



Department  
of the Army  
Office, Assistant Secretary  
of the Army (Civil Works)

# FISCAL YEAR 2021 Civil Works Budget of the U.S. Army Corps of Engineers

February 2020

DEPARTMENT OF THE ARMY  
OFFICE OF THE ASSISTANT SECRETARY FOR CIVIL WORKS  
WASHINGTON, D.C. 20310-0108

OVERVIEW OF FISCAL YEAR 2021 CIVIL WORKS BUDGET

The President's Budget for Fiscal Year (FY) 2021 for the Army Corps of Engineers Civil Works program funds the development, management, restoration, and protection of the Nation's water, wetlands, and related resources, through studies, the construction, operation and maintenance of projects, the Corps regulatory program, and emergency response. These investments will enable communities to reduce their flood risks, facilitate waterborne transportation, restore significant aquatic ecosystems, and generate low-cost renewable hydropower. The Budget focuses on the highest performing work within the three main missions of the Corps: commercial navigation, flood and storm damage reduction, and aquatic ecosystem restoration.

The Budget provides \$5.966 billion in discretionary funding for the Civil Works program, including \$2.397 billion for commercial navigation, \$1.634 billion for flood and storm damage reduction, and \$350 million for aquatic ecosystem restoration. The Budget proposes establishing an annual fee to support future inland waterways capital investments and economic growth by helping finance the users' share of future capital investments, as well as 10 percent of the operation and maintenance cost of the inland waterways. The Budget also proposes to divest the Washington Aqueduct, which is the wholesale water supply system for Washington, D.C.; Arlington County, Virginia; the City of Falls Church, Virginia; and parts of Fairfax County, Virginia and is the only local water supply system in the Nation owned and operated by the Corps.

In addition, the Budget re-proposes revisions to the appropriations language for the Construction, Operation and Maintenance, and Mississippi River and Tributaries accounts and the Harbor Maintenance and Inland Waterways Trust Funds to enable greater transparency and accountability in how these funds are spent.

Construction. The Budget provides a total of \$2.265 billion for the Construction program, consisting of \$2.173 billion from the Construction account and \$47.1 million from the Harbor Maintenance Trust Fund, and \$45.2 million from the Mississippi River and Tributaries account. The Budget uses the performance guidelines on page 52 to guide the allocation of construction funds. It gives priority to the projects with the highest economic, environmental, and safety returns and focuses on ongoing projects, rather than starting additional projects. The Budget includes \$250 million for the WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects program, an innovative program under which the Corps would transfer appropriated funds to non-Federal sponsors who decide to construct a project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended, and includes a proposal to renew the authorization for that provision which expired on June 10, 2019. The Budget also includes an additional \$250 million, for the Innovative Funding Partnership, to be used in conjunction with funds in excess of the statutory cost share requirements provided by non-Federal interests to accelerate the completion of construction of specifically authorized projects.

Operation and Maintenance. The Budget provides a total of \$3.123 billion for the Operation and Maintenance program, consisting of \$1.996 billion from the Operation and Maintenance account, \$967.9 million from the Harbor Maintenance Trust Fund, and \$158.8 million from the Mississippi River and Tributaries account. The Budget uses the performance guidelines on page 53 to guide the allocation of operation and maintenance funds. The allocation of funding for maintenance among projects reflects a risk-informed approach that considers both project and project component conditions as well as the consequences in the event of a failure. The Budget also gives priority to the maintenance of coastal ports and inland waterways with the most commercial traffic.

Investigations. The Budget provides a total of \$108 million for the Investigations program, consisting of \$102.6 million from the Investigations account and \$5.7 million from the Mississippi River and Tributaries account. The Budget focuses on ongoing work and on promoting efforts to provide local communities with technical and planning assistance to enable them to reduce their flood risk, with emphasis on non-structural approaches. The Budget includes \$31.372 million for Dam Safety Modification Studies and design.

Mississippi River and Tributaries. The Budget includes a total of \$215 million, consisting of \$209.863 million from the Mississippi River and Tributaries account and \$5.133 million from the Harbor Maintenance Trust Fund account, for ongoing work in the lower Mississippi River and its tributaries, with emphasis on the 1,600 miles of levees and related features on the main stem of the lower Mississippi River and in the Atchafalaya Basin.

Harbor Maintenance Trust Fund. The Budget proposes to derive \$1.015 billion from the Harbor Maintenance Trust Fund with an emphasis on supporting transportation of cargo at current levels at the 50 largest U.S. coastal ports, which handle around 90 percent of the waterborne cargo shipped to or from the United States. This \$1.015 billion includes \$50 million for emergency response work following future flood-related major disaster declaration(s) pursuant to the Robert T. Stafford Disaster Relief and Emergency Act.

Flood Control and Coastal Emergencies. The Budget provides \$27 million for preparedness and training of Corps staff to enable them to assist communities during a flood, hurricane, or other natural disasters. The Budget also includes \$50 million for emergency response work following future flood-related major disaster declaration(s) pursuant to the Robert T. Stafford Disaster Relief and Emergency Act.

Regulatory Program. The Budget provides \$200 million for the Regulatory Program to protect the Nation's waters and wetlands and provide efficiency in permit processing.

Formerly Utilized Sites Remedial Action Program. The Budget proposes to return responsibility for management of the Formerly Utilized Sites Remedial Action Program (FUSRAP) back to the Department of Energy (DOE). The Army Corps would continue to perform cleanup of FUSRAP sites on a reimbursable basis with DOE. This proposal would enable DOE to consider a broader range of federal cleanup efforts in prioritizing work each year, thereby increasing the effectiveness and efficiency of Federal cleanup efforts. For these reasons, no funds are included in the Army Corps' Budget for FUSRAP.

Expenses. The Budget provides \$187 million for the Expenses account, which funds the Civil Works program responsibilities of the Corps headquarters and division offices, and other operational costs.

Office of the Assistant Secretary of the Army for Civil Works. The Budget provides \$5 million for the Office of the Assistant Secretary of the Army for Civil Works, whose responsibilities include policy direction and oversight of the Civil Works Program.



R. D. James  
Assistant Secretary of the Army  
(Civil Works)

**DEPARTMENT OF THE ARMY CORPS OF ENGINEERS  
CIVIL WORKS FISCAL YEAR 2021 BUDGET**

The Fiscal Year (FY) 2021 Budget provides \$5,966,186,000 for the Civil Works program of the U.S. Army Corps of Engineers. The Civil Works program supports water resources development, management, and restoration through investigations and surveys, engineering and design, construction, and operation and maintenance as authorized by Congress. FY 2021 requested appropriations and current estimates of additional new resources are as follows:

<b>Appropriations Accounts:</b>	<b>Amount (\$)</b>
Investigations	102,635,000
Construction	2,173,189,000
Operation and Maintenance	1,996,499,000 1/
Regulatory Program	200,000,000
Mississippi River and Tributaries	209,863,000
Expenses	187,000,000
Flood Control and Coastal Emergencies	77,000,000
Assistant Secretary of the Army for Civil Works	5,000,000
Inland Waterways Trust Fund	0
Harbor Maintenance Trust Fund	1,015,000,000
<b>TOTAL</b>	<b>5,966,186,000</b>
<b>Sources of Appropriations:</b>	
General Fund	(4,897,186,000)
Inland Waterways Trust Fund	0
Harbor Maintenance Trust Fund	(1,015,000,000)
Special Recreation User Fees	(54,000,000)
<b>TOTAL</b>	<b>(5,966,186,000)</b>
<b>Additional New Resources Not Included in the Budget:</b>	
Rivers and Harbors Contributed Funds	538,000,000 2/
Coastal Wetlands Restoration Trust Fund	83,000,000 3/
Permanent Appropriations	21,000,000 4/
Special Use Permit Fees	1,000,000
Interagency America the Beautiful Pass Revenues	1,000,000
Bonneville Power Administration	244,000,000 5/
South Dakota Terrestrial Trust Fund	3,000,000
<b>TOTAL</b>	<b>891,000,000</b>

1/ Includes estimated \$54,000,000 in Special Recreation User Fees.

