

FY 1981

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 of official reception and representation expenses as the Secretary may determine **[\$34,768,000]** **\$36,800,000.** (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code 69-0102-0-1-407	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
General administration (program costs, funded).....	31,694	32,575	36,800
Change in selected resources (undelivered orders).....	-1,159		
Total direct obligations.....	30,535	32,575	36,800
Reimbursable program (program costs, funded).....	2,312	4,200	4,100
Change in selected resources (undelivered orders).....	406		
Total reimbursable obligations.....	2,718	4,200	4,100
10.00 Total obligations.....	33,253	36,775	40,900
Financing:			
11.00 Offsetting collections from: Federal funds...	-2,718	-4,200	-4,100
17.00 Recovery of prior year obligations.....	-4		
21.40 Unobligated balance available, start of year	-71	-75	
22.40 Unobligated balance transferred from other accounts.....	-63		
24.40 Unobligated balance available, end of year..	75		
25.00 Unobligated balance lapsing.....	848		
Budget authority.....	31,319	32,500	36,800
Budget authority:			
40.00 Appropriation.....	33,750	34,768	36,800
41.00 Transferred to other accounts.....	-2,431	-3,868	
43.00 Appropriation (adjusted).....	31,319	30,900	36,800
44.20 Supplemental for civilian pay raises.....		1,600	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	30,532	32,575	36,800
72.40 Obligated balance, start of year.....	4,765	4,187	3,612
74.40 Obligated balance, end of year.....	-4,187	-3,612	-3,622
77.00 Adjustments in expired accounts.....	231		
90.00 Outlays, excluding pay raise supplemental.....	31,340	31,600	36,740
91.20 Outlays from civilian pay raise supplemental.....		1,550	50

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.

Object Classification (in thousands of dollars)

Identification code 69-0102-0-1-407	1979 actual	1980 est.	1981 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	18,089	18,831	20,252
11.3 Positions other than permanent.....	945	1,003	1,239
11.5 Other personnel compensation.....	158	441	489
11.8 Special personal services payments.....	87	189	189
Total personnel compensation.....	19,279	20,464	22,169
12.1 Personnel benefits: Civilian.....	1,814	1,878	2,029
21.0 Travel and transportation of persons.....	671	549	730
22.0 Transportation of things.....	23	31	35
23.1 Standard level user charges.....	2,542	2,432	2,688
23.2 Communications, utilities, and other rent.....	1,142	1,515	1,742
24.0 Printing and reproduction.....	1,060	1,195	1,436
25.0 Other services.....	3,508	4,053	5,419
26.0 Supplies and materials.....	265	256	306
31.0 Equipment.....	231	202	246
Total direct obligations.....	30,535	32,575	36,800
Reimbursable obligations:			
Personnel compensation:			
11.1 Permanent positions.....	1,127	1,384	1,216
11.3 Positions other than permanent.....	142	107	60
11.5 Other personnel compensation.....	4	50	70
Total personnel compensation.....	1,273	1,541	1,346
12.1 Personnel benefits: Civilian.....	109	129	115
21.0 Travel and transportation of persons.....	26	246	153
23.1 Standard level user charges.....	114	150	175
23.2 Communications, utilities, and other rent.....	63		
25.0 Other services.....	1,109	2,134	2,311
26.0 Supplies and materials.....	22		
Total reimbursable obligations.....	2,718	4,200	4,100
99.0 Total obligations.....	33,253	36,775	40,900
Personnel Summary			
Direct:			
Total number of permanent positions.....	613	613	630
Total compensable workyears.....	691	644	710
Full-time equivalent of other positions.....	(73)	(77)	(95)
Full-time equivalent of overtime and holiday hours.....	(7)	(9)	(10)
Average ES salary.....	\$46,670	\$49,925	\$50,050
Average GS grade.....	11.19	11.47	11.46
Average GS salary.....	\$27,742	\$30,403	\$30,780
Reimbursable:			
Total number of permanent positions.....	56	56	50
Total compensable workyears.....	49	53	45
Full-time equivalent of other positions.....	(4)	(3)	(2)
Full-time equivalent of overtime and holiday hours.....	(0)	(2)	(2)
Average ES salary.....	\$47,500	\$50,112	
Average GS grade.....	10.76	11.04	10.96
Average GS salary.....	\$23,245	\$25,806	\$26,042

TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT*

*See Part III for additional information.

For necessary expenses for conducting transportation planning, research, and development activities, including the collection of national transportation statistics, to remain available until expended, **[\$9,075,000]** **\$13,000,000.** (Department of Transportation and Related Agencies Appropriation Act, 1980.)

General and special funds—Continued

TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT—
Continued

Program and Financing (in thousands of dollars)				
Identification code	69-0142-0-1-407	1979 actual	1980 est.	1981 est.
Program by activities:				
Direct program:				
	1. Transportation policy and planning.....	9,253	9,095	11,590
	2. Transportation systems development and technology.....	8,581		
	3. Special programs.....	946	2,375	1,410
	Total direct program costs, funded	18,780	11,470	13,000
	Change in selected resources (undelivered orders).....	-6,426		
	Total direct obligations.....	12,353	11,470	12,000
	Reimbursable program (program costs, funded).....	1,049	2,100	2,100
	Change in selected resources (undelivered orders).....	-187		
	Total reimbursable obligations.....	862	2,100	2,100
10.00	Total obligations.....	13,215	13,570	15,100
Financing:				
11.00	Offsetting collections from: Federal funds...	-862	-2,100	-2,100
17.00	Recovery of prior year obligations.....	-651		
21.40	Unobligated balance available, start of year	-1,647	-2,395	
24.40	Unobligated balance available, end of year..	2,395		
40.00	Budget authority (appropriation) ..	12,450	9,075	13,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	11,702	11,470	13,000
72.40	Obligated balance, start of year.....	18,904	13,930	9,400
74.40	Obligated balance, end of year.....	-13,930	-9,400	-7,400
90.00	Outlays.....	16,676	16,000	15,000

This appropriation finances those research activities and studies concerned with planning, analysis, and information development needed to support the Secretary's responsibilities in the formulation of national transportation policies.

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, energy conservation, environmental and safety impacts of transportation.

3. *Special programs.*—Projects provide technical studies and other data in support of the Secretary's decisions involving State and local level planning, consumer affairs, technology sharing, and evaluation of departmental programs.

Object Classification (in thousands of dollars)				
Identification code	69-0142-0-1-407	1979 actual	1980 est.	1981 est.
Direct obligations:				
Personnel compensation:				
11.1	Permanent positions.....	1,341	1,751	1,793
11.3	Positions other than permanent.....	393	194	121
11.5	Other personnel compensation.....	11	22	22
11.8	Special personal services benefits.....	95	102	102
	Total personnel compensation.....	1,840	2,069	2,038

12.1	Personnel benefits: Civilian.....	163	174	175
21.0	Travel and transportation of persons.....	145	74	74
23.1	Standard level user charges.....	180	180	180
23.2	Communications, utilities, and other rent....	2	36	36
24.0	Printing and reproduction.....	123	105	100
25.0	Other services.....	9,875	8,796	10,299
26.0	Supplies and materials.....	25	11	58
31.0	Equipment.....		25	40
	Total direct obligations.....	12,353	11,470	13,000
Reimbursable obligations:				
25.0	Other services.....	862	2,100	2,100
99.0	Total obligations.....	13,215	13,570	15,100

Personnel Summary			
Total number of permanent positions.....	47	47	47
Total compensable workyears.....	69	61	55
Full-time equivalent of other positions.....	(30)	(14)	(8)
Full-time equivalent of overtime and holiday hours.....	(1)	(1)	(1)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	12.50	12.70	12.70
Average GS salary.....	\$33,343	\$36,461	\$37,377

TRANSPORTATION RESEARCH ACTIVITIES OVERSEAS
(SPECIAL FOREIGN CURRENCY PROGRAM)

Program and Financing (in thousands of dollars)				
Identification code	69-0105-0-1-407	1979 actual	1980 est.	1981 est.
Program by activities:				
	Overseas research (program costs, funded).....	13	25	
	Change in selected resources (undelivered orders).....	-13	-25	
10.00	Total obligations.....			
Financing:				
21.40	Unobligated balance available, start of year	-63		
23.40	Unobligated balance transferred to other accounts.....	63		
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....			
72.40	Obligated balance, start of year.....	38	25	
74.40	Obligated balance, end of year.....	-25		
90.00	Outlays.....	13	25	

Foreign currencies in excess of the normal requirements of the United States have been made available in prior years for research in foreign countries.

Intragovernmental funds:

[LIMITATION ON] WORKING CAPITAL FUND

[Necessary expenses for operating costs and capital outlays of the Department of Transportation Working Capital Fund not to exceed \$64,383,000 shall be paid, in accordance with law, from appropriations made available by this Act and prior appropriation Acts to the Department of Transportation together with advances and reimbursements received by the Department of Transportation.] (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)				
Identification code	69-4520-0-4-407	1979 actual	1980 est.	1981 est.
Program by activities:				
Operating costs, funded:				
	1. Publishing and graphics activities:			
	(a) Direct operating costs.....	14,405	17,831	20,593

(b) Overhead costs	520	456	827
2. Support services activities:			
(a) Direct operating costs	3,686	4,519	4,861
(b) Overhead costs	574	284	250
3. Library services:			
(a) Direct operating costs	2,102	2,279	2,406
(b) Overhead costs	126	42	68
4. Transportation computer activities:			
(a) Direct operating costs	20,206	30,480	30,895
(b) Overhead costs	42	359	95
Total operating costs	41,661	56,250	59,995
Capital investment, funded: Purchase of equipment:			
1. Publishing and graphics activities	26	644	160
2. Support services activities	126	89	64
3. Library services	12	20	24
4. Transportation computer activities	65	8,145	10
Total capital investment	229	8,898	258
Total program costs, funded	41,890	65,148	60,253
Change in selected resources (stores, work-in-process, and undelivered orders)	4,138		
10.00 Total obligations	46,028	65,148	60,253
Financing:			
11.00 Offsetting collections from: Federal funds:			
Publishing and graphics activities	-14,882	-18,812	-21,241
Support services activities	-4,214	-4,758	-5,063
Library services	-2,218	-2,315	-2,469
Transportation computer activities	-20,242	-30,214	-31,477
Unfilled customers' orders	-4,240	-1,343	-1,023
21.98 Unobligated balance available, start of year	-10,470	-10,238	-2,532
24.98 Unobligated balance available, end of year	10,238	2,532	3,552
Budget authority			
Relation of obligations to outlays:			
71.00 Obligations incurred, net	232	7,706	-1,020
72.10 Receivables in excess of obligations, start of year	-13	-5,218	
72.98 Obligated balance, start of year			3,988
74.10 Receivables in excess of obligations, end of year	5,218		
74.98 Obligated balance, end of year		-3,988	-4,168
90.00 Outlays	5,437	-1,500	-1,200

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

Services rendered are charged for at rates that 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:

1. *Publishing and graphics activities* include publishing and graphic programs; still photographic services; and visuals services.

2. *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.

3. *Library services* include information retrieval services.

4. *Transportation computer activities* include computer time-sharing services and the transportation computer center.

Revenue and Expense (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Publishing and graphics activities:			
Revenue	14,882	18,812	21,241
Expense	-14,882	-18,812	-21,241
Net operating income			
Support services activities:			
Revenue	4,214	4,758	5,063
Expense	-4,214	-4,758	-5,063
Net operating income			
Library services:			
Revenue	2,218	2,315	2,469
Expense	-2,218	-2,315	-2,469
Net operating income			
Transportation computer activities:			
Revenue	20,242	30,214	31,477
Expense	-20,242	-30,214	-31,477
Net operating income			
Net income or loss for the year			

Financial Condition (in thousands of dollars)

	1978 actual	1979 actual	1980 est.	1981 est.
Assets:				
Fund balance with Treasury	10,457	5,020	6,520	7,720
Accounts receivable (net)	2,894	8,026	1,800	1,600
Inventories	24	29	30	30
Real property and equipment (net)	610	723	7,506	6,366
Other assets (net)	2,543	2,613	2,625	2,620
Total assets	16,528	16,411	18,481	18,336
Liabilities:				
Accounts payable and funded accrued liabilities	1,831	1,720	4,951	4,596
Advances received	650	650	650	650
Other liabilities	400	438		
Total liabilities	2,881	2,808	5,601	5,246
Government equity:				
Unexpended budget authority:				
Unobligated balance	10,470	10,238	2,532	3,552
Undelivered orders	5,871	9,933	5,870	5,870
Unfinanced budget authority: Unfilled customers' orders	-5,871	-9,933	-5,870	-5,870
Invested capital	3,177	3,365	10,348	9,538
Total Government equity	13,647	13,603	12,880	13,090
Analysis of changes in Government equity:				
Paid-in capital:				
Opening balance		13,647	13,603	12,880
Transaction: Increase in current assets (net)				1,020
Decrease in current assets (net)		-232	-7,706	
Total		13,415	5,897	13,900
Retained income or deficit: Transaction:				
Increase in inventory and property valuation		188	6,983	
Decrease in inventory and property valuation				-810
Total		188	6,983	-810
Total Government equity (end of year) ..		13,603	12,880	13,090

Intragovernmental funds—Continued

[LIMITATION ON] WORKING CAPITAL FUND—Continued

Object Classification (in thousands of dollars)

Identification code 69-4520-0-4-407	1979 actual	1980 est.	1981 est.
Personnel compensation:			
11.1 Permanent positions.....	5,941	10,223	10,846
11.3 Positions other than permanent.....	238	285	305
11.5 Other personnel compensation.....	309	433	394
Total personnel compensation.....	6,488	10,941	11,545
12.1 Personnel benefits: Civilian.....	599	903	908
21.0 Travel and transportation of persons.....	91	118	128
22.0 Transportation of things.....	4	6	6
23.1 Standard level user charges.....	1,808	1,955	1,825
23.2 Communications, utilities, and other rent....	3,505	4,210	4,350
24.0 Printing and reproduction.....	111	125	140
25.0 Other services.....	30,900	35,960	38,193
26.0 Supplies and materials.....	2,259	2,500	2,900
31.0 Equipment.....	263	8,430	258
99.0 Total obligations.....	46,028	65,148	60,253

Personnel Summary

Total number of permanent positions.....	381	511	511
Total compensable workyears.....	417	583	583
Full-time equivalent of other positions.....	(15)	(42)	(42)
Full-time equivalent of overtime and holiday hours.....	(21)	(30)	(30)
Average GS grade.....	7.39	7.63	7.63
Average GS salary.....	\$15,317	\$16,245	\$16,245
Average salary of ungraded positions.....	\$16,655	\$17,824	\$17,824

COAST GUARD

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

(In millions of dollars)

	1979	1980	1981
Budget authority:			
Operating expenses.....	987.5	1,086.4	1,181.9
Acquisition, construction and improvements.....	286.6	286.0	324.4
Alteration of bridges.....	14.9	7.6	16.2
Retired pay.....	177.5	206.0	232.0
Reserve training.....	40.6	43.0	45.0
Research, development, test and evaluation.....	20.0	22.0	25.0
State boating safety assistance.....	5.0		
Pollution fund.....	14.6	38.3	7.0
Offshore oil pollution compensation fund.....		14.0	14.0
Coast Guard supply fund.....			1.5
Subtotal net.....	1,546.8	1,703.3	1,847.0
Proposed legislation:			
Pollution fund.....			-7.0
Offshore oil pollution compensation fund.....			-14.0
Total net.....	1,546.8	1,703.3	1,826.0
Program level:			
Operating expenses.....	986.5	1,086.4	1,181.9
Acquisition, construction, and improvements.....	216.0	364.6	313.9
Alteration of bridges.....	4.7	17.0	16.2
Retired pay.....	176.6	206.0	232.0
Reserve training.....	40.5	43.0	45.0
Research, development, test, and evaluation.....	21.1	22.0	24.0
State boating safety assistance.....	5.0	.2	
Pollution fund.....	18.7	32.0	10.3
Offshore oil pollution compensation fund.....		14.0	14.0
Coast Guard supply fund ¹	0.4	0.1	1.3
Coast Guard yard fund ¹	5.1	-0.3	3.2
Trust funds ¹		0.1	0.1
Subtotal net.....	1,474.6	1,785.0	1,841.9
Proposed legislation:			
Pollution fund.....			-10.3

Offshore oil pollution compensation fund.....			-14.0
Total net.....	1,474.6	1,785.0	1,817.6

¹ Total obligations before offsetting collections.

Federal Funds

General and special funds:

OPERATING EXPENSES*

*See Part III for additional information.

For necessary expenses for the operation and maintenance of the Coast Guard, not otherwise provided for; purchase of not to exceed [eleven] eight passenger motor vehicles, seven for replacement [only] and one new passenger motor vehicle (ambulance); and recreation and welfare; [\$1,042,585,000] \$1,182,112,000 of which [\$224,218] \$233,935 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] eighty exclusive of planes and parts stored to meet future attrition: *Provided further*, That none of the funds appropriated in this or any other Act shall be available for pay or administrative expenses in connection with shipping commissioners in the United States. (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, 1980; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0201-0-1-403	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Search and rescue.....	278,981	303,638	328,393
2. Aids to navigation.....	252,642	274,020	302,943
3. Marine safety.....	132,092	144,076	159,747
4. Marine environmental protection.....	68,462	75,280	83,579
5. Enforcement of laws and treaties.....	165,929	179,965	200,437
6. Marine science and polar operations..	46,858	50,839	56,641
7. Military readiness.....	41,532	45,043	50,138
Total direct program costs.....	986,496	1,072,861	1,181,878
Unfunded adjustments to direct program costs: Property transferred in without charge.....	-3,000	-3,000	-3,000
Total direct program costs, funded....	983,496	1,069,861	1,178,878
Change in selected resources (undelivered orders and stores).....	3,000	3,000	3,000
Total direct obligations.....	986,496	1,072,861	1,181,878
Reimbursable program.....	22,695	25,000	17,500
10.00 Total obligations.....	1,009,191	1,097,861	1,199,378
Financing:			
Offsetting collections from:			
11.00 Federal funds.....	-18,150	-20,000	-14,000
14.00 Non-Federal sources.....	-4,545	-5,000	-3,500
25.00 Unobligated balance lapsing.....	1,050		
Budget authority.....	987,546	1,072,861	1,181,878
Budget authority:			
40.00 Appropriation.....	987,988	1,042,585	1,182,112
40.47 Portion applied to debt reduction.....	-215	-224	-234
41.00 Transferred to other accounts.....	-227		
43.00 Appropriation (adjusted).....	987,546	1,042,361	1,181,878
44.20 Supplemental for civilian pay raises.....		4,857	
44.30 Supplemental for military pay raises.....		25,643	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	986,496	1,072,861	1,181,878
72.40 Obligated balance, start of year.....	146,900	144,407	154,757
74.40 Obligated balance, end of year.....	-144,407	-154,757	-174,954

77.00	Adjustments in expired accounts.....	-8,209		
90.00	Outlays, excluding pay raise supplemental.....	980,780	1,032,060	1,161,632
91.20	Outlays from civilian pay raise supplemental.....		4,808	49
91.30	Outlays from military pay raise supplemental.....		25,643	

NOTES

Includes \$7,162 thousand in 1981 for activities previously financed from: Department of Defense: Operation and maintenance, Navy.
Includes \$519 thousand in 1981 for activities previously financed from: Department of Defense: Other procurement, Navy.

Funds for operating expenses represent 61% of the total Coast Guard request. To carry out its duties 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.

1. *Search and rescue.*—The Coast Guard maintains a nationwide system of boats, aircraft, cutters, rescue coordination centers and other search and rescue facilities on 24-hour alert. Trained personnel are organized to receive notice of a distress incident, dispatch an appropriate search and rescue resource, and provide appropriate assistance on-scene to minimize loss of lives and property. In addition, the Coast Guard actively cooperates with other agencies and foreign nations to provide more effective search and rescue in the maritime region.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Responses to search and rescue cases serviced by Coast Guard regular forces or Coast Guard directed forces (auxiliary).....	82,770	87,820	93,180
Lives saved.....	4,210	4,520	4,860
Persons otherwise assisted.....	179,000	190,000	201,600
Property loss prevented (in thousands).....	\$280,400	\$284,900	\$289,400

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. Included in aids to navigation are the Coast Guard's domestic ice operations which are performed by specially constructed icebreakers and cutters.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Loran-A coverage (thousands of square miles).....	2,736	2,736	1,544
Loran-C coverage (thousands of square miles).....	19,800	20,600	20,600
Federal floating aids.....	23,700	23,700	23,700
Federal fixed aids.....	24,300	24,300	24,300
Private aids authorized.....	37,000	37,000	37,000
Bridge permits and regulations issued.....	265	265	265
Domestic icebreaking:			
Operating hours.....	11,653	10,500	11,000
Vessels assisted.....	1,020	1,200	1,200

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 investigating casualties; and by setting standards, procedures,

and practices under which merchant marine personnel are licensed and regulated. The Coast Guard reduces 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 technical support of the individual State boating safety programs. 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.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Commercial vessel safety:			
U.S. commercial vessels undergoing construction, average monthly totals.....	725	775	800
Seamen's documents.....	47,420	47,259	47,098
Marine incidents reported.....	12,540	12,738	12,935
Seamen's records maintained.....	105,000	100,000	100,000
Admeasurement applications.....	11,146	11,500	11,850
Vessel documentation applications.....	214,604	223,425	232,425
U.S. commercial vessels inspected.....	10,786	11,000	11,194
Foreign flag vessels subject to SOLAS and U.S. safety requirements examined.....	1,450	1,500	2,000
Fixed offshore structures inspected.....	2,300	2,200	2,250
Uninspected vessel operations.....	1,200	1,200	18,677
Boating safety:			
Factory visits/inspections.....	2,128	2,300	2,500
Defect campaigns.....	195	200	200
Potential units affected.....	468,368	510,000	550,000
Classroom instruction (student lessons in millions).....	1.30	1.40	1.45
Courtesy motorboat examinations (auxiliary).....	303,199	325,000	350,000
Assists (auxiliary).....	17,759	19,000	20,000
Boat boardings.....	48,000	49,000	50,000
Port safety:			
Cargo vessels/barges boarded.....	64,500	66,400	68,400
Waterfront facilities inspected.....	59,900	59,000	59,000
Explosive loadings and other dangerous cargo inspections.....	2,300	2,300	2,300
Harbor patrols (operating hours).....	125,000	118,800	122,400

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.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Environmental protection:			
Aerial oil pollution patrols (flight hours).....	6,200	6,300	6,300
Oil and hazardous substances spills.....	15,000	16,000	16,000
Number of pollution investigations.....	9,000	9,500	9,500
District hearings.....	1,100	1,200	1,300
Number of civil penalties.....	3,200	3,400	3,400
Cargo transfer operations monitored.....	20,800	21,000	21,000
Oil pollution removal operations.....	6,000	7,000	7,000
Ocean dumping surveillance missions.....	800	600	200

5. *Enforcement of laws and treaties.*—Maritime enforcement of laws and treaties 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.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Cutter operating hours:			
Fisheries enforcement.....	52,470	60,000	60,000
General law enforcement.....	108,000	108,000	108,000
Aircraft flight hours:			
Fisheries enforcement.....	7,045	7,000	7,000
General law enforcement.....	7,700	7,700	7,700
Seizures—vessels.....	90	100	100

6. *Marine science and polar operations.*—Marine sci-

General and special funds—Continued

OPERATING EXPENSES—Continued

Seizures—vessels	90	100	100
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6. *Marine science and polar operations.*—Marine science activities, which include the International Ice Patrol, are carried out on a cooperative basis with other Government agencies. Polar ice operations 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.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Marine science activities:			
Oceanographic observations	2,550	2,500	2,500
Ship operating hours:			
High endurance cutters	840	700	700
Polar icebreakers	2,070	2,500	2,500
Aircraft hours (airborne radiation thermometer) ..	432	288	288
National Oceanic and Atmospheric Administration Data Buoy Office support:			
Environmental buoys serviced	27	30	30
Cutter operating days	247	239	240
Polar ice operations: Deliveries by escorted cargo ships:			
Tons of cargo	21,390	150,000	150,000
Barrels of fuel (in thousands)	551	800	800
International Ice Patrol:			
Aircraft hours	579	400	400
Ship operating hours	432	1,200	1,200

7. *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, and by Coast Guard single and multiship operations.

WORKLOAD DATA

	1979 actual	1980 estimate	1981 estimate
Units trained by Coast Guard training teams	340	360	360
Vessels participating in refresher training or shake-down training	45	48	48
Ship weeks	145	145	160
Independent gunnery exercises	515	550	550
Other independent exercises	15,650	18,000	20,000
Small arms courses fired	40,000	45,000	45,000

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

STATUS OF INDEBTEDNESS

(In thousands of dollars)

	1979 actual	1980 estimate	1981 estimate
Total debt incurred	3,556	3,556	3,556
Debt retirement:			
(a) Prior years	—1,918	—2,133	—2,357
(b) Current year	—215	—224	—234
Cumulative total	—2,133	—2,357	—2,591
Remaining debt, end of year	1,423	1,199	965

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-0201-0-1-403			
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions	90,717	95,152	99,897

11.3 Positions other than permanent	2,322	2,436	2,568
11.5 Other civilian personnel compensation	1,468	1,540	1,623
11.7 Military personnel	336,286	358,243	389,200
11.8 Special personal services payments	146	152	160
Total personnel compensation	430,939	457,523	493,448
Personnel benefits:			
12.1 Civilian	9,805	10,285	10,841
12.2 Military personnel	113,879	121,315	131,834
21.0 Travel and transportation of persons	32,535	30,921	33,705
22.0 Transportation of things	24,300	23,100	25,200
23.1 Standard level user charges	12,927	13,622	14,030
23.2 Communications, utilities, and other rent	54,250	63,500	70,000
24.0 Printing and reproduction	4,900	5,500	6,000
25.0 Other services	125,750	149,755	165,695
26.0 Supplies and materials	151,500	168,500	199,000
31.0 Equipment	19,775	22,750	25,000
32.0 Lands and structures	5,065	5,200	6,200
42.0 Insurance claims and indemnities	785	800	825
43.0 Interest and dividends	86	90	100
Total direct obligations	986,496	1,072,861	1,181,878
Reimbursable obligations:			
Personnel compensation:			
11.1 Permanent positions	430	460	550
11.7 Military personnel	1,782	1,950	1,750
Total personnel compensation	2,212	2,410	2,300
Personnel benefits:			
12.1 Civilian	47	50	20
12.2 Military personnel	693	760	650
21.0 Travel and transportation of persons	575	738	500
22.0 Transportation of things	214	82	75
23.2 Communications, utilities, and other rent	1,005	1,080	800
24.0 Printing and reproduction	3	5	5
25.0 Other services	10,900	11,975	7,800
26.0 Supplies and materials	5,425	6,000	4,000
31.0 Equipment	1,621	1,900	1,350
Total reimbursable obligations	22,695	25,000	17,500
99.0 Total obligations	1,009,191	1,097,861	1,199,378

Personnel Summary

Direct:			
Military:			
Total number of permanent positions	37,770	38,186	38,254
Total compensable workyears	36,583	37,570	37,627
Full-time equivalent of other positions	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours	(0)	(0)	(0)
Civilian:			
Total number of permanent positions	5,360	5,343	5,373
Total compensable workyears	5,468	5,450	5,479
Full-time equivalent of other positions	(292)	(292)	(308)
Full-time equivalent of overtime and holiday hours	(53)	(53)	(53)
Average ES salary	\$47,500	\$50,112	\$50,112
Average GS grade	7.88	7.89	7.89
Average GS salary	\$17,482	\$18,706	\$18,706
Average salary of ungraded positions	\$17,875	\$19,305	\$19,305
Reimbursable:			
Military:			
Total number of permanent positions	198	198	159
Total compensable workyears	198	198	159
Full-time equivalent of other positions	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours	(0)	(0)	(0)
Civilian:			
Total number of permanent positions	30	30	34
Total compensable workyears	28	28	32
Full-time equivalent of other positions	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours	(0)	(0)	(0)

Average GS grade.....	8.87	8.87	8.87
Average GS salary.....	\$18,596	\$19,897	\$19,897

ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS
[(INCLUDING TRANSFER OF FUNDS)]

For necessary expenses of acquisition, construction, rebuilding, and improvement of aids to navigation, shore facilities, vessels, and aircraft, including equipment related thereto; to remain available until September 30, 1985, [\$286,011,000] \$324,392,000. (Title 14, United States Code; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code 69-0240-0-1-403	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Search and rescue.....	47,543	62,830	53,731
2. Aids to navigation.....	13,667	40,043	51,682
3. Marine safety.....	7,164	11,065	11,674
4. Marine environmental protection.....	32,497	37,740	36,315
5. Enforcement of laws and treaties.....	61,811	132,898	89,614
6. Marine science and polar ice operations.....	20,711	7,446	18,036
7. Military readiness.....	16,709	7,028	8,546
Total direct program costs, funded....	200,102	299,050	269,598
Change in selected resources (undelivered orders).....	15,898	65,550	44,302
Total direct obligations.....	216,000	364,600	313,900
Reimbursable program:			
2. Aids to navigation.....	2,407	.....	.....
Change in selected resources (undelivered orders).....	-4,683	.....	.....
Total reimbursable obligations.....	-2,276	.....	.....
10.00 Total obligations.....	213,724	364,600	313,900
Financing:			
14.00 Offsetting collections from: Non-Federal sources.....	2,276	.....	.....
21.40 Unobligated balance available, start of year.....	-83,782	-154,147	-75,558
24.40 Unobligated balance available, end of year.....	154,147	75,558	86,050
25.00 Unobligated balance lapsing.....	252	.....	.....
Budget authority.....	286,617	286,011	324,392
Budget authority:			
Current:			
40.00 Appropriation.....	283,117	286,011	324,392
Permanent:			
62.00 Transferred from other accounts.....	3,500	.....	.....
63.00 Appropriation (adjusted).....	3,500	.....	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	216,000	364,600	313,900
72.40 Obligated balance, start of year.....	309,885	333,454	488,354
74.40 Obligated balance, end of year.....	-333,454	-488,354	-557,254
77.00 Adjustments in expired accounts.....	-373	.....	.....
90.00 Outlays.....	192,058	209,700	245,000

Note.—Capital investment: 1979, \$118,199 thousand; 1980, \$170,650 thousand; and 1981, \$150,410 thousand.

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 funded in the Operating expenses appropriation where estimated costs of a project are \$75 thousand or less, or where renewals and replacements involve less than 75% of the original facility. Although

most of the facilities listed below are multimission in nature, they are for this presentation highlighted only under their primary mission areas.

1. *Search and rescue.*—In 1981, ten 41-foot search and rescue boats will be constructed along with continued improvement and modernization of several 95-foot patrol (WPB) boats. The medium-range surveillance (MRS) aircraft and short-range recovery (SRR) helicopter procurement programs will continue. Construction, replacement, and/or renovation programs at selected shore sites and facilities are also provided for.

2. *Aids to navigation.*—Construction will begin on one new river tender (WLR) and the renovation of two 180-foot seagoing buoy tenders will continue. In addition, improvements to existing and the establishment of new waterway aids to navigation, the continuation of the lighthouse automation and modernization program, the loran-C improvement plan and procurement of two large navigation buoys (LNB's) are highlighted under this activity.

3. *Marine safety.*—Efforts to facilitate the marine safety mission will center on the acquisition, rehabilitation, renovation and improvement to selected vessels and shore facilities, including preconstruction costs for Marine Safety Office, Morgan City.

4. *Marine environmental protection.*—For 1981 this activity is primarily concerned with the procurement of oil pollution recovery systems with the capability to perform in open water areas and the procurement of dive team life support equipment and mobile command posts. The medium-range surveillance (MRS) aircraft and short-range recovery (SRR) helicopters will also be major contributors.

5. *Enforcement of laws and treaties.*—Emphasis in this activity centers on the continuation of the medium-endurance cutter replacement program and renovations and improvements to selected Coast Guard support centers.

6. *Marine science and polar ice operations.*—The 140-foot icebreaking tug (WTGB), medium-range surveillance aircraft, and short-range recovery helicopter procurement programs are the principal efforts of this activity for 1981.

7. *Military readiness.*—Major emphasis in this activity relates to the medium-endurance cutter replacement program.

Object Classification (in thousands of dollars)

Identification code 69-0240-0-1-403	1979 actual	1980 est.	1981 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	2,869	3,087	3,343
11.3 Positions other than permanent.....	11	13	17
11.5 Other civilian personnel compensation....	60	85	118
11.7 Military personnel.....	2,903	3,124	3,586
Total personnel compensation.....	5,843	6,309	7,064
Personnel benefits:			
12.1 Civilian.....	322	350	405
12.2 Military personnel.....	349	376	432
21.0 Travel and transportation of persons.....	1,400	1,234	1,732
22.0 Transportation of things.....	600	292	788
23.2 Communications, utilities, and other rent....	86	158	203
24.0 Printing and reproduction.....	46	54	67
25.0 Other services.....	20,603	36,634	34,013
26.0 Supplies and materials.....	28,779	47,443	43,865
31.0 Equipment.....	113,229	159,272	146,386

General and special funds—Continued

ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS—Continued

Object Classification (in thousands of dollars)—Continued

Identification code	69-0240-0-1-403	1979 actual	1980 est.	1981 est.
32.0	Lands and structures.....	28,845	46,928	34,643
	Total direct costs, funded.....	200,102	299,050	269,598
94.0	Change in selected resources.....	15,898	65,550	44,302
	Total direct obligations.....	216,000	364,600	313,900
Reimbursable obligations:				
25.0	Other services.....	2,305		
31.0	Equipment.....	102		
	Total reimbursable costs.....	2,407		
94.0	Change in selected resources.....	-4,683		
	Total reimbursable obligations.....	-2,276		
99.0	Total obligations.....	213,724	364,600	313,900

Personnel Summary

	1979 actual	1980 est.	1981 est.
Military:			
Total number of permanent positions.....	204	204	209
Total compensable workyears.....	198	198	203
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Civilian:			
Total number of permanent positions.....	202	202	202
Total compensable workyears.....	151	197	197
Full-time equivalent of other positions.....	(1)	(2)	(3)
Full-time equivalent of overtime and holiday hours.....	(2)	(3)	(4)
Average GS grade.....	9.42	9.42	9.42
Average GS salary.....	\$19,356	\$21,129	\$21,229

ALTERATION OF BRIDGES

For necessary expenses for alteration or removal of obstructive bridges; **[\$7,650,000]** \$16,200,000, to remain available until expended. (Title 14, United States Code; 33 U.S.C. 494, 511 et seq.; 49 U.S.C. 1,655 (g)(3); Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code	69-0244-0-1-403	1979 actual	1980 est.	1981 est.
Program by activities:				
	Alteration of bridges (operating costs, funded).....	7,238	16,100	16,200
	Change in selected resources (undelivered orders).....	-2,555	900	
10.00	Total obligations (object class 41.0).....	4,682	17,000	16,200
Financing:				
21.40	Unobligated balance available, start of year.....		-10,218	-868
24.40	Unobligated balance available, end of year..	10,218	868	868
40.00	Budget authority (appropriation).....	14,900	7,650	16,200
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	4,682	17,000	16,200
72.40	Obligated balance, start of year.....	12,951	10,396	15,396
74.40	Obligated balance, end of year.....	-10,396	-15,396	-15,396
90.00	Outlays.....	7,238	12,000	16,200

This appropriation provides the Government's share of the costs for altering or removing bridges determined to be obstructions to navigation. In 1981, funding is

requested to continue alteration of the Pearl River, Mississippi River, Gulf Intracoastal Waterway and Three Mile Creek bridges and begin alteration of the Pt. Pleasant Canal bridge.

