses.....	1,918,899	569,897	2,999,037	2,975,200	781,130	690,651	2,283,433	2,585,630

¹ Includes \$346 million of grants not committed in previous periods of apportionment.

Public enterprise funds—Continued

URBAN MASS TRANSPORTATION FUND—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-4119-0-3-404	Administrative commitments				Costs and obligations			
	1976 act.	TQ act.	1977 est.	1978 est.	1976 act.	TQ act.	1977 est.	1978 est.
Administrative commitments:								
Start of period	621,768	1,103,195	1,484,529	1,484,529				
End of period	-1,103,195	-1,484,529	-1,484,529	-1,484,529				
Change in selected resources					656,342	-502,088	715,604	389,570
10.00 Total capital outlay, obligations	1,437,472	188,563	2,999,037	2,975,200	1,437,472	188,563	2,999,037	2,975,200
Financing:								
Offsetting collections from:								
11.00 Federal funds					-1,080	-75		
14.00 Non-Federal sources:								
Loan repayments					-212		-200	-100
Revenue					-19			
17.00 Recovery of prior period obligations					-787	-1,994		
Unobligated balance available, start of period:								
21.49 Contract authority (unfunded):								
Committed					-597,972	-1,064,328	-1,329,118	-1,329,118
Uncommitted					-11,684,965	-10,493,109	-10,069,097	-7,575,956
21.98 Fund balance:								
Committed					-23,797	-38,767	-155,411	-155,411
Uncommitted					-11,836	-233,558	-89,642	-38,946
Unobligated balance available, end of period:								
24.49 Contract authority (unfunded):								
Committed					1,064,328	1,329,118	1,329,118	1,329,118
Uncommitted					10,493,109	10,069,097	7,575,956	5,010,429
24.98 Fund balance:								
Committed					38,767	155,411	155,411	180,411
Uncommitted					233,558	89,642	38,946	59,373
Budget authority					946,566		455,000	455,000
Budget authority:								
40.00 Appropriation					1,553,600	339,400	2,228,800	2,306,200
40.49 Appropriation to liquidate contract authority					-1,276,300	-325,000	-1,700,000	-1,756,000
43.00 Appropriation (adjusted)					277,300	14,400	528,800	550,200
49.10 Contract authority (Public Law 93-87)					733,566			
Reduction in unobligated contract authority (Public Law 91-453)					-64,300	-14,400	-73,800	-95,200
Relation of obligations to outlays:								
71.00 Obligations incurred, net					1,435,374	186,494	2,998,837	2,975,100
Obligated balance, start of period:								
72.49 Contract authority (unfunded)					2,163,922	2,282,388	2,102,211	2,821,552
72.98 Fund balance					68,874	63,697	143,375	592,871
Obligated balance, end of period:								
74.49 Contract authority (unfunded)					-2,282,388	-2,102,211	-2,821,552	-3,535,879
74.98 Fund balance					-63,697	-143,375	-592,871	-628,644
90.00 Outlays					1,322,085	286,993	1,830,000	2,225,000

Status of Unfunded Contract Authority (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Unfunded balance, start of period	14,446,859	13,839,825	13,500,426	11,726,626
Contract authority	733,566			
Appropriation, Urban Mass Transportation				
Fund: Regular	-64,300	-14,400	-73,800	-95,200
Appropriation to liquidate contract authority	-1,276,300	-325,000	-1,700,000	-1,756,000
Unfunded balance, end of period	13,839,825	13,500,426	11,726,626	9,875,426

This fund was established to finance all capital and operating assistance grants, contracts, and loan activities authorized by the Urban Mass Transportation Act of 1964, as amended. 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, university research and training activities; and administrative expenses are funded through appropriations, with such appropriations being accounted for within the available contract authority.

Capital outlay.—Capital facilities grants.—Pursuant to section 3 of the act, 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 1978, the activity level will be \$1.3 billion in capital grants.

The \$1.2 billion level in 1978 is estimated to fund 205 new projects. This compares with an activity level of \$1.2 billion in 1977 for an estimated 200 projects,

and \$1.1 billion in 1976 for 179 projects. An additional 37 projects were funded in the transition quarter.

Formula grants.—Pursuant to section 5 of the act (amended by section 103 of the National Mass Transportation Assistance Act of 1974), grants can be made to urbanized areas or parts thereof on the basis of a formula for the acquisition, construction, and improvement of facilities and equipment, and the payment of operating expenses.

In 1978, the activity level will be \$0.8 billion. This is estimated to fund 350 projects, and compares with an activity level of \$0.7 billion (plus carryover) in 1977 with an estimated 300 projects, and \$0.4 billion in 1976 with 206 projects. An additional 40 projects were funded in the transition quarter.

Technical studies grants.—Pursuant to 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. Regional transportation plans are also developed with these grants.