2/ Includes amounts for the required non-Federal cost share of projects; amounts in excess of the non-Federal cost share that are provided as voluntarily contributed or advanced funds; and amounts for certain work carried out in connection with the project with 100 percent non-Federal funding

3/ Transferred from the Sport Fish Restoration Account of the Aquatic Resource Trust Fund for planning, protection, and restoration of coastal wetlands in the state of Louisiana.

4/ Includes Payment to States, Maintenance and Operation of Dams, and Hydraulic Mining

5/ This amount is based on a three year average of actual funding from FY 2017, FY 2018 & FY 2019.

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1/ Also see breakdown for Mississippi River and Tributaries

**FY 2021 Budget  
Business Line/Account Cross-Walk (\$ Millions)**

*Business Lines/Funding Categories: 1/*

	I	C	O&M 2/	MR&T				IWTF	HMTF				REG	FCCE	E	ASA (CW)	TOTAL	
				I	C	O&M	TOTAL MRT	C	C	O&M	MRT O&M	TOTAL HMTF						
<b>Flood and Coastal Storm Damage Reduction</b>	80	752	626	6	37	115	158				7		7					<b>1,622</b>
Coastal	17		12								7		7					36
Inland	62	752	614	6	37	115	158											1,598
<b>Navigation</b>	14	603	749		8	28	36	0	46	956	5	1,007						<b>2,409</b>
Coastal	5	588	23						46	956	5	1,007						1,624
Inland	9	15	726		8	28	36	0										785
<b>Hydropower</b>		4	219															<b>223</b>
<b>Aquatic Ecosystem Restoration</b>	9	314	25		0				1				1					<b>350</b>
<b>Innovative Funding Partnerships 3/</b>		250																<b>250</b>
<b>WRRDA 2014, Section 1043 Non-Federal Construction of Federal Projects 4/</b>		250																<b>250</b>
<b>Environmental Stewardship</b>			116			4	4											<b>120</b>
<b>Recreation</b>			250			12	12											<b>262</b>
<b>Water Supply</b>			6															<b>6</b>
<b>Regulatory</b>														200				<b>200</b>
<b>Emergency Management</b>			5												77			<b>82</b>
<b>Expenses</b>																187		<b>187</b>
<b>Office of the Assistant Secretary of the Army for Civil Works</b>																	5	<b>5</b>
<b>TOTAL</b>	<b>103</b>	<b>2,173</b>	<b>1,996</b>	<b>6</b>	<b>45</b>	<b>159</b>	<b>210</b>	<b>0</b>	<b>47</b>	<b>963</b>	<b>5</b>	<b>1,015</b>	<b>200</b>	<b>77</b>	<b>187</b>		<b>5</b>	<b>5,966</b>

1/ "Items Not Listed Under States" on pages 43-49 are not authorized with a specific business line, costs are distributed by business line in accordance with outputs, where applicable, or shared proportionally when attribution to a specific business line is not applicable.

2/ O&M includes multi-purpose project costs that are not specific to any one business line; those costs are shared proportionally between the business lines that align with the authorized project purposes of the project incurring the cost.

3/ Innovative Funding Partnerships: Funding will be used, in conjunction with funds voluntarily provided by non-Federal interests pursuant to 33 U.S.C. 701h and 33.U.S.C. 701h-1 in excess of the non-Federal sponsor's statutory cost share requirements, to accelerate the completion of construction of specifically authorized projects.

4/ WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects: Funding would be transferred to non-Federal sponsors who decide to construct a specifically authorized project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended.

I = Investigations; C= Construction; O&M = Operation and Maintenance; FCCE = Flood Control and Coastal Emergencies;

REG= Regulatory; E = Expenses; MR&T = Flood Control, Mississippi River and Tributaries; IWTF = Inland Waterway Trust Fund; HMTF = Harbor Maintenance Trust Fund

**DEPARTMENT OF THE ARMY  
STUDIES AND PROJECTS FUNDED TO COMPLETION  
FISCAL YEAR 2021**

**INVESTIGATIONS**

<b>STATE</b>	<b>FY21 BUDGET</b>	<b>STATE</b>	<b>FY21 BUDGET</b>
AR	3,292,000	ND	2,000,000
CA	715,000	OH	3,000,000
CA	2,400,000	OK	2,700,000
CA	79,000	OR	2,672,000
CA	400,000	OR	2,000,000
CA	150,000	OR	2,000,000
CA	2,028,000	OR	2,400,000
GA	150,000	OR	2,400,000
IL	110,000	TX	3,000,000
LA	500,000	WA	2,563,000
NC	110,000		

**CONSTRUCTION**

<b>STATE</b>	<b>FY21 BUDGET</b>	<b>STATE</b>	<b>FY21 BUDGET</b>
CA	384,900,000	MA	68,433,000
FL	35,457,000	PA	11,000,000
IL	12,211,000	OR	119,003,000
LA	45,707,000		

DISP - Disposition of Completed Projects Study; DMMP - Dredge Material Management Plan; DSMS - Dam Safety Modification Study; FEAS - Feasibility Study; MP = Master Plan; PED = Preconstruction, Engineering & Design; TPP = Tribal Partnership Program; W = Water Supply Study

**DEPARTMENT OF THE ARMY  
STUDIES AND PROJECTS FUNDED TO COMPLETION  
FISCAL YEAR 2021**

		<b>OPERATION AND MAINTENANCE</b>			
<b>STATE</b>		<b>FY21 BUDGET</b>	<b>STATE</b>		<b>FY21 BUDGET</b>
AL and MS	TENNESSEE - TOMBIGBEE WATERWAY (TTWW), AL and MS (MP)	425,000	OK	HUGO LAKE, OK (MP)	300,000
FL, AL and GA	JIM WOODRUFF LOCK AND DAM, FL, AL and GA (MP)	400,000	OR	LOOKOUT POINT LAKE, OR (MP)	39,000
IN	SALAMONIE LAKE, IN (MP)	100,000	PA	UNION CITY LAKE, PA (MP)	125,000
KS	MELVERN LAKE, KS (W)	100,000	TX	GRAPEVINE LAKE, TX (MP)	250,000
KY	CARR CREEK LAKE, KY (MP)	265,000	TX	RAY ROBERTS LAKE, TX (MP)	250,000
KY	TAYLORSVILLE LAKE, KY (MP)	265,000	VA	PHILPOTT LAKE, VA (W)	490,000
OH	MOSQUITO CREEK LAKE, OH (MP)	200,000	WA	ICE HARBOR LOCK AND DAM, WA (MP)	123,000

DISP - Disposition of Completed Projects Study; DMMP - Dredge Material Management Plan; DSMS - Dam Safety Modification Study; FEAS - Feasibility Study; MP = Master Plan; PED = Preconstruction, Engineering & Design; TPP = Tribal Partnership Program; W = Water Supply Study

## KEY TO ABBREVIATIONS

IWTF - INLAND WATERWAYS TRUST FUND

HMTF - HARBOR MAINTENANCE TRUST FUND

E - AQUATIC ECOSYSTEM RESTORATION OR ENVIRONMENTAL STEWARDSHIP

EM - EMERGENCY MANAGEMENT

F - FLOOD RISK MANAGEMENT

H - HYDROPOWER

N - NAVIGATION

R - RECREATION

W - WATER SUPPLY

Allocation for multi-state studies, projects and programs are listed under a single state and cross-referenced to other affected states. They are not intended to depict total allocations to individual states.