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 payment under the Retired Serviceman's Family Protection and Survivor Benefit Plans: **[\$198,500,000]** \$232,000,000. (Title 14, United States Code; 10 U.S.C. 1164, 1166, 1201, 1204, 1205, 1263, 1293, 1305, 1431-55; 33 U.S.C. 763, 763-1, 763-2, 763a-1, 763a-2, 765, 771, 772; Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-0241-0-1-403	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. Regular military personnel.....	170,281	192,000	223,200
	2. Former Lighthouse Service personnel.....	2,006	1,900	1,800
	3. Reserve personnel.....	5,199	5,800	7,550
	4. Survivor benefit payments.....	5,025	4,695	6,100
	Total program costs.....	182,511	204,395	238,650
	Unfunded adjustments: Deductions from retired pay.....	-5,934	-5,895	-6,650
10.00	Total program costs, funded—obligations (object class 13.0).....	176,577	198,500	232,000
Financing:				
25.00	Unobligated balance lapsing.....	923		
40.00	Budget authority (appropriation).....	177,500	198,500	232,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	176,577	198,500	232,000
72.10	Receivables in excess of obligations, start of year.....	-109		
72.40	Obligated balance, start of year.....		2,057	2,057
74.40	Obligated balance, end of year.....	-2,057	-2,057	-2,057
77.00	Adjustments in expired accounts.....	3		
90.00	Outlays.....	174,414	198,500	232,000

This appropriation provides for retired pay of military personnel of the Coast Guard and Coast Guard Reserve, members of the former Lighthouse Service, and for annuities payable to beneficiaries of retired military personnel under the retired serviceman's family protection plan (10 U.S.C. 1431-1446) and survivor benefit plan (10 U.S.C. 1447-1455).

The actual numbers on the rolls at the end of 1979 were 19,818 and the numbers estimated to be on the rolls at the end of 1980 and 1981 are 20,482 and 21,131, respectively. The following tabulation shows the average number of personnel on the rolls during 1979 compared with estimated numbers for 1980 and 1981:

Category	AVERAGE NUMBER		
	1979 actual	1980 estimate	1981 estimate
Enlisted personnel.....	12,283	12,729	13,189
Commissioned officers.....	3,220	3,261	3,305
Warrant officers.....	2,497	2,571	2,661
Former Lighthouse Service personnel.....	194	174	144
Reserve personnel.....	922	974	1,063
Total.....	19,116	19,709	20,362

DEPARTMENT OF TRANSPORTATION

RESERVE TRAINING

For all necessary expenses for the Coast Guard Reserve, as authorized by law; maintenance and operation of facilities; and supplies, equipment, and services: **[\$41,255,000] \$45,007,000.** (Titles 10, 14, and 37, United States Code; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed for \$33,673,000.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-0242-0-1-403			
Program by activities:			
Direct program:			
1. Initial training	3,580	4,010	4,411
2. Continuing training.....	20,286	21,809	22,629
3. Operation and maintenance of training facilities	9,546	10,140	10,790
4. Administration	6,364	6,996	7,177
Total direct program costs, funded	39,776	42,955	45,007
Change in selected resources (undelivered orders)	730		
Total direct obligations.....	40,506	42,955	45,007
Reimbursable program:			
5. Miscellaneous services for other accounts (costs—obligations)	26	42	46
10.00 Total obligations	40,532	42,997	45,053
Financing:			
11.00 Offsetting collections from: Federal funds ...	-26	-42	-46
25.00 Unobligated balance lapsing	94		
Budget authority	40,600	42,955	45,007
Budget authority:			
40.00 Appropriation	40,600	41,255	45,007
44.20 Supplemental for civilian pay raises		125	
44.30 Supplemental for military pay raises		1,575	
Relation of obligations to outlays:			
71.00 Obligations incurred, net	40,506	42,955	45,007
72.40 Obligated balance, start of year	4,313	4,344	4,347
74.40 Obligated balance, end of year	-4,344	-4,347	-4,347
77.00 Adjustments in expired accounts	-748		
90.00 Outlays, excluding pay raise supplemental	39,727	41,255	45,004
91.20 Outlays from civilian pay raise supplemental		122	3
91.30 Outlays from military pay raise supplemental		1,575	

The Coast Guard Reserve Forces program's objective is to provide qualified individuals and trained units for active duty in time of war or national emergency. This objective is accomplished through formal training and augmentation of Regular Forces in the performance of peacetime missions during domestic emergencies and during routine and peak operations. Funds requested will provide a Ready Reserve of 19,900, including a Selected Reserve of 11,700.

1. *Initial training.*—This activity encompasses direct costs of initial training for three categories of nonprior service trainees. The first category involves those who perform approximately 30 weeks initial training comprised of recruit and entry level rate training. The second category involves reservists whose 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 entry level rate training and/or on-the-job training with the length of the period varying with the special-

ity. The third category involves those who receive only 15 weeks of initial training.

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

3. *Operation and maintenance of training facilities.*—All costs for the operation and maintenance of Reserve training facilities are programed under this activity. Included are the costs of a training vessel, the prorated share of the cost of joint usage of Coast Guard and other Armed Forces facilities, the cost of providing station-keeper personnel for 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 Forces 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

	1979 actual	1980 estimate	1981 estimate
Initial training: Initial active duty for training.....	149,160	160,000	160,000
Continuing training: Selected Reserve (with pay):			
Active duty for training	127,900	132,600	132,600
Drills (12-48 per year)	448,224	482,000	482,000
Other Ready Reserve (without pay):			
Drill training	19,815	14,000	14,000
Active duty for training	813	1,200	1,200

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-0242-0-1-403			
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	1,404	1,697	1,697
11.3 Positions other than permanent	23	23	23
11.5 Other civilian personnel compensation	70	35	35
11.7 Military personnel	28,869	31,805	32,025
Total personnel compensation.....	30,366	33,560	33,780
Personnel benefits:			
12.1 Civilian.....	150	150	150
12.2 Military personnel	780	914	1,648
21.0 Travel and transportation of persons.....	1,886	1,897	2,099
22.0 Transportation of things	358	337	386
23.1 Standard level user charges	311	321	321
23.2 Communications, utilities, and other rent	198	229	251
24.0 Printing and reproduction	98	114	125
25.0 Other services	1,562	1,596	1,639
26.0 Supplies and materials	3,389	3,416	4,155
31.0 Equipment	654	344	367
42.0 Insurance claims and indemnities.....	24	77	86
Total direct costs, funded.....	39,776	42,955	45,007
94.0 Change in selected resources	730		
Total direct obligations	40,506	42,955	45,007
Reimbursable obligations:			
11.7 Personnel compensation: Military personnel.....	23	35	39
12.2 Personnel benefits: Military personnel	1	2	2
21.0 Travel and transportation of persons.....	2	5	5
Total reimbursable obligations	26	42	46
99.0 Total obligations	40,532	42,997	45,053

Personnel Summary

	1979 actual	1980 est.	1981 est.
Military:			
Total number of permanent positions	714	714	729
Total compensable workyears	693	693	708

General and special funds—Continued

RESERVE TRAINING—Continued

Personnel Summary—Continued

Full-time equivalent of other positions	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours	(0)	(0)	(0)
Civilian:			
Total number of permanent positions	119	119	119
Total compensable workyears	117	117	117
Full-time equivalent of other positions	(1)	(1)	(1)
Full-time equivalent of overtime and holiday hours	(2)	(2)	(2)
Average GS grade	5.69	5.69	5.69
Average GS salary	\$13,029	\$13,943	\$13,941

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; **[\$22,000,000]** \$25,000,000, 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 research, development, testing and evaluation. (*Title 14, United States Code; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed.*)

Program and Financing (in thousands of dollars)

Identification code 69-0243-0-1-403	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Search and rescue	1,682	1,713	1,939
2. Aids to navigation	3,835	3,905	4,419
3. Marine safety	7,744	7,880	8,925
4. Marine environmental protection	6,118	6,228	7,049
5. Enforcement of laws and treaties	533	541	612
6. Marine science and polar ice operations	552	562	636
7. Military readiness	365	371	420
Total direct program costs, funded	20,829	21,200	24,000
Change in selected resources (undelivered orders)	270	800	.....
Total direct obligations	21,099	22,000	24,000
Reimbursable program:			
3. Marine safety	314	500	.....
4. Marine environmental protection	244	400	.....
Total reimbursable program costs, funded	558	900	.....
Change in selected resources (undelivered orders)	435	100	.....
Total reimbursable obligations	993	1,000	.....
10.00 Total obligations	22,092	23,000	24,000
Financing:			
11.00 Offsetting collections from: Federal funds	—993	—1,000	.....
21.40 Unobligated balance available, start of year	—1,342	—243	—243
24.40 Unobligated balance available, end of year	243	243	1,243
40.00 Budget authority (appropriation) ..	20,000	22,000	25,000
Relation of obligations to outlays:			
71.00 Obligations incurred, net	21,099	22,000	24,000
72.40 Obligated balance, start of year	15,051	15,696	17,696
74.40 Obligated balance, end of year	—15,696	—17,696	—19,696
90.00 Outlays	20,454	20,000	22,000

1. *Search and rescue.*—Emphasis will be placed on improving the search and rescue system effectiveness of Coast Guard forces. Ship/helicopter interface projects will be continued and/or completed for new and existing facilities; improved probability of detection methodology projects will be continued. Evaluation of rescue techniques and procedures will continue.

2. *Aids to navigation.*—Activities are designed to reduce the potential for damage to the environment and economic loss by an improved aid to navigation system for the maritime community. Continuing projects include applied research to develop loran-C for use in precision navigation in restricted waters and assess the effect of new technology of the global positioning navigation system on the maritime community. Continued emphasis will be given to the development of the quantitative relationship between visual aids to navigation and the accuracy of navigation and advanced development techniques to improve the accuracy and reliability of buoy positions.

3. *Marine safety.*—Commercial vessel safety research will be conducted to provide a knowledge base to support regulations and standards designed to prevent vessel casualties and to permit analysis of consequences of presently unpreventable accidents. Emphasis will be directed toward bulk hazardous cargo vessels and to human factors as they relate to the operation of vessels, transfer operations in U.S. ports, and the offshore industry operations. Recreational boating safety will emphasize background research for boating safety education, improved program impact measurement, safe loading standards, and personal flotation devices performance evaluation. Port safety and security research will develop vessel traffic management techniques to provide reliable and earlier conflict alerts, to assess impact of conflict resolution, to reduce congestion, and to route vessels of interest.

4. *Marine environmental protection.*—Emphasis is directed toward enhancing detection, identification, and quantification of pollutant spills, and development of new systems and procedures for the control and cleanup of those spills. Development and integration of a prototype airborne surveillance system for oil and hazardous substance identification and mapping of discharges should be completed.

5. *Enforcement of laws and treaties.*—This activity will initiate a limited multimission surveillance research and development program through the establishment of baseline system standards and levels of performance for surveillance of the 200-mile coastal management zone.

6. *Marine science and polar ice operations.*—The focus of this activity centers on ice-breaking and ice-clearing technology, improved effectiveness of the International Ice Patrol and the gathering of ice and ocean current information to facilitate ship movement in the arctic areas.

7. *Military readiness.*—Activity in this program area will be a direct result of work in the broad research programs, energy research and development, and multimission project areas.

Object Classification (in thousands of dollars)				
Identification code 69-0243-0-1-403	1979 actual	1980 est.	1981 est.	
Direct obligations:				
Personnel compensation:				
11.1	Permanent positions.....	2,227	2,436	2,575
11.3	Positions other than permanent.....	105	112	112
11.5	Other civilian personnel compensation.....	9	9	9
11.7	Military personnel.....	2,028	2,126	2,345
	Total personnel compensation.....	4,369	4,683	5,041
Personnel benefits:				
12.1	Civilian.....	214	230	243
12.2	Military personnel.....	225	236	261
21.0	Travel and transportation of persons.....	729	804	857
22.0	Transportation of things.....	88	99	116
23.1	Standard level user charges.....	124	127	127
23.2	Communications, utilities, and other rent....	418	441	533
24.0	Printing and reproduction.....	56	58	74
25.0	Other services.....	13,290	13,130	15,020
26.0	Supplies and materials.....	382	402	499
31.0	Equipment.....	934	986	1,225
32.0	Lands and structures.....		4	4
	Total direct costs, funded.....	20,829	21,200	24,000
94.0	Change in selected resources.....	270	800	
	Total direct obligations.....	21,099	22,000	24,000
Reimbursable obligations:				
21.0	Travel and transportation of persons.....	4		
25.0	Other services.....	551	900	
26.0	Supplies and materials.....	2		
	Total reimbursable costs.....	558	900	
94.0	Change in selected resources.....	435	100	
	Total reimbursable obligations.....	993	1,000	
99.0	Total obligations.....	22,092	23,000	24,000

Personnel Summary

Military:				
	Total number of permanent positions.....	110	110	112
	Total compensable workyears.....	107	107	107
	Full-time equivalent of other positions.....	(0)	(0)	(0)
	Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Civilian:				
	Total number of permanent positions.....	122	122	122
	Total compensable workyears.....	120	120	120
	Full-time equivalent of other positions.....	(7)	(7)	(7)
	Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
	Average ES salary.....	\$47,500	\$50,112	\$50,112
	Average GS grade.....	10.55	10.55	10.55
	Average GS salary.....	\$19,663	\$21,686	\$21,950

STATE BOATING SAFETY ASSISTANCE

Program and Financing (in thousands of dollars)

Identification code 69-0246-0-1-403	1979 actual	1980 est.	1981 est.	
Program by activities:				
	State boating safety assistance (operating costs, funded).....	4,895	2,368	
	Change in selected resources (undelivered orders).....	115	-2,205	
10.00	Total obligations (object class 41.0).....	5,009	163	
Financing:				
21.40	Unobligated balance available, start of year.....	-173	-163	
24.40	Unobligated balance available, end of year..	163		
40.00	Budget authority (appropriation) ..	5,000		

Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	5,009	163	
72.40	Obligated balance, start of year.....	1,282	1,923	
74.40	Obligated balance, end of year.....	-1,923		
90.00	Outlays.....	4,368	2,086	

This appropriation provided financial assistance for the development and implementation of comprehensive State boating safety programs. As a result of the success of this program in stimulating State boating safety functions, funding for this activity was terminated at the end of 1979. Additional resources were added to operations in 1979 to expand liaison with the States to support their continuing recreational boating safety activities. All remaining balances previously appropriated to this grant program should be expended by September 30, 1980.

【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, 33 U.S.C. 1321, \$10,000,000 to remain available until expended.】 (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code 69-5168-0-2-304	1979 actual	1980 est.	1981 est.	
Program by activities:				
	Operating costs, funded.....	14,640	22,000	7,000
	Change in selected resources (undelivered orders).....	4,102	2,000	
10.00	Total obligations.....	18,742	24,000	7,000
Financing:				
21.40	Unobligated balance available, start of year.....	-11,178	-7,042	-42
24.40	Unobligated balance available, end of year..	7,042	42	42
	Budget authority.....	14,605	17,000	7,000
Budget authority:				
Current authority:				
40.00	Appropriation.....	13,000	10,000	
Permanent authority:				
60.00	Appropriation.....	5,105	7,000	7,000
61.00	Transferred to other accounts.....	-3,500		
63.00	Appropriation (adjusted).....	1,605	7,000	7,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	18,742	24,000	7,000
72.40	Obligated balance, start of year.....	3,080	8,994	12,994
74.40	Obligated balance, end of year.....	-8,994	-12,994	-9,994
90.00	Outlays.....	12,827	20,000	10,000

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 owners or operators of a vessel, of an onshore facility or of an offshore facility does not accomplish immediate cleanup with their own resources. Expenditures from the fund are later reimbursed by the responsible owners or operators.

General and special funds—Continued

【POLLUTION FUND】—Continued

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-5168-0-2-304			
21.0 Travel and transportation of persons.....	112		
22.0 Transportation of things.....	7		
23.2 Communications, utilities, and other rent....	15		
25.0 Other services.....	14,041	22,000	7,000
26.0 Supplies and materials.....	416		
42.0 Insurance claims and indemnities.....	49		
Total costs, funded.....	14,640	22,000	7,000
94.0 Change in selected resources.....	4,102	2,000	
99.0 Total obligations.....	18,742	24,000	7,000

POLLUTION FUND

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-5168-2-2-304			
Program by activities:			
10.00 Operating costs, funded—obligations (object class 25.0).....			-7,000
Financing:			
40.00 Budget authority (appropriation).....			-7,000
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....			-7,000
90.00 Outlays.....			-7,000

The new Oil and Hazardous Substances Liability Fund in the Environmental Protection Agency will replace the narrower Pollution fund enacted in section 311K of the Federal Water Pollution Control Act.

OFFSHORE OIL POLLUTION COMPENSATION FUND

【For necessary expenses to carry out the provisions of title III of the Outer Continental Shelf Lands Act Amendments of 1978 (Public Law 95-372), such sums as may be necessary to be derived from the Offshore Oil Pollution Compensation Fund, to remain available until expended. In addition, the Secretary of Transportation is authorized to issue to the Secretary of the Treasury, to meet the obligations of the Fund, notes or other obligations pursuant to section 302 of the Amendments in such amounts and at such times as may be necessary.】 (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Amounts Available for Appropriation (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Unappropriated balance, start of year.....		226	226
Collections.....	226	12,000	12,000
Total available for appropriation.....	226	12,226	12,226
Appropriation.....		-12,000	-12,000
Proposed legislation.....			12,000
Unappropriated balance, end of year.....	226	226	226
Proposed legislation.....			-226

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-5167-0-2-304			
Program by activities:			
10.00 Operating costs (costs—obligations).....		14,000	14,000
Financing:			
Budget authority.....		14,000	14,000

Budget authority:

40.00 Appropriation (special fund, indefinite)....	12,000	12,000
47.10 Authority to borrow (Public Law 95-372).....	2,000	2,000

Relation of obligations to outlays:

71.00 Obligations incurred, net.....	14,000	14,000
90.00 Outlays.....	14,000	14,000

The Outer Continental Shelf Lands Act Amendments of 1978 requires the Coast Guard to perform additional Marine Safety and Environmental Protection missions on the Outer Continental Shelf. Title III of the law provides for an oil pollution compensation fund to pay compensation for damages, including cleanup, resulting from oil spills.

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-5167-0-2-304			
Personnel compensation:			
11.1 Permanent positions.....		450	464
11.7 Military personnel.....		127	127
Total personnel compensation.....		577	591
Personnel benefits:			
12.1 Civilian.....		40	42
12.2 Military.....		22	22
21.0 Travel and transportation of persons.....		184	200
22.0 Transportation of things.....		18	20
23.2 Communications, utilities, and other rent....		60	60
25.0 Other services.....		11,599	11,565
26.0 Supplies and materials.....		100	100
42.0 Insurance claims, and indemnities.....		1,400	1,400
99.0 Total obligations.....		14,000	14,000

Personnel Summary

Military:			
Total number of permanent positions.....	6	6	6
Total compensable workyears.....	0	4	6
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average number.....	6	6	6
Civilian:			
Total number of permanent positions.....	22	22	22
Total compensable workyears.....	0	11	22
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average GS grade.....	9.77	9.77	9.77
Average GS salary.....	\$19,343	\$20,697	\$21,318

OFFSHORE OIL POLLUTION COMPENSATION FUND

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-5167-2-2-304			
Program by activities:			
10.00 Operating costs (obligations).....			-14,000
Financing:			
Budget authority.....			-14,000
Budget authority:			
40.00 Appropriation (special fund, indefinite)....			-12,000
47.10 Authority to borrow.....			-2,000

Relation of obligations to outlays:			
71.00	Obligations incurred, net	—14,000	
90.00	Outlays	—14,000	

The new Oil and Hazardous Substances Liability Fund in the Environmental Protection Agency will replace the narrower Offshore Oil Pollution Fund enacted in the Outer Continental Shelf Lands Act Amendments of 1978.

Object Classification (in thousands of dollars)			
Identification code	69-5167-2-2-304	1979 actual	1980 est. 1981 est.
Personnel compensation:			
11.1	Permanent positions		—464
11.7	Military personnel		—127
	Total personnel compensation		—591
Personnel benefits:			
12.1	Civilian		—42
12.2	Military		—22
21.0	Travel and transportation of persons		—200
22.0	Transportation of things		—20
23.2	Communications, utilities, and other rent		—60
25.0	Other services		—11,565
26.0	Supplies and materials		—100
42.0	Insurance claims and indemnities		—1,400
99.0	Total obligations		—14,000

Personnel Summary

Military:			
	Total number of permanent positions		—6
	Total compensable workyears		—6
	Full-time equivalent of other positions		(0)
	Full-time equivalent of overtime and holiday hours		(0)
	Average number		—6
Civilian:			
	Total number of permanent positions		—22
	Total compensable workyears		—22
	Full-time equivalent of other positions		(0)
	Full-time equivalent of overtime and holiday hours		(0)
	Average GS grade		9.77
	Average GS salary		\$21,318

Intragovernmental funds:

COAST GUARD SUPPLY FUND

To increase the capital of the Coast Guard Supply Fund; \$1,500,000, to remain available until expended. (14 U.S.C. 650.)

Program and Financing (in thousands of dollars)

Identification code	69-4535-0-4-403	1979 actual	1980 est.	1981 est.
Program by activities:				
	Operating costs, funded: Cost of goods sold	60,447	70,875	81,129
	Change in selected resources (undelivered orders and stores)	2,321	1,806	2,381
10.00	Total obligations (object class 26.0)	62,768	72,681	83,510
Financing:				
Offsetting collections from:				
Federal funds:				
11.00	Revenue	—53,764	—61,561	—71,144
	Change in unfilled customers' orders	—1,370	—1,706	—1,081
14.00	Non-Federal sources	—7,271	—9,314	—9,985
21.98	Unobligated balance available, start of year: Fund balance	—488	—124	—24

Unobligated balance available, end of year:			
24.40	Appropriation		200
24.98	Fund balance	124	24
40.00	Budget authority (appropriation)		1,500

Relation of obligations to outlays:				
71.00	Obligations incurred, net	364	100	1,300
72.98	Obligated balance, start of year	2,879	2,054	1,754
74.98	Obligated balance, end of year	—2,054	—1,754	—1,754
90.00	Outlays	1,189	400	1,300

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 180 feet in length. The fund is normally financed by reimbursements from sale of goods.

Activity of approximately \$81 million in this fund in 1981 is divided as follows: 7% for uniform clothing; 36% for commissary provisions; 14% for general stores and technical material; and 43% for fuel.

Budget authority of \$1.5 million will increase the range and depth of supply items managed in the Supply fund to significantly improve operating effectiveness of Coast Guard units. The budget authority will also help minimize the impact caused by significant increases in the prices of fuel and other commodities carried in the fund.

COAST GUARD YARD FUND

Program and Financing (in thousands of dollars)

Identification code	69-4743-0-4-403	1979 actual	1980 est.	1981 est.
Program by activities:				
Operating costs:				
	Cost of goods sold	10,120	10,027	10,715
	Other	21,468	22,752	24,230
	Total operating costs, funded	31,589	32,779	34,945
	Capital investment, funded: Purchase of equipment	227	395	300
	Total program costs, funded	31,815	33,174	35,245
	Change in selected resources (undelivered orders and stores)	—788	—1,396	—2,173
10.00	Total obligations	31,027	31,778	33,072
Financing:				
Offsetting collections from:				
Federal funds:				
11.00	Sale of goods and services	—31,679	—32,561	—35,100
	Change in unfilled customers' orders on hand	5,837	591	5,300
14.00	Non-Federal sources:			
	Sale of scrap and excess material	—90	—69	—70
	Proceeds from sale of equipment		—1	—2
21.98	Unobligated balance available, start of year	—10,033	—4,938	—5,200
24.98	Unobligated balance available, end of year	4,938	5,200	2,000
Budget authority				
Relation of obligations to outlays:				
71.00	Obligations incurred, net	5,095	—262	3,200
72.98	Obligated balance, start of year	2,592	4,183	2,800
74.98	Obligated balance, end of year	—4,183	—2,800	—1,000
90.00	Outlays	3,504	1,121	5,000

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

Intragovernmental funds—Continued

COAST GUARD YARD FUND—Continued

Coast Guard appropriations and other agencies for all direct and indirect costs.

ANALYSIS BY TYPE OF WORK

	(Percent)		
	1979 actual	1980 estimate	1981 estimate
Vessel repairs and alterations.....	62	70	58
Vessel construction.....		5	12
Boat repairs and construction.....	20	10	17
Buoy fabrication.....	8	7	6
Fabrication of special and miscellaneous items.....	10	8	7
Total.....	100	100	100

Object Classification (in thousands of dollars)

Identification code 69-4743-0-4-403	1979 actual	1980 est.	1981 est.
Personnel compensation:			
11.1 Permanent positions.....	15,301	16,359	17,483
11.3 Positions other than permanent.....	28	30	30
11.5 Other civilian personnel compensation....	1,879	1,714	1,316
11.7 Military personnel.....	403	440	444
Total personnel compensation.....	17,611	18,543	19,273
Personnel benefits:			
12.1 Civilian.....	1,608	1,718	1,837
12.2 Military personnel.....	20	20	20
21.0 Travel and transportation of persons.....	8	12	38
22.0 Transportation of things.....	60	84	65
23.2 Communications, utilities, and other rent....	1,159	1,673	1,800
24.0 Printing and reproduction.....	4	6	7
25.0 Other services.....	705	755	750
26.0 Supplies and materials.....	10,442	10,150	11,238
31.0 Equipment.....	198	213	217
Total costs.....	31,815	33,174	35,245
94.0 Change in selected resources, net of unfunded adjustments.....	-788	-1,396	-2,173
99.0 Total obligations.....	31,027	31,778	33,072

Personnel Summary

Military:			
Total number of permanent positions.....	24	24	24
Total compensable workyears.....	23	23	23
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Civilian:			
Total number of permanent positions.....	1,007	1,007	1,007
Total compensable workyears.....	960	938	979
Full-time equivalent of other positions.....	(2)	(2)	(2)
Full-time equivalent of overtime and holiday hours.....	(73)	(67)	(51)
Average GS grade.....	7.94	7.94	7.94
Average GS salary.....	\$17,098	\$18,479	\$18,664
Average salary of ungraded positions.....	\$17,015	\$18,546	\$18,560

Trust Funds

COAST GUARD GENERAL GIFT FUND

Program and Financing (in thousands of dollars)

Identification code 69-8533-0-7-403	1979 actual	1980 est.	1981 est.
Program by activities:			
10.00 Training and morale (costs—obligations) ..	10	30	30
Financing:			
21.40 Unobligated balance available, start of year:			

Treasury balance.....	-10	-25	-25
U.S. securities (par).....	-20	-20	-20
24.40 Unobligated balance available, end of year:			
Treasury balance.....	25	25	25
U.S. securities (par).....	20	20	20
60.00 Budget authority (appropriation) (permanent, indefinite).....	25	30	30
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	10	30	30
72.40 Obligated balance, start of year.....	1	1	1
74.40 Obligated balance, end of year.....	-1	-1	-1
90.00 Outlays.....	11	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 69-8533-0-7-403	1979 actual	1980 est.	1981 est.
25.0 Other services.....	7	23	23
26.0 Supplies and materials.....	2	4	4
31.0 Equipment.....	1	3	3
99.0 Total obligations.....	10	30	30

SPECIAL STATISTICAL WORK

Program and Financing (in thousands of dollars)

Identification code 69-8535-0-7-403	1979 actual	1980 est.	1981 est.
Program by activities:			
Special studies (operating costs, funded)...	150		
Change in selected resources (undelivered orders).....	-150		
10.00 Total obligations.....			
Financing:			
Budget authority.....			
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....			
72.40 Obligated balance, start of year.....	161	11	
74.40 Obligated balance, end of year.....	-11		
90.00 Outlays.....	150	11	

Under the provisions of Public Law 89-670, this fund financed special statistical studies relating to foreign and domestic transportation and special studies relating to other matters falling within the province of the Department of Transportation.

MISCELLANEOUS TRUST REVOLVING FUNDS

Program and Financing (in thousands of dollars)

Identification code 69-9981-0-8-403	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Cadet activities.....	3,340	3,524	3,614
2. Surcharge collections, sales of commissary stores.....	247	166	180
10.00 Total program costs, funded—obligations.....	3,587	3,690	3,794
Financing:			
11.00 Offsetting collections from:			
Federal funds.....	-3,340	-3,524	-3,614

14.00	Non-Federal sources.....	-226	-114	-128
21.98	Unobligated balance available, start of year.....	-208	-187	-135
24.98	Unobligated balance available, end of year..	187	135	83
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	21	52	52
72.98	Obligated balance, start of year.....	37	279	306
74.98	Obligated balance, end of year.....	-279	-306	-333
90.00	Outlays.....	-221	25	25
Distribution of outlays by account:				
	Cadet activities.....	-246		
	Surcharge collections, sales of commissary stores.....	25	25	25

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 69-9981-0-8-403	1979 actual	1980 est.	1981 est.
23.2 Communications, utilities, and other rent....	15	16	17
25.0 Other services.....	2,435	2,490	2,553
26.0 Supplies and materials.....	1,122	1,159	1,197
31.0 Equipment.....	15	25	27
99.0 Total obligations.....	3,587	3,690	3,794

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:

Budget authority:	1979	1980	1981
Operations.....	2,033	2,172	2,267
Trust fund.....	(300)	(325)	(1,300)
Facilities, engineering and development.....	18	21	25
Metropolitan Washington airports.....	29	34	47
Grants-in-aid for airports (trust).....	644	650	700
Facilities and equipment (trust).....	¹ 345	² 293	350
Research, engineering and development (trust) ..	75	75	85
Total net.....	3,144	3,245	3,474
Program level:			
Operations.....	2,036	2,176	2,267
Trust fund.....	(300)	(325)	(1,300)
Facilities, engineering and development.....	19	24	25
Metropolitan Washington airports.....	28	36	48
Grants-in-aid for airports (trust).....	639	651	700
Facilities and equipment (trust).....	271	258	287
Research, engineering, and development (trust) .	81	78	85
Civil supersonic aircraft development termination.	-10		

Aviation insurance revolving fund.....	-1	-1	-1
Aircraft loan guarantees.....	10	400	400
Total net.....	3,073	3,622	3,811
Outlays:			
Operations.....	1,991	2,150	2,239
Trust fund.....	(300)	(325)	(1,300)
Facilities, engineering and development.....	16	22	18
Metropolitan Washington airports.....	29	41	39
Grants-in-aid for airports (trust).....	556	620	665
Facilities and equipment (trust).....	188	219	255
Research, engineering and development (trust) ..	70	72	81
Aviation insurance revolving fund.....	-1	-1	-1
Total net.....	2,849	3,123	3,296

¹ Includes \$54 million reappropriation.
² Includes \$43 million reappropriation.
³ Includes \$1 million program supplemental.

Federal Funds

General and special funds:

OPERATIONS

[INCLUDING TRANSFER OF FUNDS]

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, as amended, or other provisions of law authorizing obligation of funds for similar programs of airport and airway development or improvement; purchase of five passenger motor vehicles for replacement only and purchase and repair of skis and snowshoes: **[\$2,085,520,000] \$2,266,566,000**, of which [not to exceed \$325,000,000] **\$1,300,000,000**, shall be derived 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 and, in addition, not to exceed \$5,000,000 from unobligated balances in the appropriations for "Civil supersonic aircraft development" and "Civil supersonic aircraft development termination" may be transferred to this account]; *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; *Provided further*, That none of these funds shall be available for new applicants for the second career training program. (4 U.S.C. 1830; 10 U.S.C. 4655; 49 U.S.C. 1151-60, 1301 et seq.; 50 U.S.C. App. 1622(q); Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation has been proposed for \$1,300,000,000.)

Program and Financing (in thousands of dollars)

Identification code 69-1301-0-1-402	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Operations:			
(a) Operation of traffic control system.....	1,010,834	1,084,225	1,110,732
(b) Installation and materiel services.....	247,507	267,016	291,549
(c) Maintenance of traffic control system.....	505,496	540,304	567,291
(d) Administration of flight standards program.....	213,931	227,859	236,398
(e) Administration of medical programs.....	11,996	12,963	13,731
(f) Development direction.....	14,829	14,596	15,110
(g) Administration of airports program.....	31,108	31,775	33,016
2. Facilities and equipment.....	2	74	
3. Engineering and development.....		2	
Total direct program—obligations.....	2,035,703	2,178,814	2,267,827

General and special funds—Continued

OPERATIONS—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code	69-1301-0-1-402	1979 actual	1980 est.	1981 est.
Reimbursable program:				
1. Operations:				
	(a) Operation of traffic control system.....	3,512	6,590	6,990
	(b) Installation and materiel services.....	2,991	2,943	2,950
	(c) Maintenance of traffic control system.....	7,644	10,723	11,088
	(d) Administration of flight standards program.....	4,638	5,384	5,546
	(e) Administration of medical programs.....	16	18	18
	(f) Development direction.....	1		
	(g) Administration of airports program.....	286	520	559
	Total reimbursable program—obligations.....	19,088	26,178	27,151
10.00	Total obligations.....	2,054,791	2,204,992	2,294,978
Financing:				
Offsetting collections from:				
11.00	Federal funds.....	-8,112	-16,635	-16,972
13.00	Trust funds.....	-300,000	-325,000	-1,300,000
14.00	Non-Federal sources.....	-10,976	-10,824	-11,440
21.40	Unobligated balance available, start of year.....	-78	-76	
22.40	Unobligated balance transferred from other accounts.....	-5,000	-5,000	
24.40	Unobligated balance available, end of year.....	76		
25.00	Unobligated balance lapsing.....	2,042		
	Budget authority.....	1,732,743	1,847,457	966,566
Budget authority:				
40.00	Appropriation.....	1,735,400	1,760,520	966,566
41.00	Transferred to other accounts.....	-2,657	-3,225	
43.00	Appropriation (adjusted).....	1,732,743	1,757,295	966,566
44.20	Supplemental for civilian pay raises.....		90,162	
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	1,735,703	1,852,533	966,566
72.40	Obligated balance, start of year.....	147,214	182,945	210,441
74.40	Obligated balance, end of year.....	-182,945	-210,441	-238,107
77.00	Adjustments in expired accounts.....	-8,889		
90.00	Outlays, excluding pay raise supplemental.....	1,691,083	1,737,775	936,000
91.20	Outlays from civilian pay raise supplemental.....		87,262	2,900

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 on a 24-hour basis. 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. Terminal control facilities are operated at 445 major civil airports to guide traffic movements at and in the vicinity of the airports. Some 322 domestic and international flight service stations provide weather and other information to pilots and relay traffic control data between ground controllers and pilots.