In 1978, the activity level will be \$50.0 million with an estimated 300 grant recipients. The activity level compares with \$43.2 million in 1977 and an estimated 250 projects, and \$38.1 million in 1976 for 214 projects. An additional 89 projects were created in the transition quarter.

Research, development and demonstration 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 (operations and managerial), and methods which assist in reducing urban transportation needs, in improving mass transportation services, and/or in meeting total urban transportation needs at an effective cost level.

In 1978, the activity level will be \$70.6 million with an estimated 225 projects. This compares with \$58.7 million in 1977 with an estimated 195 projects, and \$47.7 million in 1976 with 181 projects. An additional 74 projects were created in the transition quarter.

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 advanced training. Fellowship awards are made for the training of personnel employed in managerial, technical, and professional positions in the urban mass transportation field.

In 1978, the activity level will be \$0.5 million with an estimated 100 fellowships. This compares with \$0.5 million in 1977 and \$0.4 million in 1976, with 100 fellowships each year. An additional 57 fellowships were awarded in the transition quarter. Separate funding of this activity will be phased out in 1979 as grantees fund more training with section 5 formula grants.

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 1978, the activity level will be \$2.0 million with an estimated 18 projects, which compares with \$2.0 million in 1977 with 27 projects and \$0.6 million in 1976 with 7 projects. An additional 16 grants were awarded during the transition quarter.

Administrative expenses.—This activity provides for carrying out administrative functions, including executive direction, budgeting, accounting, management information, procurement, property management, and personnel management. The administrative expenses activity will be conducted at a \$22.1 million level in 1978. This compares to \$18.3 million in 1977, and \$11.8 million in 1976 and \$2.6 million for the transition quarter.

Capital facilities loans.—Under this activity, two types of loans are available. Capital improvement loans finance the acquisition, construction, reconstruction, and improvement of facilities and equipment. Loans are also provided for the advance acquisition of real property for planned mass transportation systems. This activity has such a low volume of approvals, no effort is made to estimate new loan commitments.

Interstate transfers.—Grants under this activity are authorized by the 1973 Highway Act. States and localities may cancel plans for unneeded Interstate highway segments and transfer authorized funds to transit or highway projects. In 1978, an estimated \$775 million in transit projects will be assisted under the provisions of 23 U.S.C. 103(e)(4), compared to an estimated \$575 million in 1977, and \$337.6 million in 1976. Use of an additional \$215.4 million took place in the transition quarter.

Urban systems.—23 U.S.C. 142(e) authorizes use of urban systems authorities in assisting transit projects as substitutions have been made for highway efforts. Use is based on local decisions and therefore no estimates are made for 1977 or 1978. In 1976, \$23.4 million was used

under this activity. Obligations in this activity in 1977 and succeeding years for technical reasons will be incurred in Federal Highway Administration accounts.

Commuter rail operating subsidies.—Pursuant to section 17 of the act (authorized by section 808 of the Railroad Revitalization and Regulatory Reform Act of 1976) UMTA is authorized to provide emergency operating assistance to absorb a portion of such additional costs of providing rail passenger service resulting from the conveyance of rail properties and service obligations to the Consolidated Rail Corporation (ConRail) and other eligible recipients.

In 1978 an assistance level of \$30 million is planned. This compares with an estimate of \$55 million in 1977 and \$23.4 million in the transition quarter.

There follows a series of schedules reflecting usage of authorities made available to the Urban Mass Transportation Administration (in millions of dollars).

RESEARCH AND DEVELOPMENT				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	---	06.8	---	---
Appropriated.....	51.4	10.9	58.7	70.6
Deobligations.....	---	---	---	---
Adjustment per House Report No. 94-331.....	02.0	---	---	---
Approvals.....	-46.6	-17.7	-58.7	-70.6
Available balance, end of period....	06.8	---	---	---
MANAGERIAL TRAINING				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	0.8	1.0	0.9	0.9
Appropriated.....	0.6	0.2	0.5	0.5
Approvals.....	-0.4	-0.3	-0.5	-0.5
Available balance, end of period....	1.0	0.9	0.9	0.9
UNIVERSITY RESEARCH AND TRAINING				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	---	1.3	0.4	---
Appropriated.....	2.0	0.5	2.0	2.0
Approvals.....	-0.7	-1.4	-2.4	-2.0
Available balance, end of period....	1.3	0.4	---	---
ADMINISTRATIVE EXPENSES				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	---	---	---	---
Appropriated.....	10.3	2.9	12.6	22.1
Deobligations.....	---	0.7	---	---
Adjustment per House Report No. 94-331.....	1.6	-0.3	---	---
Approvals.....	-11.9	-3.3	-12.6	-22.1
Available balance, end of period....	---	---	---	---
LOANS				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	6.9	6.9	6.9	6.9
Repayments.....	---	---	---	---
Available balance, end of period....	6.9	6.9	6.9	6.9
UNRESTRICTED AUTHORITIES				
Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	6.0	2.9	2.6	---
Recoveries.....	0.3	---	---	---
Loan repayments.....	0.2	---	0.2	0.1
Adjustment per House Report No. 94-331.....	-3.6	-0.3	---	---
Adjustment per Public Law 94-387.....	---	---	-2.8	---
Available balance, end of period....	2.9	2.6	---	0.1
ANALYSIS OF AUTHORITY FROM 23 U.S.C. 103(e)(4) AND 142(c)				
Interstate transfers:	1976 act.	TQ act.	1977 est.	1978 est.
Withdrawals scheduled for transit:				
Balance, start of period.....	1,205.0	1,938.6	1,938.6	3,261.6
Current year withdrawals.....	733.6	---	1,323.0	350.0
Subtotal.....	1,938.6	1,938.6	3,261.6	3,611.6