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
<b>ALABAMA</b>							
ALABAMA RIVER LAKES, AL	E,F,H,N,R				6,083,000	6,922,000	13,005,000
APALACHICOLA, CHATTAHOOCHEE AND FLINT (ACF) RIVERS, GA, AL and FL (See Georgia)	E,N,R						
BAYOU LA BATRE, AL	N	HMTF			26,000	-	26,000
BLACK WARRIOR AND TOMBIGBEE (BWT) RIVERS, AL	E,N,R				10,477,000	12,789,000	23,266,000
GULF INTRACOASTAL WATERWAY (GIWW), AL	N				1,240,000	4,365,000	5,605,000
JIM WOODRUFF LOCK AND DAM, FL, AL and GA (See Florida)	E,H,N,R						
MOBILE HARBOR, AL	N	HMTF			1,477,000	23,491,000	24,968,000
TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL and MS	N				1,800,000	-	1,800,000
TENNESSEE - TOMBIGBEE WATERWAY (TTWW), AL and MS	E,N,R				16,434,000	12,446,000	28,880,000
WALTER F. GEORGE LOCK AND DAM, AL and GA	E,H,N,R				4,945,000	3,712,000	8,657,000
WEST POINT DAM AND LAKE, GA and AL (See Georgia)	E,F,H,N,R						
<b>ALASKA</b>							
ANCHORAGE HARBOR, AK	N	HMTF			-	11,300,000	11,300,000
CHENA RIVER LAKES FLOOD CONTROL PROJECT, NORTH POLE, AK	E,F,R				4,052,000	1,750,000	5,802,000
DILLINGHAM HARBOR, AK	N	HMTF			-	815,000	815,000
ELIM SUBSISTENCE HARBOR, AK 2/	N		110,000				
HOMER HARBOR, AK	N	HMTF			-	650,000	650,000
NINILCHIK HARBOR, AK	N	HMTF			-	470,000	470,000
NOME HARBOR, AK	N	HMTF			12,000	2,305,000	2,317,000
WRANGELL HARBOR, AK	N	HMTF			-	150,000	150,000
<b>ARIZONA</b>							
ALAMO LAKE, AZ	E,F,R				1,906,000	3,250,000	5,156,000
BIRD SPRINGS WATERSHED ASSESSMENT, AZ 2/	F		50,000				