TRENDS IN VOLUME OF AIR TRAFFIC

Year:	Landings and takeoffs at airports with FAA towers (in millions)	Instrument operations at airports with FAA traffic control service (in millions)	Revenue passenger miles (in billions)
1977 actual.....	66.7	31.5	187.7
1978 actual.....	67.2	33.5	218.9
1979 estimate.....	70.6	34.8	256.1
1980 estimate.....	73.9	40.1	273.7
1981 estimate.....	77.0	41.7	288.2

(b) *Installation and materiel services.*—This activity covers procurement, contracting and materiel management programs; leases communications services for the traffic control system, and administrative communications services provided through the Federal Telecommunications System (FTS); supplies support for the National Airspace System (NAS) and agency aircraft, except for aircraft related to the research and development program; leases costs for space for which payment is made to General Services Administration (GSA), and provides other logistics support functions. The increase in 1981 will provide for increased costs primarily related to supply support, leased communications and other services for both existing facilities and new facilities authorized under prior year establishment programs. These costs are partially offset by reduced staffing requirements.

(c) *Maintenance of traffic control system.*—This activity covers direction and engineering services related to the maintenance, improvement, and modification of facilities and equipment in the traffic control system; and technical operation and maintenance of a national network of air navigation aids and traffic control facilities in the United States and its possessions. The increase in 1981 primarily provides for increased costs related to the operation and maintenance of both existing and new facilities, partially offset by a reduction in staffing requirements.

(d) *Administration of flight standards program.*—This activity exists to promote flight safety of commercial civil aircraft by assuring the airworthiness of aircraft; the competence of pilots, aviators and aviator technicians; the adequacy of flight procedures and air operations; the evaluation of inflight 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 pilots 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 airmen medical certification; the management of a corps of over 7,800 designated aviation medical examiners trained in the special requirements of aviation medicine; the medical investigation of fatal general aviation aircraft accidents; the development and supervision of an occupational health program for agency personnel; the administration of an airman medical education pro-

gram and the administration of an aviation medical research program, the costs of which are financed under the Research, engineering and development and 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.

(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; (2) maintenance of a 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 serving Civil Aeronautics Board certificated air carriers.

Object Classification (in thousands of dollars)

Identification code 69-1301-0-1-402	1979 actual	1980 est.	1981 est.
FEDERAL AVIATION ADMINISTRATION			
Direct:			
Personnel compensation:			
11.1 Permanent positions.....	1,312,654	1,429,392	1,461,580
11.3 Positions other than permanent.....	34,574	26,569	21,538
11.5 Other personnel compensation.....	81,840	90,300	91,308
11.8 Special personal services payments.....	818	472	421
Total personnel compensation.....	1,429,886	1,546,733	1,574,847
12.1 Personnel benefits: Civilian.....	190,974	205,892	213,819
13.0 Benefits for former personnel.....	53	25	25
21.0 Travel and transportation of persons.....	45,448	42,881	47,169
22.0 Transportation of things.....	14,824	14,435	15,879
23.1 Standard level user charges.....	17,745	18,125	19,775
23.2 Communications, utilities, and other rent.....	80,359	93,360	103,066
24.0 Printing and reproduction.....	8,302	9,902	10,388
25.0 Other services.....	98,241	102,022	116,778
26.0 Supplies and materials.....	68,955	63,488	76,216
31.0 Equipment.....	16,389	10,757	15,313
32.0 Lands and structures.....	267	217	317
42.0 Insurance claims and indemnities.....	196	121	127
Total direct obligations.....	1,971,639	2,107,958	2,193,719
Reimbursable:			
Personnel compensation:			
11.1 Permanent positions.....	9,972	12,974	14,511
11.3 Positions other than permanent.....	150	138	138
11.5 Other personnel compensation.....	595	1,079	1,262
11.8 Special personal services payments.....	378	300	350
Total personnel compensation.....	11,095	14,491	16,261
12.1 Personnel benefits: Civilian.....	1,491	2,923	2,648
21.0 Travel and transportation of persons.....	843	1,215	1,337
22.0 Transportation of things.....	294	776	854
23.2 Communications, utilities, and other rent.....	542	722	744
24.0 Printing and reproduction.....	56	132	146
25.0 Other services.....	937	1,987	1,206
26.0 Supplies and materials.....	3,792	3,777	3,823
31.0 Equipment.....	38	155	132
Total reimbursable obligations.....	19,088	26,178	27,151
Total obligations, Federal Aviation Administration.....	1,990,727	2,134,136	2,220,870
ALLOCATION TO DEPARTMENT OF DEFENSE			
23.2 Communications, utilities, and other rent.....	64,064	70,856	74,108
99.0 Total obligations.....	2,054,791	2,204,992	2,294,978

Personnel Summary

Direct:			
Total number of permanent positions.....	54,407	54,372	54,299
Total compensable workyears.....	54,654	53,164	53,054
Full-time equivalent of other positions.....	(1,787)	(1,552)	(1,545)
Full-time equivalent of overtime and holiday hours.....	(1,354)	(1,340)	(1,300)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	11.36	11.43	11.47
Average GS salary.....	\$26,086	\$28,400	\$28,852
Average NM grade.....	11.11	11.11	11.11
Average NM salary.....	\$29,195	\$32,004	\$33,368
Average salary of ungraded positions.....	\$19,450	\$20,563	\$21,130
Reimbursable:			
Total number of permanent positions.....	550	550	550
Total compensable workyears.....	512	570	600
Full-time equivalent of other positions.....	(15)	(14)	(14)
Full-time equivalent of overtime and holiday hours.....	(7)	(17)	(19)
Average GS grade.....	9.73	9.95	9.97
Average GS salary.....	\$20,292	\$21,487	\$21,663
Average FC grade.....	11.10	11.10	11.10
Average FC salary.....	\$36,182	\$41,155	\$42,621
Average salary of ungraded positions.....	\$20,859	\$21,902	\$21,967

FACILITIES, ENGINEERING AND DEVELOPMENT

For necessary expenses of the Federal Aviation Administration, not otherwise provided for, 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 two aircraft for replacement only], \$20,500,000 \$24,500,000, to remain available until expended: *Provided*, That there may be credited to this appropriation, funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred for engineering and development. (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)

Identification code 69-1303-0-1-402	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Engineering and development.....	15,911	19,806	19,250
2. Facilities and equipment.....	2,713	4,030	5,250
Total direct program costs—obligations.....	18,624	23,836	24,500
Reimbursable program:			
1. Engineering and development—obligations.....	563	1,000	1,000
10.00 Total program costs, funded—obligations.....	19,187	24,836	25,500
Financing:			
Offsetting collections from:			
11.00 Federal funds.....	—463	—900	—900
14.00 Non-Federal sources.....	—100	—100	—100
21.40 Unobligated balance available, start of year.....	—3,445	—3,336	.....
22.40 Unobligated balance transferred from other accounts.....	—145	.....	.....
24.40 Unobligated balance available, end of year..	3,336	.....	.....
40.00 Budget authority (appropriation).....	18,370	20,500	24,500
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	18,624	23,836	24,500
72.40 Obligated balance, start of year.....	12,744	15,103	16,795
74.40 Obligated balance, end of year.....	—15,103	—16,795	—22,975
90.00 Outlays.....	16,265	22,144	18,320

General and special funds—Continued

FACILITIES, ENGINEERING AND DEVELOPMENT—Continued

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 the purchase of 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, improvement and replacement of navigation equipment, and purchase of explosive detection devices for testing and evaluation purposes.

Object Classification (in thousands of dollars)

Identification code 69-1303-0-1-402	1979 actual	1980 est.	1981 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	4,240	4,075	4,061
11.3 Positions other than permanent.....	41	55	56
11.5 Other personnel compensation.....	35	41	41
11.8 Special personal services payments.....	17		
Total personnel compensation.....	4,333	4,171	4,158
12.1 Personnel benefits: Civilian.....	421	405	403
21.0 Travel and transportation of persons.....	172	192	211
22.0 Transportation of things.....	35	42	46
23.2 Rent, communications, and utilities.....	5		
25.0 Other services.....	10,085	14,500	13,992
26.0 Supplies and materials.....	499	361	367
31.0 Equipment.....	3,074	4,165	5,323
Total direct obligations.....	18,624	23,836	24,500
Reimbursable obligations:			
11.1 Personnel compensation: Permanent positions.....	135	133	134
12.1 Personnel benefits: Civilian.....	12	12	13
21.0 Travel and transportation of persons.....	4	4	4
25.0 Other services.....	304	738	732
26.0 Supplies and materials.....	73	75	76
31.0 Equipment.....	35	38	41
Total reimbursable obligations.....	563	1,000	1,000
99.0 Total obligations.....	19,187	24,836	25,500

Personnel Summary

Direct:	1979 actual	1980 est.	1981 est.
Total number of permanent positions.....	160	160	151
Total compensable workyears.....	152	138	139
Full-time equivalent of other positions.....	(2)	(2)	(2)
Full-time equivalent of overtime and holiday hours.....	(1)	(1)	(1)

Average GS grade.....	11.51	11.50	11.43
Average GS salary.....	\$27,307	\$29,605	\$29,628
Average salary of ungraded positions.....	\$19,115	\$20,453	\$20,453
Reimbursable:			
Total number of permanent positions.....	6	6	6
Total compensable workyears.....	5	6	6
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average GS grade.....	11.33	11.33	11.33
Average GS salary.....	\$25,017	\$27,407	\$27,731

OPERATION AND MAINTENANCE, METROPOLITAN WASHINGTON AIRPORTS*

* See Part III for additional information.

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; **[\$25,465,000] \$28,585,000: Provided, That there may be credited to this appropriation, funds received from air carriers, concessionaires and non-Federal tenants sufficient to cover utility and fuel costs which are in excess of \$5,506,000: Provided further, That there may be credited to this appropriation, funds received from States, counties, municipalities, other public authorities, or private sources, for expenses incurred in the maintenance and operation of the federally owned civil airports. (49 U.S.C. 1301 et seq.; 54 Stat. 686, as amended, 1030 and 1039; 64 Stat. 770, as amended; Department of Transportation and Related Agencies Appropriation Act, 1980.)**

Program and Financing (in thousands of dollars)

Identification code 69-1332-0-1-402	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Washington National Airport.....	11,442	12,599	13,975
2. Dulles International Airport.....	11,523	12,509	13,146
Total operating costs.....	22,965	25,108	27,121
Capital investment, funded:			
1. Washington National Airport.....	541	617	1,153
2. Dulles International Airport.....	721	659	342
Total capital investment.....	1,262	1,276	1,495
Total direct costs, funded.....	24,227	26,384	28,616
Reimbursable program.....	207	711	771
Total program costs, funded.....	24,434	27,095	29,387
Change in selected resources (stores, undelivered orders, accrued annual leave).....	-73	-81	-31
10.00 Total obligations.....	24,361	27,014	29,356
Financing:			
11.00 Offsetting collections from: Federal funds.....	-207	-711	-771
25.00 Unobligated balance lapsing.....	334		
Budget authority.....	24,488	26,303	28,585

Budget authority:			
40.00 Appropriation.....	24,488	25,465	28,585
44.20 Supplemental for civilian pay raises.....		838	

Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	24,154	26,303	28,585
72.40 Obligated balance, start of year.....	2,484	3,163	2,820
74.40 Obligated balance, end of year.....	-3,163	-2,820	-3,205

77.00	Adjustments in expired accounts.....	-100		
90.00	Outlays, excluding pay raise supplement- mental.....	23,375	25,838	28,170
91.20	Outlays from civilian pay raise supplement- mental.....		808	30

This appropriation finances maintenance, operations, management, and capital investment 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 investment are financed by direct appropriation.

Combined revenues are expected to exceed the 1981 appropriation by \$15.3 million. The operating profit at Washington National in 1981 is expected to be \$12,193 thousand and \$3,317 thousand at Dulles International for a total operating profit of \$15,510 thousand. However, the deduction of \$6,675 thousand in depreciation and interest for the two airports results in a net profit of \$8,835 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.

For 1981, it is proposed that, to the extent airport utility costs rise above those budgeted, revenues may be used to cover them.

The following table reflects increase in activity at the airports:

	1979 actual	1980 estimate	1981 estimate
Washington National Airport:			
Passengers (thousands).....	15,009	15,970	16,170
Air operations (thousands).....	351	360	360
Air cargo (million pounds).....	176	181	187
Freight.....	(81)	(84)	(88)
Mail.....	(95)	(97)	(99)
Dulles International Airport:			
Passengers (thousands).....	3,519	3,713	4,123
Domestic.....	(2,904)	(2,989)	(3,319)
International.....	(615)	(724)	(804)
Air operations (thousands).....	175	221	227
Air cargo (million pounds).....	125	144	153
Freight.....	(76)	(91)	(96)
Mail.....	(49)	(53)	(57)

Object Classification (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	13,101	14,803	15,259
11.3 Positions other than permanent.....	192	201	202
11.5 Other personnel compensation.....	1,801	1,739	1,789
Total personnel compensation.....	15,094	16,743	17,250
12.1 Personnel benefits: Civilian.....	1,383	1,516	1,576
21.0 Travel and transportation of persons.....	60	69	76
22.0 Transportation of things.....	3	6	7
23.2 Communications, utilities, and other rent....	3,924	3,971	4,430
24.0 Printing and reproduction.....	8	21	21
25.0 Other services.....	658	1,007	1,099
26.0 Supplies and materials.....	1,974	1,992	2,885
31.0 Equipment.....	1,119	950	1,045
32.0 Lands and structures.....	2	104	222
42.0 Insurance claims and indemnities.....	2	5	5
Total direct costs, funded.....	24,227	26,384	28,616

94.0	Change in selected resources.....	-73	-81	-31
	Total direct obligations.....	24,154	26,303	28,585
	Reimbursable obligations:			
23.2	Communications, utilities, and other rent....	75	210	230
26.0	Supplies and materials.....	132	441	481
31.0	Equipment.....		60	60
	Total reimbursable obligations.....	207	711	771
99.0	Total obligations.....	24,361	27,014	29,356

Personnel Summary

Total number of permanent positions.....	826	826	826
Total compensable workyears.....	837	841	879
Full-time equivalent of other positions.....	(16)	(15)	(15)
Full-time equivalent of overtime and holiday hours.....	(69)	(50)	(51)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	7.02	6.98	6.98
Average GS salary.....	\$16,795	\$18,040	\$18,281
Average salary of ungraded positions.....	\$17,202	\$18,613	\$18,807

CONSTRUCTION, METROPOLITAN WASHINGTON AIRPORTS

For necessary expenses for construction at the federally owned civil airports in the vicinity of the District of Columbia [\$6,785,000] \$18,350,000, to remain available until September 30, [1982] 1983. (49 U.S.C. 1301 et seq.; 54 Stat. 686, as amended 1030, 1039; 64 Stat. 770, as amended; Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code 69-1333-0-1-402	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Washington National Airport.....	2,416	6,527	4,250
2. Dulles International Airport.....	3,630	7,293	6,750
Total direct program costs, funded....	6,046	13,820	11,000
Reimbursable program.....	18	180	
Total program costs, funded.....	6,064	14,000	11,000
Change in selected resources (undelivered orders).....	-1,793	-4,000	8,570
10.00 Total obligations.....	4,271	10,000	19,570
Financing:			
11.00 Offsetting collections from: Federal funds...	-174		
21.40 Unobligated balance available, start of year	-8,569	-7,914	-4,699
24.40 Unobligated balance available, end of year..	7,914	4,699	3,479
25.00 Unobligated balance lapsing.....	1,558		
40.00 Budget authority (appropriation) ..	5,000	6,785	18,350
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	4,097	10,000	19,570
72.40 Obligated balance, start of year.....	10,747	8,780	4,780
74.40 Obligated balance, end of year.....	-8,780	-4,780	-13,350
90.00 Outlays.....	6,064	14,000	11,000

The projects in the construction program for Washington National and Dulles International Airports for 1981 are designed to accomplish the following three objectives:

Airport planning and development.—At Dulles International Airport, \$13,000,000 is included for construction of the connection of the airport access highway to interstate highway 66. Additional funding is included for public parking expansion.

Upgrade airport facilities and correct deficiencies.—Due to growth in the air industry and changes in tech-

General and special funds—Continued

CONSTRUCTION, METROPOLITAN WASHINGTON AIRPORTS—Continued

nology, existing facilities require expansion or replacement to increase load capacity or to upgrade performance through modernization. At National, funds are included to conduct a survey for building code compliance and construct projects to correct deficiencies, study and design the modernization/expansion of terminal restrooms, and improve access for the handicapped. At Dulles, funds are requested to improve the baggage handling equipment in the customs area and improve access for the handicapped.

Rehabilitate existing facilities.—Existing facilities require periodic rehabilitation due to deterioration from age and usage. At National, funds are programmed to rehabilitate the ramp at gate No. 2 and replace the main terminal roof. At Dulles, funds are included to replace electrical feeders, replace airfield pavement panels, and reroof service buildings.

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.	
FEDERAL AVIATION ADMINISTRATION				
Direct obligations:				
32.0	Lands and structures.....	5,890	14,000	6,750
94.0	Change in selected resources.....	-1,793	-4,000	-4,180
	Total direct obligations.....	4,097	10,000	2,570
Reimbursable obligations:				
32.0	Lands and structures.....	174		
	Total obligations, Federal Aviation Administration.....	4,271	10,000	2,570
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION				
32.0	Lands and structures.....			17,000
99.0	Total obligations.....	4,271	10,000	19,570

CIVIL SUPERSONIC AIRCRAFT DEVELOPMENT TERMINATION

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.	
Financing:				
17.00	Recovery of prior year obligations.....	-10,000		
21.40	Unobligated balance available, start of year.....	-149	-5,004	-4
23.40	Unobligated balance transferred to other accounts.....	5,145	5,000	
24.40	Unobligated balance available, end of year..	5,004	4	4
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	-10,000		
72.40	Obligated balance, start of year.....	14,115	4,117	4,117
74.40	Obligated balance, end of year.....	-4,117	-4,117	-4,117
90.00	Outlays.....	-1		
Distribution of outlays by account:				
	Civil supersonic aircraft development.....	-1		

This appropriation finances the termination of the supersonic transport development program. Included in these costs are payment of contractor claims and

closeouts, airline refunds, and the necessary administrative costs incidental to the activities.

SAFETY REGULATION

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.	
Program by activities:				
10.00	Engineering and development (costs—obligations) (object class 25.0).....	26	6	
Financing:				
21.40	Unobligated balance available, start of year.....	-32	-6	
24.40	Unobligated balance available, end of year..	6		
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	26	6	
72.40	Obligated balance, start of year.....	480	442	
74.40	Obligated balance, end of year.....	-442		
90.00	Outlays.....	64	448	

Current activities are reflected in the Facilities, engineering and development account in 1981.

Public enterprise funds:

AVIATION 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 insurance activities under said Act. (49 U.S.C. 1531-42; 1651 et seq.; 72 Stat. 800-806; Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.	
Program by activities:				
Direct program:				
	Administrative expenses.....	62	71	72
	Reimbursable program.....		100	100
10.00	Total program costs, funded—obligations.....	62	171	172
Financing:				
Offsetting collections from:				
11.00	Federal funds.....	-1,392	-1,496	-1,617
14.00	Non-Federal sources.....	-11	-15	-17
21.98	Unobligated balance available, start of year:			
	Fund balance.....	-269	-265	-411
	U.S. securities (par).....	-16,385	-17,730	-18,924
24.98	Unobligated balance available, end of year:			
	Fund balance.....	265	411	1,423
	U.S. securities (par).....	17,730	18,924	19,374
Budget authority.....				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	-1,341	-1,340	-1,462
72.10	Receivables in excess of obligations, start of year.....	-81	-84	-84
74.10	Receivables in excess of obligations, end of year.....	84	84	84
90.00	Outlays.....	-1,339	-1,340	-1,462

The fund currently provides direct support for the aviation insurance program authorized under title XIII of the Federal Aviation Act.

In addition to the premium program, binders are also issued to cover aircraft, persons, and property. These binders would provide aviation insurance in wartime and under certain situations short of war. Also available are policies which provide similar 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.

Revenue and Expense (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Administrative expenses:			
Revenue.....	1,403	1,511	1,634
Expense.....	-62	-171	-172
Net operating income.....	1,341	1,340	1,462

Financial Condition (in thousands of dollars)

	1978 actual	1979 actual	1980 est.	1981 est.
Assets:				
Fund balance with Treasury.....	188	181	327	1,339
U.S. securities (par).....	16,385	17,730	18,924	19,374
Accounts receivable.....	81	84	84	84
Total.....	16,654	17,995	19,335	20,797
Government equity:				
Retained earnings.....	16,654	17,995	19,335	20,797
Analysis of changes in Government equity:				
Retained earnings:				
Start of year.....	16,654	17,995	19,335	19,335
Net income for year.....	1,341	1,340	1,462	1,462
Total Government equity (end of year).....	17,995	19,335	20,797	20,797

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-4120-0-3-402			
11.1 Personnel compensation: Permanent positions.....	57	63	64
12.1 Personnel benefits: Civilian.....	5	6	6
21.0 Travel and transportation of persons.....	1	1	1
26.0 Supplies and materials.....	1	1	1
Total direct obligations.....	62	71	72
42.0 Reimbursable obligations: Insurance claims and indemnities.....		100	100
99.0 Total obligations.....	62	171	172

Personnel Summary

Total number of permanent positions.....	2	2	2
Total compensable workyears.....	2	2	2
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)

Average GS grade.....	10.50	11.00	11.00
Average GS salary.....	\$29,727	\$31,693	\$32,483

Trust Funds

AIRPORT AND AIRWAY TRUST FUND

Amounts Available for Appropriation (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Unappropriated balance, start of year.....	3,187,183	3,754,868	4,552,268
Revenue.....	1,808,526	1,665,700	2,578,800
Proposed legislation (net).....		444,700	2,578,800
Total available for appropriation.....	4,995,709	5,865,268	7,131,068
Appropriations:			
Facilities and equipment.....	-290,997	-250,000	-350,000
Research, engineering and development.....	-75,100	-75,000	-85,000
Grants-in-aid for airports:			
Appropriation.....	-15,000	-10,000	
Appropriation to liquidate contract authority.....	-550,000	-610,000	¹ -665,000
Operations: Trust fund transfer to operations, general fund, for maintaining air navigation facilities.....	-300,000	-325,000	-1,300,000
Total appropriations.....	-1,231,097	-1,270,000	-2,400,000
Reappropriation: Facilities and equipment.....	-54,363	-43,000	
Unobligated balance returned to unappropriated receipts.....	43,459		
Adjustments in expired accounts, return to unappropriated receipts.....	1,160		
Unappropriated balance, end of year.....	3,754,868	4,552,268	4,731,068

¹ Represents total for Grants-in-aid for airports.

The Airport and Airway Revenue Act of 1970 (49 U.S.C. 1742(a)), as amended, provides for the revenues received in the Treasury from passenger ticket tax and certain other taxes paid by airport and airway users to be transferred from the general fund of the Treasury to the Airport and airway trust fund. The Secretary of the Treasury estimates the amount to be so transferred. In turn, 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):

	1979 actual	1980 estimate	1981 estimate
Unexpended balance brought forward:			
U.S. securities (par).....	3,686,537	4,377,426	5,256,933
Cash.....	11,210	14,707	10,000
Balance of fund, start of year.....	3,697,747	4,392,133	5,266,933
Cash income during the year:			
Government receipts:			
From excise taxes:			
Passenger ticket tax.....	1,284,185	1,082,500	
Waybill tax.....	81,321	71,900	
Fuel tax.....	64,149	53,800	
International passenger tax.....	71,738	59,900	
Aircraft use tax.....	25,663	22,600	
Aircraft tires and tubes tax.....	1,070	1,000	
Refunds of taxes.....	-1,866	-2,000	
Proposed legislation (net).....		444,700	2,578,800
Passenger ticket tax.....		(361,000)	(1,532,700)
Waybill tax.....		(24,000)	(112,800)

AIRPORT AND AIRWAY TRUST FUND—Continued

Fuel <i>ad valorem</i> tax.....	(32,200)	(165,100)	
International passenger tax.....	(20,000)	(83,700)	
Aircraft use tax.....	(7,500)	(32,300)	
Aircraft tires and tubes tax.....		(1,000)	
Aircraft/avionics tax.....		(158,200)	
Refunds of taxes.....		(-2,000)	
Interest on investments.....		(495,000)	
Intrabudgetary transaction: Interest on invest- ments.....	282,265	376,000	
Total annual income.....	<u>1,808,526</u>	<u>2,110,400</u>	<u>2,578,800</u>
Cash outgo during the year:			
Federal Aviation Administration:			
Grants-in-aid for airports.....	556,454	620,000	665,000
Facilities and equipment.....	187,932	218,700	255,000
Research, engineering and development.....	69,729	71,900	81,500
Operations.....	300,024	325,000	1,300,000
Total annual outgo.....	<u>1,114,140</u>	<u>1,235,600</u>	<u>2,301,500</u>
Unexpended balance carried forward:			
U.S. securities (par).....	4,377,426	5,256,933	5,534,233
Cash.....	14,707	10,000	10,000
Balance of fund, end of year.....	<u>4,392,133</u>	<u>5,266,933</u>	<u>5,544,233</u>
Commitment against unexpended balances:			
Appropriated but not expended.....	-637,264	-714,664	-813,164
Committed to future liquidating cash appropri- ations:			
To liquidate outstanding obligations (contract authority).....	-887,655	-917,655	-952,655
To reserve funds equivalent to cumulative shortfalls below minimum annual obligation levels (Public Law 96-131).....	-125,166	-116,966	-116,966
Uncommitted balance, end of year.....	<u>2,742,048</u>	<u>3,517,648</u>	<u>3,661,448</u>

Note—The budget schedule above reflects legislation to extend existing tax structures thru September 30, 1981, except that a fuel *ad valorem* tax will replace the existing fuel tax effective July 1, 1980, and a new aircraft/avionics tax will become effective October 1, 1980.

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, and for liquidation of obligations incurred for airport planning and development under other law authorizing such obligations, \$665,000,000 to be derived from the Airport and Airway Trust Fund and to remain available until expended. [\$610,000,000; and for airport planning grants, \$10,000,000, to be derived from the Airport and Airway Trust Fund and to remain available until expended.] (49 U.S.C. 1701 et seq.; Department of Transportation and Related Agencies Appropriation Act 1980; additional authorizing legislation has been proposed.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-8106-0-7-402			
Program by activities:			
1. Grants for planning/construction.....			700,000
2. Grants for planning.....	14,998	10,002	
3. Grants for construction.....	624,197	640,000	
4. Grants for State standards.....	100	772	
10.00 Total program costs, funded—obliga- tions (object class 41.0).....	639,295	650,774	700,000
Financing:			
17.00 Recovery of prior year obligations.....	-156		
Unobligated balance available, start of year:			
21.40 Appropriation.....	-7,119	-7,176	-6,402
21.49 Contract authority.....	-87,563	-73,206	-73,206

Unobligated balance available, end of year:			
24.40 Appropriation.....	7,176	6,402	6,402
24.49 Contract authority ¹	73,206	73,206	73,206
25.00 Unobligated balance lapsing.....	19,300		
Budget authority.....	<u>644,140</u>	<u>650,000</u>	<u>700,000</u>
Budget authority:			
40.00 Appropriation.....	565,000	620,000	665,000
40.49 Portion applied to liquidate contract au- thority.....	-550,000	-610,000	-665,000
43.00 Appropriation (adjusted).....	15,000	10,000	
Contract authority:			
49.10 Current (90 Stat. 872, 873).....	54,140	30,000	700,000
69.10 Permanent (90 Stat. 872, 873).....	575,000	610,000	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	639,139	650,774	700,000
72.10 Receivables in excess of obligations, start of year.....	-2,077		
Obligated balance, start of year:			
72.40 Appropriation.....		6,411	7,185
72.49 Contract authority.....	815,285	887,655	917,655
Obligated balance, end of year:			
74.40 Appropriation.....	-6,411	-7,185	-7,185
74.49 Contract authority.....	-887,655	-917,655	-952,655
77.00 Adjustments in expired accounts.....	-1,827		
90.00 Outlays.....	556,454	620,000	665,000

¹ Reflects decision of Comptroller General (B192888) and proposed legislation.

Status of Unfunded Contract Authority (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Unfunded balance, start of year.....	902,848	960,861	990,861
Contract authority.....	629,140	640,000	700,000
Unfunded balance lapsing.....	-19,300		
Unfunded adjustments in expired accounts.....	-1,827		
Appropriation to liquidate contract authority.....	-550,000	-610,000	-665,000
Unfunded balance, end of year.....	960,861	990,861	1,025,861

The Airport and Airway Development Act of 1970 (Public Law 91-258, as amended) authorizes the Secretary of Transportation to incur obligations for airport planning and development grants for 1976 through 1980. The administration has proposed legislation calling for a \$4 billion airport grants program for the time period 1981-85. Some of the major features of this proposal are an increased funding level for a consolidated airport development and planning grant program, greater involvement of the States on an optional basis in the administration of airport grants, and grant eligibility for certain noise compatibility items and planning of noise abatement actions.

FACILITIES AND EQUIPMENT (AIRPORT AND AIRWAY TRUST FUND)

[(INCLUDING TRANSFER OF FUNDS)]

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; and purchase of one aircraft; to be derived from the Airport and Airway Trust Fund, [\$293,000,000, of which \$43,000,000 shall be derived by transfer from the Appropriation "Facilities and Equipment (Airport and Airway Trust Fund), 1977,"] \$350,000,000, to remain available until September 30, [1984] 1985: 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]. (49 U.S.C. 1151-60, 1301 et seq., 1507, 1701 et seq.; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation has been proposed.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-8107-0-7-402			
Program by activities:			
Direct program:			
1. Air route traffic control centers.....	55,125	48,382	28,300
2. Airport traffic control towers.....	64,589	86,254	66,100
3. Flight service facilities.....	13,579	16,040	95,900
4. Air navigation facilities.....	121,052	85,783	72,300
5. Housing, utilities, and miscellaneous facilities.....	6,602	11,665	6,100
6. Aircraft and related equipment.....	1,157	6,076	15,000
7. Development, test, and evaluation facilities.....	8,898	3,900	3,600
Total direct program—obligations.....	271,002	258,100	287,300
Reimbursable program:			
1. Air route traffic control facilities.....	321	374	420
2. Airport traffic control facilities.....	10,803	10,341	11,620
4. Air navigation facilities.....	1,546	1,495	1,680
5. Housing, utilities, and miscellaneous facilities.....	304	249	280
Total reimbursable program—obligations.....	12,974	12,459	14,000
10.00 Total program costs, funded—obligations.....	283,976	270,559	301,300
Financing:			
Offsetting collections from:			
11.00 Federal funds.....	-11,670	-11,213	-12,600
14.00 Non-Federal sources.....	-1,304	-1,246	-1,400
21.40 Unobligated balance available, start of year.....	-261,393	-292,292	-327,192
24.40 Unobligated balance available, end of year.....	292,292	327,192	389,892
25.00 Unobligated balance lapsing.....	43,459		
Budget authority.....	345,360	293,000	350,000
Budget authority:			
40.00 Appropriation.....	290,997	250,000	350,000
50.00 Reappropriation.....	54,363	43,000	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	271,002	258,100	287,300
72.40 Obligated balance, start of year.....	208,236	290,100	329,500
74.40 Obligated balance, end of year.....	-290,100	-329,500	-361,800
77.00 Adjustments in expired accounts.....	-1,206		
90.00 Outlays.....	187,932	218,700	255,000

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 flight inspection of facilities and related training, and experimental facilities for the engineering and development program. Operating costs of facilities procured under this appropriation are financed under the Operations appropriation. The administration has proposed legislation calling for a \$2.1 billion facilities/equipment program for the time period 1981-85.

Funding in the amount of \$51.6 million is contained in the 1981 request to complete the VOR/VORTAC equipment replacement program. When fully implemented, this program will provide annual savings to the Government of 788 employee years and \$27.5 million. Financing is contained in 1981 to modernize and automate the flight service stations. Additionally, this request contains the initial funding increment of a multiyear program to establish discrete address beacon systems. These facilities will provide improved surveillance accuracies, data link transmissions, and an automated traffic advisory and resolution service. The budget activities include the following facilities and functions:

1. *Air route traffic control centers.*—Long range radar provides FAA air traffic controllers with information on aircraft positions at distances up to 185 miles. Automation equipment includes computers and other devices which aid controllers in handling en route air traffic. Other center activities cover the installation of equipment to provide communications and related services.

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

3. *Flight service facilities.*—Domestic flight service stations and associated facilities provide flight assistance to pilots. International flight service stations provide long-distance communications for transoceanic flights.

4. *Air navigation facilities.*—Very high frequency omnidirectional radio ranges equipped with tactical air navigation capabilities (VORTAC) are standard short-range navigation aids used to define airways and air routes and to provide distance and direction information to pilots. Low and medium frequency facilities include radio beacons and ranges which provide pilots with direction and weather information. 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 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 flight inspection of facilities, including procurement, modification, and/or replacement of aircraft and equipment to inspect the accuracy and other characteristics of navigation and traffic control aids from the air and flight inspection training equipment.

7. *Development, test, and evaluation facilities.*—This activity provides for leasing and 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 equip-

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

【(INCLUDING TRANSFER OF FUNDS)】—Continued

ment for use in the engineering and development program.