Public enterprise funds—Continued

URBAN MASS TRANSPORTATION FUND—Continued

ANALYSIS OF AUTHORITY FROM 23 U.S.C. 103(e)(4) AND 142(c)—Continued

	1976 act.	1976 est.	1977 est.	1978 est.
Less approvals (contract authority):				
Cumulative, start of period.....	126.7	464.4	567.3	742.3
Current year approvals.....	337.7	102.9	175.0	350.0
Subtotal (contract authority).....	464.4	567.3	742.3	1,092.3
Balance, end of period.....	1,474.2	1,371.3	2,519.3	2,519.3
Urban systems substitutions:				
Cumulative approvals, start of period...	48.4	48.4	48.4	(1)
Current year approvals.....			(1)	(1)
Total, end of period.....	48.4	48.4		

¹ To be incurred in Federal Highway Administration accounts.

INTERSTATE CASH AUTHORITY

Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....		188.0	75.4	
Approved.....	188.0		400.0	425.0
Approval.....		-112.6	-475.4	-425.0
Available balance, end of period.....	188.0	75.4		

LIQUIDATION OF CONTRACT AUTHORIZATION

Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	0.7	37.6	108.6	108.6
Appropriated.....	1,276.3	325.0	1,700.0	1,756.0
Outlays.....	-1,239.4	-254.0	-1,700.0	-1,756.0
Available balance, end of period.....	37.6	108.6	108.6	108.6

FARE FREE DEMONSTRATIONS

Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....	1.5	1.5	1.2	
Approvals.....		-0.3	-1.2	
Available balance, end of period.....	1.5	1.2		

RAIL OPERATING SUBSIDIES

Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Available balance, start of period.....		25.0	1.6	
Appropriation.....	25.0		55.0	30.0
Approvals.....		-23.4	-56.6	-30.0
Available balance, end of period.....	25.0	1.6		

ANALYSIS OF AUTHORIZATIONS FOR APPROPRIATIONS

Detail:	1976 act.	TQ act.	1977 est.	1978 est.
Section 4(c):				
Balance, start of period.....	404.0	3,732.6	3,507.2	2,976.3
Increment for period.....	4,240.0			
Less: Appropriations:				
Liquidating cash.....	-898.8	-259.6	796.0	-1,053.0
Cash authorities.....	-64.3	-14.4	-73.8	-95.2
Add: Amount for Public Law 93-875:				
Interstate.....	36.1	41.5	333.9	347.4
Urban systems.....	15.6	7.1	5.0	4.0
End of period.....	3,732.6	3,507.2	2,976.3	2,179.5
Section 4(b):				
Balance, start of period.....	156.0	156.0	156.0	156.0
Appropriations.....				
End of period.....	156.0	156.0	156.0	156.0
Section 5(c)(1):				
Balance, start of period.....	264.2	386.7	446.3	192.3
Increment for period.....	500.0	125.0	650.0	775.0
Less: Appropriations of liquidating cash.....	-377.5	-65.4	-904.0	-703.0
End of period.....	386.7	446.3	192.3	264.3

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Revenue.....	1,311	75	200	100
Expenses.....	-10,981	-3,667	-18,300	-22,100
Net income or loss for period.....	-9,670	-3,592	-18,100	-22,000

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Fund balance with Treasury.....	104,489	334,954	388,411	439,410	409,141
Accounts receivable (net).....	4,000	5,949	1,268	5,650	6,300
Advances made.....	19,093	26,077	2,857		
Loans receivable (net).....	23,075	24,118	24,118	23,986	23,886
Real property and equipment (net).....	3,509	3,551	8,246	8,200	9,500
Total assets.....	154,165	394,649	424,900	477,246	448,827
Liabilities:					
Accounts payable including funded accrued liabilities.....	623,156	63,016	470,717	550,000	600,000
Unfunded liabilities.....	540	637	580	600	700
Total liabilities.....	623,696	63,653	471,297	550,600	600,700
Government equity:					
Unexpended budget authority:					
Uncommitted balance.....	10,624,260	10,248,035	10,158,739	7,614,902	5,269,802
Unobligated commitments and undelivered orders.....	2,250,660	3,895,755	3,263,507	4,005,370	4,419,751
Unfinanced budget authority: Contract authority.....	-13,370,494	-13,839,825	-13,500,426	-11,726,626	-9,875,426
Invested capital.....	26,044	27,032	31,784	33,000	34,000
Total Government equity.....	-469,531	330,997	-46,397	-73,354	-151,873