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
ARIZONA (continued)							
PAINTED ROCK DAM, AZ	E,F,R				1,095,000	3,475,000	4,570,000
WHITLOW RANCH DAM, AZ	E,F				497,000	320,000	817,000
ARKANSAS							
BEAVER LAKE, AR	E,F,H,R,W				6,883,000	2,731,000	9,614,000
BLAKELY MOUNTAIN DAM, LAKE OUACHITA, AR	E,F,H,R,W				7,043,000	1,342,000	8,385,000
BLUE MOUNTAIN LAKE, AR	E,F,R,W				1,801,000	1,148,000	2,949,000
BULL SHOALS LAKE, AR	E,F,H,R,W				6,354,000	1,994,000	8,348,000
DEGRAY LAKE, AR	E,F,H,N,R				4,368,000	2,237,000	6,605,000
DEQUEEN LAKE, AR	E,F,R,W				1,309,000	1,616,000	2,925,000
DIERKS LAKE, AR	E,F,R,W				1,245,000	1,295,000	2,540,000
GILLHAM LAKE, AR	E,F,R,W				1,052,000	546,000	1,598,000
GREERS FERRY LAKE, AR	E,F,H,R,W				6,436,000	1,835,000	8,271,000
HELENA HARBOR, AR	N	HMTF			-	15,000	15,000
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	E,H,N,R,W				31,168,000	18,318,000	49,486,000
MILLWOOD LAKE, AR	E,F,R,W				2,117,000	1,288,000	3,405,000
NARROWS DAM, LAKE GREESON, AR	E,F,H,R				4,273,000	1,578,000	5,851,000
NIMROD LAKE, AR	E,F,R,W				1,943,000	383,000	2,326,000
NORFORK LAKE, AR	E,F,H,R,W				4,173,000	2,164,000	6,337,000
OSCEOLA HARBOR, AR	N	HMTF			-	15,000	15,000
OUACHITA AND BLACK RIVERS, AR and LA	E,F,N,R				5,875,000	1,750,000	7,625,000
TABLE ROCK LAKE, MO and AR (See Missouri)	E,F,H,R,W						
THREE RIVERS, AR	N		3,292,000				
WHITE RIVER, AR	N				-	25,000	25,000
YELLOW BEND PORT, AR	N	HMTF			15,000	110,000	125,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
CALIFORNIA							
AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	F			131,500,000			
BLACK BUTTE LAKE, CA	E,F,R				2,387,000	267,000	2,654,000
BUCHANAN DAM - H.V. EASTMAN LAKE, CA	E,F,R				2,111,000	508,000	2,619,000
CARBON CANYON DAM, SANTA ANA RIVER BASIN, CA	F		1,500,000				
CLEAR CREEK ECOSYSTEM RESTORATION, CA 2/	E		100,000				
COYOTE VALLEY DAM, LAKE MENDOCINO, CA	E,F,R,W				3,497,000	1,343,000	4,840,000
DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	E,F,R,W				5,517,000	1,971,000	7,488,000
FARMINGTON DAM, CA	F				580,000	86,000	666,000
HIDDEN DAM - HENSLEY LAKE, CA	E,F,R				2,272,000	271,000	2,543,000
HUMBOLDT HARBOR AND BAY, CA	N	HMTF			60,000	4,250,000	4,310,000
ISABELLA LAKE, CA	E,F				1,688,000	433,000	2,121,000
LOS ANGELES COUNTY DRAINAGE AREA, CA	E,F,R				7,598,000	10,475,000	18,073,000
LOS ANGELES COUNTY DRAINAGE AREA (CHANNELS), CA 1/	N		715,000				
MARTIS CREEK LAKE, NV and CA (See Nevada)	E,F,R						
MERCED COUNTY STREAMS, CA	F				462,000	61,000	523,000
MOJAVE RIVER DAM, CA	E,F,R				662,000	367,000	1,029,000
MORRO BAY HARBOR, CA	N	HMTF			-	2,800,000	2,800,000
MOSS LANDING HARBOR, CA	N	HMTF			-	4,100,000	4,100,000
NEW HOGAN LAKE, CA	E,F,R,W				2,804,000	995,000	3,799,000
NEW MELONES LAKE (DOWNSTREAM CHANNEL), CA	E,F,R				1,572,000	746,000	2,318,000
NOYO RIVER AND HARBOR, CA	N	HMTF			-	3,600,000	3,600,000
OAKLAND HARBOR, CA	N	HMTF			380,000	21,595,000	21,975,000
OCEANSIDE HARBOR, CA	N	HMTF			-	2,470,000	2,470,000
PRADO DAM, SANTA ANA RIVER BASIN, CA	F		2,400,000				
PINE FLAT LAKE, CA	E,F,R				3,526,000	1,196,000	4,722,000
REDWOOD CITY HARBOR, CA	N	HMTF			60,000	8,400,000	8,460,000
RICHMOND HARBOR, CA	N	HMTF			120,000	6,090,000	6,210,000
SACRAMENTO RIVER (30 FOOT CHANNEL), CA		HMTF			50,000	1,560,000	1,610,000
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	E,R				819,000	25,000	844,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
CALIFORNIA (continued)							
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	N	HMTF			691,000	114,000	805,000
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL), CA	N	HMTF			190,000	-	190,000
SALINAS RESERVOIR (SANTA MARGARITA LAKE), CA 1/	N		79,000				
SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	R				636,000	313,000	949,000
SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY (LTMS), CA	N	HMTF			450,000	-	450,000
SOUTH SAN FRANCISCO BAY SHORELINE, CA (Phase II)	F		400,000				
SAN FRANCISCO HARBOR AND BAY (DRIFT REMOVAL), CA	N	HMTF			85,000	3,508,000	3,593,000
SAN FRANCISCO HARBOR, CA	N	HMTF			60,000	4,640,000	4,700,000
SAN JOAQUIN RIVER (PORT OF STOCKTON), CA	N	HMTF			50,000	4,560,000	4,610,000
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	N	HMTF			60,000	2,945,000	3,005,000
SANTA ANA RIVER BASIN, CA	E,F,R				4,876,000	4,980,000	9,856,000
SANTA BARBARA HARBOR, CA	N	HMTF			-	2,900,000	2,900,000
SUCCESS LAKE, CA	E,F,R				2,869,000	405,000	3,274,000
SUISUN BAY CHANNEL, CA	N	HMTF			75,000	5,699,000	5,774,000
SUISUN BAY CHANNEL (SLOUGH), CA 1/	N		150,000				
TERMINUS DAM (LAKE KAWEAH), CA	E,F,R				3,035,000	447,000	3,482,000
VENTURA HARBOR, CA	N	HMTF			-	4,795,000	4,795,000
WEST SACRAMENTO, CA	F		2,028,000				
WHITTIER NARROWS, CA (DAM SAFETY)	F			384,900,000			
YUBA RIVER, CA	E				146,000	125,000	271,000
YUBA RIVER, CA	N	HMTF			1,360,000	-	1,360,000
COLORADO							
BEAR CREEK LAKE, CO	E,F,R				657,000	20,000	677,000