Object Classification (in thousands of dollars)

Identification code	69-8107-0-7-402	1979 actual	1980 est.	1981 est.
Direct obligations:				
Personnel compensation:				
11.1	Permanent positions.....	26,406	30,655	30,923
11.3	Positions other than permanent.....	351	408	408
11.5	Other personnel compensation.....	1,647	1,850	1,740
11.8	Special personal services payments.....	17		
	Total personnel compensation.....	28,421	32,913	33,071
12.1	Personnel benefits: Civilian.....	3,023	3,456	3,472
21.0	Travel and transportation of persons.....	5,699	5,704	6,177
22.0	Transportation of things.....	1,705	989	1,071
23.2	Communications, utilities, and other rent....	417	401	433
24.0	Printing and reproduction.....	360	289	292
25.0	Other services.....	22,630	20,021	15,094
26.0	Supplies and materials.....	8,266	8,755	8,647
31.0	Equipment.....	171,833	154,620	192,436
32.0	Lands and structures.....	28,615	30,950	26,605
42.0	Insurance claims and indemnities.....	33	2	2
	Total direct obligations.....	271,002	258,100	287,300
Reimbursable obligations:				
Personnel compensation:				
11.1	Permanent positions.....	839	1,635	1,363
11.5	Other personnel compensation.....	26	24	24
	Total personnel compensation.....	865	1,659	1,387
12.1	Personnel benefits: Civilian.....	50	157	132
21.0	Travel and transportation of persons.....	173	461	507
22.0	Transportation of things.....	26	54	59
23.2	Communications, utilities, and other rent....	11	8	8
24.0	Printing and reproduction.....	16	10	9
25.0	Other services.....	812	2,412	1,779
26.0	Supplies and materials.....	230	186	142
31.0	Equipment.....	6,473	5,466	8,282
32.0	Lands and structures.....	4,318	2,046	1,695
	Total reimbursable obligations.....	12,974	12,459	14,000
99.0	Total obligations.....	283,976	270,559	301,300

Personnel Summary

Direct:				
	Total number of permanent positions.....	1,332	1,332	1,332
	Total compensable workyears.....	1,272	1,290	1,306
	Full-time equivalent of other positions.....	(13)	(11)	(10)
	Full-time equivalent of overtime and holiday hours.....	(51)	(45)	(43)
	Average GS grade.....	10.52	10.66	10.64
	Average GS salary.....	\$22,897	\$24,944	\$25,104
	Average salary of ungraded positions.....	\$20,665	\$21,834	\$22,003
Reimbursable:				
	Total number of permanent positions.....	60	60	60
	Total compensable workyears.....	40	73	63
	Full-time equivalent of other positions.....	(0)	(0)	(0)
	Full-time equivalent of overtime and holiday hours.....	(1)	(1)	(1)
	Average GS grade.....	10.34	10.29	10.26
	Average GS salary.....	\$19,857	\$21,328	\$21,529
	Average salary of ungraded positions.....	\$16,606	\$17,704	\$18,209

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

For necessary expenses, not otherwise provided for, 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; [\$75,000,000] \$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. (49 U.S.C. 1301 et seq., 1701 et seq.; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation has been proposed.)

Program and Financing (in thousands of dollars)

Identification code	69-8108-0-7-402	1979 actual	1980 est.	1981 est.
Program by activities:				
Direct program:				
	1. Air traffic control.....	60,693	59,840	66,395
	2. Navigation.....	16,212	12,277	12,430
	3. Aviation weather.....	3,200	4,750	4,975
	4. Aviation medicine.....	845	1,230	1,200
	Total direct program.....	80,950	78,097	85,000
Reimbursable program:				
	1. Air traffic control.....	349	665	670
	2. Navigation.....	21	90	90
	3. Aviation weather.....	3		
	Total reimbursable program.....	373	755	760
10.00	Total obligations.....	81,323	78,852	85,760
Financing:				
Offsetting collections from:				
11.00	Federal funds.....	-279	-565	-570
14.00	Non-Federal sources.....	-94	-190	-190
21.40	Unobligated balance available, start of year.....	-8,947	-3,097	
24.40	Unobligated balance available, end of year.....	3,097		
40.00	Budget authority (appropriation).....	75,100	75,000	85,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	80,950	78,097	85,000
72.40	Obligated balance, start of year.....	27,154	38,375	44,572
74.40	Obligated balance, end of year.....	-38,375	-44,572	-48,072
90.00	Outlays.....	69,729	71,900	81,500

The FAA conducts engineering and development programs to improve the national air traffic control system and to increase its productivity and capacity to meet the expected air traffic demands of the future. These efforts are based upon 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*.—Existing technology is applied to air traffic control problems to keep the current system operating safely and system improvements are made to increase the productivity and 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 the direct use of air traffic controllers is a key to increasing system productivity. This traffic control program also provides for increasing the capacity of major airports to handle larger, faster passenger aircraft safely and efficiently. Increases in airport capacity will be achieved by the development of new procedures and equipment/computer programs which will enable more efficient metering and spacing of terminal traffic under all weather conditions.

This program also includes activities designed to insure that the air traffic control system will satisfy the demands of the 1990's, particularly those affecting the interface between pilots and traffic controllers. This work includes developing new traffic control concepts; assessing their technical, economic, and operational feasibility and conducting selected feasibility demonstrations.

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 exploitation of all available and planned techniques, as well as 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 those physiological and psychological factors inimical to personnel engaged in operating the traffic control system.

Object Classification (in thousands of dollars)

Identification code 69-8108-0-7-402	1979 actual	1980 est.	1981 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	21,022	23,109	23,130
11.3 Positions other than permanent.....	1,429	1,693	1,661
11.5 Other personnel compensation.....	244	409	406
11.8 Special personal services payments.....	133	139	139
Total personnel compensation.....	22,828	25,350	25,336
12.1 Personnel benefits: Civilian.....	2,160	2,330	2,328
21.0 Travel and transportation of persons.....	860	1,076	1,184
22.0 Transportation of things.....	72	88	97
23.2 Communications, utilities, and other rent....	579	561	611
25.0 Other services.....	50,741	47,364	53,411
26.0 Supplies and materials.....	1,271	1,000	1,234
31.0 Equipment.....	2,439	328	799
Total direct obligations.....	80,950	78,097	85,000
Reimbursable obligations:			
11.3 Personnel compensation: Positions other than permanent.....	13	56	56
12.1 Personnel benefits: Civilian.....	1	5	5
25.0 Other services.....	252	671	679
26.0 Supplies and materials.....	96	23	20

31.0 Equipment.....	11		
Total reimbursable obligations.....	373	755	760
99.0 Total obligations.....	81,323	78,852	85,760

Personnel Summary

Direct:			
Total number of permanent positions.....	799	799	769
Total compensable workyears.....	878	873	866
Full-time equivalent of other positions.....	(107)	(120)	(114)
Full-time equivalent of overtime and holiday hours.....	(6)	(11)	(11)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	11.69	11.72	11.76
Average GS salary.....	\$28,453	\$30,747	\$31,443
Average salary of ungraded positions.....	\$18,505	\$19,911	\$20,021
Reimbursable:			
Total number of permanent positions.....	0	0	0
Total compensable workyears.....	1	2	2
Full-time equivalent of other positions.....	(1)	(2)	(2)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)

OPERATIONS (AIRPORT AND AIRWAY TRUST FUND)

Program and Financing (in thousands of dollars)

Identification code 69-8104-0-7-402	1979 actual	1980 est.	1981 est.
Program by activities:			
10.00 Payment to Operations (Federal) appropriation (costs—obligations) (object class 25.0).....	300,000	325,000	1,300,000
Financing:			
40.00 Budget authority (appropriation).....	300,000	325,000	1,300,000
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	300,000	325,000	1,300,000
72.40 Obligated balance, start of year.....	—210	—189	—189
74.40 Obligated balance, end of year.....	189	189	189
77.00 Adjustments in expired accounts.....	45		
90.00 Outlays.....	300,024	325,000	1,300,000

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 expected level of 1981 trust fund receipts will permit a partial payment of operations and maintenance expenses as well as the costs of airport development, airway facilities investment, and research programs.

The administration has proposed legislation to increase significantly the level of trust funds allocated to cover operations and maintenance expenses of the Federal Aviation Administration. During the 1981-85 time period, \$8 billion will be proposed for these operational and maintenance activities.

AIRCRAFT PURCHASE LOAN GUARANTEE

In carrying out the program for guarantee of aircraft purchase loans under the Act of September 7, 1957, as amended (49 U.S.C. 1324 note), during fiscal year 1981 total new commitments to guarantee loans shall not exceed \$400,000,000 of contingent liability for loan principal, including \$100,000,000 for which priority shall be given to guarantees of aircraft purchase loans to commuter air carriers serving smaller communities. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

AIRCRAFT PURCHASE LOAN GUARANTEE—Continued

Status of Loan Guarantees (in thousands of dollars)			
	1979 actual	1980 est.	1981 est.
Position with respect to limitation on loan guarantees:			
3110	Limitation on commitments: Appropriation ..	650,000	400,000
3200	Commitments, gross.....	-10,824	-400,000
3900	Unused balance of limitation, expiring.....	250,000	
Cumulative balance of guarantees outstanding:			
4100	Outstanding, start of year.....	187,941	171,052
4200	New loan guarantees.....	8,018	401,724
4400	Repayments or prepayments.....	-24,907	-14,401
4900	Outstanding, end of year.....	171,052	558,375

Pursuant to Public Law 85-304, as amended, the Secretary of Transportation was authorized to provide Government guaranty of private loans to certain air carriers for the purchase of modern aircraft and equipment when financing was not otherwise available on reasonable terms. This authority expired September 7, 1977; but on October 24, 1978, a new aircraft loan guarantee program was authorized (Public Law 95-504) primarily to offset any deterioration of service to small communities resulting from the Airline Deregulation Act of 1978. The table above reflects the activity of both programs.

For 1980, new loan guarantees are estimated to be \$400 million. If the demands for loan guarantees are greater than now estimated, new loan commitments up to the \$650 million ceiling will be made. Estimated new loan commitments in 1981 are \$400 million, including at least \$100 million for carriers serving small communities.

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 1981 budget contemplates \$8,992.5 million in obligations and \$8,218.7 million in outlays. The following table compares 1981 program level (obligations) with those of prior years (in millions of dollars).

	(In millions of dollars)		
Account:	1979 actual	1980 estimate	1981 estimate
Federal-aid highways.....	8,623.8	8,400.0	8,850.0
Interstates.....	(4,442.3)	(3,680.0)	(3,900.0)
Rural and small urban.....	(1,974.1)	(1,900.0)	(2,015.0)
Urbanized area.....	(1,024.2)	(1,130.0)	(1,195.0)
Bridge construction.....	(614.4)	(900.0)	(950.0)
Safety and other.....	(568.8)	(790.0)	(790.0)
Motor carrier safety.....	10.5	15.4	15.1
Highway beautification.....	11.6	9.1	7.2
Darien Gap Highway.....	—1	.3	.6
Territorial highways.....	6.6	6.7	6.6
Railroad-highway crossings demonstration projects.....	5.3	45.0	33.0
National Scenic and Recreational Highway.....	37.2	39.5	37.5

Alaska Highway.....	20.2	3.5	
Off-system roads programs.....	156.0	86.8	
Access highways to lakes.....	4.7	21.2	
Highways crossing Federal projects.....	22.4	14.6	
Bicycle program.....		4.0	
Sandhill Crane Wildlife Refuge.....	4.0		
Highway-related safety grants.....	28.0	28.0	28.0
Baltimore-Washington Parkway.....	—7	2.5	1.0
Highway safety research and development.....	9.3	9.6	9.0
Overseas highway.....	53.4	35.3	
Demonstration projects—trust fund.....	15.0	2.9	
Carpool/Vanpool program.....		4.0	1.0
Right-of-way revolving fund.....	12.0		
Miscellaneous items.....	11.9	5.0	3.5
Total program level.....	9,031.0	8,733.3	8,992.5

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), **[\$13,700,000]** \$15,100,000, of which \$3,800,000 of the amount appropriated herein shall remain available until expended and not to exceed **[\$1,264,000]** \$1,531,000, shall be available for "Limitation on general operating expenses". (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
Identification code 69-0552-0-1-401			
Program by activities:			
1. Operations.....	6,657	9,026	9,759
2. Research and development.....	682	2,019	900
3. Demonstration program.....		5,250	3,000
4. Administration.....	1,090	1,264	1,581
Total program costs, funded.....	8,429	17,559	15,240
Change in selected resources (undelivered orders).....	2,073	-2,136	-140
10.00 Total obligations.....	10,502	15,423	15,100
Financing:			
17.00 Recovery of prior year obligations.....	—16		
21.40 Unobligated balance available, start of year.....	—27	-1,293	
24.40 Unobligated balance available, end of year.....	1,293		
25.00 Unobligated balance lapsing.....	819		
Budget authority.....	12,571	14,130	15,100
Budget authority:			
40.00 Appropriation.....	12,571	13,700	15,100
44.20 Supplemental for civilian pay raises.....		430	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	10,486	15,423	15,100
72.40 Obligated balance, start of year.....	1,282	3,326	1,190
74.40 Obligated balance, end of year.....	-3,326	-1,190	-1,050
90.00 Outlays, excluding pay raise supplemental.....	8,442	17,169	15,200
91.20 Outlays from civilian pay raise supplemental.....		390	40

The motor carrier safety mission is to reduce the risk of accidents in truck and bus highway safety transportation by regulation of motor carriers engaged in interstate commerce. In 1981, efforts will be made to implement fully the 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. A \$3 million motor carrier safety

demonstration program will be continued in 1981. This program provides assistance to selected States for upgrading their enforcement efforts.

Object Classification (in thousands of dollars)

Identification code	69-0552-0-1-401	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	5,217	7,002	7,441
11.3	Positions other than permanent.....	54	154	184
11.5	Other personnel compensation.....	8	10	10
	Total personnel compensation.....	5,279	7,166	7,635
12.1	Personnel benefits: Civilian.....	517	677	722
21.0	Travel and transportation of persons.....	640	896	986
22.0	Transportation of things.....	10	1	1
23.2	Communications, utilities, and other rent....	4	6	6
25.0	Other services.....	3,967	6,595	5,683
26.0	Supplies and materials.....	31	37	32
31.0	Equipment.....	54	45	35
99.0	Total obligations.....	10,502	15,423	15,100

Personnel Summary

Total number of permanent positions.....	267	292	292
Total compensable workyears.....	226	286	298
Full-time equivalent of other positions.....	(5)	(15)	(15)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	10.43	10.33	10.38
Average GS salary.....	\$22,769	\$23,090	\$23,428

HIGHWAY BEAUTIFICATION

[LIQUIDATION OF CONTRACT AUTHORIZATION]

[For payment of obligations incurred in carrying out the provisions of title 23, United States Code, sections 131, 136, and 319(b), \$25,283,000, to remain available until expended.] For necessary expenses in carrying out section 131 of title 23 U.S.C. and section 104(a)(11) of the Surface Transportation Assistance Act of 1978, \$7,200,000 to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Note.—Included below is \$8,500,000 for 1980 that was appropriated under the heading "Surface Transportation, Energy and Safety." The language for this appropriation appears at the end of the Department of Transportation chapter.

Program and Financing (in thousands of dollars)

Identification code	69-0540-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. Construction.....	19,661	23,500	21,000
	2. Administration.....	1,185	.....	1,200
	Total program costs, funded.....	20,846	23,500	22,200
	Change in selected resources (undelivered orders).....	-8,294	-14,417	-15,000
10.00	Total obligations.....	12,552	9,083	7,200
Financing:				
17.00	Recovery of prior year obligations.....	-919	.....	.....
21.40	Unobligated balance available, start of year: Appropriation.....	.....	-583	.....
24.40	Unobligated balance available, end of year: Appropriation.....	583	.....	.....
25.00	Unobligated balance lapsing.....	919	.....	.....
	Budget authority.....	13,135	8,500	7,200
Budget authority:				
40.00	Appropriation.....	31,135	33,783	7,200
40.49	Portion applied to liquidate contract authority.....	-18,000	-25,283	.....
43.00	Appropriation (adjusted).....	13,135	8,500	7,200

Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	11,633	9,083	7,200
	Obligated balance, start of year:			
72.40	Appropriation.....	40,401	48,182	58,128
72.49	Contract authority.....	43,283	24,363	.....
	Obligated balance, end of year:			
74.40	Appropriation.....	-48,182	-58,128	-43,128
74.49	Contract authority.....	-24,363	.....	.....
90.00	Outlays.....	22,771	23,500	22,200

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	43,283	24,363	.....
Unfunded balance lapsing.....	-919	.....	.....
Appropriation to liquidate contract authority.....	-18,000	-25,283	.....
Balance of appropriation to liquidate contract authorization withdrawn.....	.....	919	.....
Unfunded balance, end of year.....	24,363	.....	.....

This program 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.

A recent General Accounting Office report indicates that "In light of the problems and limited progress by most States in removing nonconforming signs, it appears that the objectives of the Highway Beautification Act will not be accomplished in the near future." Enactment of the Surface Transportation Assistance Act has created further problems for the beautification program. The requirement for just compensation for billboard removal is extended to signs that are removed pursuant to local ordinances, thus interjecting Federal requirements into an area that is not its proper province. Electronic signs that previously were not permitted will now be allowed. Last, it is the expressed congressional intent that the Department adopt a more compliant attitude to State-requested exemptions from billboard removal policies.

In light of these developments, the Department has undertaken a comprehensive review of the outdoor advertising program to determine how and if the program can be successfully continued.

Object Classification (in thousands of dollars)

Identification code	69-0540-0-1-401	1979 actual	1980 est.	1981 est.
25.0	Other services.....	1,185	.....	1,200
41.0	Grants, subsidies, and contributions.....	11,367	9,083	6,000
99.0	Total obligations.....	12,552	9,083	7,200

DARIEN GAP HIGHWAY

Program and Financing (in thousands of dollars)

Identification code	69-0553-0-1-151	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. Design and construction.....	3,704	1,459	629
	2. Administration.....	469	541	571
	Total program costs, funded.....	4,173	2,000	1,200
	Change in selected resources (undelivered orders).....	-3,704	-1,459	-629
10.00	Total obligations.....	469	541	571

General and special funds—Continued

DARIEN GAP HIGHWAY—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code	69-0553-0-1-151	1979 actual	1980 est.	1981 est.
Financing:				
17.00	Recovery of prior year obligation.....	—599	—261	.....
21.40	Unobligated balance available, start of year	—721	—851	—571
24.40	Unobligated balance available, end of year..	851	571	.....
Budget authority				
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	—130	280	571
72.40	Obligated balance, start of year.....	8,461	4,167	2,447
74.40	Obligated balance, end of year.....	—4,167	—2,447	—1,818
90.00	Outlays.....	4,165	2,000	1,200

The United States, in cooperation with the Republic of Panama and the Government of Columbia, is participating in the construction of approximately 250 miles of highway through the Darien Gap—an incomplete link in the Inter-American Highway.

No appropriation is being requested for 1981.

Object Classification (in thousands of dollars)

Identification code	69-0553-0-1-151	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	274	.....	.....
11.3	Positions other than permanent.....	7	.....	.....
11.5	Other personnel compensation.....	11	.....	.....
Total personnel compensation				
12.1	Personnel benefits: Civilian.....	42	.....	.....
13.0	Benefits for former personnel.....	1	.....	.....
21.0	Travel and transportation of persons.....	12	.....	.....
22.0	Transportation of things.....	3	.....	.....
23.2	Communications, utilities, and other rent....	36	.....	.....
25.0	Other services.....	78	541	571
26.0	Supplies and materials.....	5	.....	.....
99.0	Total obligations.....	469	541	571

Personnel Summary

Total number of permanent positions.....	15	.....	.....
Total compensable workyears.....	13	.....	.....
Full-time equivalent of other positions.....	(1)	.....	.....
Full-time equivalent of overtime and holiday hours.....	(0)	.....	.....
Average GS grade.....	10.29	.....	.....
Average GS salary.....	\$25,318	.....	.....

TERRITORIAL HIGHWAYS

For necessary expenses in carrying out the provisions of title 23, United States Code, sections 152, 153, 215, and 402, \$6,600,000, [to remain available until expended, together with \$4,168,000 for payment of obligations, incurred in carrying out the provisions of title 23, United States Code, sections 215, 402, and 405,] to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-0556-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
1.	Territorial highways.....	4,839	4,468	5,650
2.	Safety programs.....	260	400	500
3.	Administration.....	210	132	350
Total program costs, funded.....		5,309	5,000	6,500

Change in selected resources (undelivered orders).....		1,323	1,660	100
10.00	Total obligations.....	6,632	6,660	6,600
Financing:				
21.40	Unobligated balance available, start of year	—92	—60	.....
24.40	Unobligated balance available, end of year..	60	.....	.....
Budget authority		6,600	6,600	6,600
Budget authority:				
40.00	Appropriation.....	12,100	10,768	6,600
40.49	Portion applied to liquidate contract authority.....	—5,500	—4,168	.....
43.00	Appropriation (adjusted)	6,600	6,600	6,600
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	6,632	6,660	6,600
Obligated balance, start of year:				
72.40	Appropriation.....	4,408	12,579	18,407
72.49	Contract authority.....	9,668	4,168	.....
Obligated balance, end of year:				
74.40	Appropriation.....	—12,579	—18,407	—18,507
74.49	Contract authority.....	—4,168	.....	.....
90.00	Outlays.....	3,961	5,000	6,500

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	9,668	4,168	.....
Appropriation to liquidate contract authority.....	—5,500	—4,168	.....
Unfunded balance, end of year.....	4,168	.....	.....

Grants are authorized by 23 U.S.C. 215(a) and section 104(a)(12) of the Federal-Aid Highway Act of 1978 to assist the territorial governments of the Virgin Islands, Guam, American Samoa and the Commonwealth of the Northern Marianas Islands in the improvement of their highway systems. Assistance is provided for an arterial highway system, and necessary interisland connectors, as designated by each governor and approved by the Secretary of Transportation.

Under the Federal-Aid Highway Act of 1978, the four governments are now also eligible for funding from the hazard elimination and highway-related safety grants programs. A program level of \$6.6 million (including the safety programs) is anticipated in 1981, approximately the same as in 1980, for the territorial highways program.

Object Classification (in thousands of dollars)

Identification code	69-0556-0-1-401	1979 actual	1980 est.	1981 est.
25.0	Other services.....	210	132	350
41.0	Grants, subsidies, and contributions.....	6,422	6,528	6,250
99.0	Total obligations.....	6,632	6,660	6,600

[RAILROAD-HIGHWAY CROSSINGS DEMONSTRATION PROJECTS]

[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, \$20,000,000 of which \$13,333,333 shall be derived from the Highway Trust Fund.] (Department of Transportation and Related Agencies Appropriations Act, 1980.)

Program and Financing (in thousands of dollars)			
Identification code 69-0557-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Railroad-highway crossings	7,174	16,000	22,000
2. Rail Crossings	4,721	4,000	3,700
Total program costs, funded	11,895	20,000	25,700
Change in selected resources (undelivered orders)	-1,793	25,108	7,297
10.00 Total obligations (object class 41.0) ..	10,102	45,108	32,997
Financing:			
13.00 Offsetting collections from: Trust funds	-5,162	-30,036	-21,932
21.40 Unobligated balance available, start of year ..	-11,077	-19,471	-11,065
24.40 Unobligated balance available, end of year..	19,471	11,065	.....
40.00 Budget authority (appropriation) ..	13,333	6,667	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net	4,939	15,072	11,065
72.40 Obligated balance, start of year	10,704	11,487	17,559
74.40 Obligated balance, end of year	-11,487	-17,559	-17,924
90.00 Outlays	4,127	9,000	10,700

This program provides for demonstration projects in 19 cities. The planned program levels in 1980 and 1981 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. Unobligated balances of \$33 million are expected to be available for programming in 1981.

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. 1981 funding required for this program is provided under the Northeast corridor improvement program administered by the Federal Railroad Administration.

NATIONAL SCENIC AND RECREATIONAL HIGHWAY (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of 23 U.S.C. 148, [\$25,800,000] \$16,500,000 to remain available until expended, of which [\$19,800,000] \$9,400,000 shall be derived from the Highway Trust Fund. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)			
Identification code 69-0544-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
National Scenic and Recreational Highway (program costs, funded)	17,231	28,000	31,500
Change in selected resources (undelivered orders)	19,943	11,500	6,000
10.00 Total obligations (object class 41.0) ..	37,174	39,500	37,500
Financing:			
13.00 Offsetting collections from: Trust funds	-37,174	-39,500	-37,500
Budget authority			
Budget authority:			
40.00 Appropriation	6,000	6,000	7,100
40.49 Portion applied to liquidate contract authority	-6,000	-6,000	-7,100
43.00 Appropriation (adjusted) .....	.....	.....	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net .....	.....	.....	.....

Obligated balance, start of year:			
72.40 Appropriation	3,427	2,542	542
72.49 Contract authority	19,100	13,100	7,100
Obligated balance, end of year:			
74.40 Appropriation	-2,542	-542	.....
74.49 Contract authority	-13,100	-7,100	.....
90.00 Outlays	6,886	8,000	7,642

Status of Unfunded Contract Authority (in thousands of dollars)			
Unfunded balance, start of year	19,100	13,100	7,100
Appropriation to liquidate contract authority	-6,000	-6,000	-7,100
Unfunded balance, end of year	13,100	7,100	.....

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 two-lane route has been tentatively designated which will run from Lake Itasca, Minn., to Venice, La. Program levels for 1980 and 1981 will focus on preliminary engineering, environmental studies, reconstruction and rehabilitation of existing road segments, roadside rest areas, acquisition of areas of archeological, scientific, or historical importance, and necessary easements for scenic purposes. Appropriation to liquidate contract authority to be derived from the Highway trust fund is reflected in the Trust fund share of other highway programs account.

[ALASKA HIGHWAY]

[For necessary expenses to carry out the provisions of section 218 of title 23, United States Code, \$2,500,000, to remain available until expended.] (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)			
Identification code 69-0537-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Alaska Highway	6,643	8,844	8,000
2. Administration	170	156	.....
Total program costs, funded	6,813	9,000	8,000
Change in selected resources (undelivered orders)	13,364	-5,479	-8,000
10.00 Total obligations	20,177	3,521	.....
Financing:			
21.40 Unobligated balance available, start of year ..	-6,198	-1,021	.....
24.40 Unobligated balance available, end of year..	1,021	.....	.....
40.00 Budget authority (appropriation) ..	15,000	2,500	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net	20,177	3,521	.....
72.40 Obligated balance, start of year	12,458	25,785	20,306
74.40 Obligated balance, end of year	-25,785	-20,306	-12,306
90.00 Outlays	6,850	9,000	8,000

The 1973 Federal-Aid Highway Act authorized \$58.67 million for the reconstruction of the Alaska Highway from the Alaskan border to Haines Junction, Canada, and the Haines Cutoff Highway from Haines Junction to the south Alaskan border. No appropriation is being requested for 1981 because the benefits from construction of the highway accrue primarily to one State—Alaska.

General and special funds—Continued

[ALASKA HIGHWAY]—Continued

Object Classification (in thousands of dollars)

Identification code	69-0537-0-1-401	1979 actual	1980 est.	1981 est.
21.0	Travel and transportation of persons.....	23		
23.2	Communications, utilities, and other rent....	31		
25.0	Other services.....	116	156	
32.0	Lands and structures.....	20,007	3,365	
99.0	Total obligations.....	20,177	3,521	

[OFF-SYSTEM ROADS (LIQUIDATION OF CONTRACT AUTHORIZATION)]

For payment of obligations incurred in carrying out the provisions of section 122 of Public Law 93-643; \$10,000,000, to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

[SAFER OFF-SYSTEM ROADS]

For necessary expenses to carry out the provisions of 23 U.S.C. 219; \$35,000,000, to remain available until September 30, 1983. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Note.—Included below is \$20,000,000 for 1980 that was appropriated under the heading "Surface Transportation, Energy and Safety." The language for this appropriation appears at the end of the Department of Transportation chapter.

Program and Financing (in thousands of dollars)

Identification code	69-0502-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. Off-system roads.....	46,435	10,000	800
	2. Safer off-system roads.....	120,067	89,600	91,400
	3. Off-system railway-highway crossings.....	34,087	35,000	36,000
	Total program costs, funded.....	200,589	134,600	128,200
	Change in selected resources (undelivered orders).....	-41,483	-47,777	-128,200
10.00	Total obligations.....	159,106	86,823	
Financing:				
17.00	Recovery of prior year obligations.....	-3,136		
	Unobligated balance available, start of year:			
	Appropriation.....	-155,365	-31,823	
21.49	Contract authority.....	-2,428		
22.40	Unobligated balance transferred from other accounts.....	-6,063		
23.40	Unobligated balance transferred to other accounts.....	6,063		
24.40	Unobligated balance available, end of year:			
	Appropriation.....	31,823		
	Budget authority.....	30,000	55,000	
Budget authority:				
40.00	Appropriation.....	92,500	65,000	
40.49	Portion applied to liquidate contract authority.....	-62,500	-10,000	
43.00	Appropriation (adjusted).....	30,000	55,000	
Distribution of budget authority by account:				
	Safer off-system roads.....	15,000	55,000	
	Off-system railway-highway crossings.....	15,000		
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	155,970	86,823	
	Obligated balance, start of year:			
	Appropriation.....	259,584	277,644	239,867
72.49	Contract authority.....	70,072	10,000	
	Obligated balance, end of year:			
74.40	Appropriation.....	-277,644	-239,867	-111,667

74.49	Contract authority.....	-10,000		
90.00	Outlays.....	197,983	134,600	128,200
Distribution of outlays by account:				
	Off-system roads.....	46,435	10,000	800
	Safer off-system roads.....	120,597	89,600	91,400
	Off-system railway-highway crossings.....	30,951	35,000	36,000

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	72,500	10,000	
Appropriation to liquidate contract authority.....	-62,500	-10,000	
Unfunded balance, end of year.....	10,000		

The Federal-Aid Highway Amendments of 1974 and the Federal-Aid Highway Act of 1976 authorized three programs for the improvement of roads off the Federal-aid highway system.

1. *Off-system roads.*—The Federal-Aid Highway Amendments of 1974 provided for construction, reconstruction, and improvement of roads not on the Federal-aid highway system. This program was superseded by the Safer off-system roads program.

2. *Safer off-system roads.*—This program is for construction, reconstruction, and improvement of any off-system road, and is to include correction of safety hazards, replacement of bridges, and elimination of high-hazard locations and roadside obstacles.

3. *Off-system railway-highway crossings.*—This program is for the elimination of hazards of railroad-highway crossings on roads other than those on any Federal-aid highway system. Projects include crossing separation, relocation, and/or installation of gates or flashing lights.

No funds are being sought for this account in 1981 for several reasons. First, increased Federal highway funding assistance is provided in other accounts. This is shown by the fact that the total highway program level is proposed to increase from \$8.4 billion in 1980 to \$8.8 billion in 1981, and the Federal matching share for many programs has been increased from 70% to 75%. Second, Federal assistance for construction of off-system roads is included in several other FHWA appropriations. For example, in the Federal-aid highway account, funds for Pavement Marking, Railway-Highway Crossings, and Bridge Replacement and Rehabilitation may be used off-system.

Object Classification (in thousands of dollars)

Identification code	69-0502-0-1-401	1979 actual	1980 est.	1981 est.
25.0	Other services.....	5,067	1,238	
41.0	Grants, subsidies, and contributions.....	154,039	85,585	
99.0	Total obligations.....	159,106	86,823	
Distribution of obligations by account:				
	Off-system roads.....	2,427		
	Safer off-system roads.....	110,300	63,619	
	Off-system railway-highway crossings.....	46,379	23,204	

[ACCESS HIGHWAYS TO PUBLIC RECREATION AREAS ON CERTAIN LAKES]

For necessary expenses not otherwise provided, to carry out the provisions of 23 U.S.C. 155, \$9,650,000, to remain available until September 30, 1982. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-0503-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Access highways to public recreation areas on certain lakes (program costs, funded)	4,598	7,000	8,900
	Change in selected resources (undelivered orders)	54	14,239	-8,900
10.00	Total obligations (object class 41.0)	4,652	21,239	.....
Financing:				
21.40	Unobligated balance available, start of year	-12,564	-11,589	.....
24.40	Unobligated balance available, end of year	11,589	.....	.....
25.00	Unobligated balance lapsing	4,222	.....	.....
40.00	Budget authority (appropriation) ..	7,900	9,650	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net	4,652	21,239	.....
72.40	Obligated balance, start of year	8,700	8,855	23,094
74.40	Obligated balance, end of year	-8,855	-23,094	-14,194
90.00	Outlays	4,497	7,000	8,900

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 appropriation received for 1980 will fully fund projects authorized by the Congress. Therefore, no new budget authority is requested for 1981. Funds for additional projects of this nature are available in the Federal-aid highways program which is national in scope and available to all States on an equitable basis.

[HIGHWAYS CROSSING FEDERAL PROJECTS]

For necessary expenses in carrying out the provisions of 23 U.S.C. 156, \$14,000,000, to remain available until September 30, 1982. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-0510-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Highways crossing Federal projects (program costs, funded)	29,082	21,000	16,300
	Change in selected resources (undelivered orders)	-6,668	-6,378	-16,300
10.00	Total obligations (object class 41.0)	22,414	14,622	.....
Financing:				
21.40	Unobligated balance available, start of year	-7,036	-622	.....
24.40	Unobligated balance available, end of year	622	.....	.....
40.00	Budget authority (appropriation) ..	16,000	14,000	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net	22,414	14,622	.....
72.40	Obligated balance, start of year	44,755	40,563	34,185
74.40	Obligated balance, end of year	-40,563	-34,185	-17,885
90.00	Outlays	26,606	21,000	16,300

The Federal-Aid Highway Act of 1976 authorized \$100 million 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 cost of such highway or bridge since the public works project was authorized, and where such increased costs would work an undue hard-

ship upon any one State. The 1980 appropriation funds fully the authorization provided for this program.

[BICYCLE PROGRAM]

For necessary expenses in carrying out the provisions of section 141 of Public Law 95-599, \$4,000,000, of which \$2,000,000 shall be derived from the Highway Trust Fund. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-0558-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Bicycle program (program costs, funded) ..	.....	2,000	2,000
	Change in selected resources (undelivered orders) .....	.....	2,000	-2,000
10.00	Total obligations (object class 41.0) ..	.....	4,000	.....
Financing:				
13.00	Offsetting collections from: Trust funds .....	.....	-2,000	.....
40.00	Budget authority (appropriation) ..	.....	2,000	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net .....	.....	2,000	.....
72.40	Obligated balance, start of year .....	.....	.....	1,000
74.40	Obligated balance, end of year .....	.....	-1,000	.....
90.00	Outlays .....	.....	1,000	1,000

The Federal-Aid Highway Act of 1978 authorized grants to States and local subdivisions for (1) construction of bikeways, and (2) nonconstruction projects which can reasonably be expected to enhance the safety and use of bicycles. For 1981, bicycle projects will be eligible for funding from the proposed auto-use management program to be funded out of the Windfall Profits Tax.