Analysis of changes in Government equity:

Paid-in capital: Opening balance.....	(1)	-469,531	-46,397	-73,354
Transactions:				
Appropriations.....	(1)	1,879,800	2,228,800	2,281,200
Appropriation transfers.....	(1)	13,200		
Appropriation write-off and rescissions.....	(1)			
Closing balance.....	(1)	1,893,000	2,228,800	2,281,200
Deficit:				
Ordinary.....	(1)	-13,178	-18,100	-22,100
Extraordinary.....	(1)	-1,456,688	-2,237,657	-2,337,619
Closing balance.....	(1)	-1,469,866	-2,255,757	-2,359,719
Total Government equity (end of period).....	(1)	-46,397	-73,354	-151,873

¹ Schedule 5, SF 220 was not required by Treasury for this period; therefore, no information available.

Object Classification (in thousands of dollars)

Identification code 69-4119-0-3-404	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	7,616	2,408	9,500	11,200
11.3 Positions other than permanent.....	226	70	300	300
11.5 Other personnel compensation.....	78	25	100	100
Total personnel compensation.....	7,920	2,503	9,900	11,600
12.1 Personnel benefits: Civilian.....	731	553	900	1,200
21.0 Travel and transportation of persons.....	505	232	800	850
22.0 Transportation of things.....	8	6	50	50
Rent, communications, and utilities:				
23.1 Standard level user charges.....	577	190	800	900
23.2 Other rent, communications, and utilities.....	345	128	220	550
24.0 Printing and reproduction.....	19	3	80	80
25.0 Other services.....	37,713	29,906	41,975	45,985
26.0 Supplies and materials.....	77	27	125	200
31.0 Equipment.....	83	1	200	250
33.0 Investments and loans.....		7		
41.0 Grants, subsidies, and contributions.....	1,389,494	155,007	2,943,987	2,913,525
99.0 Total obligations.....	1,437,472	188,563	2,999,037	2,975,200

Personnel Summary

Total number of permanent positions.....	480		600	600
Full-time equivalent of other positions.....	3		10	10
Average paid employment.....	401		528	580
Average GS grade.....	10.08		10.29	10.29
Average GS salary.....	\$19,080		\$19,656	\$20,454

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 herein-after provided. (*Department of Transportation and Related Agencies Appropriation Act, 1977.*)

Program and Financing (in thousands of dollars)

Identification code 69-4089-0-3-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Operating costs, funded:				
1. Administrative expenses (limitation).....	942	245	1,018	1,066
2. Operations.....	3,283	832	4,216	4,446
Total operating costs, funded.....	4,225	1,077	5,234	5,512
Capital outlay.....	693	166	1,510	1,250
Total program costs, funded.....	4,918	1,243	6,744	6,762
Change in selected resources (undelivered orders).....	43	293	-----	-----
10.00 Total obligations.....	4,961	1,536	6,744	6,762
Financing:				
14.00 Offsetting collections from: Non-Federal sources:				
Revenue.....	-6,359	-2,776	-7,600	-7,700
Proceeds from sale of equipment (40 U.S.C. 481(c)).....	-----	-----	-30	-30
Unobligated balance available, start of period:				
21.47 Authority to spend debt receipts.....	-6,200	-6,200	-6,200	-6,200
21.98 Fund balance.....	-2,439	-2,437	-3,677	-2,563
Unobligated balance available, end of period:				
24.47 Authority to spend debt receipts.....	6,200	6,200	6,200	6,200
24.98 Fund balance.....	2,437	3,677	2,563	2,531
27.00 Capital transfer to general fund ¹	1,400	-----	2,000	1,000
Budget authority.....	-----	-----	-----	-----
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	-1,398	-1,240	-886	-968
72.98 Obligated balance, start of period: Fund balance.....	763	1,093	1,725	1,695
74.98 Obligated balance, end of period: Fund balance.....	-1,093	-1,725	-1,695	-1,615
90.00 Outlays.....	-1,728	-1,872	-856	-888

¹ For retirement of bonds issued to U.S. Treasury.