CHATFIELD LAKE, CO	E,F,R				1,468,000	150,000	1,618,000
CHERRY CREEK LAKE, CO	E,F,R				1,076,000	51,000	1,127,000
JOHN MARTIN RESERVOIR, CO	E,F,R		800,000		2,159,000	925,000	3,084,000
TRINIDAD LAKE, CO	E,F,R				1,566,000	494,000	2,060,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
<b>CONNECTICUT</b>							
BLACK ROCK LAKE, CT	E,F,R				550,000	905,000	1,455,000
COLEBROOK RIVER LAKE, CT	E,F,R,W				696,000	151,000	847,000
HANCOCK BROOK LAKE, CT	E,F,R				557,000	286,000	843,000
HOP BROOK LAKE, CT	E,F,R				1,037,000	396,000	1,433,000
MANSFIELD HOLLOW LAKE, CT	E,F,R				833,000	96,000	929,000
NORTHFIELD BROOK LAKE, CT	E,F,R				750,000	474,000	1,224,000
STAMFORD HURRICANE BARRIER, CT	F				508,000	98,000	606,000
THOMASTON DAM, CT	E,F,R				750,000	523,000	1,273,000
WEST THOMPSON LAKE, CT	E,F,R				1,056,000	854,000	1,910,000
<b>DELAWARE</b>							
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA and DE (See New Jersey)	N						
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE and MD	N	HMTF			7,595,000	10,925,000	18,520,000
INTRACOASTAL WATERWAY, REHOBOTH BAY TO DELAWARE BAY, DE	N	HMTF			30,000	-	30,000
WILMINGTON HARBOR, DE	N	HMTF			190,000	7,780,000	7,970,000
<b>DISTRICT OF COLUMBIA</b>							
POTOMAC AND ANACOSTIA RIVERS, DC AND MD (DRIFT REMOVAL)	N	HMTF			1,200,000	50,000	1,250,000
WASHINGTON HARBOR, DC	N	HMTF			-	25,000	25,000
<b>FLORIDA</b>							
AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC and VA	N				100,000	-	100,000
APALACHICOLA, CHATTAHOOCHEE AND FLINT (ACF) RIVERS, GA, AL and FL (See Georgia)	E,N,R						
CANAVERAL HARBOR, FL	N	HMTF			1,220,000	7,135,000	8,355,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
FLORIDA (continued)							
CENTRAL & SOUTHERN FLORIDA (C&SF), FL	E,F,R				9,090,000	6,983,000	16,073,000
CENTRAL & SOUTHERN FLORIDA (C&SF), FL	N	HMTF			982,000	612,000	1,594,000
FERNANDINA HARBOR, FL	N	HMTF			36,000	-	36,000
INTRACOASTAL WATERWAY, CALOOSAHATCHEE R TO ANCLOTE R, FL	N	HMTF			110,000	-	110,000
INTRACOASTAL WATERWAY (IWW) - JACKSONVILLE TO MIAMI, FL	N				280,000	-	280,000
JACKSONVILLE HARBOR, FL	N			35,457,000			
JACKSONVILLE HARBOR, FL	N	HMTF			400,000	7,450,000	7,850,000
JIM WOODRUFF LOCK AND DAM, FL, AL and GA	E,H,N,R				4,197,000	3,902,000	8,099,000
MANATEE HARBOR, FL	N	HMTF			75,000	-	75,000
MIAMI HARBOR, FL	N	HMTF			230,000	-	230,000
OKEECHOBEE WATERWAY (OWW), FL	E,R				1,044,000	285,000	1,329,000
OKEECHOBEE WATERWAY (OWW), FL	N	HMTF			1,133,000	622,000	1,755,000
PALM BEACH HARBOR, FL	N	HMTF			320,000	-	320,000
PANAMA CITY HARBOR, FL	N	HMTF			-	1,803,000	1,803,000
PENSACOLA HARBOR, FL	N	HMTF			130,000	1,160,000	1,290,000
PONCE DE LEON INLET, FL	N	HMTF			36,000	-	36,000
PORT EVERGLADES HARBOR, FL	N	HMTF			380,000	-	380,000
REMOVAL OF AQUATIC GROWTH, FL	N	HMTF			-	3,432,000	3,432,000
SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) PROGRAM, FL	E			250,000,000	8,287,000	1,765,000	10,052,000
TAMPA HARBOR, FL	N	HMTF			430,000	9,257,000	9,687,000
GEORGIA							
AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC and VA (See Florida)	N						
ALLATOONA LAKE, GA	E,F,H,R,W				5,786,000	2,954,000	8,740,000
APALACHICOLA, CHATTAHOOCHEE AND FLINT (ACF) RIVERS, GA, AL and FL	E,N,R				1,164,000	350,000	1,514,000
ATLANTIC INTRACOASTAL WATERWAY (AIWW), GA	N				202,000	-	202,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
GEORGIA (continued)							
BRUNSWICK HARBOR, GA	N	HMTF			748,000	3,337,000	4,085,000
BUFORD DAM AND LAKE SIDNEY LANIER, GA	E,F,H,N,R,W				7,403,000	3,368,000	10,771,000
CARTERS DAM AND LAKE, GA	E,F,H,R,W				3,384,000	4,399,000	7,783,000
HARTWELL LAKE, GA and SC	E,F,H,R,W				7,819,950	2,923,905	10,743,855
HARTWELL LAKE, GA and SC	N	HMTF			34,050	3,095	37,145
J. STROM THURMOND (JST) DAM AND LAKE, GA and SC	E,F,H,R,W				7,564,309	2,881,336	10,445,645
J. STROM THURMOND (JST) DAM AND LAKE, GA and SC	N	HMTF			60,691	11,664	72,355
JIM WOODRUFF LOCK AND DAM, FL, AL and GA (See Florida)	E,H,N,R						
RICHARD B. RUSSELL (RBR) DAM AND LAKE, GA and SC	E,F,H,R,W				4,322,000	5,573,000	9,895,000
SAVANNAH HARBOR, GA	N	HMTF			5,944,000	23,474,000	29,418,000
SAVANNAH HARBOR EXPANSION, GA	N			93,600,000			
SAVANNAH RIVER BELOW AUGUSTA, GA 1/	N		150,000				
SAVANNAH RIVER BELOW AUGUSTA, GA	N	HMTF			101,000	60,000	161,000
WALTER F. GEORGE LOCK AND DAM, AL and GA (See Alabama)	E,H,N,R						
WEST POINT DAM AND LAKE, GA and AL	E,F,H,N,R				4,824,000	3,308,000	8,132,000
HAWAII							
BARBERS POINT DEEP DRAFT HARBOR, OAHU, HI	R				305,000	-	305,000
HILO HARBOR, HI	N	HMTF			-	200,000	200,000
IDAHO							
ALBENI FALLS DAM, ID	E,F,N,R				871,000	461,000	1,332,000
COLUMBIA RIVER FISH MITIGATION, WA, OR and ID (CRFM) (See Washington)	E,N						
DWORSHAK DAM AND RESERVOIR, ID	E,F,N,R				2,148,000	602,000	2,750,000
LUCKY PEAK DAM AND LAKE, ID	E,F,R				1,938,000	521,000	2,459,000
SWEETWATER CREEK RESTORATION, ID 2/	E		100,000				