SANDHILL CRANE WILDLIFE REFUGE

Program and Financing (in thousands of dollars)

Identification code	69-0509-0-1-302	1979 actual	1980 est.	1981 est.
Program by activities:				
10.00	Sandhill Crane Wildlife Refuge (costs—obligations) (object class 32.0)	4,000	.....	.....
40.00	Budget authority (appropriation)	4,000	.....	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net	4,000	.....	.....
90.00	Outlays	4,000	.....	.....

This appropriation provided for the acquisition of land in Jackson County, Miss., to be administered by the Secretary of Interior as a wildlife refuge for the Mississippi Sandhill Crane. The appropriation was transferred to the Department of Interior in 1979.

MISCELLANEOUS APPROPRIATIONS

Program and Financing (in thousands of dollars)

Identification code	69-9911-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. Inter-American Highway	1	1,809	.....
	2. Highway-related safety grants	-343	915	.....
	3. Alaskan assistance	-9	14	.....

General and special funds—Continued

MISCELLANEOUS APPROPRIATIONS—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 69-9911-0-1-401	1979 actual	1980 est.	1981 est.
4. Rural highway public transportation	2,013	1,400	1,366
5. Chamizal Memorial Highway	12	85	.....
6. Bikeway program	1,447	1,400	1,479
7. Highway beautification	23	150	143
8. Forest highways .....	.....	100	64
9. Public lands highways	64	144	.....
10. Salaries and expenses	32	.....	.....
Total program costs, funded	3,241	6,017	3,052
Change in selected resources (undelivered orders)	-2,733	-4,623	-3,052
10.00 Total obligations (object class 41.0)	508	1,394	.....
Financing:			
17.00 Recovery of prior years obligations	-23	.....	.....
21.40 Unobligated balance available, start of year	-1,791	-1,394	.....
24.40 Unobligated balance available, end of year	1,394	.....	.....
25.00 Unobligated balance lapsing	10	.....	.....
25.00 Unobligated balance restored	-98	.....	.....
Budget authority			
Distribution of obligations by account:			
Inter-American Highway	1	1,018	.....
Rural highway public transportation	-6	.....	.....
Chamizal Memorial Highway	-13	85	.....
Bikeway program	409	291	.....
Highway beautification	98	.....	.....
Forest Highways	-4	.....	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net	486	1,394	.....
72.40 Obligated balance, start of year	10,188	7,681	3,053
74.40 Obligated balance, end of year	-7,681	-3,053	.....
90.00 Outlays	2,992	6,022	3,053
Distribution of outlays by account:			
Inter-American Highway	1	1,809	.....
Highway-related safety grants	-343	915	.....
Alaskan assistance	-8	14	.....
Rural highway public transportation	1,586	1,400	1,366
Chamizal Memorial Highway	12	90	.....
Bikeway program	1,598	1,400	1,479
Highway beautification	74	150	143
Forest highways .....	.....	100	64
Public lands highways	75	144	.....
Salaries and expenses	25	.....	.....
Integrated grant administration	-29	.....	.....

This account was established to display programs that no longer require appropriations and provide a mechanism to show the obligation and outlay of amounts made available in prior years. No subsequent appropriations are anticipated.

Trust Funds

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

* See Part III for additional information.

For carrying out the provisions of title 23, United States Code, which are attributable to Federal-aid highways, not otherwise provided, including reimbursements for sums expended pursuant to the provisions of 23 U.S.C. 308, **[\$6,800,000,000]** \$7,900,000,000, or so much thereof as may be available in and derived from the Highway Trust Fund, to remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code 20-8102-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Interstate system	3,230,150	3,680,000	3,900,000
2. Rural and small urban area transportation programs	1,845,653	1,900,000	2,015,000
3. Urbanized area transportation programs	1,135,068	1,130,000	1,195,000
4. Bridge program	207,683	900,000	950,000
5. Construction safety programs	287,717	500,000	500,000
6. Administration and research	150,699	183,128	184,511
7. Other	102,169	106,872	105,489
Total direct program costs, funded	6,959,139	8,400,000	8,850,000
Reimbursable program:			
1. Construction	3,436	7,000	7,000
2. Administration	23,602	28,000	28,000
Total reimbursable program costs, funded	27,038	35,000	35,000
Total program costs, funded	6,986,177	8,435,000	8,885,000
Change in selected resources (undelivered orders)	1,768,163	.....	.....
10.00 Total obligations	8,754,340	8,435,000	8,885,000
Financing:			
Offsetting collections from:			
11.00 Federal funds	-26,304	-33,000	-33,000
13.00 Trust funds	-1,331	-1,900	-1,900
Non-Federal sources:			
14.00 Loan repayments	-100,197	.....	.....
Other	0	-100	-100
17.00 Recovery of prior year obligations	-2,776	.....	.....
21.49 Unobligated balance available, start of year	-5,707,772	-5,039,407	-5,240,947
24.49 Unobligated balance available, end of year	5,039,407	5,240,947	5,438,987
25.00 Unobligated balance lapsing	20,998	.....	.....
Budget authority	7,976,365	8,601,540	9,048,040
Budget authority:			
Current:			
40.00 Appropriation	6,950,000	6,802,000	7,900,000
40.49 Portion applied to liquidate contract authority	-6,950,000	-6,800,000	-7,900,000
43.00 Appropriation (adjusted) .....	.....	2,000	.....
49.10 Contract authority (Public Law 95-599) Reduction in contract authority under 23 U.S.C. 103(e)(4)	7,894,067	.....	.....
.....	-17,702	.....	.....
Permanent:			
69.10 Contract authority definite (Public Laws 94-280, 95-599)	100,000	8,599,540	9,048,040
Relation of obligations to outlays:			
71.00 Obligations incurred, net	8,623,732	8,400,000	8,850,000
Obligated balance, start of year:			
72.40 Appropriation	673,446	747,466	2,000
72.49 Contract authority	10,566,797	12,240,528	13,838,528
Obligated balance, end of year:			
74.40 Appropriation	-747,466	-2,000	-42,500
74.49 Contract authority	-12,240,528	-13,838,528	-14,788,528
90.00 Outlays	6,875,980	7,547,466	7,859,500

Status of Direct Loans (in thousands of dollars)

Cumulative balance of direct loans outstanding:			
2100	Outstanding, start of year.....	100,197	.....
2400	Repayments, prepayments, loan sales.....	-100,197	.....

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	16,274,569	17,279,936	18,679,476
Contract authority.....	7,994,067	8,599,540	9,048,040
Reduction in contract authority under sec. 110, Public Law 94-280.....	-17,702	.....	.....
Unfunded balance lapsing.....	-20,998	.....	.....
Appropriation from Highway trust fund to liquidate contract authority.....	-6,950,000	-6,800,000	-7,900,000
Supplemental to liquidate contract authority.....	.....	-400,000	.....
Unfunded balance, end of year.....	17,279,936	18,679,476	19,827,516

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. The Federal share of most other Federal-aid projects was 70%, but the 1978 Highway Act increased it to 75%. The Federal share of project costs is higher than 75% and 90% in those States with large areas of public domain.

1. *Interstate system.*—Of the 42,500-mile system, 39,706 miles were open to traffic as of September 30, 1979. In addition to assistance for construction and improvement of Interstate segments, provision is made for resurfacing, restoring, and rehabilitating older parts of the system. At State and local option, authorizations for nonessential segments deleted from the system may be utilized for improvements on bus and rail transportation systems or on other highway systems. The Federal-aid Highway Act of 1978 changed the period of fund availability to 2 years at which time unobligated balances will become discretionary for the purpose of accelerating the construction of the Interstate System.

2. *Rural and small urban area transportation programs.*—Provides financial assistance to States for highway construction, reconstruction, and related planning and research on the primary, secondary, and urban systems in rural and small urban areas (with populations of 50,000 or less). A portion of the financial assistance will be for projects to resurface, restore, and rehabilitate primary and secondary highways. Assistance is also provided for forest and public lands highways.

3. *Urbanized area transportation programs.*—Provides financial assistance to States for highway construction, reconstruction, and related planning and research on the urban system in urbanized areas (with populations of more than 50,000). Financial assistance may also be utilized for bus and other mass transportation related facilities.

4. *Bridge program.*—Provides financial assistance to States for projects designed to replace or rehabilitate structurally deficient bridges which are hazardous to the safety of motorists.

5. *Construction safety programs.*—Provides financial assistance to States for safety improvements to the highway systems. Programs that may be pursued include: (1) a safety improvement program (which includes projects for eliminating hazards and roadside obstacles), (2) pavement marking demonstration projects, and (3) rail-highway crossings.

6. *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.

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

Object Classification (in thousands of dollars)

Identification code	20-8102-0-7-401	1979 actual	1980 est.	1981 est.
FEDERAL HIGHWAY ADMINISTRATION				
Personnel compensation:				
11.1	Permanent positions.....	6,485	6,683	6,748
11.3	Positions other than permanent.....	690	900	900
11.5	Other personnel compensation.....	460	327	330
	Total personnel compensation.....	7,635	7,910	7,978
Direct obligations:				
	Personnel compensation.....	3,054	3,585	3,611
12.1	Personnel benefits: Civilian.....	366	375	378
21.0	Travel and transportation of persons.....	1,154	920	1,100
22.0	Transportation of things.....	240	248	300
23.2	Communications, utilities, and other rent....	196	210	215
24.0	Printing and reproduction.....	23	12	13
25.0	Other services.....	1,161	1,100	1,150
26.0	Supplies and materials.....	53	45	45
31.0	Equipment.....	2	3	3
32.0	Lands and structures.....	27,461	28,102	28,000
41.0	Grants, subsidies, and contributions.....	8,508,477	8,136,853	8,580,973
93.0	Limitation on general operating expenses (see separate schedule).....	150,699	183,128	184,511
	Total direct obligations.....	8,692,886	8,354,582	8,800,299
Reimbursable obligations:				
	Personnel compensation.....	4,581	4,325	4,367
12.1	Personnel benefits: Civilian.....	329	450	454
13.0	Benefits for former personnel.....	1	.....	.....
21.0	Travel and transportation of persons.....	157	380	400
22.0	Transportation of things.....	130	157	170
23.2	Communications, utilities, and other rent....	282	163	170
24.0	Printing and reproduction.....	21	13	14
25.0	Other services.....	1,379	12,706	14,229
26.0	Supplies and materials.....	347	258	265
31.0	Equipment.....	565	427	440
32.0	Lands and structures.....	49	1,800	1,800
93.0	Limitation on general operating expenses (see separate schedule).....	19,794	14,321	12,691
	Total reimbursable obligations.....	27,635	35,000	35,000
	Total obligations, Federal Highway Administration.....	8,720,521	8,389,582	8,835,299
ALLOCATION ACCOUNTS				
Personnel compensation:				
11.1	Permanent positions.....	1,270	1,366	1,377
11.3	Positions other than permanent.....	1,170	1,276	1,242
11.5	Other personnel compensation.....	565	604	602
	Total personnel compensation.....	3,005	3,246	3,221
12.1	Personnel benefits: Civilian.....	273	297	296
21.0	Travel and transportation of persons.....	215	59	65
22.0	Transportation of things.....	547	164	180
23.2	Communications, utilities, and other rent....	156	196	258
24.0	Printing and reproduction.....	2	2	9
25.0	Other services.....	7,329	10,181	14,042
26.0	Supplies and materials.....	152	195	205

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

Object Classification (in thousands of dollars)—Continued				
Identification code	20-8102-0-7-401	1979 actual	1980 est.	1981 est.
31.0	Equipment	27	31	41
32.0	Lands and structures	828	1,042	1,377
41.0	Grants, subsidies, and contributions	21,280	30,000	30,000
42.0	Insurance, claims, and indemnities	5	5	7
	Total obligations, allocation accounts	33,819	45,418	49,701
99.0	Total obligations	8,754,340	8,435,000	8,885,000
Obligations are distributed as follows:				
	Federal Highway Administration	8,720,521	8,389,582	8,835,299
	Urban Mass Transportation Administration	21,280	30,000	30,000
	Army: Corps of Engineers	27	83	1,050
	Agriculture: Forest Service	11,301	13,679	17,098
	Interior:			
	Bureau of Land Management	81		
	Bureau of Indian Affairs	835	1,352	1,333
	National Park Service	294	304	220

Personnel Summary

FEDERAL HIGHWAY ADMINISTRATION			
Direct:			
Total number of permanent positions	137	137	137
Total compensable workyears	176	175	175
Full-time equivalent of other positions	(45)	(50)	(50)
Full-time equivalent of overtime and holiday hours	(6)	(6)	(6)
Average GS grade	8.64	8.64	8.64
Average GS salary	\$18,838	\$20,370	\$20,575
Reimbursable:			
Total number of permanent positions	315	186	186
Total compensable workyears	332	219	219
Full-time equivalent of other positions	(50)	(50)	(50)
Full-time equivalent of overtime and holiday hours	(14)	(14)	(14)
Average GS grade	8.64	8.64	8.64
Average GS salary	\$18,838	\$20,370	\$20,575
ALLOCATION ACCOUNTS			
Total number of permanent positions	61	64	66
Total compensable workyears	163	171	177
Full-time equivalent of other positions	(102)	(107)	(111)
Full-time equivalent of overtime and holiday hours	(22)	(23)	(23)
Average ES salary	\$47,500	\$50,112	\$50,112
Average GS grade	8.75	8.75	8.75
Average GS salary	\$17,200	\$18,545	\$18,545
Average salary of ungraded positions	\$13,641	\$14,596	\$14,596

LIMITATION ON GENERAL OPERATING EXPENSES

Necessary expenses for administration, operation, and research of the Federal Highway Administration not to exceed **[\$188,600,000]** \$197,202,000 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 **[\$46,550,000]** \$39,000,000 of the amount provided herein shall remain available until expended. (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
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Program by activities:

1. Program direction and coordination:

(a) Executive direction	690	809	829
(b) Legal services	1,606	1,878	1,922
(c) Program review	492	241	235
(d) Public affairs	318	375	384
(e) Civil rights	770	902	931
2. General program support:			
(a) Program and highway planning	7,825	15,098	13,024
(b) Research and development	20,725	29,756	23,470
(c) Administrative support	28,365	29,986	34,142
(d) National Highway Institute	2,219	2,511	2,584
(e) Career development programs	3,150	3,636	4,033
3. Highway programs:			
(a) Engineering and traffic operations	7,318	8,553	8,768
(b) Right-of-way and environment	3,368	3,931	4,027
(c) Highway safety	10,483	10,965	10,457
(d) Construction skill training	10,286	9,103	10,000
4. Field operations	68,814	72,440	74,311
5. Inspector general reimbursement	4,064	7,265	8,085
Total program costs, funded—obligations	170,493	197,449	197,202
Financing:			
Offsetting collections from: Federal funds	-2,330	-1,500	
Unobligated balance available, start of year	-2,257	-1,649	
Unobligated balance available, end of year	1,649		
Unobligated balance lapsing	6,294		
Limitation	173,850	188,600	197,202
Proposed increase due to civilian pay increases		5,700	

This limitation provides for the salaries and expenses of the Federal Highway Administration.

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.

Major new elements of this program in 1981 include: (1) an additional \$1.0 million for skill training of minorities for employment in the highway construction industry; (2) an additional \$1.1 million for the interjurisdictional trucking program; and (3) \$1.49 million for modernization of FHWA's management and fiscal information system.

FHWA employment attributable to this account for 1981 will be maintained at the 1980 level of 3,542 positions.

Object Classification (in thousands of dollars)

Identification code	20-8102-0-7-401	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	87,772	92,772	94,724
11.3	Positions other than permanent.....	1,627	2,060	2,337
11.5	Other personnel compensation.....	273	530	530
	Total personnel compensation.....	89,672	95,362	97,591
12.1	Personnel benefits: Civilian.....	10,044	10,005	10,499
13.0	Benefits for former personnel.....	3		
21.0	Travel and transportation of persons.....	5,185	4,901	5,376
22.0	Transportation of things.....	657	749	758
23.1	Standard level user charges.....	7,049	7,429	7,319
23.2	Communications, utilities, and other rent.....	3,257	4,887	5,631
24.0	Printing and reproduction.....	1,928	2,051	2,297
25.0	Other services.....	50,451	63,471	64,630
26.0	Supplies and materials.....	905	1,071	1,257
31.0	Equipment.....	1,179	973	1,844
32.0	Lands and structures.....	157	6,550	
42.0	Insurance claims and indemnities.....	7		
93.0	Administrative expenses included in schedule for fund as a whole.....	-170,493	-197,449	-197,202
	Total obligations.....			

Personnel Summary

Total number of permanent positions.....	3,543	3,542	3,542
Total compensable workyears.....	3,481	3,527	3,551
Full-time equivalent of other positions.....	(155)	(14)	(14)
Full-time equivalent of overtime and holiday hours.....	(14)	(14)	(14)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	10.36	10.36	10.36
Average GS salary.....	\$25,147	\$27,364	\$27,830

HIGHWAY-RELATED SAFETY GRANTS (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)

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, **[\$26,500,000]** \$17,500,000 to be derived from the Highway Trust Fund: *Provided*, That not to exceed **[\$633,000]** \$560,000 of the amount appropriated herein shall be available for "Limitation on general operating expenses". (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-8019-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
1.	State and community grants.....	24,001	22,367	23,640
2.	Administration of grant programs.....	633	633	560
	Total program costs, funded.....	24,634	23,000	24,200
	Change in selected resources (undelivered orders).....	3,366	5,000	3,800

10.00	Total obligations.....	28,000	28,000	28,000
Financing:				
21.49	Unobligated balance available, start of year.....	-59,929	-56,331	-53,004
24.49	Unobligated balance available, end of year.....	56,331	53,004	49,677
25.00	Unobligated balance lapsing.....	271		
	Budget authority.....	24,673	24,673	24,673
Budget authority:				
Current:				
40.00	Appropriation.....	23,000	26,500	17,500
40.49	Portion applied to liquidate contract authority.....	-23,000	-26,500	-17,500
43.00	Appropriation (adjusted).....			
Permanent:				
69.10	Contract authority (90 Stat. 451, 92 Stat. 2727) (definite).....	24,673	24,673	24,673
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	28,000	28,000	28,000
Obligated balance, start of year:				
72.40	Appropriation.....	4,470	3,847	7,347
72.49	Contract authority.....	31,298	36,298	37,798
Obligated balance, end of year:				
74.40	Appropriation.....	-3,847	-7,347	-647
74.49	Contract authority.....	-36,298	-37,798	-48,298
90.00	Outlays.....	23,623	23,000	24,200
Status of Unfunded Contract Authority (in thousands of dollars)				
	Unfunded balance, start of year.....	91,227	92,630	90,803
	Unfunded balance lapsing.....	-271		
	Contract authority.....	24,673	24,673	24,673
	Appropriation to liquidate contract authority.....	-23,000	-26,500	-17,500
	Unfunded balance, end of year.....	92,630	90,803	97,976

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 1975 and the Highway Safety Act of 1978 provided additional authorizations which were entirely trust funded and extended grant eligibility to Indian reservations and the four U.S. territories. Funds for the territories are included in the Territorial Highways account.

Object Classification (in thousands of dollars)

Identification code	69-8019-0-7-401	1979 actual	1980 est.	1981 est.
25.0	Other services.....	633	633	560
41.0	Grants, subsidies, and contributions.....	27,367	27,367	27,440
99.0	Total obligations.....	28,000	28,000	28,000

BALTIMORE-WASHINGTON PARKWAY

For necessary expenses not otherwise provided, to carry out provisions of the Federal-Aid Highway Act of 1970, for the Baltimore-Washington Parkway, to remain available until expended, \$1,000,000 to be derived from the Highway Trust Fund.

Program and Financing (in thousands of dollars)

Identification code	69-8014-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Baltimore-Washington Parkway (program costs, funded).....	1,565	1,600	1,300
	Change in selected resources (undelivered orders).....	-1,565	876	-300
10.00	Total obligations (object class 32.0).....		2,476	1,000

BALTIMORE-WASHINGTON PARKWAY—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code	69-8014-0-7-401	1979 actual	1980 est.	1981 est.
Financing:				
17.00	Recovery of prior year obligations.....	—682		
21.40	Unobligated balance available, start of year	—1,794	—2,476	
24.40	Unobligated balance available, end of year..	2,476		
40.00	Budget authority (appropriation) ..			1,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	—682	2,476	1,000
72.40	Obligated balance, start of year.....	3,095	1,530	2,406
74.40	Obligated balance, end of year.....	—1,530	—2,406	—2,106
90.00	Outlays.....	883	1,600	1,300

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.

The 1981 program level of \$1.0 million will complete environmental and preliminary design studies and begin some contract plans development.

TRUST FUND SHARE OF OTHER HIGHWAY PROGRAMS

Program and Financing (in thousands of dollars)

Identification code	69-8009-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	1. National scenic and recreational highway.....	10,101	20,000	23,858
	2. Railroad-highway crossings—demonstration projects.....	7,004	11,000	15,800
	3. Rail crossings—demonstration projects.....	1,853	2,000	2,204
	4. Rural highway public transportation demonstration program.....	3,579	2,000	2,018
	5. Bicycle program.....		1,000	1,000
	Total program costs, funded.....	22,536	36,000	44,880
	Change in selected resources (undelivered orders).....	19,800	35,536	14,552
10.00	Total obligations (object class 25.0).....	42,336	71,536	59,432
Financing:				
	Unobligated balance available, start of year:			
21.40	Appropriation.....	—17,130	—38,635	—21,932
21.49	Contract authority.....	—79,169	—66,995	—52,495
	Unobligated balance available, end of year:			
24.40	Appropriation.....	38,635	21,932	
24.49	Contract authority.....	66,995	52,495	39,995
	Budget authority.....	51,667	40,333	25,000
Budget authority:				
Current:				
40.00	Appropriation.....	39,667	35,133	9,400
40.49	Portion applied to liquidate contract authority.....	—13,000	—19,800	—9,400
43.00	Appropriation (adjusted).....	26,667	15,333	
Permanent:				
69.10	Contract authority (90 Stat. 428).....	25,000	25,000	25,000
Distribution of budget authority by account:				
	National scenic and recreational highway.....	25,000	25,000	25,000

Railroad-highway crossings demonstration projects.....	26,667	13,333	
Bicycle program.....		2,000	
Distribution of obligations by account:			
National scenic and recreational highway.....	37,174	39,500	37,500
Railroad-highway crossings demonstration projects.....	3,557	30,000	21,932
Rail crossings—demonstration projects.....	1,605	36	
Bicycle program.....		2,000	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	42,336	71,536	59,432
Obligated balance, start of year:			
72.40 Appropriation.....	43,004	39,531	55,367
72.49 Contract authority.....	15,481	39,655	59,355
Obligated balance, end of year:			
74.40 Appropriation.....	—39,531	—55,367	—41,819
74.49 Contract authority.....	—39,655	—59,355	—87,455
90.00 Outlays.....	21,634	36,000	44,880
Distribution of outlays by account:			
National scenic and recreational highway.....	9,139	20,000	23,858
Railroad-highway crossings demonstration projects.....	6,572	11,000	15,800
Rail crossings—demonstration projects.....	1,867	2,000	2,204
Rural highway public transportation demonstration program.....	4,055	2,000	2,018
Bicycle program.....		1,000	1,000

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	94,650	106,650	111,850
Contract authority.....	25,000	25,000	25,000
Appropriation to liquidate contract authority.....	—13,000	—19,800	—9,400
Unfunded balance, end of year.....	106,650	111,850	127,450

This account makes reimbursement for the trust fund share of certain accounts that are funded with both general funds and trust funds. Those accounts are listed in the distribution tables shown above. The language appropriating the amounts reflected in this account and the narrative statements on program and performance appear with those accounts.

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 and to remain available until expended, **[\$9,500,000]** \$9,000,000. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	69-8017-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Highway Safety Research and Development (program costs, funded).....	7,618	9,400	8,500
	Change in selected resources (undelivered orders).....	1,661	154	500
10.00	Total obligations (object class 25.0).....	9,279	9,554	9,000
Financing:				
21.40	Unobligated balance available, start of year	—334	—54	
24.40	Unobligated balance available, end of year..	54		
40.00	Budget authority (appropriation) ..	9,000	9,500	9,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	9,279	9,554	9,000
72.40	Obligated balance, start of year.....	15,228	16,889	17,043

74.40	Obligated balance, end of year.....	-16,889	-17,043	-17,543
90.00	Outlays.....	7,618	9,400	8,500

This appropriation, established in 1975, seeks to identify, correct, and evaluate those critical elements that 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 1981. This program will attempt to meet the increasing 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

Program and Financing (in thousands of dollars)

Identification code	69-8021-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Overseas highway (program costs, funded).....	12,665	19,230	31,400
	Change in selected resources (undelivered orders).....	40,694	16,062	-31,400
10.00	Total obligations (object class 41.0).....	53,359	35,292	.....
Financing:				
21.40	Unobligated balance available, start of year.....	-1,551	-35,292	.....
24.40	Unobligated balance available, end of year..	35,292	.....	.....
40.00	Budget authority (appropriation).....	87,100	.....	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	53,359	35,292	.....
72.40	Obligated balance, start of year.....	23,909	64,677	80,739
74.40	Obligated balance, end of year.....	-64,677	-80,739	-49,339
90.00	Outlays.....	12,592	19,230	31,400

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.

By agreement with the State of Florida, the 1979 appropriation of \$87.1 million completes funding for this program.

CARPPOOL/VANPOOL SUPPORT PROGRAM

For necessary expenses in carrying out the provisions of section 126(d) of Public Law 95-599, \$1,000,000, to be derived from the Highway Trust Fund, to remain available until expended.

Note.—Included below is \$4,000,000 for 1980 that was appropriated under the heading "Surface Transportation, Energy and Safety." The language for this appropriation appears at the end of the Department of Transportation chapter.

Program and Financing (in thousands of dollars)

Identification code	69-8002-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:				
	Carpool/vanpool support program (program costs, funded).....	.....	2,000	2,500
	Change in selected resources (undelivered orders).....	.....	2,000	-1,500
10.00	Total obligations (object class 41.0).....	.....	4,000	1,000
Financing:				
40.00	Budget authority (appropriation).....	.....	4,000	1,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	.....	4,000	1,000
72.40	Obligated balance, start of year.....	.....	.....	2,000
74.40	Obligated balance, end of year.....	.....	-2,000	-500
90.00	Outlays.....	.....	2,000	2,500

The Federal-Aid Highway Act of 1978 declared that it would be national policy to make a special effort to promote commuter modes of transportation that conserve energy, reduce pollution, and reduce traffic congestion. The Secretary was directed to assist both public and private employers and employees who wish to establish carpooling and vanpooling programs where they are needed and desired, and to assist local and State governments, and their instrumentalities, in encouraging such modes by removing legal and regulatory barriers to such programs, supporting existing carpooling and vanpooling programs, and providing technical assistance for the purpose of increasing participation in such modes. For 1981, carpool/vanpool projects will be eligible for funding from the proposed Auto-use Management program to be funded out of the Windfall Profits Tax.

HIGHWAY TRUST FUND

Amounts Available for Appropriation (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Unexpended balance brought forward.....	11,672,504	12,564,460	12,641,501
Balance in expenditure accounts.....	-94,421	-95,803	-95,803
Appropriated balance.....	-838,218	-993,319	-442,316
Unappropriated balance, start of year.....	10,739,865	11,475,338	12,103,382
Receipts (net) existing legislation.....	8,046,098	8,134,000	8,165,000
Total available for appropriation.....	18,785,963	19,609,338	20,268,382
Appropriations:			
Federal Highway Administration:			
Federal-aid highways (liquidation of contract authorization).....	6,950,000	6,800,000	7,900,000
Appropriation.....	.....	2,000	.....
Proposed supplemental (liquidation of contract authorization).....	.....	400,000	.....
Highway-related safety grants (liquidation of contract authorization).....	23,000	26,500	17,500
Demonstration programs.....	10,000	.....	.....
Trust fund share of other highway programs:	.....	.....	.....
Appropriation.....	26,667	15,333	.....

HIGHWAY TRUST FUND—Continued

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

	1979 actual	1980 est.	1981 est.
Liquidation of contract authorization.....	13,000	19,800	9,400
Highway safety research and development.....	9,000	9,500	9,000
Overseas highway.....	87,100		
Baltimore-Washington Parkway.....			1,000
National Highway Traffic Safety Administration:			
Trust fund share of highway safety programs:			
Appropriation.....	26,059	46,323	88,125
Liquidation of contract authorization.....	166,000	171,000	163,800
Department of Interior, National Park Service: Cumberland Gap Highway (liquidation of contract authorization).....		15,500	21,500
Total appropriations.....	7,310,826	7,505,956	8,210,325
Unobligated balance returned to unappropriated receipts.....	202		
Unexpended balance, end of year ...	12,564,460	12,641,501	12,588,468
Balance in expenditure accounts.....	-95,803	-95,803	-95,803
Appropriated balance.....	-993,319	-442,316	-434,608
Unappropriated balance, end of year.....	11,475,338	12,103,382	12,058,057

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, 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):

	1979 actual	1980 estimate	1981 estimate
Unexpended balance brought forward:			
U.S. securities (par).....	11,578,082	12,468,657	12,545,698
Cash.....	94,421	95,803	95,803
Balance of fund at start of year.....	11,672,503	12,564,460	12,641,501
Cash income during the year: Governmental receipts:			
From excise taxes:			
Gasoline tax.....	4,478,531	4,207,000	4,189,000
Truck, bus and trailer taxes....	943,579	949,000	1,078,000
Tire, innertube, and tread rubber taxes.....	866,950	833,000	835,000
Diesel fuel taxes.....	497,260	515,000	513,000
Lubricating oil taxes.....	109,415	105,000	107,000
Use tax on certain vehicles....	235,333	277,000	274,000
Truck parts and accessories tax.....	224,730	251,000	275,000
Transfers to land and water conservation fund.....	-33,563	-31,000	-31,000
Refund of taxes.....	-133,422	-172,000	-158,000
Intrabudgetary transactions:			
Interest on investments.....	852,902	1,200,000	1,083,000

Miscellaneous interest.....	4,384		
Total annual income.....	8,046,098	8,134,000	8,165,000
Cash outgo during the year:			
Federal Highway Administration appropriations:			
Federal-aid highways (liquidation of contract authorization).....	6,875,980	7,545,466	7,859,500
Appropriation.....		2,000	
Proposed supplemental (liquidation of contract authorization).....		202,534	
Highway-related safety grants (liquidation of contract authorization).....	23,623	23,000	24,200
Baltimore-Washington Parkway.....	883	1,600	1,300
Demonstration programs.....	14,326	13,450	12,252
Trust fund share of other highway programs:			
Appropriation.....	12,495	16,000	22,022
Liquidation of contract authorization.....	9,139	20,000	22,858
Highway safety research and development.....	7,618	9,400	8,500
Overseas highway.....	12,592	19,230	31,400
Right-of-way revolving fund (liquidation of contract authorization).....	-441		
National Highway Traffic Safety Administration appropriations:			
Trust fund share of highway safety programs:			
Appropriation.....	27,400	22,410	24,504
Liquidation of contract authorization.....	166,000	170,500	191,955
Department of Agriculture, Forest Service appropriations:			
Highland Scenic Highway.....	4,406	3,526	527
Highland Scenic Highway study.....	119	343	515
Department of Interior, National Park Service Appropriation: Cumberland Gap Highway (liquidation of contract authorization).....		7,500	18,500
Total annual outgo.....	7,154,141	8,056,959	8,218,033
Unexpended balance carried forward:			
U.S. securities (par).....	12,468,657	12,545,698	12,492,665
Cash.....	95,803	95,803	95,803
Balance of fund at end of year.....	12,564,460	12,641,501	12,588,468
Commitment against unexpended balances:			
Appropriated but not expended:			
Appropriations.....	-215,161	-182,954	-116,417
Liquidation of contract authorization.....	-873,961	-355,165	-414,163
Committed to future liquidating cash appropriations:			
Outstanding obligated balance of contract authority.....	-12,541,594	-13,755,006	-14,688,301
Unobligated balance of contract authority.....	-5,336,544	-5,520,248	-5,803,873
Total commitment against unexpended balances.....	-18,967,260	-19,813,373	-21,022,754
Uncommitted balance, end of year.....	-6,402,800	-7,171,872	-8,434,286

MISCELLANEOUS TRUST FUNDS

Program and Financing (in thousands of dollars)

Identification code	69-9971-0-7-151	1979 actual	1980 est.	1981 est.
Program by activities:				
1.	Cooperative work, forest highways	500	821	500
2.	Equipment, supplies, etc., for cooperating countries.....	1,173	1,000	1,770
3.	Technical assistance, U.S. dollars advanced from foreign governments.....	1,866	1,626	1,500
4.	Contributions for highway research programs.....	5	590	500
5.	Advances from State cooperating agencies.....	288	2,735	1,000
	Total program costs, funded	3,832	6,772	5,270
	Change in selected resources (undelivered orders)	2,839	-3,310	-1,770
10.00	Total obligations.....	6,671	3,462	3,500
Financing:				
Unobligated balance available, start of year:				
21.40	Appropriation	-1,275	-1,576	.....
21.49	Contract authority.....	-21	-23	.....
Unobligated balance available, end of year:				
24.40	Appropriation	1,576	.....	.....
24.49	Contract authority.....	23	.....	.....
	Budget authority	6,974	1,864	3,500
Budget authority:				
Permanent:				
60.00	Appropriation	6,130	3,300	3,500
60.49	Portion applied to liquidate contract authority	-600	-1,436	.....
63.00	Appropriation (adjusted).....	5,530	1,864	3,500
69.10	Contract authority	1,444	.....	.....
Distribution of budget authority by account:				
	Cooperative work, forest highways.....	429	164	500
	Equipment, supplies, etc., for cooperating countries.....	2,549	.....	.....
	Technical assistance, U.S. dollars advanced from foreign governments.....	1,753	700	1,500
	Contributions for highway research programs.....	220	.....	500
	Advances from State cooperating agencies.....	2,023	1,000	1,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net	6,671	3,462	3,500
Obligated balance, start of year:				
72.40	Appropriation	1,652	3,668	1,770
72.49	Contract authority.....	571	1,412	.....
Obligated balance, end of year:				
74.40	Appropriation	-3,668	-1,770	.....
74.49	Contract authority.....	-1,412	.....	.....
90.00	Outlays.....	3,814	6,772	5,270
Distribution of outlays by account:				
	Cooperative work, forest highways.....	494	821	500
	Equipment, supplies, etc., for cooperating countries.....	1,173	1,000	1,770
	Technical assistance, U.S. dollars advanced from foreign governments.....	1,854	1,626	1,500
	Contributions for highway research programs.....	5	590	500
	Advances from State cooperating agencies.....	289	2,735	1,000
Status of Unfunded Contract Authority (dollars in thousands)				
	Unfunded balance, start of year.....	592	1,436	.....
	Contract authority	1,444	.....	.....
	Appropriation to liquidate contract authority.....	-600	-1,436	.....
	Unfunded balance, end of year.....	1,436	.....	.....