The overall goal of the Saint Lawrence Seaway Development Corporation is to keep the Saint Lawrence Seaway system a safe, reliable and efficient transportation artery. The Corporation will continue to operate and maintain the U.S. part of the seaway and pursue programs to increase the efficiency of the system by continuing efforts to: (1) extend the navigation season; (2) work closely with current and potential seaway shippers, Great Lakes ports, and other organizations; (3) encourage increased use of the seaway system; and (4) maintain and improve our lock facilities and lock approach channels. The Saint Lawrence Seaway Development Corporation's 1978 budget reflects these objectives:

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

Capital outlay.—This program provides for cost effective safety dictated facility improvements such as the installation of better fenders on locks, installation and testing of ice control systems, and fixed navigation aids, buildings, plant and equipment replacements.

The Corporation estimates its revenues for 1978 to reach \$7.7 million which it proposes to apply as follows:

1. \$5.5 million to pay operating expenses consisting of administrative expenses of \$1.1 million (subject to limitation) and \$4.4 million for operations.

2. \$1.3 million to pay estimated capital outlay costs for season extension projects, facility improvements, and replacement of equipment.

3. \$1.0 million for the scheduled redemption of the Corporation's revenue bonds issued to the U.S. Treasury.

No capital impairment has occurred through the end of the past year nor is any anticipated in the budget year.

Revenue and Expense (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Operating income or loss:				
Operating program:				
Revenue:				
Shipping tolls.....	6,159	2,658	7,390	7,480
Other.....	200	118	210	220
Total revenue.....	6,359	2,776	7,600	7,700
Expense:				
Administrative.....	942	245	1,018	1,066
Operations.....	3,283	832	4,216	4,446
Total expense.....	4,225	1,077	5,234	5,512
Net operating income.....	2,134	1,699	2,366	2,188
Nonoperating income or loss (—):				
Proceeds from sale of equipment.....	-----	-----	30	30
Net book value of assets sold.....	-----	-----	-30	-30
Net gain from sale of equipment.....	-----	-----	-----	-----
Provision for depreciation and losses.....	1,701	432	1,701	1,701
Net nonoperating loss.....	1,701	432	1,701	1,701
Net income for the period.....	433	1,267	665	487

Financial Condition (in thousands of dollars)

	1975 act.	1976 act.	TQ act.	1977 est.	1978 est.
Assets:					
Fund balance with Treasury.....	3,202	3,530	5,402	4,258	4,146
Accounts receivable, net.....	564	480	895	895	895
Accrued tolls, receivable unbilled.....	100	350	350	350	350
Selected assets, supplies.....	218	225	234	234	234
Fixed assets, net.....	104,475	103,280	103,014	102,793	102,312
Total assets.....	108,559	107,865	109,895	108,530	107,937
Liabilities:					
Accounts payable, including funded accrued liabilities.....	1,008	1,281	2,044	2,014	1,934
Government equity:					
Unexpended budget authority:					
Unobligated balance.....	8,639	8,637	9,877	8,763	8,731
Undelivered orders.....	637	642	926	926	926
Unfinanced budget authority: Borrowing authority.....	-6,200	-6,200	-6,200	-6,200	-6,200
Invested capital.....	104,475	103,505	103,248	103,027	102,546
Total Government equity.....	107,551	106,584	107,851	106,516	106,003
Analysis of changes in Government equity:					
Paid-in capital:					
Opening balance.....	119,876	118,476	118,476	116,476	116,476
Repayment of borrowings from Treasury.....	-1,400	-----	-2,000	-1,000	-1,000
Closing balance.....	118,476	118,476	116,476	115,476	115,476
Deficit:					
Opening balance.....	-12,325	-11,892	-10,625	-9,960	-9,960
Net income or loss.....	433	1,267	665	487	487
Closing balance.....	-11,892	-10,625	-9,960	-9,473	-9,473
Total Government equity (end of year).....	106,584	107,851	106,516	106,003	106,003

Public enterprise funds—Continued

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION—Continued

Object Classification (in thousands of dollars)

Identification code 69-4089-0-3-406	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	2,087	667	2,265	2,375
11.3 Positions other than permanent.....	327	13	343	360
11.5 Other personnel compensation.....	176	19	184	193
11.8 Special personal services payments.....	5	1	3	3
Total personnel compensation.....	2,595	700	2,795	2,931
12.1 Personnel benefits: Civilian.....	262	86	281	295
21.0 Travel and transportation of persons.....	57	12	62	65
22.0 Transportation of things.....	2	1	3	3
Rent, communications, and utilities:				
23.1 Standard level user charges.....	25	5	26	34
23.2 Other rent, communications, and utilities.....	96	34	119	120
24.0 Printing and reproduction.....	6	1	64	67
25.0 Other services.....	250	52	573	598
26.0 Supplies and materials.....	249	107	741	923
31.0 Equipment.....	146	-----	155	203
32.0 Lands and structures.....	283	-----	900	450
41.0 Grants, subsidies, and contributions.....	6	-----	7	7
93.0 Administrative expenses (see separate schedule).....	942	245	1,018	1,066
Total costs, funded.....	4,918	1,243	6,744	6,762
94.0 Change in selected resources.....	43	293	-----	-----
99.0 Total obligations.....	4,961	1,536	6,744	6,762