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
ILLINOIS							
CALUMET HARBOR AND RIVER, IL and IN	N	HMTF		16,000,000	403,000	5,833,000	6,236,000
CARLYLE LAKE, IL	E,F,R,W				4,284,000	2,286,000	6,570,000
CHICAGO HARBOR, IL	N	HMTF			2,918,000	882,000	3,800,000
CHICAGO RIVER, IL	F				619,000	-	619,000
CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIERS, IL	E				10,544,000	3,757,000	14,301,000
FARM CREEK RESERVOIRS, IL	E,F				451,000	2,261,000	2,712,000
ILLINOIS WATERWAY (MVR PORTION), IL and IN	E,N,R				18,103,000	24,310,000	42,413,000
ILLINOIS WATERWAY (MVS PORTION), IL and IN	E,N				619,000	1,509,000	2,128,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH and WI	E		50,000				
KASKASKIA RIVER NAVIGATION, IL	E,N,R				1,670,000	536,000	2,206,000
LAKE MICHIGAN DIVERSION, IL	N	HMTF			1,170,000	-	1,170,000
LAKE SHELBYVILLE, IL	E,F,R,W				4,235,000	2,075,000	6,310,000
MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL AND MO	N			12,211,000			
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	E,N,R				30,469,000	48,190,000	78,659,000
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	E,N,R				8,714,000	32,076,000	40,790,000
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO and IL (See Missouri)	E,F,N,R						
OHIO RIVER LOCKS AND DAMS, KY, IL, IN and OH (See Kentucky)	E,N						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV (See Kentucky)	N						
PEORIA SMALL BOAT HARBOR, IL 1/	N		110,000				
REND LAKE, IL	E,F,R,W				4,352,000	2,391,000	6,743,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI	E			33,170,000			
WAUKEGAN HARBOR, IL	N	HMTF			11,000	-	11,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
INDIANA							
BROOKVILLE LAKE, IN	E,F,R,W				1,209,000	522,000	1,731,000
BURNS WATERWAY HARBOR, IN	N	HMTF			199,000	4,268,000	4,467,000
CAGLES MILL LAKE, IN	E,F,R				1,303,000	182,000	1,485,000
CALUMET HARBOR AND RIVER, IL and IN (See Illinois)	N						
CECIL M. HARDEN LAKE, IN	E,F,R				1,366,000	70,000	1,436,000
FALLS OF THE OHIO NATIONAL WILDLIFE, KY and IN (See Kentucky)	E						
ILLINOIS WATERWAY (MVR PORTION), IL and IN (See Illinois)	E,N,R						
ILLINOIS WATERWAY (MVS PORTION), IL and IN (See Illinois)	E,N						
INDIANA HARBOR, IN	N	HMTF			4,559,000	3,017,000	7,576,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH and WI (See Illinois)	E						
J. EDWARD ROUSH LAKE, IN	E,F,R				1,216,000	882,000	2,098,000
MICHIGAN CITY HARBOR, IN	N	HMTF			10,000	-	10,000
MISSISSINEWA LAKE, IN	E,F,R				1,257,000	1,662,000	2,919,000
MONROE LAKE, IN	E,F,R,W				1,226,000	152,000	1,378,000
OHIO RIVER LOCKS AND DAMS, KY, IL, IN and OH (See Kentucky)	E,N						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV (See Kentucky)	N						
PATOKA LAKE, IN	E,F,R,W				1,111,000	76,000	1,187,000
SALAMONIE LAKE, IN	E,F,R				1,287,000	2,220,000	3,507,000
IOWA							
CORALVILLE LAKE, IA	E,F,R				4,172,000	855,000	5,027,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD	E,N			9,700,000	2,567,000	2,098,000	4,665,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
IOWA (continued)							
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA (See Nebraska)	F						
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE	E,N				4,228,000	5,237,000	9,465,000
RATHBUN LAKE, IA	E,F,R,W				2,513,000	308,000	2,821,000
RED ROCK DAM AND LAKE RED ROCK, IA	E,F,R				4,688,000	393,000	5,081,000
SAYLORVILLE LAKE, IA	E,F,R,W				5,489,000	1,365,000	6,854,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI (See Illinois)	E						
KANSAS							
CLINTON LAKE, KS	E,F,R,W				2,291,000	324,000	2,615,000
COUNCIL GROVE LAKE, KS	E,F,R,W				1,322,000	707,000	2,029,000
EL DORADO LAKE, KS	E,F,R,W				627,000	129,000	756,000
ELK CITY LAKE, KS	E,F,R,W				883,000	146,000	1,029,000
FALL RIVER LAKE, KS	E,F,R				1,165,000	379,000	1,544,000
HILLSDALE LAKE, KS	E,F,R,W				988,000	312,000	1,300,000
JOHN REDMOND DAM AND RESERVOIR, KS	E,F,R,W				1,458,000	302,000	1,760,000
KANOPOLIS LAKE, KS	E,F,R,W				1,724,000	276,000	2,000,000
MARION LAKE, KS	E,F,R,W				1,593,000	276,000	1,869,000
MELVERN LAKE, KS	E,F,R,W				2,433,000	301,000	2,734,000
MILFORD LAKE, KS	E,F,R,W				2,417,000	115,000	2,532,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE (See Iowa)	E,N						
PEARSON-SKUBITZ BIG HILL LAKE, KS	E,F,R,W				1,223,000	178,000	1,401,000
PERRY LAKE, KS	E,F,R,W				2,761,000	626,000	3,387,000
POMONA LAKE, KS	E,F,R,W				2,171,000	359,000	2,530,000
SOLDIER CREEK WATERSHED, KS 2/	F		45,000				
TORONTO LAKE, KS	E,F,R,W				625,000	127,000	752,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
KANSAS (continued)							
TUTTLE CREEK LAKE, KS	E,F,R,W				2,790,000	279,000	3,069,000
WILSON LAKE, KS	E,F,R				1,641,000	1,969,000	3,610,000
KENTUCKY							
BARKLEY DAM AND LAKE BARKLEY, KY and TN	E,F,H,N,R,W				9,502,000	4,057,000	13,559,000
BARREN RIVER LAKE, KY	E,F,R,W				2,770,000	379,000	3,149,000
BIG SANDY HARBOR, KY	N	HMTF			9,000	1,918,000	1,927,000
BUCKHORN LAKE, KY	E,F,R				1,478,000	566,000	2,044,000
CARR CREEK LAKE, KY	E,F,R,W				1,889,000	431,000	2,320,000
CAVE RUN LAKE, KY	E,F,R,W				1,071,000	188,000	1,259,000
DEWEY LAKE, KY	E,F,R				1,310,000	805,000	2,115,000
ELVIS STAHR (HICKMAN) HARBOR, KY	N	HMTF			15,000	920,000	935,000
FALLS OF THE OHIO NATIONAL WILDLIFE, KY and IN	E				29,000	29,000	58,000
FISHTRAP LAKE, KY	E,F,R				1,627,000	721,000	2,348,000
GRAYSON LAKE, KY	E,F,R,W				1,216,000	821,000	2,037,000
GREEN AND BARREN RIVERS, KY	E,N				1,298,000	1,541,000	2,839,000
GREEN RIVER LAKE, KY	E,F,R,W				2,868,000	391,000	3,259,000
KENTUCKY RIVER, KY	N				5,000	-	5,000
LAUREL RIVER LAKE, KY	E,H,R,W				2,175,000	396,000	2,571,000
MARTINS FORK LAKE, KY	E,F,R,W				1,315,000	327,000	1,642,000
MIDDLESBORO CUMBERLAND RIVER, KY	F				194,000	88,000	282,000
NOLIN LAKE, KY	E,F,R,W				2,586,000	587,000	3,173,000
OHIO RIVER LOCKS AND DAMS, KY, IL, IN and OH	E,N				14,865,000	50,014,000	64,879,000
OHIO RIVER LOCKS AND DAMS, WV, KY and OH (See West Virginia)	E,N,R						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV	N				805,000	6,367,000	7,172,000
OHIO RIVER OPEN CHANNEL WORK, WV, KY and OH (See West Virginia)	N						
PAINTSVILLE LAKE, KY	E,F,R,W				1,075,000	485,000	1,560,000
ROUGH RIVER LAKE, KY	E,F,R,W			8,750,000	2,932,000	519,000	3,451,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
KENTUCKY (continued)							
TAYLORSVILLE LAKE, KY	E,F,R				1,207,000	653,000	1,860,000
WOLF CREEK DAM, LAKE CUMBERLAND, KY	E,F,H,R,W				8,801,000	1,967,000	10,768,000
YATESVILLE LAKE, KY	E,F,R				917,000	492,000	1,409,000
LOUISIANA							
ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF and BLACK, LA	N	HMTF			430,000	4,000,000	4,430,000
BARATARIA BAY WATERWAY, LA	N	HMTF			100,000	-	100,000
BAYOU BODCAU DAM AND RESERVOIR, LA	E,F,R				611,000	131,000	742,000
BAYOU COCODERIE AND TRIBUTARIES, LA 1/	F		500,000				
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	N	HMTF			100,000	150,000	250,000
BAYOU PIERRE, LA	F				-	33,000	33,000
BAYOU SEGNETTE WATERWAY, LA	N	HMTF			10,000	-	10,000
BAYOU TECHE AND VERMILION RIVER, LA	N	HMTF			30,000	-	30,000
BAYOU TECHE, LA	N	HMTF			50,000	-	50,000
CADDO LAKE, LA	F,R				238,000	48,000	286,000
CALCASIEU RIVER AND PASS, LA	N	HMTF		9,000,000	1,400,000	6,000,000	7,400,000
FRESHWATER BAYOU, LA	N	HMTF			1,880,000	5,697,000	7,577,000
GULF INTRACOASTAL WATERWAY, LA	N,R				11,380,000	1,013,000	12,393,000
HOUMA NAVIGATION CANAL, LA	N	HMTF			100,000	2,650,000	2,750,000
J. BENNETT JOHNSTON WATERWAY, LA	E,N,R				7,360,000	3,750,000	11,110,000
LAKE PROVIDENCE HARBOR, LA	N	HMTF			30,000	1,300,000	1,330,000
MADISON PARISH PORT, LA	N	HMTF			7,000	200,000	207,000
MERMENTAU RIVER, LA	N	HMTF			1,880,000	-	1,880,000
MISSISSIPPI RIVER OUTLETS AT VENICE, LA	N	HMTF			100,000	2,650,000	2,750,000
MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	N	HMTF			4,000,000	60,000,000	64,000,000
MISSISSIPPI RIVER SHIP CHANNEL GULF TO BATON ROUGE, LA	N			45,707,000			
OUACHITA AND BLACK RIVERS, AR and LA (See Arkansas)	E,F,N,R						