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, etc., 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.*—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. Currently, these services are being rendered in Costa Rica, Panama, Colombia, Saudi Arabia, 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	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	674	838	838
11.3	Positions other than permanent.....	41	44	44
11.5	Other personnel compensation.....	126	135	135
	Total personnel compensation.....	841	1,017	1,017
12.1	Personnel benefits: Civilian.....	82	99	99
21.0	Travel and transportation of persons.....	82	166	170
22.0	Transportation of things.....	49	53	57
23.2	Communications, utilities, and other rent....	2	3	3
25.0	Other services.....	1,127	1,077	1,092
31.0	Equipment.....	1	2	2
32.0	Lands and structures.....	4,487	1,045	1,060
99.0	Total obligations.....	6,671	3,462	3,500
Distribution of obligations by account:				
	Cooperative work, forest highways.....	202	500	500
	Equipment, supplies, etc., for cooperating countries.....	2,549	.....	.....
	Technical assistance, U.S. dollars advanced from foreign governments.....	1,894	1,513	1,500
	Contributions for highway research programs.....	6	447	500
	Advances from State cooperating agencies.....	2,020	1,002	1,000
Personnel Summary				
	Total number of permanent positions.....	21	24	24
	Total compensable workyears.....	23	26	26
	Full-time equivalent of other positions.....	(2)	(2)	(2)
	Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
	Average GS grade.....	14.00	14.00	14.00
	Average GS salary.....	\$35,982	\$39,116	\$39,116

MISCELLANEOUS TRUST FUNDS—DEMONSTRATION PROJECTS

Program and Financing (in thousands of dollars)			
Identification code 69-9972-0-7-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Project acceleration demonstration program.....	7,377	6,000	5,502
2. Traffic control signalization demonstration projects.....	6,947	7,000	6,000
3. Intermodal urban demonstration project..	2	450	750
Total program costs, funded.....	14,326	13,450	12,252
Change in selected resources (undelivered orders).....	684	-10,545	-12,252
10.00 Total obligations (object class 41.0).	15,010	2,905	.....
Financing:			
21.40 Unobligated balance available, start of year	-7,915	-2,905	.....
24.40 Unobligated balance available, end of year..	2,905	.....	.....
40.00 Budget authority (appropriation) ..	10,000	.....	.....
Distribution of budget authority by account:			
Project acceleration demonstration.....	10,000	.....	.....
Distribution of obligations by account:			
Project acceleration demonstration.....	9,996	33	.....
Traffic control signalization.....	3,590	2,046	.....
Intermodal urban demonstration.....	1,424	826	.....
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	15,010	2,905	.....
72.40 Obligated balance, start of year.....	31,703	32,387	21,842
74.40 Obligated balance, end of year.....	-32,387	-21,842	-9,590
90.00 Outlays.....	14,326	13,450	12,252
Distribution of outlays by account:			
Project acceleration demonstration.....	7,377	6,000	5,502
Traffic control signalization.....	6,947	7,000	6,000
Intermodal urban demonstration.....	2	450	750

1. *Project acceleration demonstration program.*—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 appropriations for this program through 1979 total \$25 million, and are expected to be obligated by the end of 1980 for a highway interchange near Everett, Pa.

2. *Traffic control signalization demonstration projects.*—This program is intended to improve traffic signal control systems by using technology not now in general use.

It is estimated that all \$30 million appropriated through 1978 will be obligated by the end of 1980, and no further funding is requested. Activities authorized through this account are also authorized expenses within the Federal-aid highways account.

3. *Intermodal urban demonstration project.*—Section 124 of the Federal-Aid Highway Amendments of 1974 authorized not to exceed \$53 million for a demonstration project for construction of a high-density urban highway intermodal transportation connection between Franklin Avenue and 59th Street South, in Minneapolis, Minn.

The 1978 appropriation of \$2.25 million will cover preliminary design and environmental studies. No addi-

tional funding will be requested in 1981 because the outcome of social, economic and environmental studies are pending.

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

Program and Financing (in thousands of dollars)			
Identification code 69-8402-0-8-401	1979 actual	1980 est.	1981 est.
Program by activities:			
Advance acquisition of right-of-way (program costs, funded).....	.....	.....	.....
Change in selected resources (undelivered orders).....	12,001	.....	.....
10.00 Total obligations (object class 33.0).	12,001	.....	.....
Financing:			
21.49 Unobligated balance available, start of year: Contract authority.....	-40,659	-28,658	-28,658
24.49 Unobligated balance available, end of year: Contract authority.....	28,658	28,658	28,658
Budget authority.....			
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	12,001	.....	.....
Obligated balance, start of year:			
72.49 Contract authority.....	24,341	36,342	36,342
72.98 Fund balance.....	73,582	74,023	74,023
Obligated balance, end of year:			
74.49 Contract authority.....	-36,342	-36,342	-36,342
74.98 Fund balance.....	-74,023	-74,023	-74,023
90.00 Outlays.....	-441	.....	.....

Status of Direct Loans (in thousands of dollars)

Cumulative balance of direct loans outstanding:			
2100 Outstanding, start of year.....	161,418	160,977	160,977
2400 Repayments, prepayments, loan sales.....	-441	.....	.....
2900 Outstanding, end of year.....	160,977	160,977	160,977

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	65,000	65,000	65,000
Unfunded balance, end of year.....	65,000	65,000	65,000

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.

The initial legislation for this program required the States to construct the highway and reimburse the revolving fund within seven 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 1981, obligations will be made to the extent of States' reimbursements to the revolving fund.

Revenue and Expenses (in thousands of dollars)			
	1979 actual	1980 est.	1981 est.
Advances for acquisition of right-of-way program:			
Expense.....	-441		
Net operating loss.....	-441		

Financial Condition (in thousands of dollars)				
	1978 actual	1979 actual	1980 est.	1981 est.
Assets:				
Drawing account with Treasury:				
Advances (loans).....	161,418	160,977	160,977	160,977
Due from Highway trust fund....	73,582	74,023	74,023	74,023
Total assets.....	235,000	235,000	235,000	235,000
Government equity:				
Non-interest-bearing capital:				
Undisbursed loan obligations.....	97,923	110,365	110,365	110,365
Unobligated balance.....	40,659	28,658	28,658	28,658
Contract authority.....	-65,000	-65,000	-65,000	-65,000
Invested capital.....	161,418	160,977	160,977	160,977
Total Government equity....	235,000	235,000	235,000	235,000

Analysis of changes in Government equity:				
Non-interest-bearing capital:				
	1978 actual	1979 actual	1980 est.	1981 est.
Start of year.....		235,000	235,000	235,000
Appropriation.....				
Total Government equity, end of year.....		235,000	235,000	235,000

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

The programs administered by the National Highway Traffic Safety Administration (NHTSA) 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):

	1979 actual	1980 estimate	1981 estimate
Budget authority:			
Operations and research appropriation:			
Traffic and motor vehicle safety programs.....	43,432	45,375	52,302
Highway safety research and development.....	26,059	26,323	29,125
Automotive fuel economy and consumer information.....	12,389	12,530	12,626
State and community highway safety:			
Appropriation.....	1,715	22,297	61,593
Contract authority.....	175,785	175,203	199,907
Total budget authority.....	259,380	281,728	355,553
Program level:			
Highway safety grant program.....	172,000	197,500	209,405
Operations and research.....	79,318	91,618	94,053
Gifts and donations.....		6	
Total program level.....	251,318	289,124	303,458
Outlays:			
Operations and research appropriation:			
Traffic and motor vehicle safety programs.....	39,119	44,475	47,920
Highway safety research and development.....	27,400	22,410	24,504
Automotive fuel economy and consumer information.....	11,160	12,295	12,000
Gifts and donations.....		6	
Subtotal outlays.....	77,679	79,186	84,424

State and community highway safety appropriation.....	168,849	172,000	193,455
Total outlays.....	246,528	251,186	277,879

Federal Funds

General and special funds:

OPERATIONS AND RESEARCH

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), [\$83,228,000] \$94,053,000, of which [\$25,913,000] \$29,125,000 shall be derived from the Highway Trust Fund: Provided, That not to exceed [\$36,889,000] \$44,991,000 shall remain available until expended, of which [\$9,139,500] \$12,373,000 shall be derived from the Highway Trust Fund. (80 Stat. 416; 86 Stat. 947; 88 Stat. 1470; 89 Stat. 901; 90 Stat. 815; 90 Stat. 981; 92 Stat. 2727; Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed for \$54,561,000.)

Program and Financing (in thousands of dollars)

Identification code 69-0650-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Rulemaking programs.....	4,200	4,619	4,941
2. Enforcement programs.....	6,281	6,784	7,246
3. Highway safety programs.....	16,722	18,295	19,480
4. Research and analysis.....	41,844	45,058	48,702
5. General administration.....	10,656	11,725	12,549
Total program costs, funded.....	79,703	86,481	92,918
Change in selected resources (undelivered orders).....	5,810	12,438	10,336
10.00 Total obligations.....	85,513	98,919	103,254
Financing:			
Offsetting collections from:			
11.00 Federal funds.....	-741	-600	-700
13.00 Trust funds.....	-30,617	-33,185	-36,926
14.00 Non-Federal funds.....	-550	-600	-700
17.00 Recovery of prior year obligations.....	-30		
21.40 Unobligated balance available, start of year.....	-4,795	-6,660	-30
24.40 Unobligated balance available, end of year.....	6,660	30	30
25.00 Unobligated balance lapsing.....	382		
Budget authority.....	55,821	57,905	64,928
Budget authority:			
40.00 Appropriation.....	55,961	57,315	64,928
41.00 Transferred to other accounts.....	-140	-200	
43.00 Appropriation (adjusted).....	55,821	57,115	64,928
44.20 Supplemental for civilian pay raises.....		790	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	53,575	64,534	64,928
72.40 Obligated balance, start of year.....	24,167	26,490	34,254
74.40 Obligated balance, end of year.....	-26,490	-34,254	-39,262
77.00 Adjustments in expired accounts.....	-972		
90.00 Outlays, excluding pay raise supplemental.....	50,279	56,000	59,900
91.20 Outlays from civilian pay raise supplemental.....		770	20

1. **Rulemaking programs.**—Covers rulemaking activity relative to the promulgation of Federal motor vehicle safety standards for new and used motor vehicles, tires, and equipment; automotive fuel economy standards required by the Energy Policy and Conservation Act; and programs requiring economic bumpers withstanding low-speed collisions, automobile ratings, diagnostic inspection, and odometer regulation.

General and special funds—Continued

OPERATIONS AND RESEARCH—Continued

2. *Enforcement programs.*—Provides for the enforcement of programs described under the rulemaking activity, including manufacturer compliance with motor vehicle safety and automotive fuel economy standards, investigation of safety related motor vehicle defects, and surveillance of odometer tampering.

3. *Highway safety programs.*—This activity provides for headquarters and field staff to assist the States in the conduct of their highway safety programs through program guidance, technical assistance and evaluation. Demonstration projects are conducted to show effectiveness of new techniques in operational environments and attain widespread acceptance and adoption of these new techniques and countermeasures. Training courses and materials are developed for use in the States.

4. *Research and analysis.*—This activity provides for research and development in support of all NHTSA programs, including the collection and analysis of data to determine the relationship between motor vehicle and driver performance characteristics and crashes causing death or personal injury. Provision is also made for facilities required to furnish scientific and technical bases for motor vehicle standards, and to do limited compliance testing and defects investigation. The 1981 budget includes funds to continue the development of a national accident data collection program to improve problem identification, rulemaking support, and program evaluation activities.

5. *General administration.*—This activity provides for overall executive direction, coordination, and implementation of agency programs, except for mission-oriented support activities which are included in the respective program areas. Basic administrative and support requirements for all safety programs are also provided in this category.

Object Classification (in thousands of dollars)

Identification code	69-0650-0-1-401	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	22,936	25,151	25,342
11.3	Positions other than permanent.....	1,020	1,020	1,020
11.5	Other personnel compensation.....	218	449	449
	Total personnel compensation.....	24,174	26,700	26,891
12.1	Personnel benefits: Civilian.....	2,128	2,226	2,242
21.0	Travel and transportation of persons.....	988	938	1,020
22.0	Transportation of things.....	179	184	200
23.1	Standard level user charges.....	1,822	2,231	2,400
23.2	Communications, utilities, and other rent....	1,359	1,100	1,100
24.0	Printing and reproduction.....	1,088	1,100	1,100
25.0	Other services.....	51,864	62,170	66,031
26.0	Supplies and materials.....	566	1,200	1,200
31.0	Equipment.....	1,345	1,150	1,150
99.0	Total obligations.....	85,513	98,919	103,254

Personnel Summary

Total number of permanent positions.....	874	874	874
Total compensable workyears.....	895	910	910
Full-time equivalent of other positions.....	(80)	(80)	(80)
Full-time equivalent of overtime and holiday hours.....	(11)	(10)	(10)
Average ES salary.....	\$46,684	\$49,419	\$49,419
Average GS grade.....	11.00	11.00	11.00

Average GS salary.....	\$27,174	\$31,055	\$31,736
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STATE AND COMMUNITY HIGHWAY SAFETY (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of 23 U.S.C. 402 and 406, to remain available until expended, **[\$171,000,000]** \$163,800,000 to be derived from the Highway Trust Fund, and for necessary expenses in carrying out the provisions of 23 U.S.C. 402 and 406, **[\$2,297,000]** \$2,593,000, to remain available until expended; for necessary expenses in carrying out section 154 of title 23, United States Code, \$57,000,000, to be derived from the Highway Trust Fund, of which \$7,000,000 shall be for subsection (i); and, in addition, \$2,000,000, to be derived from the Highway Trust Fund, for necessary expenses in carrying out section 407. (80 Stat. 731; 92 Stat. 2727, 2728; Department of Transportation and Related Agencies Appropriation Act, 1980.)

Note.—Included below is \$20,000,000 for 1980 that was appropriated under the heading "Surface Transportation, Energy and Safety." The language for this appropriation appears at the end of the Department of Transportation chapter.

Program and Financing (in thousands of dollars)

Identification code	69-0651-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
State and community grants:				
	1. Entitlement grant programs.....	135,184	171,199	142,604
	2. National maximum speed limit.....	28,761	20,000	57,000
	3. Innovative grants program.....			2,000
	4. Grant administration.....	4,904	6,301	7,801
	Total program costs, funded.....	168,849	197,500	209,405
	Change in selected resources (undelivered orders).....	3,151		
10.00	Total obligations.....	172,000	197,500	209,405
Financing:				
13.00	Offsetting collections from: Trust funds.....	—170,285	—195,212	—207,495
21.40	Unobligated balance available, start of year.....	—468		—9
24.40	Unobligated balance available, end of year..		9	692
25.00	Unobligated balance lapsing.....	468		
40.00	Budget authority (appropriation).....	1,715	2,297	2,593
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	1,715	2,288	1,910
72.10	Receivables in excess of obligations, start of year.....		—578	
72.40	Obligated balance, start of year.....	557		210
74.10	Receivables in excess of obligations, end of year.....	578		
74.40	Obligated balance, end of year.....		—210	—620
90.00	Outlays.....	2,849	1,500	1,500

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 and in enforcement of the national maximum speed limit. A total program of \$209.4 million is planned in 1981, compared to \$197.5 million for 1980.

1. *Entitlement grant programs.*—Allocation of grants is determined on the basis of statutory formula pursuant to authorizations for highway safety programs and school bus driver training. Highway safety programs include driver licensing, motor vehicle registration, driver education, and police traffic services. 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. Activities are centered largely in efforts that will control the drinking driver; increase the intensity of traffic law enforcement; improve the

DEPARTMENT OF TRANSPORTATION

quality and availability of emergency medical services; and improve program management. Total obligations for all encompassed activities are estimated at \$142.6 million for 1981.

2. *National maximum speed limit.*—Federal grants are authorized to assist the States in meeting statutory criteria for enforcement of the National 55 mile-per-hour speed limit. Under the program, States are eligible for: basic grant entitlement for activities related to fostering compliance with the speed limit, and for incentive grants for exceeding minimum compliance levels established for fiscal years 1979 through 1983. Funds are allocated in relationship to the statutory formula prescribed for highway safety grants. A program of \$57 million is proposed for 1981.

3. *Innovative grants.*—Federal grants are also authorized to be awarded to States which identify and demonstrate the feasibility of innovative solutions to highway safety problems. Funds of \$2 million are proposed to initiate this program in 1981.

4. *Grant administration.*—Funds of \$7.8 million are required to cover the expenses of administering Federal grant activity in 1981.

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-0651-0-1-401			
25.0 Other services	4,904	6,301	7,801
41.0 Grants, subsidies, and contributions	167,096	191,199	201,604
99.0 Total obligations	172,000	197,500	209,405

Trust Funds

TRUST FUND SHARE OF HIGHWAY SAFETY PROGRAMS

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-8016-0-7-401			
Program by activities:			
1. State and community grants	166,000	195,212	207,495
2. Highway safety research and development	27,400	26,884	29,125
Total program costs, funded	193,400	222,096	236,620
Change in selected resources (undelivered orders)	2,628		
10.00 Total obligations (object class 25.0)	196,028	222,096	236,620
Financing:			
Unobligated balance available, start of year:			
21.40 Appropriation	—447	—561	
21.49 Contract authority	—139,653	—145,153	—145,144
Unobligated balance available, end of year:			
24.40 Appropriation	561		
24.49 Contract authority	145,153	145,144	196,556
25.00 Unobligated balance lapsing	202		
Budget authority	201,844	221,526	288,032
Budget authority:			
Current:			
40.00 Appropriation	192,059	216,913	251,925
40.49 Portion applied to liquidate contract authority	—166,000	—171,000	—163,800
43.00 Appropriation (adjusted)	26,059	45,913	88,125
44.20 Supplemental for civilian pay raises		410	
49.10 Contract authority (92 Stat. 2727, 2728)	175,785		

Permanent:			
69.10	Contract authority (92 Stat. 2727, 2728)	175,203	199,907
Relation of obligations to outlays:			
71.00	Obligations incurred, net	196,028	222,096
	Obligated balance, start of year:		
72.40	Appropriation	25,594	23,937
72.49	Contract authority	184,486	188,771
	Obligated balance, end of year:		
74.40	Appropriation	—23,937	—48,911
74.49	Contract authority	—188,771	—192,983
90.00	Outlays, excluding pay raise supplemental	193,400	192,500
91.20	Outlays from civilian pay raise supplemental		410

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year	324,139	333,924	338,127
Contract authority	175,785	175,203	199,907
Unfunded balance lapsing			
Appropriation to liquidate contract authority	—166,000	—171,000	—163,800
Unfunded balance, end of year	333,924	338,127	374,234

Funds are transferred to the Operations and research 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	1979 actual	1980 est.	1981 est.
69-8548-0-7-401			
Program by activities:			
10.00	Automotive safety education fund (costs—obligations) (object class 25.0)		6
Financing:			
21.40	Unobligated balance available, start of year	—6	—6
24.40	Unobligated balance available, end of year	6	
Budget authority			
Relation of obligations to outlays:			
71.00	Obligations incurred, net		6
90.00	Outlays		6

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 are in the budget schedules:

Program level	1979	1980	1981
Office of the Administrator	8	8	8
Railroad safety	26	29	30
Railroad research and development	56	61	58
Rail service assistance:			
Current program	96	117	104
Rail restructuring assistance (proposed legislation)			250
Loan guarantee commitments	80	159	133
Rail labor assistance		68	8
Northeast corridor improvement	449	462	465
Railroad rehabilitation and improvement:			
Purchase of redeemable preference shares	68	202	

General and special funds—Continued

GIFTS AND DONATIONS—Continued

Program level	1979	1980	1981
Loan guarantee commitments.....	33	350	270
Alaska railroad.....	10	7	12
Subtotal, FRA.....	826	1,463	1,338
National Railroad Passenger Corp. (Amtrak) grants.....	779	873	975
Loan guarantee commitments.....	46	85	7
Total program.....	1,651	2,421	2,320

Federal Funds

General and special funds:

OFFICE OF THE ADMINISTRATOR

For necessary expenses of the Federal Railroad Administration, not otherwise provided for, **[\$7,523,000] \$3,207,000 (Department of Transportation and Related Agencies Appropriation Act, 1980.)**

Program and Financing (in thousands of dollars)

Identification code 69-0700-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Executive direction.....	5,029	4,184	4,305
2. Administration.....	3,341	3,807	3,902
10.00 Total program costs, funded—obligations.....	8,370	7,991	8,207
Financing:			
25.00 Unobligated balance lapsing.....	161		
Budget authority.....	8,530	7,991	8,207
Budget authority:			
40.00 Appropriation.....	8,580	7,523	8,207
41.00 Transferred to other accounts.....	—50		
43.00 Appropriation (adjusted).....	8,530	7,523	8,207
44.20 Supplemental for civilian pay raises.....		468	
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	8,370	7,991	8,207
72.40 Obligated balance, start of year.....	1,252	1,054	1,125
74.40 Obligated balance, end of year.....	—1,054	—1,125	—834
77.00 Adjustments in expired accounts.....	—36		
90.00 Outlays, excluding pay raise supplemental.....	8,532	7,468	8,482
91.20 Outlays from civilian pay raise supplemental.....		452	16

1. *Executive direction.*—Provides for salaries and related expenses of the Offices of the Administrator, Chief Counsel, Planning and Budget, Civil Rights, and Public Affairs. In addition to dealing with critical policy issues concerning the railroad industry, the executive direction program is also involved in maintaining communications with the general public; developing a work force that includes minority groups and women at all levels; insuring that FRA programs receive legal counsel; and that programs are carried out in a manner consistent with predetermined objectives and budgetary goals.

In 1981 increased effort will be placed on rail restructuring and deregulation matters.

2. *Administration.*—Provides for salaries and related expenses associated with day-to-day operations of the Federal Railroad Administration. The Office of Administration includes the Offices of Personnel and Training, Management Systems, Procurement, and Financial Services.

Additional effort will be devoted in 1981 to improving FRA recruiting and maintaining the Safety Inspector register.

Object Classification (in thousands of dollars)

Identification code 69-0700-0-1-401	1979 actual	1980 est.	1981 est.
Personnel compensation:			
11.1 Permanent positions.....	4,707	5,077	5,121
11.3 Positions other than permanent.....	484	370	370
11.5 Other personnel compensation.....	82	85	86
11.8 Special personnel service payments.....	1		
Total personnel compensation.....	5,274	5,532	5,577
12.1 Personnel benefits: Civilian.....	478	494	498
21.0 Travel and transportation of persons.....	185	202	210
22.0 Transportation of things.....	10	10	19
23.1 Standard level user charges.....	366	377	400
23.2 Communications, utilities, and other rent.....	389	300	308
24.0 Printing and reproduction.....	69	90	91
25.0 Other services.....	1,458	851	967
26.0 Supplies and materials.....	66	60	61
31.0 Equipment.....	75	75	76
99.0 Total obligations.....	8,370	7,991	8,207

Personnel Summary

Total number of permanent positions.....	197	190	193
Total compensable workyears.....	228	206	206
Full-time equivalent of other positions.....	(31)	(24)	(24)
Full-time equivalent of overtime and holiday hours.....	(4)	(4)	(4)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	10.85	10.90	10.86
Average GS salary.....	\$24,676	\$26,551	\$26,442
Average salary of ungraded positions.....	\$15,454	\$15,454	\$15,454

RAILROAD SAFETY

For necessary expenses in connection with railroad safety, not otherwise provided for, **[\$28,000,000] \$27,921,000, of which [\$9,100,000] \$7,850,000 shall remain available until expended. (Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation to be proposed.)**

Program and Financing (in thousands of dollars)

Identification code 69-0702-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
1. Federal enforcement.....	13,411	15,349	15,751
2. Automated track inspection program.....	6,926	5,935	5,850
3. Safety regulation and program administration.....	4,031	4,283	4,320
4. Grants-in-aid for railroad safety.....	1,491	3,500	3,748
Total direct program costs.....	25,859	29,067	29,669
Reimbursable program:			
1. Safety regulation and program administration.....	75		
10.00 Total program costs, funded—obligations.....	25,935	29,067	29,669
Financing:			
11.00 Offsetting collections from: Federal funds.....	—75		
17.00 Recovery of prior year obligations.....	—190		
21.40 Unobligated balance available, start of year.....	—4,070	—2,083	—1,748
24.40 Unobligated balance available, end of year.....	2,083	1,748	
25.00 Unobligated balance lapsing.....	449		
Budget authority.....	24,131	28,732	27,921
Budget authority:			
40.00 Appropriation.....	24,155	28,000	27,921

DEPARTMENT OF TRANSPORTATION

41.00	Transferred to other accounts	-24		
43.00	Appropriation (adjusted)	24,131	28,000	27,921
44.20	Supplemental for civilian pay raises		732	
Relation of obligations to outlays:				
71.00	Obligations incurred, net	25,669	29,067	29,669
72.40	Obligated balance, start of year	9,044	8,943	14,340
74.40	Obligated balance, end of year	-8,943	-14,340	-15,072
77.00	Adjustments in expired accounts	-312		
90.00	Outlays, excluding pay raise supplemental	25,458	22,963	28,912
91.20	Outlays from civilian pay raise supplemental		707	25

41.0	Grants, subsidies, and contributions	1,491	3,500	3,748
	Total direct obligations	25,859	29,067	29,669
Reimbursable obligations:				
25.0	Other services	75		
99.0	Total obligations	25,935	29,067	29,669

Personnel Summary

Total number of permanent positions	474	484	484
Total compensable workyears	411	478	482
Full-time equivalent of other positions	(11)	(14)	(14)
Full-time equivalent of overtime and holiday hours	(3)	(5)	(5)
Average ES salary	\$47,500	\$50,112	\$50,112
Average GS grade	11.14	11.14	11.14
Average GS salary	\$24,993	\$26,629	\$26,629

1. *Federal enforcement.*—Provides for salaries and related expenses of safety field operations which are designed to motivate the railroads to comply with Federal safety laws and regulations to reduce the number of railroad related accidents/incidents. Monitoring of the railroads is accomplished through the use of Federal inspectors. Budgeted positions have increased from 399 in 1979 to 409 in 1980 and 1981. The level of effort in this program for 1981 will remain about the same as in 1980, while a study of total railroad system safety is conducted.

2. *Automated track inspection program.*—Enhances the Federal enforcement effort by providing inspection of track and associated components through the use of automated track inspection vehicles. In 1980 and 1981 these vehicles will monitor track geometry and rail flaws on about 76,000 miles of track each year, up from 70,000 miles in 1979.

3. *Safety regulation and program administration.*—Includes salaries and related expenses of safety headquarters personnel together with data gathering and dissemination, planning and evaluation activities and administration of grants-in-aid. The ongoing responsibility of this program is to develop and subsequently issue new or revised standards, procedures, and regulations as necessary to provide a safer railroad operating and working environment.

4. *Grants-in-aid for railroad safety.*—Assists States in paying salaries and expenses incurred for State safety inspectors authorized under section 206 of the Railroad Safety Act of 1970. The 1980 and 1981 programs will each support approximately 180 State inspectors, up from 88 in 1979, to aid the Federal Railroad Administration in enforcement of Federal safety standards.

Object Classification (in thousands of dollars)

Identification code	69-0702-0-1-401	1979 actual	1980 est.	1981 est.
Direct obligations:				
Personnel compensation:				
11.1	Permanent positions	10,028	12,551	12,645
11.3	Positions other than permanent	190	250	250
11.5	Other personnel compensation	67	90	92
	Total personnel compensation	10,285	12,891	12,987
12.1	Personnel benefits: Civilian	1,007	1,276	1,285
21.0	Travel and transportation of persons	1,647	1,863	1,900
22.0	Transportation of things	10	92	50
23.1	Standard level user charges	767	823	851
23.2	Communications, utilities, and other rent	1,086	1,700	1,715
24.0	Printing and reproduction	307	100	105
25.0	Other services	9,096	6,682	6,878
26.0	Supplies and materials	71	50	55
31.0	Equipment	92	90	95

RAILROAD RESEARCH AND DEVELOPMENT

For necessary expenses for railroad research and development, **[\$54,750,000] \$57,738,000** 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. (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)

Identification code	69-0745-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
Direct program:				
1. Track, equipment and personnel safety				
		28,951	28,152	28,748
2. Railroad operational improvements				
		4,628	4,111	3,925
3. Improved passenger systems				
		3,856	8,325	4,369
4. Transportation test center				
		12,025	12,311	11,777
5. Policy support				
		8,212	9,223	8,919
	Total direct program	57,672	62,122	57,738
Reimbursable program:				
1. Track, equipment and personnel safety				
			300	300
2. Railroad operational improvements				
		25	160	160
3. Improved passenger systems				
			150	150
4. Transportation test center				
		2,069	2,500	2,500
5. Policy support				
		120	150	150
	Total reimbursable program	2,213	3,260	3,260
10.00	Total program costs, funded—obligations	59,885	65,382	60,998
Financing:				
Offsetting collections from:				
11.00	Federal funds	-1,752	-2,760	-2,760
14.00	Non-Federal sources	-461	-500	-500
17.00	Recovery of prior year obligations	-1,549	-1,200	
21.40	Unobligated balance available, start of year	-10,316	-6,172	
24.40	Unobligated balance available, end of year	6,172		
40.00	Budget authority (appropriation) ..	51,980	54,750	57,738
Relation of obligations to outlays:				
71.00	Obligations incurred, net	56,124	60,922	57,738
72.40	Obligated balance, start of year	42,968	41,081	52,003
74.40	Obligated balance, end of year	-41,081	-52,003	-59,341
77.00	Adjustments in expired accounts	-14		
90.00	Outlays	57,996	50,000	50,400

1. *Track, equipment and personnel safety.*—The objective of this program is to plan and conduct research that will ultimately improve the safety of train operations and related activities.

2. *Railroad operational improvements.*—This program is utilized to identify and evaluate improvements in the

General and special funds—Continued

RAILROAD RESEARCH AND DEVELOPMENT—Continued

area of freight operations. Specific areas addressed include service reliability, fuel efficiencies, labor/management relations, and classification yard problems.

3. *Improved passenger systems.*—Functions of this program include evaluation of train technology; development of performance requirements for intercity passenger equipment and components; updating and advancement of technology for wayside electrification and vehicle traction; and conducting of limited studies of advanced, nonconventional systems in high pay-off areas.

4. *Transportation test center.*—This is a research and development facility, located at Pueblo, Colo. The center is operated in support of the Department of Transportation and other government agencies and is available to elements of private industry on a reimbursable basis.

5. *Policy support.*—This office is responsible for development of policies that assist railroads, labor and shippers in identifying and overcoming various problems.

Object Classification (in thousands of dollars)

Identification code 69-0745-0-1-401	1979 actual	1980 est.	1981 est.
FEDERAL RAILROAD ADMINISTRATION			
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	4,441	5,229	5,338
11.3 Positions other than permanent.....	239	360	360
11.5 Other personnel compensation.....	19	40	40
Total personnel compensation.....	4,699	5,629	5,738
12.1 Personnel benefits: Civilian.....	465	561	603
21.0 Travel and transportation of persons.....	286	368	375
22.0 Transportation of things.....	39	70	75
23.1 Standard level user charges.....	298	333	355
23.2 Communications, utilities, and other rent....	238	255	260
24.0 Printing and reproduction.....	105	130	135
25.0 Other services.....	48,299	50,309	48,800
26.0 Supplies and materials.....	15	30	30
31.0 Equipment.....	1,869	1,040	950
41.0 Grants, subsidies, and contributions.....		2,987	
Total direct obligations.....	56,313	61,712	57,321
Reimbursable obligations:			
25.0 Other services.....	2,213	3,260	3,260
Total obligations, Federal Railroad Administration.....	58,526	64,972	60,581
ALLOCATION ACCOUNTS			
Personnel compensation:			
11.1 Permanent positions.....	156	134	149
11.3 Positions other than permanent.....	30	12	13
11.5 Other personnel compensation.....	10	4	4
Total personnel compensation.....	196	150	166
12.1 Personnel benefits: Civilian.....	12	15	17
21.0 Travel and transportation of persons.....	42	22	23
22.0 Transportation of things.....	12	5	6
23.2 Communications, utilities, and other rent....	30	22	23
24.0 Printing and reproduction.....	12	1	1
25.0 Other services.....	547	195	181
32.0 Lands and structures.....	509		
Total obligations, allocation accounts.....	1,360	410	417
99.0 Total obligations.....	59,885	65,382	60,998
Obligations are distributed as follows:			
Federal Railroad Administration.....	58,526	64,972	60,581

Federal Highway Administration.....	1,060	410	417
Office of the Secretary of Transportation.....	300		

Personnel Summary

FEDERAL RAILROAD ADMINISTRATION			
Total number of permanent positions.....	170	174	179
Total compensable workyears.....	162	191	193
Full-time equivalent of other positions.....	(18)	(27)	(27)
Full-time equivalent of overtime and holiday hours.....	(1)	(2)	(2)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	11.70	11.64	11.70
Average GS salary.....	\$28,304	\$29,939	\$30,016
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION			
Total number of permanent positions.....	12	8	8
Total compensable workyears.....	13	9	9
Full-time equivalent of other positions.....	(3)	(1)	(1)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average GS grade.....	11.94	12.13	12.13
Average GS salary.....	\$29,249	\$31,836	\$31,836

RAIL SERVICE ASSISTANCE

For necessary expenses for rail service assistance authorized by section 5 of the Department of Transportation Act, as amended, and for necessary administrative expenses in connection with Federal rail assistance programs not otherwise provided for, **[\$87,798,000]** \$94,506,000, together with **[\$9,400,000]** \$9,440,000 for the Minority Business Resource Center, as authorized by title IX of Public Law 94-210, to remain available until expended. *During 1981 and within the resources and authority available, gross obligations for the principal amount of direct loans shall not exceed \$3,000,000. During 1981, total commitments to guarantee new loans under the Emergency Rail Services Act of 1970 shall not exceed \$4,000,000 of contingent liability for loan principal. (87 Stat. 985; 84 Stat. 1975-78; Public Law 96-101; Department of Transportation and Related Agencies Appropriation Act, 1980.)*

Program and Financing (in thousands of dollars)

Identification code 69-0122-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Rail line subsidies.....	77,199	90,508	85,000
2. Washington Union Station model intermodal terminal.....		480	
3. Minority Business Resource Center.....	10,228	17,099	9,440
4. Other administration and special projects.....	8,507	8,465	9,506
10.00 Total program costs, funded—obligations.....	95,933	116,553	103,946
Financing:			
21.40 Unobligated balance available, start of year.....	—33,484	—20,974	
24.40 Unobligated balance available, end of year..	20,974		
Budget authority.....	83,423	95,579	103,946
Budget authority:			
40.00 Appropriation.....	84,370	97,198	103,946
41.00 Transferred to other accounts.....	—947	—1,619	
43.00 Appropriation (adjusted).....	83,423	95,579	103,946
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	95,933	116,553	103,946
72.40 Obligated balance, start of year.....	115,557	143,391	159,944
74.40 Obligated balance, end of year.....	—143,391	—159,944	—178,436
77.00 Adjustments.....	—2,727		
90.00 Outlays.....	65,373	100,000	85,455

Status of Direct Loans (in thousands of dollars)

Position with respect to limitation on direct loans:				
Limitation on obligations:				
1110	Appropriation.....			3,000
1120	Legislative program items.....			250,000
1200	Obligations incurred, gross.....	-5,000	-10,400	-253,000
Cumulative balance of direct loans outstanding:				
2100	Outstanding, start of year.....		4,200	7,700
2200	Disbursements.....	4,200	3,500	45,000
2900	Outstanding, end of year.....	4,200	7,700	52,700

Status of Loan Guarantees (in thousands of dollars)

Position with respect to limitation on loan guarantees:				
Limitation on commitments: Appropriation ..				
3100	Limitation on commitments: Appropriation ..			40,000
3200	Commitments, gross.....	-80,206	-159,025	-133,011
Cumulative balance of guarantees outstanding:				
4100	Outstanding, start of year.....	452,257	537,136	679,161
4200	New loan guarantees.....	110,375	164,029	133,011
4400	Repayments of prepayments.....	-25,496	-22,000	-22,000
4900	Outstanding, end of year.....	537,136	679,161	790,172

* Does not include a limitation on U.S. Railway Association loan guarantees.