Personnel Summary

Total number of permanent positions.....	157	-----	157	157
Full-time equivalent of other positions.....	21	-----	20	20
Average paid employment.....	163	-----	164	164
Average GS grade.....	9.23	-----	9.41	9.41
Average GS salary.....	\$17,326	-----	\$18,374	\$18,558
Average wage-board salary.....	\$13,171	-----	\$14,488	\$15,937

LIMITATION ON ADMINISTRATIVE EXPENSES, SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Not to exceed [\$982,000] \$1,066,000 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, 1977.)

Program and Financing (in thousands of dollars)

	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Administration (total accrued expenses—costs).....	942	245	1,018	1,066
Financing:				
Unobligated balance available, start of period.....	-----	-1	-----	-----
Unobligated balance available, end of period.....	1	-----	-----	-----
Unobligated balance lapsing.....	-----	14	-----	-----
Limitation.....	943	258	982	1,066
Proposed increase due to civilian pay increases.....	-----	-----	36	-----

Object Classification (in thousands of dollars)

Identification code 69-4089-0-3-406	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....	608	169	679	712
11.3 Positions other than permanent.....	34	1	36	38
11.8 Special personal services payments.....	10	1	10	10
Total personnel compensation.....	652	171	725	760
12.1 Personnel benefits: Civilian.....	55	13	65	67
21.0 Travel and transportation of persons.....	35	7	37	39
Rent, communications, and utilities:				
23.1 Standard level user charges.....	16	4	18	23
23.2 Other rent, communications, and utilities.....	76	33	60	61
24.0 Printing and reproduction.....	3	1	3	3
25.0 Other services.....	84	10	88	90
26.0 Supplies and materials.....	21	6	22	23
93.0 Administrative expenses included in schedule for fund as a whole.....	-942	-245	-1,018	-1,066
99.0 Total obligations.....	-----	-----	-----	-----

Personnel Summary

Total number of permanent positions.....	36	-----	36	37
Full-time equivalent of other positions.....	3	-----	4	4
Average paid employment.....	38	-----	40	40
Average GS grade.....	8.37	-----	8.45	8.45
Average GS salary.....	\$17,022	-----	\$18,320	\$18,778
Average wage-board salary.....	\$10,836	-----	\$11,919	\$13,111

MATERIALS TRANSPORTATION BUREAU

[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), \$2,250,000, to remain available until expended.]

MATERIALS TRANSPORTATION PROGRAM

For expenses necessary to discharge the functions of the Materials Transportation Bureau (MTB), \$8,400,000 of which not to exceed \$1,000,000 shall remain available until expended for expenses for conducting research and development; of which not to exceed \$2,500,000 shall remain available until expended for grants-in-aid to carry out a pipeline safety program, as authorized by section 5 of the National Gas Pipeline Safety Act of 1968 (49 U.S.C. 1674). (Department of Transportation and Related Agencies Appropriation Act, 1977.)

Program and Financing (in thousands of dollars)

Identification code 69-0104-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
Operations.....	-----	-----	-----	4,900
Research and development.....	-----	-----	-----	1,000
Grants.....	1,152	730	2,000	2,500
Total, program costs, funded.....	1,152	730	2,000	8,400
Change in selected resources (undelivered orders).....	708	-709	305	-----
10.00 Total obligations.....	1,860	21	2,305	8,400
Financing:				
21.00 Unobligated balance available, start of period.....	-285	-75	-55	-----
24.00 Unobligated balance available, end of period.....	75	55	-----	-----
40.00 Budget authority (appropriation).....	1,650	-----	2,250	8,400
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....	1,860	21	2,305	8,400
72.00 Obligated balance, start of period.....	1,157	1,866	1,156	1,461
74.00 Obligated balance, end of period.....	-1,866	-1,156	-1,461	-1,861
90.00 Outlays.....	1,151	730	2,000	8,000

Note.—Includes \$5,900 thousand in 1978 for activities previously financed from:

	1976	TQ	1977
Salaries and expenses, OST.....	3,286	794	4,406
Transportation planning, research and development, OST.....	900	218	1,100

This appropriation finances all activities of the Materials Transportation Bureau (MTB), a line organization reporting directly to the Secretary of Transportation. MTB's mission is to insure the safe transportation of hazardous materials and gases or hazardous liquids by pipeline by establishing industry safety standards and by enforcing pipeline regulations and those hazardous materials regulations not delegated to the Department's operating administrations. These efforts are performed through the following activities:

Operations.—This activity provides for the expenses for the executive direction of the MTB and for the conduct of hazardous materials and pipeline safety regulatory programs.