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
LOUISIANA (continued)							
PEARL RIVER, MS and LA (See Mississippi)	N						
REMOVAL OF AQUATIC GROWTH, LA	N	HMTF			200,000	-	200,000
TANGIPAHOA RIVER, LA	N	HMTF			20,000	-	20,000
WALLACE LAKE, LA	F,R				194,000	13,000	207,000
WATERWAY FROM EMPIRE TO THE GULF, LA	N	HMTF			10,000	-	10,000
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA	N	HMTF			15,000	-	15,000
MAINE							
DISPOSAL AREA MONITORING, ME	N	HMTF			1,050,000	-	1,050,000
MARYLAND							
BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	N	HMTF			1,105,000	18,980,000	20,085,000
BALTIMORE HARBOR, MD (DRIFT REMOVAL)	N	HMTF			550,000	50,000	600,000
CUMBERLAND, MD AND RIDGELEY, WV	F				50,000	165,000	215,000
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE and MD (See Delaware)	N						
JENNINGS RANDOLPH LAKE, MD and WV	E,F,R,W				1,853,000	542,000	2,395,000
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	N	HMTF			615,000	500,000	1,115,000
POPLAR ISLAND, MD	N	HMTF		14,500,000			
POTOMAC AND ANACOSTIA RIVERS, DC AND MD (DRIFT REMOVAL) (See District of Columbia)	N						
WICOMICO RIVER, MD	N	HMTF			-	4,400,000	4,400,000
YOUGHIOGHENY RIVER LAKE, PA and MD (See Pennsylvania)	E,F,R,W						
MASSACHUSETTS							
BARRE FALLS DAM, MA	E,F,R				688,000	10,000	698,000
BIRCH HILL DAM, MA	E,F,R				896,000	321,000	1,217,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
MASSACHUSETTS (continued)							
BOSTON HARBOR, MA	N			68,433,000			
BUFFUMVILLE LAKE, MA	E,F,R				727,000	279,000	1,006,000
CAPE COD CANAL, MA	E,R				1,917,000	95,000	2,012,000
CAPE COD CANAL, MA	N	HMTF			8,220,000	2,205,000	10,425,000
CHARLES RIVER NATURAL VALLEY STORAGE AREAS, MA	E,F,R				169,000	219,000	388,000
CHATHAM (STAGE) HARBOR, MA	N	HMTF			-	400,000	400,000
CONANT BROOK DAM, MA	E,F,R				447,000	33,000	480,000
EAST BRIMFIELD LAKE, MA	E,F,R				736,000	173,000	909,000
GREEN HARBOR, MA	N	HMTF			-	400,000	400,000
HODGES VILLAGE DAM, MA	E,F,R				763,000	201,000	964,000
KNIGHTVILLE DAM, MA	E,F,R				756,000	408,000	1,164,000
LITTLEVILLE LAKE, MA	E,F,R,W				822,000	946,000	1,768,000
NEW BEDFORD HURRICANE BARRIER, MA	F				432,000	589,000	1,021,000
PLYMOUTH HARBOR, MA	N	HMTF			-	100,000	100,000
TULLY LAKE, MA	E,F,R				936,000	387,000	1,323,000
WEST HILL DAM, MA	E,F,R				770,000	279,000	1,049,000
WESTVILLE LAKE, MA	E,F,R				722,000	139,000	861,000
MICHIGAN							
ALPENA HARBOR, MI	N	HMTF			5,000	-	5,000
BAY MILLS SHORELINE EROSION, MI 2/	F		45,000				
CHANNELS IN LAKE ST CLAIR, MI	N	HMTF			201,000	-	201,000
CHEBOYGAN HARBOR, MI	N	HMTF			6,000	-	6,000
DETROIT RIVER, MI	N	HMTF			1,242,000	5,986,000	7,228,000
GRAND HAVEN HARBOR AND GRAND RIVER, MI	N	HMTF			48,000	-	48,000
HOLLAND HARBOR, MI	N	HMTF			16,000	-	16,000
KEWEENAW WATERWAY, MI	E,R				10,000	-	10,000
KEWEENAW WATERWAY, MI	H	HMTF			113,000	850,000	963,000
LUDINGTON HARBOR, MI	H	HMTF			7,000	-	7,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
MICHIGAN (continued)							
MANISTEE HARBOR, MI	H	HMTF			11,000	-	11,000
MANISTIQUE HARBOR, MI	H	HMTF			7,000	-	7,000
MARQUETTE HARBOR, MI	H	HMTF			5,000	-	5,000
MENOMINEE HARBOR, MI and WI	H	HMTF			5,000	-	5,000
MONROE HARBOR, MI	H	HMTF			6,000	-	6,000
MUSKEGON HARBOR, MI	H	HMTF			10,000	-	10,000
ONTONAGON HARBOR, MI	H	HMTF			11,000	-	11,000
PRESQUE ISLE HARBOR, MI	H	HMTF			5,000	-	5,000
ROUGE RIVER, MI	H	HMTF			2,000	1,130,000	1,132,000
SAGINAW RIVER, MI	N	HMTF			427,000	2,630,000	3,057,000
SAULT STE. MARIE (REPLACEMENT LOCK), MI	N			123,220,000			
SEBEWAING RIVER, MI	F				38,000	99,000	137,000
ST. CLAIR RIVER, MI	N	HMTF			206,000	580,000	786,000
ST. JOSEPH HARBOR, MI	N	HMTF			17,000	-	17,000
ST. MARYS RIVER, MI	E,H,R				1,456,500	1,828,000	3,284,500
ST. MARYS RIVER, MI	N	HMTF			13,436,500	14,393,000	27,829,500
MINNESOTA							
BIGSTONE LAKE AND WHETSTONE RIVER, MN and SD	E,F				266,000	-	266,000
DULUTH-SUPERIOR HARBOR, MN and WI	E,R				358,000	-	358,000
DULUTH-SUPERIOR HARBOR, MN and WI	N	HMTF			1,085,000	4,015,000	5,100,000
LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	E,F,R				951,000	-	951,000
LAKE TRAVERSE, SD and MN (See South Dakota)	E,F,R						
MINNESOTA RIVER, MN	N	HMTF			-	260,000	260,000
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	E,N,R				29,082,000	56,470,000	85,552,000
ORWELL LAKE, MN	E,F,R				635,000	170,000	805,000
RED LAKE RESERVOIR, MN	E,F				333,000	6,000	339,000
RESERVOIRS AT HEADWATERS OF MISSISSIPPI RIVER, MN	E,F,R				3,588,000	778,000	4,366,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
MINNESOTA (continued)							
LOWER ST. ANTHONY FALLS, MISSISSIPPI RIVER, MN 1/ TWO HARBORS, MN	N	HMTF	186,000		16,000	-	16,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI (See Illinois)	E						
MISSISSIPPI							
BILOXI HARBOR, MS	N	HMTF			10,000	1,983,000	1,993,000
EAST FORK, TOMBIGBEE RIVER, MS	F				-	290,000	290,000
GULFPORT HARBOR, MS	N	HMTF			146,000	4,380,000	4,526,000
MOUTH OF YAZOO RIVER, MS	N	HMTF			30,000	-	30,000
OKATIBBEE LAKE, MS	E,F,R,W				1,664,000	588,000	2,252,000
PASCAGOULA HARBOR, MS	N	HMTF			230,000	6,057,000	6,287,000
PEARL RIVER, MS and LA	N				140,000	-	140,000
ROSEDALE HARBOR, MS	N	HMTF			35,000	-	35,000
TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL and MS (See Alabama)	N						
TENNESSEE - TOMBIGBEE WATERWAY (TTWW), AL and MS (See Alabama)	E,N,R						
YAZOO RIVER, MS	N	HMTF			20,000	-	20,000
MISSOURI							
CARUTHERSVILLE HARBOR, MO	N	HMTF			-	15,000	15,000
CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	E,F,H,N,R,W				4,427,000	2,621,000	7,048,000
CLEARWATER LAKE, MO	E,F,R				2,614,000	772,000	3,386,000
HARRY S. TRUMAN DAM AND RESERVOIR, MO	E,F,H,R,W				7,517,000	4,292,000	11,809,000
LITTLE BLUE RIVER LAKES, MO	E,F,R				961,000	1,436,000	2,397,000
LONG BRANCH LAKE, MO	E,F,R,W				777,000	184,000	961,000
MELVIN PRICE LOCK AND DAM (DEFICIENCY CORRECTION), IL AND MO (See Illinois)	N						
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO and IL	E,F,N,R				6,500,000	23,161,000	29,661,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