The State rail assistance program is designed to provide financing assistance to States for rail planning and for: (1) rail service continuation payments; (2) the cost of purchasing a line of railroad or other rail properties for future rail service; (3) rehabilitating rail properties, and (4) providing substitute or alternate mode service in a manner less expensive than continuing rail service.

A Minority Business Resource Center is operated 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 other administration and special projects program provides for the necessary salaries and related expenses of the Federal Railroad Administration in support of Federal assistance programs, in this account as well as in the Railroad rehabilitation and improvement financing account, grants to the National Railroad Passenger Corp. and the labor/management initiatives funded under railroad research and development.

In 1981, this program will place increased emphasis on track rehabilitation in preference to subsidies in response to the Local Rail Assistance Act of 1978, and will apply increased administrative resources toward resolution of urban railroad conflicts.

The limitation proposed on loan guarantees applies to those loans guaranteed by the Secretary of Transportation pursuant to the Emergency Rail Services Act of 1970. These funds are provided to railroads undergoing reorganization.

Object Classification (in thousands of dollars)

Identification code 69-0122-0-1-401				
		1979 actual	1980 est.	1981 est.
FEDERAL RAILROAD ADMINISTRATION				
Personnel compensation:				
11.1	Permanent positions.....	2,221	2,698	2,811
11.3	Positions other than permanent.....	137	230	245

11.5	Other personnel compensation.....	15	25	30
	Total personnel compensation.....	2,373	2,953	3,086
12.1	Personnel benefits: Civilian.....	207	277	289
21.0	Travel and transportation of persons.....	168	124	137
22.0	Transportation of things.....	5	26	30
23.1	Standard level user charges.....	160	183	203
23.2	Communications, utilities, and other rent....	156	150	160
24.0	Printing and reproduction.....	69	45	47
25.0	Other services.....	8,638	11,790	11,937
26.0	Supplies and materials.....	33	20	21
31.0	Equipment.....	12	27	36
33.0	Investments and loans.....	5,000	10,400	3,000
41.0	Grants, subsidies, and contributions.....	78,911	90,558	85,000
	Total obligations, Federal Railroad Administration.....	95,732	116,553	103,946

ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION

11.1	Personnel compensation: Permanent positions.....	134		
12.1	Personnel benefits: Civilian.....	23		
21.0	Travel and transportation of persons.....	6		
22.0	Transportation of things.....	2		
25.0	Other services.....	37		
	Total obligations, allocation to Federal Highway Administration.....	202		
99.0	Total obligations.....	95,933	116,553	103,946

Personnel Summary

FEDERAL RAILROAD ADMINISTRATION

Total number of permanent positions.....	89	99	105
Total compensable workyears.....	81	103	108
Full-time equivalent of other positions.....	(11)	(18)	(19)
Full-time equivalent of overtime and holiday hours.....	(1)	(2)	(2)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	12.24	12.21	12.17
Average GS salary.....	\$29,865	\$31,020	\$30,848

ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION

Total number of permanent positions.....	15		
Total compensable workyears.....	15		
Full-time equivalent of other positions.....	(0)		
Full-time equivalent of overtime and holiday hours.....	(0)		
Average GS grade.....	11.94		
Average GS salary.....	\$29,249		

FEDERAL RAILROAD ADMINISTRATION

Total number of permanent positions.....	89	99	105
Total compensable workyears.....	79	95	100
Full-time equivalent of other positions.....	(9)	(10)	(11)
Full-time equivalent of overtime and holiday hours.....	(1)	(2)	(2)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	12.24	12.21	12.17
Average GS salary.....	\$29,865	\$31,020	\$30,848

ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION

Total number of permanent positions.....	15		
Total compensable workyears.....	16		
Full-time equivalent of other positions.....	(0)		
Full-time equivalent of overtime and holiday hours.....	(0)		
Average GS grade.....	11.94		
Average GS salary.....	\$29,249		

General and special funds—Continued

RAIL SERVICE ASSISTANCE

(Proposed for later transmittal, proposed legislation)

Program and Financing (in thousands of dollars)

Identification code	69-0122-2-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
10.00	Railroad restructuring assistance (costs—obligations) (object class 33.0)			250,000
Financing:				
40.00	Budget authority			250,000
Relation of obligations to outlays:				
71.00	Obligation incurred, net			250,000
74.40	Obligated balance, end of year			—210,000
90.00	Outlays			40,000

A new rail restructuring assistance program has been proposed by the Administration to combine various forms of current assistance and to provide DOT with the flexibility to achieve desired rail restructuring. The mechanism for assistance will be repayable credits. The program should meet the following objectives: (1) enhance the ability of railroads to eliminate redundancy in the rail system by promoting acquisitions, consolidations, coordinations, and/or mergers; (2) assist in facility rehabilitation and improvement on major interstate lines and promote efficient rail competition in major market areas where economically justified; and (3) provide labor protection for workers displaced by restructuring projects and promote labor productivity by providing loans to cover the costs of changes in work rules and operating practices. The Administration proposes total authorizations of \$1,475 million, of which \$250 million is requested to be appropriated in 1981.

RAIL LABOR ASSISTANCE*

* See Part III for additional information.

For payment of benefits under section 509 of the Regional Rail Reorganization Act of 1973, as amended, \$7,500,000, to remain available until expended. (87 stat. 985, Regional Rail Reorganization Act of 1973; additional authorizing legislation to be proposed.)

Program and Financing (in thousands of dollars)

Identification code	69-0707-0-1-603	1979 actual	1980 est.	1981 est.
Program by activities:				
10.00	Payment of benefits—Conrail (costs—obligations) (object class 41.0)			7,500
Financing:				
40.00	Budget authority (appropriation)			7,500
Relation of obligations to outlays:				
71.00	Obligations incurred, net			7,500
90.00	Outlays			7,500

Note.—1981 estimate is for activities previously financed from Regional Rail Transportation Protective Account of the Railroad Retirement Board, which will continue to administer payment of benefits.

The Regional Rail Reorganization Act of 1973 provides for unemployment and supplementary pay benefits for protected employees adversely affected by establishment of Conrail in 1976. Amounts authorized and appropriated under the 1973 Act will be paid out in benefits before the end of 1980 (\$250 million). The proposed supplemental request contained in Part III of this

Appendix, together with the 1981 request, will continue to provide benefits for displaced employees, consistent with reauthorization legislation to be proposed to Congress. The reauthorization legislation will rectify some of the problems identified by the Comptroller General in his December 5, 1979, report to the Congress entitled "Employee Protection Provisions of the Rail Act Need Change."

NORTHEAST CORRIDOR IMPROVEMENT PROGRAM

For necessary expenses related to Northeast Corridor improvements authorized by title VII of Public Law 94-210, as amended, and title I of Public Law 95-599, [[\$381,000,000] \$400,000,000, to remain available until expended: *Provided*, That, notwithstanding any other provisions of law, the provisions of Public Law 95-804 shall apply to the Northeast Corridor Improvement Program: *Provided further*, That, the Secretary may waive the provisions of 28 U.S.C. 322 (c) and (d) if he determines such action would serve a public purpose. (87 Stat. 985; Department of Transportation and Related Agencies Appropriations Act, 1980; additional authorizing legislation to be proposed for \$105,000,000.)

Program and Financing (in thousands of dollars)

Identification code	69-0123-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:				
1.	Construction	400,893	366,412	410,700
(a)	Boston-New Haven	(147,385)	(140,982)	(129,500)
(b)	New Haven-New York	(118,219)	(26,346)	(16,600)
(c)	New York-Philadelphia	(10,704)	(76,423)	(132,800)
(d)	Philadelphia-Washington	(124,585)	(122,661)	(131,800)
2.	System engineering/program management and administration	44,734	51,808	39,300
3.	Public grade crossing elimination	6,904	44,096	15,000
10.00	Total program costs, funded—obligations	452,531	462,316	465,000
Financing:				
17.00	Recovery of prior year obligations	—3,378		
21.40	Unobligated balance available, start of year	—105,469	—146,316	—65,000
24.40	Unobligated balance available, end of year	146,316	65,000	
40.00	Budget authority (appropriation)	490,000	381,000	400,000
Relation of obligations to outlays:				
71.00	Obligations incurred, net	449,154	462,316	465,000
72.40	Obligated balance, start of year	258,202	508,589	570,905
74.40	Obligated balance, end of year	—508,589	—570,905	—647,705
90.00	Outlays	198,766	400,000	388,200

1. *Construction*.—This appropriation provides for the upgrading of rail passenger service between Boston, Mass., and Washington, D.C. Improvements to the Northeast corridor include improvements to the right-of-way, associated facilities, and installation of the necessary equipment for improved operations. Major rehabilitation efforts include route realignment, track structure, bridges, electrification, signaling, service facilities, and stations.

2. *System engineering/program management and administration*.—This program includes system engineering which provides for system modeling, standards, design and requirements criteria; and program management and administration which provides overall program planning, scheduling, monitoring, supervision, inspection, and evaluation including the salaries of FRA

and Federal Highway Administration personnel assigned to the project.

3. *Public grade crossing elimination.*—This program is funded under a separate authorization in the Surface Transportation Assistance Act of 1978, to modify or eliminate hazards of railway-highway crossings on public roads.

Object Classification (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
FEDERAL RAILROAD ADMINISTRATION			
Personnel compensation:			
11.1 Permanent positions.....	1,048	1,310	1,316
11.3 Positions other than permanent.....	223	205	205
11.5 Other personnel compensation.....	6	17	17
Total personnel compensation.....	1,277	1,532	1,538
12.1 Personnel benefits: Civilian.....	105	138	139
21.0 Travel and transportation of persons.....	75	64	65
22.0 Transportation of things.....	.....	9	10
23.1 Standard level user charges.....	84	89	92
23.2 Communications, utilities, and other rent....	157	170	170
24.0 Printing and reproduction.....	69	80	80
25.0 Other services.....	436,907	413,640	446,061
26.0 Supplies and materials.....	10	25	25
31.0 Equipment.....	5	20	20
Total obligations, Federal Railroad Administration.....	438,689	415,767	448,200
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION			
Personnel compensation:			
11.1 Permanent positions.....	1,193	1,418	1,452
11.3 Positions other than permanent.....	.....	11	12
11.5 Other personnel compensation.....	2	2	2
Total personnel compensation.....	1,195	1,431	1,466
12.1 Personnel benefits: Civilian.....	112	163	136
21.0 Travel and transportation of persons.....	130	159	159
22.0 Transportation of things.....	2	13	4
23.2 Communications, utilities, and other rent....	7	8	9
25.0 Other services.....	182	29	21
26.0 Supplies and materials.....	2	2	2
31.0 Equipment.....	.....	3	3
32.0 Lands and structures.....	12,212	44,741	15,000
Total obligations, allocation to Federal Highway Administration.....	13,842	46,549	16,800
99.0 Total obligations.....	452,531	462,316	465,000

Personnel Summary

FEDERAL RAILROAD ADMINISTRATION			
Total number of permanent positions.....	40	40	40
Total compensable workyears.....	42	46	46
Full-time equivalent of other positions.....	(13)	(12)	(12)
Full-time equivalent of overtime and holiday hours.....	(0)	(1)	(1)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	12.50	12.50	12.50
Average GS salary.....	\$30,836	\$32,994	\$32,994
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION			
Total number of permanent positions.....	43	43	43
Total compensable workyears.....	29	43	43
Full-time equivalent of other positions.....	(0)	(1)	(1)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	11.94	12.13	12.13
Average GS salary.....	\$29,249	\$31,835	\$31,835

GRANTS TO THE NATIONAL RAILROAD PASSENGER CORPORATION

To enable the Secretary of Transportation to make grants to the National Railroad Passenger Corporation, [\$878,400,000] \$975,000,000, to remain available until expended, of which not more than [\$630,400,000] \$650,000,000, shall be available for operating losses incurred by the Corporation, including payment of additional operating expenses of the 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, not more than [\$20,000,000] \$23,000,000, shall be available for the payment of capital and operating expenses resulting from services provided pursuant to section 408(b) of the Rail Passenger Service Act, as amended, not more than [\$211,000,000] \$250,000,000, shall be available for capital improvements, and for labor protection costs pursuant to 45 U.S.C. 565, and not more than \$52,000,000 shall be available for the retirement of loans guaranteed pursuant to 45 U.S.C. 602, together with \$148,100,000 for capital improvements which shall not be available for expenditure until fiscal year 1982, pursuant to section 601(b)(2) of the Rail Passenger Service Act as amended: *Provided, That no capital funds provided in this appropriation shall be paid to the Corporation for the reduction of indebtedness [of which not to exceed \$12,000,000 shall be used for capital improvements in connection with the Indianapolis-Chicago service, and not more than \$12,000,000 shall be available only for the fiscal year 1980 purchase payments for the Northeast Corridor]: Provided further, That none of the funds herein appropriated shall be used for 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. During 1981, and within the resources and authority available, total commitments to guarantee new loans shall not exceed \$7,300,000 of contingent liability for loan principal. (Department of Transportation and Related Agencies Appropriation Act, 1980.)*

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Operating grants.....	600,000	630,400	650,000
2. State assisted routes.....	.....	20,000	23,000
3. Labor protection and capital grants.....	130,000	211,000	250,000
4. Debt transactions.....	49,000	12,000	52,000
10.00 Total program costs, funded—obligations (object class 41.0).....	779,000	873,400	975,000
Financing:			
40.00 Budget authority (appropriation).....	779,000	873,400	975,000
Relation of obligations to outlays:			
71.00 Obligations incurred, net.....	779,000	873,400	975,000
74.40 Obligated balance, end of year.....	.....	.....	—129,500
90.00 Outlays.....	779,000	873,400	845,500

Status of Loan Guarantees (in thousands of dollars)

Position with respect to limitation on loan guarantees:			
3120 Limitation on commitments: Legislative program item.....	.....	.....	7,300
3200 Commitments, gross.....	—45,600	—84,600	—7,300
Cumulative balance of guarantees outstanding:			
4100 Outstanding, start of year.....	573,793	471,767	559,661
4200 New loan guarantees.....	45,600	84,600	7,300
4400 Repayments or prepayments.....	—25,000	.....	—52,000
4700 Other adjustments.....	—122,626	3,294	64,745
4900 Outstanding, end of year.....	471,767	559,661	579,706

The National Railroad Passenger Corporation (Amtrak) is a private corporation. Federal assistance is provided through the Department of Transportation in the following manner:

General and special funds—Continued

GRANTS TO THE NATIONAL RAILROAD PASSENGER CORPORATION—
Continued

1. *Operating grants.*—In 1981, funding is required to meet operating losses anticipated on the reduced Amtrak route structure described by the Amtrak Reorganization Act of 1979. These losses are now expected to be significantly less than previously forecasted due to increases in ridership, improved load factors, and higher revenues brought about by higher automobile operating costs and higher non-rail fares.

2. *State assisted routes.*—In 1981, funding is proposed at the level necessary to support for the full year all existing and new routes operated in 1980. Increased costs for full year operation will be partially offset by the increased state share of new routes in the second year as prescribed by the Amtrak Reorganization Act of 1979.

3. *Labor protection and capital grants.*—This program provides for the continuing cost of labor protection associated with recent route discontinuances and for increased capital investment to permit equipment purchase or modification (both cars and locomotives) and construction or modification of facilities consistent with the needs of the modified system. Advance 1982 appropriations are requested for long lead time procurements.

4. *Debt transactions.*—This program provides for continuation of the systematic retirement of Amtrak's section 602 loans, reducing the availability of guaranteed loans to \$825 million, and for the retirement of the note issued in 1977 to finance an installment of the Northeast corridor purchase.

EMERGENCY RAIL FACILITIES RESTORATION

Status of Direct Loans (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Cumulative balance of direct loans outstanding:			
2100 Outstanding, start of year	33,263	35,151	37,084
2700 Other adjustments	1,888	1,933	2,040
2900 Outstanding, end of year	35,151	37,084	39,124

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 that occurred during June 1972 and provided that no loan application could be approved later than June 27, 1973. The program was terminated in 1974. On October 1, 1978, the unexpended balance was returned to the general fund of the Treasury.

Public enterprise funds:

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 transporta-

tion of freight, passenger, 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] for members of the Senior Executive Service.

PAYMENTS TO THE ALASKA RAILROAD REVOLVING FUND

For payment to the Alaska Railroad Revolving Fund for capital replacements, improvements, operations and maintenance, [\$6,500,000] \$10,640,000, to remain available until expended. (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-4400-0-3-401			
Program by activities:			
Operating and other costs, funded:			
1. Rail line operation program:			
(a) Operations	296		
(b) Maintenance of way and structures	3,843	4,000	4,000
(c) Maintenance of equipment	5,920	6,167	6,250
(d) Traffic	470	505	555
(e) Transportation service	11,592	11,599	11,775
(f) Communications system operation and maintenance	376	390	400
(g) Incidental operations	1,907	1,837	1,924
(h) General and administrative expense	3,681	4,082	4,050
2. Other programs:			
(a) Riverboats and related facilities leased		5	66
(b) Other nonoperating expense	86	80	100
3. Other costs:			
(a) Adjustment of prior years' costs	-271		
(b) Loss on excess current inventories	8		
(c) Undistributed costs	620		
Change in selected resources	-663		
Total operating and other obligations	27,865	28,665	29,120
Capital investment, funded:			
1. Rail line operation program:			
(a) Improvement of roadbed, track and structures	4,774	5,085	4,950
(b) Maintenance	40	830	1,240
(c) Purchase and upgrading of equipment	3,367	2,365	800
(d) Nonprogrammed outlay		500	500
Change in selected resources	-282	-2,303	3,750
Total capital obligations	7,899	6,477	11,240
10.00 Total obligations	35,764	35,142	40,360
Financing:			
14.00 Offsetting collections from: Non-Federal sources:			
Rail line operation program:			
Freight revenue	-18,158	-21,957	-22,500
Passenger revenue	-1,564	-1,475	-1,100
Other rail line revenue	-3,378	-2,490	-2,500
Other programs:			
Riverboats and related facilities	-256	-230	-250
Other nonoperating revenue	-1,825	-1,913	-2,300
Proceeds from sale of assets	-7		
Change in long-term accounts receivable	-103		
21.98 Unobligated balance available, start of year	-3,996	-2,823	-2,246
24.98 Unobligated balance available, end of year	2,823	2,246	1,176
40.00 Budget authority (appropriation) ..	9,300	6,500	10,640

Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	10,473	7,077	11,710
72.98	Obligated balance, start of year.....	1,718	2,399	2,476
74.98	Obligated balance, end of year.....	-2,399	-2,476	-9,816
90.00	Outlays.....	9,792	7,000	5,000

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

Budget program.—The major activity of the rail line operation program is transportation service; the principal supporting activities are maintenance of way and structures and maintenance of equipment. Lease of real properties, riverboats, and related facilities round out the other operating programs. 1981 funds will be used to maintain equipment and facilities at a level needed for safe and efficient operations, make energy conserving improvements to the Anchorage shops, and to fund the major share of a proposed joint State and Federal passenger equipment replacement program, without which self-sufficiency of passenger operations will not be feasible.

Financing.—To the extent possible, programs are financed by revenues earned from freight and passenger services and other services incidental thereto. It is estimated that freight tonnages will continue below the peaks associated with pipeline construction, commensurate with the projected plateau in general business levels in Alaska until such time as other energy resources are developed; that is, natural gas and coal. Through aggressive marketing practices the Alaska Railroad hopes to achieve some increase in tonnage/revenue in 1980 and 1981.

Revenue and Expense (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Rail line operation program:			
Revenue: Ordinary.....	23,100	25,922	26,100
Expense: Ordinary.....	-28,085	-28,580	-28,954
Net income or loss, rail line operation.....	-4,985	-2,658	-2,854
Other programs:			
Revenue.....	2,081	2,143	2,550
Expense: Ordinary.....	-86	-85	-166
Net income, other programs.....	1,995	2,058	2,384
Nonoperating income or loss:			
Adjustment of prior year costs.....	-271		
Loss on excess current inventories.....	8		
Undistributed costs.....	620		
Net nonoperating income or loss.....	357		
Net income or loss for the year.....	-2,633	-600	-470

Financial Condition (in thousands of dollars)

	1978 actual	1979 actual	1980 est.	1981 est.
Assets:				
Fund balance with Treasury.....	5,714	5,222	4,722	10,362
Accounts receivable (net).....	9,698	6,765	4,921	4,157
Advances made.....	26	28	28	28
Inventories.....	6,578	6,339	6,028	6,028
Real property and equipment (net).....	119,114	119,371	127,546	129,599
Other assets (net).....	9,048	13,591	9,967	9,033
Total assets.....	150,177	151,316	153,212	159,207

Liabilities:

Accounts payable and funded accrued liabilities.....	4,441	3,100	3,250	3,250
Advances received.....	976	774	850	875
Total liabilities.....	5,417	3,874	4,100	4,125

Government equity:

Unexpended budget authority:				
Unobligated balance.....	3,996	2,823	2,246	1,176
Undelivered orders.....	6,024	5,319	3,325	9,246
Invested capital.....	134,740	139,300	143,541	144,660
Total Government equity.....	144,760	147,442	149,112	155,082

Analysis of changes in Government equity:

Paid-in capital:				
Opening balance.....	158,294	167,603	174,103	
Transactions:				
Appropriation.....	9,300	6,500	10,640	
Donated assets, net.....	9			
Closing balance.....	167,603	174,103	184,743	
Retained income:				
Opening balance.....	-13,533	-20,161	-24,991	
Net operating income or loss.....	-6,309	-4,000	-3,870	
Deferred outlays.....	-40	-830	-800	
Prior years adjustment.....	-271			
Net nonoperating income or loss.....	-8			
Closing balance.....	-20,161	-24,991	-29,661	
Total Government equity (end of year).....	147,442	149,112	155,082	

Object Classification (in thousands of dollars)

Identification code	69-4400-0-3-401	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	18,494	17,200	18,765
11.3	Positions other than permanent.....	2,086	3,500	3,000
11.5	Other personnel compensation.....	981	850	1,000
	Total personnel compensation.....	21,561	21,550	22,765
12.1	Personnel benefits: Civilian.....	2,703	2,800	3,000
13.0	Benefits for former personnel.....	24		
21.0	Travel and transportation of persons.....	149	210	210
22.0	Transportation of things.....	437	450	600
23.2	Communications, utilities, and other rent....	1,585	2,000	1,800
25.0	Other services.....	1,708	1,836	2,250
26.0	Supplies and materials.....	4,248	4,239	4,000
31.0	Equipment.....	3,046	2,700	785
32.0	Lands and structures.....	1,016	1,500	1,000
42.0	Insurance claims and indemnities.....	233	160	200
	Total costs, funded.....	36,709	37,445	33,610
94.0	Change in selected resources.....	-945	-2,303	3,750
99.0	Total obligations.....	35,764	35,142	40,360

Personnel Summary

Total number of permanent positions.....	716	716	716
Total compensable workyears.....	694	681	729
Full-time equivalent of other positions.....	(73)	(122)	(105)
Full-time equivalent of overtime and holiday hours.....	(40)	(34)	(40)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average salary of ungraded positions.....	\$31,839	\$32,700	\$32,100

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 94-210), as amended and section 803 of Public Law 95-620, for the uses authorized for the Fund, in amounts not to

Public enterprise funds—Continued

RAILROAD REHABILITATION AND IMPROVEMENT FINANCING FUNDS—
Continued

exceed \$100,000,000.] 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 times as may be necessary to pay any amounts required pursuant to the guarantee of the [not to exceed \$600,000,000] principal amount of obligations under sections 511 through 513 of such Act, such authority to exist 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, as amended, shall not exceed [\$600,000,000] \$770,000,000. *During 1981, and within the resources and authority available, total commitments to guarantee new loans shall not exceed \$270,000,000 of contingent liabilities for loan principal. During 1981 and within the resources and authority available, gross obligations for direct loans are authorized in such amounts as may be necessary to cover loan guarantee defaults. (Department of Transportation and Related Agencies Appropriation Act, 1980.)*

Program and Financing (in thousands of dollars)

Identification code	69-4411-0-3-401	1979 actual	1980 est.	1981 est.
Program by activities:				
10.00	Redeemable preference shares (costs—obligations) (object class 33.0).....	68,070	202,656	.....
Financing:				
Offsetting collections from:				
11.00	Federal funds.....	-67	-90	-100
14.00	Non-Federal sources.....	-187	-332	-400
Unobligated balance available, start of year:				
21.47	Authority to borrow.....	-733	-102,656	.....
21.98	Fund balance.....	.....	-91	-50
	U.S. securities (par).....	-900	-1,070	-1,533
Unobligated balance available, end of year:				
24.47	Authority to borrow.....	102,656	.....	.....
24.98	Fund balance.....	91	50	50
	U.S. securities (par).....	1,070	1,533	2,033
47.00	Authority to borrow (appropriation acts).....	170,000	100,000	.....
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	67,816	202,234	-500
72.47	Obligated balance, start of year.....	129,434	125,394	227,628
74.47	Obligated balance, end of year.....	-125,394	-227,628	-97,128
77.00	Adjustments in expired accounts.....	7,930	.....	.....
90.00	Outlays.....	79,786	100,000	130,000

Status of Direct Loans (in thousands of dollars)

Position with respect to limitation on direct loans:				
1110	Limitation on obligations:			
	Appropriation.....	.....	.....	.....
1200	Obligations incurred, gross.....	-68,070	-202,656	.....
Cumulative balance of direct loans outstanding:				
2100	Outstanding, start of year.....	79,190	158,976	258,976
2200	Disbursements.....	79,786	100,000	130,000
2900	Outstanding, end of year.....	158,976	258,976	388,976

Status of Loan Guarantees (in thousands of dollars)

Position with respect to limitation on loan guarantees:				
3110	Limitation on commitments: Appropriation.....	.....	.....	270,000
3200	Commitments, gross.....	-33,386	-350,000	-270,000

Cumulative balance of guarantees outstanding:

4100	Outstanding, start of year.....	35,781	92,653	171,197
4200	New loan guarantees.....	56,962	82,900	181,600
4400	Repayments or prepayments.....	-90	-4,356	-7,402
4900	Outstanding, end of year.....	92,653	171,197	345,395

Section 509 of the Railroad Revitalization and Regulatory Reform Act of 1976, as amended, authorizes the Secretary of Treasury to purchase fund anticipation notes from the Secretary of Transportation. The Secretary of Transportation uses these funds to purchase redeemable preference shares from railroads to provide for capital needs to preserve rail freight services. Funds are 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. This authorization expires September 30, 1980, and is proposed to be replaced by a new program of railroad restructuring assistance under the Rail service assistance appropriation. Section 511 of Public Law 94-210, as amended, also authorizes obligation guarantees for meeting the long-term needs of the railroads. Railroads utilize this funding mechanism to finance major new facilities and rehabilitation or consolidation of current facilities. The appropriation language provides standby authority to issue notes in the event of default, up to the cumulative level of loans anticipated to be guaranteed. Both a cumulative limitation on loans outstanding and an annual limitation on new commitments are proposed for 1981.

URBAN MASS TRANSPORTATION
ADMINISTRATION

Federal Funds

General and special funds:

URBAN MASS TRANSPORTATION FUND

ADMINISTRATIVE EXPENSES

For necessary administrative expenses of the urban mass transportation program authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.); 23 U.S.C., chapter 1, in connection with the activities, including hire of passenger motor vehicles and services as authorized by 5 U.S.C. 3109; [\$19,260,000] \$23,100,000.

RESEARCH, DEVELOPMENT, AND DEMONSTRATIONS AND UNIVERSITY
RESEARCH AND TRAINING

For necessary expenses for research and training, as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), to remain available until expended; [\$69,300,000] \$77,200,000: *Provided*, That [\$66,800,000] \$74,200,000 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] \$1,000,000 shall be available for managerial training as authorized under the authority of said Act.

URBAN DISCRETIONARY GRANTS

[INCLUDING TRANSFER OF FUNDS]

For necessary expenses for urban discretionary grants as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.) to remain available until September 30, [1983] 1984; [\$1,280,000,000] \$1,380,000,000 [of which \$9,925,000 shall be derived by transfer from the Urban Mass Transportation Fund: *Provided*, That none of these funds shall be available to retrofit any existing fixed rail transit system to comply with regulations issued pursuant to section 504 of the Rehabilitation Act of 1973; *Provided*

further, That grants awarded for contracts for the acquisition of rolling stock, including buses, which will result in the expenditure of Federal financial assistance, shall only be awarded based on consideration of performance, standardization, life-cycle costs, and other factors the Secretary may deem relevant, in addition to the consideration of initial capital costs. Where necessary, the Secretary shall assist grantees in making such evaluations].

[RURAL AND SMALL URBAN GRANTS]

NON-URBAN FORMULA GRANTS

For necessary expenses for public transportation projects in areas other than urbanized areas as defined for the purposes of the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), **[\$75,000,000] \$91,000,000**, to remain available until expended.

URBAN FORMULA GRANTS

For necessary expenses for urban formula grants as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), **[\$615,000,000] \$1,525,000,000**, to remain available until expended **[** Provided, That grants awarded for contracts for the acquisition of rolling stock, including buses, which will result in the expenditure of Federal financial assistance, shall only be awarded based on consideration of performance, standardization, life-cycle costs, and other factors the Secretary may deem relevant, in addition to the consideration of initial capital costs. Where necessary, the Secretary shall assist grantees in making such evaluation **]**.

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, as amended (49 U.S.C. 1601 et seq.) and 23 U.S.C. 142(c) and of obligations incurred for projects substituted for Interstate System segments withdrawn prior to enactment of the Federal-Aid Highway Act of 1976; \$1,500,000,000, 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.

[WATERBORNE TRANSPORTATION DEMONSTRATION PROJECT]

[For necessary expenses for a waterborne transportation demonstration project as authorized by section 320 of the Surface Transportation Assistance Act of 1978 (Public Law 95-599); \$10,000,000, to remain available until September 30, 1981. **]**

INTERSTATE TRANSFER GRANTS

[INCLUDING RESCISSION]

For necessary expenses to carry out the provisions of 23 U.S.C. 103(e)(4) for fiscal year **[**1980, \$700,000,000 **]** 1981, **[\$725,000,000]**, to remain available until expended: **Provided**, That amounts for highway projects substituted for Interstate System segments shall be transferred to the Federal Highway Administration **[** Provided further, That \$713,100,000 of contract authority made available or authorized for Interstate transfer grants is hereby rescinded **]**. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Note.—Included below is \$125,000,000 for 1980 that was appropriated under the heading "Surface Transportation, Energy and Safety." The language of this appropriation appears at the end of the Department of Transportation chapter.