Research and development.—This activity provides for research and development to support the hazardous materials and pipeline safety regulatory programs of the MTB.

Grants.—This activity provides for grants-in-aid to State agencies of up to 50% of the actual costs for conducting a gas pipeline safety program as authorized by the Natural Gas Pipeline Safety Act of 1968.

Object Classification (in thousands of dollars)

Identification code 69-0104-0-1-407	1976 act.	TQ act.	1977 est.	1978 est.
Personnel compensation:				
11.1 Permanent positions.....				2,733
11.3 Positions other than permanent.....				83
11.5 Other personnel compensation.....				6
Total personnel compensation.....				2,822
12.1 Personnel benefits - Civilian.....				255
21.0 Travel and transportation of persons.....				295
22.0 Transportation of things.....				20
Rent, communications and utilities:				
23.1 Standard level user charges.....				303
23.2 Other rent, communications, and utilities.....				158
24.0 Printing and reproduction.....				300
25.0 Other services.....				1,693
26.0 Supplies and materials.....				20
31.0 Equipment.....				34
41.0 Grants, subsidies, and contributions.....	1,860	21	2,305	2,500
99.0 Total obligations.....	1,860	21	2,305	8,400

Personnel Summary

Total number of permanent positions.....	132
Full-time equivalent of other positions.....	9
Average paid employment.....	153
Average GS grade.....	10.95
Average GS salary.....	\$22,666

Legislative Program

COAST GUARD

OPERATING EXPENSES

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code 69-0201-2-1-406	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
10.00 Marine safety (costs—obligations).....				-700
Financing:				
40.00 Budget authority (proposed for later transmittal).....				-700
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....				-700
90.00 Outlays.....				-700

Legislation is recommended to modernize seaman documentation procedures, modernize vessel documentation, and simplify tonnage measurement.

This legislation would reduce the level of funding previously required to administer these programs under existing legislation.

These legislative proposals, when enacted, would eliminate 20 shipping commissioner positions (8 military and 12 civilian) and associated travel costs through the modernization of the seaman documentation procedures; would provide for a change in document renewal and change of master procedures through the modernization of vessel documentation; and would reduce vessel admeasurement time and associated travel costs through the simplification of tonnage measurement.

FEDERAL AVIATION ADMINISTRATION

OPERATIONS

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code 69-1301-2-1-405	1976 act.	TQ act.	1977 est.	1978 est.
Program by activities:				
1. Operations:				
(a) Operation of traffic control system.....				
10.00 Total obligations.....				-3,000
Financing:				
40.00 Budget authority (proposed for later transmittal).....				-3,000
Relation of obligations to outlays:				
71.00 Obligations incurred, net.....				-3,000
90.00 Outlays.....				-3,000

Legislation is recommended to eliminate second career training for air traffic controllers who are eligible for immediate retirement.

URBAN MASS TRANSPORTATION
ADMINISTRATION

URBAN MASS TRANSPORTATION FUND

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code 69-4119-2-3-404	1976 act.	TQ act.	1977 est.	1978 est.
71.00 Obligations incurred, net.....				
74.49 Obligated balance, end of period: Contract authority (unfunded).....				-100,000
90.00 Outlays.....				-100,000

Legislation is recommended to repeal section 3(h) of the Urban Mass Transportation Act of 1964, as amended, which allows State or local agencies to divert up to one-half of transit capital grants and other financial assistance under the act (other than formula grants) for payment of operating expenses.

Legislation is also being recommended to amend section 5 of the Urban Mass Transportation Act of 1964, as amended, which provides grants to urbanized areas on a formula basis for capital investments or operating assistance at their discretion, to require that 20% of the allocations shall be used for capital investments.

These legislative amendments would change the relationship of obligations to outlays that would be incurred under existing legislation. In 1978 the effect of repealing section 3(h) will defer \$60 million and the section 5 limitation will defer \$40 million.

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; purchase of liability insurance for motor vehicles operating in foreign countries on official departmental business; 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 the planning or execution of programs the commitments for which are in excess of **[\$510,000,000]** *\$465,000,000* for "Grants-in-aid for airports" for airport development in fiscal year **[1977]** 1978; *Provided, that this limitation shall not apply to obligations for the planning grant program provided for in section 15 of the Airport and Airway Development Act of 1970, as amended.*

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 \$21,000,000 for "Highway-related safety grants" in fiscal year **[1977]** 1978.

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 \$129,000,000 in fiscal year **[1977]** 1978 for "State and Community Highway Safety".

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 \$5,600,000 in fiscal year **[1977]** 1978 for "Territorial Highways".

SEC. 306. None of the funds provided in this Act shall be available for administrative expenses in connection with commitments for the Urban Mass Transportation Act of 1964, as amended, aggregating more than **[\$2,077,700,000]** *\$2,200,200,000* in fiscal year **[1977]** 1978 [except that amounts apportioned pursuant to section 5 of the Act and not committed in the year of apportionment may be committed notwithstanding this limitation].