Program and Financing (in thousands of dollars)

Identification code 69-1119-0-1-401	1979 actual	1980 est.	1981 est.
Program by activities:			
Direct program:			
Urban discretionary grants.....	1,226,232	1,380,000	1,380,000
Urban formula grants.....	1,134,482	1,480,000	1,600,000
Technical studies grants.....	54,768		
Nonurban formula grants.....	7,929	85,000	110,000
Research and training.....	64,616	70,300	77,200
Administrative expenses.....	19,749	19,614	23,100
Waterborne demonstration.....		15,000	
Interstate transfer grants.....	699,711	700,000	725,000
Commuter rail operating subsidies.....	1,569		

	Total direct program costs, funded.....	3,209,056	3,749,914	3,915,300
	Reimbursable program.....	212	5,000	5,000
	Change in selected resources.....	-57,333		
10.00	Total obligations.....	3,151,935	3,754,914	3,920,300
Financing:				
11.00	Offsetting collections from: Federal funds.....	-212	-5,000	-5,000
17.00	Recovery of prior year obligations.. Unobligated balance available, start of year:	-1,494		
21.40	Appropriation.....	-327,323	-649,792	-643,192
21.49	Contract authority.....	-5,396,787	-4,287,155	-2,713,130
	Unobligated balance available, end of year:			
24.40	Appropriation.....	649,792	634,192	624,192
24.49	Contract authority.....	4,287,155	2,713,130	2,638,130
25.00	Unobligated balance lapsing.....	2,285		
	Budget authority.....	2,365,349	2,169,289	3,821,300
Budget authority:				
40.00	Appropriation.....	4,216,600	4,383,635	5,321,300
40.49	Portion applied to liquidate contract authority.....	-1,850,000	-1,500,000	-1,500,000
41.00	Transferred to other accounts.....	-1,251	-2,086	
43.00	Appropriation (adjusted)...	2,365,349	2,881,549	3,821,300
44.20	Supplemental for civilian pay raises.....		840	
49.11	Contract authority rescinded (Public Law 96-131).....		-713,100	
Relation of obligations to outlays:				
71.00	Obligations incurred, net.....	3,150,228	3,749,914	3,915,300
	Obligated balance, start of year:			
72.40	Appropriation.....	883,449	2,318,332	4,106,514
72.49	Contract authority.....	4,467,362	3,724,710	3,085,635
	Obligated balance, end of year:			
74.40	Appropriation.....	-2,318,332	-4,106,514	-6,728,781
74.49	Contract authority.....	-3,724,710	-3,085,635	-1,660,635
90.00	Outlays, excluding pay raise supplemental.....	2,457,997	2,600,000	2,718,000
91.20	Outlays from civilian pay raise supplemental.....		807	33

Status of Direct Loans (in thousands of dollars)

Cumulative balance of direct loans outstanding:				
2100	Outstanding, start of year.....	47,197	47,197	47,197
2900	Outstanding, end of year.....	47,197	47,197	47,197

Status of Loan Guarantees (in thousands of dollars)

Cumulative balance of guarantees outstanding:				
4100	Outstanding, start of year.....	997,000	997,000	997,000
4900	Outstanding, end of year.....	997,000	997,000	997,000

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	9,864,150	8,011,865	5,798,765
Reduction pursuant to Public Law 96-131.....		-713,100	
Unfunded balance lapsing.....	-2,285		
Appropriation to liquidate contract authority.....	-1,850,000	-1,500,000	-1,500,000
Unfunded balance, end of year.....	8,011,865	5,798,765	4,298,765

This fund was established to finance all capital and operating assistance grants, contracts, and loan activities authorized by the Urban Mass Transportation Act

General and special funds—Continued

URBAN MASS TRANSPORTATION FUND—Continued

of 1964, as amended. This fund was extended until 1982 by the Surface Transportation Assistance Act of 1978. That act also authorized several new funding categories such as intercity bus terminal construction and special rail transit grants. The administration intends to fund such activities through the existing urban discretionary and formula grant programs which have adequate flexibility and funding to accommodate worthy projects.

Urban discretionary grants.—Provides grants to State and local agencies for mass transportation investments. Such investments may include construction of new fixed guideway systems; extensions to existing guideway systems; major bus fleet expansions; capital grants for emergency repairs to transit facilities resulting from natural disasters; deployment of new technology; innovative transit demonstrations projects; and technical planning assistance. For 1981, \$1.4 billion is planned for this activity with 260 projects. Under the administration's Urban Initiative, \$200 million of these funds in 1981 will be used for joint development and related projects which link transportation facilities and encourage private economic development. The request for an advance 1981 appropriation for this activity in the 1980 budget is superseded by this year's request.

Technical studies grants.—This program activity is now subsumed in the urban discretionary grants activity; separate funding is no longer necessary.

Urban formula grants.—Provides for grants to urbanized areas or parts thereof on the basis of a formula for the payment of operating expenses; the construction, acquisition, and improvement of facilities and equipment; for routine capital projects such as the replacement of buses; the modernization of existing systems, and for commuter rail and other fixed guideway systems. For 1981, \$1.6 billion is planned for this activity with 385 projects.

Nonurban formula grants.—Provides formula grants for nonurbanized areas. These funds provide for transit grants (for areas other than urbanized areas) on the basis of a formula. Both payment of operating expenses and capital expenses are eligible. For 1981, \$110.0 million is planned for this activity with 50 grants.

Research and training.—Provides for grants and contracts for the purposes of developing, testing, and demonstrating new facilities, equipment, techniques, and methods (operations and managerial), and improving mass transportation services; grants to public bodies to provide for advanced training for personnel in the mass transportation field; and grants are awarded to public and private, nonprofit institutions to assist in establishing or continuing programs which combine professional training and research in the field of mass transportation. For 1981, \$77.2 million is planned for this activity with 321 projects.

Administrative expenses.—Provides for the administrative costs of the Urban Mass Transportation Administration. For 1981, \$23.1 million is planned for this program activity.

Waterborne demonstration.—Further funding is not necessary because the demonstration can be completed

with the appropriations already provided for this program activity.

Interstate transfer grants.—Grants under this activity are authorized by the 1973 Highway Act, whereby States and localities may withdraw previously approved interstate segments and apply the authorized funds to substitute transit or highway projects. For 1981, \$725 million is planned for this activity with 20 projects. The Washington, D.C., area will receive up to \$275 million in 1980 and 1981 from this activity. The request for an advance 1981 appropriation for this activity in the 1980 budget is superseded by this year's request.

Direct loans and loan guarantees.—These program activities provide direct loans for advance land acquisition and guarantees rail system construction bonds issued by the Washington Metropolitan-Area Transit Authority. No change in the status of these activities is planned for 1981.

Object Classification (in thousands of dollars)

Identification code	69-1119-0-1-401	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	12,700	13,590	15,000
11.3	Positions other than permanent.....	542	585	850
11.5	Other personnel compensation.....	73	115	120
	Total personnel compensation.....	13,315	14,290	15,970
12.1	Personnel benefits: Civilian.....	1,135	1,220	1,350
21.0	Travel and transportation of persons.....	859	891	980
22.0	Transportation of things.....	30	46	50
23.1	Standard level user charges.....	972	998	1,050
23.2	Communications, utilities, and other rent....	728	702	950
24.0	Printing and reproduction.....	400	400	480
25.0	Other services.....	58,228	54,767	60,015
26.0	Supplies and materials.....	70	50	75
31.0	Equipment.....	60	50	80
41.0	Grants, subsidies, and contributions.....	3,076,138	3,681,500	3,839,300
99.0	Total obligations.....	3,151,935	3,754,914	3,920,300

Personnel Summary

Direct:			
Total number of permanent positions.....	563	563	623
Total compensable workyears.....	541	520	610
Full-time equivalent of other positions.....	(29)	(32)	(44)
Full-time equivalent of overtime and holiday hours.....	(3)	(3)	(3)
Average ES salary.....	\$47,270	\$49,549	\$50,000
Average GS grade.....	10.53	10.53	10.54
Average GS salary.....	\$24,124	\$25,836	\$25,933
Reimbursable:			
Total number of permanent positions.....		2	2
Total compensable workyears.....		2	2
Full-time equivalent of other positions.....			
Full-time equivalent of overtime and holiday hours.....			
Average ES salary.....			
Average GS grade.....		12.00	12.00
Average GS salary.....		\$24,703	\$24,950

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 the Corporation except as hereinafter provided. (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Program and Financing (in thousands of dollars)			
Identification code	1979 actual	1980 est.	1981 est.
69-4089-0-3-403			
Program by activities:			
Operating costs, funded:			
1. Administrative expenses (limitation) ..	1,279	1,410	1,473
2. Operations	4,799	5,452	6,083
Total operating costs, funded	6,078	6,862	7,556
3. Replacements and improvements	1,007	1,819	1,900
Total program costs, funded	7,085	8,681	9,456
Change in selected resources (undelivered orders)	643		
10.00 Total obligations	7,728	8,681	9,456
Financing:			
14.00 Offsetting collections from: Non-Federal sources: Revenue	-10,878	-11,000	-12,100
Unobligated balance available, start of year:			
21.47 Authority to borrow	-6,200	-6,200	-6,200
21.98 Fund balance	-4,887	-5,537	-5,856
Unobligated balance available, end of year:			
24.47 Authority to borrow	6,200	6,200	6,200
24.98 Fund balance	5,537	5,856	6,000
27.00 Capital transfer to general fund	2,500	2,000	2,500
Budget authority			
Relation of obligations to outlays:			
71.00 Obligations incurred, net	-3,150	-2,319	-2,644
72.98 Obligated balance, start of year	1,626	1,818	1,318
74.98 Obligated balance, end of year	-1,818	-1,318	-1,318
90.00 Outlays	-3,342	-1,819	-2,644

The continuing overall goal of the Saint Lawrence Seaway Development Corporation is to keep the St. Lawrence Seaway system a safe, reliable, and efficient transportation artery. The Corporation is continuing to interface with a multitude of diverse interests that share the common goal of expanding commerce on the Great Lakes/St. Lawrence Seaway system. In 1981, 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 winter lock maintenance program will be continued. The Saint Lawrence Seaway Development Corporation's 1981 budget reflects these objectives:

1. *Administrative expenses (limitation).*—This program provides for 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 nonnavigation season when both operations and maintenance forces are utilized for their accomplishment.

3. *Replacements and improvements.*—This program provides for capital investments, such as purchase and installation of stack precipitator and modifications for tug Robinson Bay, dredging off-loading facility, navigation aid construction, Phase III installation of flushing ports, season extension projects, and building, plant and equipment replacements. The Corporation also maintains a reserve to provide funding of extraordinary maintenance and improvements and also to insure funding of programs when revenues do not reach expected budgeted levels.

The Corporation estimates its revenues for 1981 to reach \$12.1 million which it proposes to apply as follows: (a) \$7.6 million to pay operating expenses consisting of administrative expenses of \$1.5 million (subject to limitation) and \$6.1 million for operations; (b) \$1.9 million to pay estimated replacements and improvements costs for season extension projects, facility improvements, and replacements of equipment; (c) \$2.5 million for the scheduled redemption of the Corporation's revenue bonds issued to the U.S. Treasury; and (d) \$0.1 million to be added to the Corporation's unobligated reserve.

Revenue and Expense (in thousands of dollars)			
	1979 actual	1980 est.	1981 est.
Operating income or loss:			
Operating program:			
Revenue:			
Shipping tolls	10,527	10,760	11,860
Other	351	240	240
Total revenue	10,878	11,000	12,100
Expense:			
Administrative	1,279	1,410	1,473
Operations	4,799	5,452	6,083
Total expense	6,078	6,862	7,556
Net operating income	4,800	4,138	4,544
Nonoperating income or loss:			
Provision for depreciation and losses	1,796	1,819	1,900
Net nonoperating loss	1,796	1,819	1,900
Net income or loss for the year	3,004	2,319	2,644

Financial Condition (in thousands of dollars)				
	1978 actual	1979 actual	1980 est.	1981 est.
Assets:				
Fund balance with Treasury	6,513	7,355	7,174	7,318
Accounts receivable, net	660	927	927	927
Accrued tolls, receivable unbilled	420	220	220	220
Selected assets, supplies	230	246	246	246
Fixed assets, net	101,687	100,867	101,367	101,367
Total assets	109,510	109,615	109,934	110,078
Liabilities:				
Accounts payable including funded accrued liabilities	1,453	1,054	1,054	1,054
Government equity:				
Unexpended budget authority:				
Unobligated balance:				
Regular	11,087	10,737	10,756	10,800

Public enterprise funds—Continued

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION—Continued

Financial Condition (in thousands of dollars)—Continued

	1978 actual	1979 actual	1980 est.	1981 est.
Reserve.....		1,000	1,300	1,400
Undelivered orders.....	1,253	1,911	1,411	1,411
Unfinanced budget authority:				
Borrowing authority.....	-6,200	-6,200	-6,200	-6,200
Invested capital.....	101,917	101,113	101,613	101,613
Total Government equity.....	108,057	108,561	108,880	109,024

Analysis of changes in Government equity:

Paid-in capital:				
Opening balance.....		115,476	112,976	110,976
Repayment of borrowings from Treasury.....		-2,500	-2,000	-2,500
Closing balance.....		112,976	110,976	108,476
Deficit:				
Opening balance.....		-7,419	-4,415	-2,096
Net income or loss (-).....		3,004	2,319	2,644
Closing balance.....		-4,415	-2,096	548
Total Government equity (end of year) ..		108,561	108,880	109,024

Object Classification (in thousands of dollars)

Identification code 69-4089-0-3-403	1979 actual	1980 est.	1981 est.
Personnel compensation:			
11.1 Permanent positions.....	3,027	3,380	3,508
11.3 Positions other than permanent.....	234	250	265
11.5 Other personnel compensation.....	160	171	180
11.8 Special personal services payments.....	15	16	17
Total personnel compensation.....	3,436	3,817	3,970
12.1 Personnel benefits: Civilian.....	349	387	403
21.0 Travel and transportation of persons.....	50	58	66
22.0 Transportation of things.....		5	5
23.1 Standard level user charges.....	34	34	34
23.2 Communications, utilities, and other rent.....	99	171	175
24.0 Printing and reproduction.....	26	29	31
25.0 Other services.....	202	639	702
26.0 Supplies and materials.....	668	732	1,044
31.0 Equipment.....	203	209	351
32.0 Lands and structures.....	739	1,190	1,202
93.0 Administrative expenses (see separate schedule).....	1,279	1,410	1,473
94.0 Change in selected resources.....	643		
99.0 Total obligations.....	7,728	8,681	9,456

Personnel Summary

Total number of permanent positions.....	157	156	156
Total compensable workyears.....	165	166	166
Full-time equivalent of other positions.....	(11)	(12)	(12)
Full-time equivalent of overtime and holiday hours.....	(14)	(14)	(14)
Average GS grade.....	9.00	9.07	9.07
Average GS salary.....	\$19,890	\$20,366	\$20,562
Average wage-board salary.....	\$17,650	\$18,885	\$20,207

LIMITATION ON ADMINISTRATIVE EXPENSES, SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Not to exceed **[\$1,372,000]** **\$1,473,000** 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, 1980.*)

Program and Financing (in thousands of dollars)

	1979 actual	1980 est.	1981 est.
Program by activities:			
Administration (total accrued expenses—costs) ..	1,279	1,410	1,473
Financing:			
Unobligated balance lapsing.....	33		
Limitation.....	1,312	1,372	1,473
Supplemental for pay increases.....		38	

Object Classification (in thousands of dollars)

Identification code 69-4089-0-3-403	1979 actual	1980 est.	1981 est.
Personnel compensation:			
11.1 Permanent positions.....	869	977	1,018
11.3 Positions other than permanent.....	6	8	10
11.8 Special personal services payments.....	8	10	12
Total personnel compensation.....	883	995	1,040
12.1 Personnel benefits: Civilian.....	72	77	78
21.0 Travel and transportation of persons.....	46	53	56
23.1 Standard level user charges.....	25	25	25
23.2 Communications, utilities, and other rent.....	108	112	113
24.0 Printing and reproduction.....	14	15	19
25.0 Other services.....	85	85	92
26.0 Supplies and materials.....	46	48	50
93.0 Administrative expenses included in schedule for fund as a whole.....	-1,279	-1,410	-1,473
99.0 Total obligations.....			

Personnel Summary

Total number of permanent positions.....	37	38	38
Total compensable workyears.....	38	39	39
Full-time equivalent of other positions.....	(2)	(2)	(2)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	8.69	8.77	8.77
Average GS salary.....	\$20,596	\$20,973	\$21,157

RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION

Federal Funds

General and special funds:

RESEARCH AND SPECIAL PROGRAMS

For expenses necessary to discharge the functions of the Research and Special Programs Administration, **[\$25,846,000]** **\$31,790,000**, of which not to exceed **[\$11,040,000]** **\$11,553,000** shall remain available until expended for expenses for conducting research and development and not to exceed **[\$2,820,000]** **\$3,082,000** shall remain available until expended 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). (*Department of Transportation and Related Agencies Appropriation Act, 1980; additional authorizing legislation has been proposed for \$9,079,000.*)

Program and Financing (in thousands of dollars)

Identification code 69-0104-0-1-407	1979 actual	1980 est.	1981 est.
Program by activities:			
1. Operations.....	9,323	12,221	17,155
2. Research and development.....	4,565	11,293	11,553
3. Grants.....	2,353	3,218	3,082
Total program costs, funded.....	16,241	26,732	31,790
Change in selected resources (undelivered orders).....	7,480		
Total direct obligations.....	23,721	26,732	31,790

Reimbursable program (costs—obligations)		1,539	1,500	1,500
10.00	Total obligations	25,260	28,232	33,290
Financing:				
11.00	Offsetting collections from: Federal funds	-1,539	-1,500	-1,500
21.40	Unobligated balance available, start of year	-99	-651	
24.40	Unobligated balance available, end of year	651		
25.00	Unobligated balance lapsing	167		
Budget Authority		24,440	26,081	31,790
Budget authority:				
40.00	Appropriation	24,760	25,846	31,790
41.00	Transfer to other accounts	-320	-65	
43.00	Appropriation (adjusted)	24,440	25,781	31,790
44.20	Supplemental for civilian pay raises		300	
Relation of obligations to outlays:				
71.00	Obligations incurred, net	23,721	26,732	31,790
72.40	Obligated balance, start of year	4,294	8,744	12,238
74.40	Obligated balance, end of year	-8,744	-12,238	-16,946
77.00	Adjustments in expired accounts	41		
90.00	Outlays, excluding pay raise supplemental	19,312	22,946	27,074
91.20	Outlays from civilian pay raise supplemental		292	8

The mission of the Research and Special Programs Administration is to serve as a research, analytical, and technical development arm of the Department for long-range and multimodal research and development, as well as to conduct special programs. Particular emphasis is given to pipeline safety, transportation of hazardous cargo by all modes of transportation, safety, security, facilitation of domestic and international commerce, and intermodal research and development activities including programs within the university community. Responsibilities of the administration are carried out under the following activities:

1. *Operations.*—This activity provides for the Administration's salaries and expenses as well as for central supervisory and management functions including a management information system necessary for overall planning and direction of the Administration; management and execution of transportation programs involving passenger and cargo security, facilitation services, national emergency plans/preparedness, management of the Transportation Safety Institute; and for the conduct of hazardous materials and pipeline safety regulatory and enforcement programs.

2. *Research and development.*—This activity provides for research and development to complement research programs of the operating administrations, to stimulate industry efforts to advance transportation technology, to develop multimodal and intermodal systems and technology, to encourage university research, and to support the hazardous materials and pipeline safety regulatory programs.

3. *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)		1979 actual	1980 est.	1981 est.
Identification code 69-0104-0-1-407				
Direct obligations:				
Personnel compensation:				
11.1	Permanent positions	5,799	7,221	7,475
11.3	Positions other than permanent	295	207	215
11.5	Other personnel compensation	32	118	118
Total personnel compensation		6,126	7,546	7,808
12.1	Personnel benefits: Civilian	556	666	697
21.0	Travel and transportation of persons	434	528	626
22.0	Transportation of things	28	68	54
23.1	Standard level user charges	522	530	548
23.2	Communications, utilities, and other rent	341	270	270
24.0	Printing and reproduction	413	579	277
25.0	Other services	12,659	13,562	18,267
26.0	Supplies and materials	45	81	80
31.0	Equipment	78	82	81
41.0	Grants, subsidies, and contributions	2,519	2,820	3,082
Total direct obligations		23,721	26,732	31,790
Reimbursable obligations:				
25.0	Other services	1,539	1,500	1,500
99.0	Total obligations	25,260	28,232	33,290

Personnel Summary			
Total number of permanent positions	251	251	262
Total compensable workyears	272	272	288
Full-time equivalent of other positions	(25)	(25)	(30)
Full-time equivalent of overtime and holiday hours	(1)	(1)	(1)
Average ES salary	\$47,500	\$50,112	\$50,112
Average GS grade	11.35	11.35	11.35
Average GS salary	\$27,152	\$28,917	\$29,418

Intragovernmental funds:

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS CENTER

Program and Financing (in thousands of dollars)		1979 actual	1980 est.	1981 est.
Identification code 69-3900-0-4-407				
Program by activities:				
Transportation research (program costs, funded)		60,387	62,400	62,400
Change in selected resources (undelivered orders)		2,639	2,600	2,600
10.00	Total obligations	63,026	65,000	65,000
Financing:				
Offsetting collections from:				
11.00	Federal funds	-51,031	-55,200	-57,500
13.00	Trust funds	-7,728	-7,800	-7,800
21.98	Unobligated balance available, start of year	-7,883	-3,617	-1,617
24.98	Unobligated balance available, end of year	3,617	1,617	1,917
Budget authority				
Relation of obligations to outlays:				
71.00	Obligations incurred, net	4,267	2,000	-300
72.98	Obligated balance, start of year: Fund balance	30,916	37,551	39,551
74.98	Obligated balance, end of year: Fund balance	-37,551	-39,551	-39,251
90.00	Outlays	-2,368		

The fund was established for the conduct of multimodal research, analysis and development projects by the Transportation Systems Center (TSC) in Cambridge, Mass. These projects are sponsored by the Office of the Secretary and all departmental operating elements. Legislation has been proposed to establish a working

Intragovernmental funds—Continued

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS CENTER—Continued

capital fund to finance this activity beginning in 1981. The intragovernmental revolving fund will then permit the programs of the Center to be presented in a manner similar to other such activities elsewhere in the Government. The planned work for 1981, grouped under the departmental objectives, is as follows:

Modernize regulation and legislation.—This activity analyzes Federal regulation of transportation and studies the financial and technical relationships which govern regulatory operations. TSC also conducts assessments of the potential impacts of proposed policies on the transportation industry and the public.

Increase efficiency and service.—This area encompasses development and assessment of new technology, systems, and operating concepts for air, marine, rail, pipeline and urban transportation.

Improve safety and security.—This involves development of statistics and requirements for hazardous materials, rail, and motor vehicle safety. The effort also includes development of improved systems and equipment for safer transportation in air and ground transportation.

Lessen unfavorable environmental impacts.—The Center conducts assessments of transportation effects on air quality and noise. This work also includes specific investigations of airport noise and diesel engine emissions.

Minimize adverse impacts of energy constraints.—This work stresses technological, economic and social assessments of fuel economy, energy policy, and energy conservation in the transportation field. The Center also works toward providing a more energy efficient and socially acceptable automobile.

Increase knowledge base.—This activity includes the collection, organization, analysis, and dissemination of transportation information. This has been formalized as the Transportation Information Center, and is a primary DOT activity for the sharing of data with state and local governments and, as appropriate, with private industry.

Object Classification (in thousands of dollars)			
Identification code	1979 actual	1980 est.	1981 est.
69-3900-0-4-407			
Personnel compensation:			
11.1	17,189	18,330	18,095
11.3	561	600	600
11.5	78	145	145
Total personnel compensation.....			
	17,828	19,075	18,840
12.1	1,638	1,755	1,735
21.0	861	938	1,009
22.0	35	65	70
23.2	1,334	1,465	1,465
24.0	360	400	400
25.0	38,797	38,927	39,106
26.0	713	785	785
31.0	1,271	1,400	1,400
32.0	189	190	190
99.0	63,026	65,000	65,000

Personnel Summary			
	1979 actual	1980 est.	1981 est.
Total number of permanent positions.....	667	667	667
Total compensable workyears.....	676	676	663

Full-time equivalent of other positions.....	(46)	(46)	(46)
Full-time equivalent of overtime and holiday hours.....	(3)	(3)	(3)
Average ES salary.....	\$46,536	\$49,882	\$49,882
Average GS grade.....	11.17	11.17	11.17
Average GS salary.....	\$27,070	\$29,151	\$29,354
Average salary of ungraded positions.....	\$16,463	\$17,324	\$17,324

OFFICE OF THE INSPECTOR GENERAL

Federal Funds

General and special funds:

SALARIES AND EXPENSES

(INCLUDING TRANSFER OF FUNDS)

For necessary expenses of the Office of the Inspector General, \$700,000 together with \$11,493,000 to be derived by transfer from "Salaries and Expenses", Office of the Secretary, \$3,868,000, "Operations", Federal Aviation Administration, \$3,225,000, "Operations and Research", National Highway Traffic Safety Administration, \$630,000, of which \$430,000 shall be derived from the Highway Trust Fund, "Rail Service Assistance", Federal Railroad Administration, \$1,619,000, "Administrative Expenses", Urban Mass Transportation Administration, \$2,086,000, and "Research and Special Programs", Research and Special Programs Administration, \$65,000, together with \$6,960,000 derived from funds available under 23 U.S.C. 104(a) for payment of obligations.

For necessary expenses of the Office of the Inspector General in carrying out the provisions of the Inspector General Act of 1978, \$13,657,000, together with \$8,085,000 derived from funds available under 23 U.S.C. 104(a) for payment of obligations. (Department of Transportation and Related Agencies Appropriation Act, 1980.)

Program and Financing (in thousands of dollars)

Identification code	1979 actual	1980 est.	1981 est.
69-0130-0-1-407			
Program by activities:			
	8,515	20,227	21,742
	1,089		
10.00	9,604	20,227	21,742
Financing:			
Offsetting collections from:			
11.00	-263	-148	
13.00	-3,950	-7,695	-8,085
25.00	1,028		
Budget authority.....			
	6,419	12,384	13,657
Budget authority:			
40.00		700	13,657
42.00	6,419	11,063	
43.00	6,419	11,763	13,657
44.20		621	
Relation of obligations to outlays:			
71.00	5,391	12,384	13,657
72.40		641	625
74.40	-641	-625	-622
90.00	4,750	11,800	13,639
91.20		600	21

In 1981 this appropriation will emphasize the policy development and central supervisory and coordinating functions necessary for the overall planning and direction of the Office of Inspector General. It covers headquarters and field office operations, general management and administration.

Object Classification (in thousands of dollars)				
Identification code	69-0130-0-1-407	1979 actual	1980 est.	1981 est.
Personnel compensation:				
11.1	Permanent positions.....	6,785	13,659	14,841
11.3	Positions other than permanent.....	58	150	163
11.5	Other personnel compensation.....	6	108	115
	Total personnel compensation.....	6,849	13,917	15,119
12.1	Personnel benefits: Civilian.....	684	1,246	1,353
21.0	Travel and transportation of persons.....	376	723	794
22.0	Transportation of things.....	13	24	27
23.1	Standard level user charges.....	159	448	493
23.2	Communication, utilities, and other rent.....	71	274	302
24.0	Printing and reproduction.....	29	46	57
25.0	Other services.....	1,336	3,505	3,547
26.0	Supplies and materials.....	28	21	25
31.0	Equipment.....	59	23	25
99.0	Total obligations.....	9,604	20,227	21,742

Personnel Summary

	1979 actual	1980 est.	1981 est.
Office of Inspector General:			
Total number of permanent positions.....	473	508	508
Total compensable workyears.....	266	474	488
Full-time equivalent of other positions.....	(5)	(12)	(13)
Full-time equivalent of overtime and holiday hours.....	(0)	(6)	(7)
Average ES salary.....	\$47,500	\$50,112	\$50,112
Average GS grade.....	11.42	11.45	11.45
Average GS salary.....	\$27,022	\$27,482	\$28,512
Allocation to OST:			
Total number of permanent positions.....	8	8	8
Total compensable workyears.....	5	8	8
Full-time equivalent of other positions.....	(0)	(0)	(0)
Full-time equivalent of overtime and holiday hours.....	(0)	(0)	(0)
Average GS grade.....	8.00	8.00	8.00
Average GS salary.....	\$17,341	\$17,801	\$18,831

[SURFACE TRANSPORTATION]

[ENERGY AND SAFETY]

[For necessary expenses in carrying out section 126(d) of the Federal-Aid Highway Act of 1978 (Public Law 95-599), \$1,000,000 to be derived from the Highway Trust Fund and for necessary expenses in carrying out section 126(e) of such Act, \$3,000,000 to be derived from the Highway Trust Fund; for necessary expenses in carrying out section 131(j) of title 23, U.S.C., \$8,500,000; for necessary expenses to carry out the provisions of 23 U.S.C. 219, \$20,000,000, to remain available until September 30, 1983; for necessary expenses in carrying out section 154 of title 23, U.S.C. (other than subsection (i)), \$20,000,000 to be derived from the Highway Trust Fund: *Provided*, That none of these funds shall be subject to the obligational limitation set forth in section 304 of this Act; for necessary expenses for urban discretionary grants as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), to remain available until September 30, 1983, \$100,000,000: *Provided*, That none of these funds shall be available to retrofit any existing fixed rail transit system to comply with regulations issued pursuant to section 504 of the Rehabilitation Act of 1973; for necessary expenses for public transportation projects in areas other than urbanized areas as defined for the purposes of the Urban Mass Transportation Act of 1964, as amended (40 U.S.C. 1601 et seq.), \$10,000,000, to remain available until expended; for necessary expenses for urban formula grants as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), \$15,000,000, to remain available until expended.] (*Department of Transportation and Related Agencies Appropriation Act, 1980.*)

Dollar amounts included in the above language are reflected in the following accounts:

Federal Highway Administration:	
Carpool/Vanpool Support Program.....	\$4,000,000
Highway Beautification.....	8,500,000
Safer Off-System Roads.....	20,000,000
National Highway Traffic Safety Administration:	
State and Community Highway Safety.....	20,000,000
Urban Mass Transportation Administration:	
Urban Discretionary Grants.....	100,000,000
Rural and Small Urban Grants.....	10,000,000
Urban Formula Grants.....	15,000,000

TITLE III—GENERAL PROVISIONS

SEC. 301. During the current fiscal year applicable appropriations to the Department of Transportation shall be available for maintenance and operation of aircraft; hire of passenger motor vehicles and aircraft; 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 [\$640,000,000] \$700,000,000 in fiscal year [1980] 1981 for grants in aid for airport planning and development. ["Grants-in-aid for airports" under 49 U.S.C. 1714 (a) and (b), of which \$30,000,000 shall be added to the discretionary fund available for distribution pursuant to 49 U.S.C. 1715(a)(3)(B) and (a)(4)(C)].

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 \$28,000,000 in fiscal year [1980] 1981 for "Highway-related safety grants".

SEC. 304. None of the funds provided under this Act shall be available for the planning or execution of programs including School Bus Driver Training, the total obligations for which are in excess of [\$175,000,000] \$150,405,000 in fiscal year [1980] 1981 for "State and Community Highway Safety".

SEC. 305. Funds appropriated for the Panama Canal Commission 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. 306. 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. [307] 306. 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. [308] 307. 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. 309. 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 forms 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. [310] 308. 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. [311] 309. 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 \$8,750,000,000 for "Federal-Aid Highways" in fiscal year [1980] 1981: *Provided*, That this limitation shall not apply to obligations for emergency relief authorized by 23 U.S.C. 125: *Provided further*, for replacement of the West Seattle bridge in the State of Washington, \$50,000,000 to be made available from obligations authorized by 23 U.S.C. 125 on August 4, 1978: *Provided further*, That this limitation shall not become effective if subsequent legislation containing an obligation limitation on "Federal-Aid Highways" for fiscal year [1980] 1981 is enacted into law by September 30, [1979] 1980. [Provided further, That notwithstanding any other provisions of law, the Secretary of Transportation shall, not later than sixty days after date of enactment of this Act, designate as a route on the National System of Interstate and Defense Highways six miles extending I-164 southward to South Lane Drive to tie into U.S. 41 South: *Provided further*, For not more than 90 per centum of the necessary expenses of the functional replacement of publicly-owned facilities located within the proposed right-of-way of Interstate Route 170 in Baltimore, Maryland, \$2,000,000 out of the Highway Trust Fund, to remain available until expended: *Provided*, That the Secretary of Transportation is authorized and directed to proceed with the obligation of the necessary funds for such publicly-owned facilities without regard to the provisions of the National Environmental Policy Act of 1969, as amended: *Provided further*, That actual construction of a highway on the right-of-way with respect to which said funds are expended shall be commenced within a period not exceeding ten years following the date of enactment of this Act or said funds shall be repaid to the Highway Trust Fund with interest.]

SEC. [312] 310. Obligations for the Great River Road shall include preliminary engineering and the planning or execution of projects for the acquisition of areas of archeological, scientific, or historical importance and of necessary easements for scenic purposes, the construction or reconstruction of roadside rest areas, bicycle trails, and scenic

viewing areas, the reconstruction and rehabilitation of existing road segments, and the construction of new route segments. No such funds, however, shall be used for constructing new segments until 60 per centum of the Great River Road in each State is completed: *Provided*, That such completion may be waived if the Administrator determines that circumstances in such State prevent such completion: *Provided further*, None of the funds provided under this Act shall be available for the planning or execution of programs for the Great River Road, the obligations for which are in excess of [\$39,500,000] \$37,500,000 in fiscal year [1980] 1981.

[SEC. 313. Appropriations under the heading "Facilities and Equipment (Airport and Airway Trust Fund)" in the Department of Transportation and Related Agencies Appropriations Acts, and supplemental appropriations Acts, 1978 and 1979, shall be available through fiscal years 1982 and 1983 respectively.]

[SEC. 314. None of the funds in this Act shall be available for the administrative expenses of making a new loan guarantee during fiscal year 1980 for any aircraft purchase loan, pursuant to the Act of September 7, 1957 (71 Stat 629), as amended, which causes the aggregate of all such guarantees made during fiscal year 1980 to exceed \$650,000,000 in principal amount: *Provided*, That the funds in this Act shall be available for the guarantee of loans for the refinancing of aircraft purchased after January 20, 1979, if an application for an aircraft purchase loan guarantee covering such aircraft was filed prior to that date but after October 24, 1978, and if such application meets the requirements of section 42(d) of the Airline Deregulation Act of 1978.]

SEC. [315] 311. None of the funds provided under this Act shall be available for constructing an extension of the Dulles airport access highway prior to an agreement with the Commonwealth of Virginia under which that Commonwealth assumes responsibility for maintenance and operation of such extension.

SEC. [316] 312. None of the funds provided in this Act shall be available for the implementation or execution of programs the obligations for which are in excess of \$60,000,000 in fiscal year [1980] 1981 for the "Offshore Oil Pollution Compensation Fund."

[SEC. 317. (a) None of the funds provided in this Act may be used to implement or enforce any standard or regulation which requires any motor vehicle to be equipped with an occupant restraint system (other than a belt system).

(b) Nothing in this section shall be construed to prohibit the use of funds provided in this Act for any research and development activity relating to occupant restraint systems.]

SEC. [318] 313. None of the funds appropriated in this Act for the Panama Canal Commission may be expended unless in conformance with the Panama Canal Treaties of 1977 and any law implementing those treaties.

[SEC. 319. None of the funds provided in this Act may be used for planning or construction of rail-highway crossings under section 322(a) of title 23, United States Code, or under sections 701(a)(5) or section 703(1)(A) of the Railroad Revitalization and Regulatory Reform Act of 1976 at the—

- (1) School Street crossing in Groton, Connecticut; and
 - (2) Broadway Extension crossing in Stonington, Connecticut.]
- (Department of Transportation and Related Agencies Appropriation Act, 1980.)