SEC. 307. None of the funds provided under this Act shall be available for administrative expenses in connection with obligations against contract authority for interstate substitutions under 23 U.S.C. 103(e)(4) aggregating more than **[\$175,000,000]** *\$350,000,000* in fiscal year **[1977]** 1978.

SEC. 308. 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. 309. 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. 310. 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. 311. No funds appropriated or made available by this Act shall be used to implement the provision of section 155 of title 2 of the Canal Zone Code relating to the establishment of employment standards, pay levels and other conditions of employment within the Canal Zone.]

SEC. **[312]** 311. Funds appropriated under this Act for expenditure by the Federal Aviation Administration shall be available (1) except as otherwise authorized by the Act of September 30, 1950 (20 U.S.C. 236-244), for expenses of primary and secondary schooling for dependents of Federal Aviation Administration 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. **[313]** 312. 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.

[SEC. 314. None of the funds in this Act shall be available for the implementation or execution of a program in the Department of Transportation to collect fees, charges or prices for approvals, tests, authorizations, certificates, permits, registrations, and ratings which are in excess of the levels in effect on January 1, 1973, or which did not exist as of January 1, 1973, until such program is reviewed and approved by the appropriate committees of the Congress.]

SEC. **[315]** 313. None of the funds provided in this Act for liquidation of contractual obligations under the Urban Mass Transportation Act of 1964, as amended, shall be made available for liquidation of obligations entered into under Section 5 of that Act, to support mass transit facilities, equipment or operating expenses unless the applicant for such assistance has given satisfactory assurances in such manner and form as the Secretary may require, and in accordance with such terms and conditions as the Secretary may prescribe, that the rates charged elderly and handicapped persons during nonpeak hours shall not exceed one-half of the rates generally applicable to other persons at peak hours: *Provided, That the Secretary, in prescribing the terms and conditions for the provision of such assistance shall (1) permit applicants to continue the use of preferential fare systems for elderly or handicapped persons where those systems were in effect on or prior to November 26, 1974, (2) allow applicants a reasonable time to expand the coverage of operating preferential fare systems as appropriate, and (3) allow applicants to define the eligibility of "handicapped persons" for the purposes of preferential fares in conformity with other Federal laws and regulations governing eligibility for benefits for disabled persons.*

SEC. **[316]** 314. 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. **[317]** 315. None of the funds provided under or included in this Act shall be available for the planning or execution of programs, the obligations for which are in excess of **[\$7,200,000,000]** *\$6,545,000,000* for "Federal-Aid Highways" [and for "Highway Safety Construction Programs"] in fiscal year **[1977]** 1978: *Provided, That this limitation shall not apply to obligations for emergency relief under section 125 of title 23 U.S.C., special urban high density traffic program under section 146 of title 23 U.S.C., and special bridge replacement program under section 144 of title 23 U.S.C.: Provided further, That this limitation shall not become effective if subsequent legislation containing an obligation limitation on the Federal-Aid Highways and Highway Safety Construction Programs for fiscal year 1977 is enacted into law by September 30, 1976.]*

[SEC. 318. Such funds as may be necessary shall be utilized from the appropriations hereinabove made available to the Federal Aviation Administration and to the Civil Aeronautics Board for the preparation of a plan to coordinate as promptly as possible the use of Midway Airport with O'Hare Airport in Chicago, Illinois, for service by airline carriers, in order to relieve air traffic congestion and to promote air safety in that area.]

[SEC. 319. Section 302 of the Department of Transportation and Related Agencies Appropriation Act, 1976, and the period ending September 30, 1976 (Public Law 94-134) is amended by striking out "\$350,000,000" and all that follows down through the period at the end thereof and inserting in lieu thereof the following: "\$437,500,000 in fiscal year 1976, including the period July 1, 1976, through September 30, 1976.".]

Sec. 316. None of the funds provided in this Act shall be available for the planning or execution of programs, the total obligations for which, in fiscal years 1976, 1977 and 1978, exceed the \$90,000,000 authorized for fiscal years 1974, 1975 and 1976 for the Great River Road, and such obligations shall be limited to preliminary engineering and the planning or execution of projects for the acquisition of areas of archeological, scientific or historic importance, and of necessary easements for scenic purposes, and construction or reconstruction of roadside rest areas, bicycle trails and scenic viewing areas.

Sec. 317. None of the funds provided in this Act for the Overseas Highway shall be available until the Department of Transportation and the State of Florida reach an agreement whereby Florida will finance all costs for the Long Key and Seven Mile bridges from sources other than appropriations for the Overseas Highway. (Department of Transportation and Related Agencies Appropriation Act, 1977.)