MISSOURI (continued)							
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE (See Iowa)	E,N						
NEW MADRID COUNTY HARBOR, MO	N	HMTF			-	10,000	10,000
NEW MADRID HARBOR, MO (MILE 889)	N	HMTF			-	15,000	15,000
POMME DE TERRE LAKE, MO	E,F,R,W				2,600,000	393,000	2,993,000
SMITHVILLE LAKE, MO	E,F,R,W				1,499,000	354,000	1,853,000
SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	N	HMTF			1,000	-	1,000
STOCKTON LAKE, MO	E,F,H,R,W				4,841,000	1,174,000	6,015,000
TABLE ROCK LAKE, MO and AR	E,F,H,R,W				6,942,000	3,325,000	10,267,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI (See Illinois)	E						
MONTANA							
FT PECK DAM AND LAKE, MT	E,F,H,N,R,W				4,906,000	402,000	5,308,000
LIBBY DAM, MT	E,F,R				1,425,000	364,000	1,789,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
NEBRASKA							
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE and SD	E,F,H,N,R,W				8,263,000	1,740,000	10,003,000
HARLAN COUNTY LAKE, NE	E,F,R				2,023,000	487,000	2,510,000
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA	F				72,000	35,000	107,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE (See Iowa)	E,N						
PAPILLION CREEK AND TRIBUTARIES LAKES, NE	E,F,R				692,000	126,000	818,000
SALT CREEK AND TRIBUTARIES, NE	E,F,R				962,000	197,000	1,159,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
NEVADA							
MARTIS CREEK LAKE, NV and CA	E,F,R				1,520,000	316,000	1,836,000
PINE AND MATHEWS CANYONS DAMS, NV	E,F				486,000	185,000	671,000
NEW HAMPSHIRE							
BLACKWATER DAM, NH	E,F,R				778,000	177,000	955,000
EDWARD MACDOWELL LAKE, NH	E,F,R				775,000	180,000	955,000
FRANKLIN FALLS DAM, NH	E,F,R				786,000	560,000	1,346,000
HOPKINTON-EVERETT LAKES, NH	E,F,R				1,763,000	980,000	2,743,000
OTTER BROOK LAKE, NH	E,F,R				841,000	173,000	1,014,000
SURRY MOUNTAIN LAKE, NH	E,F,R				907,000	1,066,000	1,973,000
NEW JERSEY							
BARNEGAT INLET, NJ	N	HMTF			9,000	-	9,000
COLD SPRING INLET, NJ	N	HMTF			400,000	12,900,000	13,300,000
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA and DE	N	HMTF			1,345,000	21,201,000	22,546,000
DELAWARE RIVER, PHILADELPHIA TO TRENTON, PA and NJ (See Pennsylvania)	N						
MANASQUAN RIVER, NJ	N	HMTF			2,000	-	2,000
NEW JERSEY INTRACOASTAL WATERWAY, NJ	N	HMTF			-	1,245,000	1,245,000
NEW YORK AND NEW JERSEY HARBOR, NY and NJ (See New York)	N						
NEW YORK HARBOR, NY and NJ (DRIFT REMOVAL) (See New York)	N						
NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	N	HMTF			75,000	13,200,000	13,275,000
PASSAIC RIVER FLOOD WARNING SYSTEMS, NJ	F				450,000	-	450,000
RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ	F			157,460,000			
SALEM RIVER, NJ	N	HMTF			100,000	-	100,000
SHARK RIVER, NJ	N	HMTF			-	1,100,000	1,100,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
NEW MEXICO							
ABIQUIU DAM, NM	E,F,R,W				2,347,000	1,044,000	3,391,000
COCHITI LAKE, NM	E,F,R				3,019,000	307,000	3,326,000
CONCHAS LAKE, NM	E,F,R				1,919,000	836,000	2,755,000
GALISTEO DAM, NM	E,F,R				563,000	126,000	689,000
JEMEZ CANYON DAM, NM	E,F				716,000	64,000	780,000
PUEBLOS OF ZIA WATERSHED ASSESSMENT, NM 2/	F		50,000				
SANTA ROSA DAM AND LAKE, NM	E,F,R				1,093,000	281,000	1,374,000
TWO RIVERS DAM, NM	E,F,R				870,000	270,000	1,140,000
UPPER RIO GRANDE WATER OPERATIONS MODEL, NM	F				835,000	110,000	945,000
NEW YORK							
ALMOND LAKE, NY	E,F,R				392,000	113,000	505,000
ARKPORT DAM, NY	E,F				267,000	79,000	346,000
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	N	HMTF			1,326,000	5,221,000	6,547,000
BUFFALO HARBOR, NY	N	HMTF			8,000	1,200,000	1,208,000
EAST SIDNEY LAKE, NY	E,F,R				890,000	163,000	1,053,000
FIRE ISLAND INLET TO JONES INLET, NY	N	HMTF			25,000	-	25,000
HUDSON RIVER, NY (MAINT)	N	HMTF			1,350,000	8,860,000	10,210,000
HUDSON RIVER, NY (O and C)	N	HMTF			2,250,000	700,000	2,950,000
MOUNT MORRIS DAM, NY	E,F,R				2,097,000	1,523,000	3,620,000
NEW YORK AND NEW JERSEY CHANNELS, NY	N	HMTF			50,000	13,450,000	13,500,000
NEW YORK AND NEW JERSEY HARBOR, NY and NJ	N	HMTF			-	18,300,000	18,300,000
NEW YORK HARBOR, NY	N	HMTF			2,425,000	5,000,000	7,425,000
NEW YORK HARBOR, NY and NJ (DRIFT REMOVAL)	N	HMTF			7,713,000	4,216,000	11,929,000
NEW YORK HARBOR, NY (PREVENTION OF OBSTRUCTIVE DEPOSITS)	N	HMTF			1,580,000	116,000	1,696,000
OSWEGO HARBOR, NY	N	HMTF			6,000	-	6,000
ROCHESTER HARBOR, NY	N	HMTF			100,000	1,200,000	1,300,000
SOUTHERN NEW YORK FLOOD CONTROL PROJECTS, NY	F				661,000	299,000	960,000
WHITNEY POINT LAKE, NY	E,F,R				980,000	187,000	1,167,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
NORTH CAROLINA							
AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC and VA (See Florida)	N						
ATLANTIC INTRACOASTAL WATERWAY (AIWW), NC	N				400,000	3,225,000	3,625,000
B. EVERETT JORDAN DAM AND LAKE, NC	E,F,R,W				1,752,000	794,000	2,546,000
CAPE FEAR LOCKS AND DAMS 1-3, NC 1/	N		110,000				
CAPE FEAR RIVER ABOVE WILMINGTON, NC	R				171,000	-	171,000
CAPE FEAR RIVER ABOVE WILMINGTON, NC	N	HMTF			120,000	205,000	325,000
FALLS LAKE, NC	E,F,R,W				1,608,000	1,383,000	2,991,000
JOHN H. KERR LAKE, VA and NC (See Virginia)	E,F,H,R,W						
MANTEO (SHALLOWBAG) BAY, NC	N	HMTF			756,000	530,000	1,286,000
MOREHEAD CITY HARBOR, NC	N	HMTF			725,000	6,330,000	7,055,000
NEW RIVER INLET, NC	N	HMTF			30,000	-	30,000
ROLLINSON CHANNEL, NC	N	HMTF			80,000	300,000	380,000
SILVER LAKE HARBOR, NC	N	HMTF			60,000	500,000	560,000
W. KERR SCOTT DAM AND RESERVOIR, NC	E,F,R,W				2,792,000	257,000	3,049,000
WILMINGTON HARBOR, NC	N	HMTF		6,600,000	960,000	14,120,000	15,080,000
NORTH DAKOTA							
BOWMAN HALEY LAKE, ND	E,F,R				240,000	-	240,000
GARRISON DAM, LAKE SAKAKAWEA, ND	E,F,H,N,R,W		2,000,000		13,238,000	2,067,000	15,305,000
HOMME LAKE, ND	E,F				292,000	-	292,000
LAKE ASHTABULA AND BALDHILL DAM, ND	E,F,R				1,447,000	105,000	1,552,000
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
PIPESTEM LAKE, ND	E,F,R			40,000,000	604,000	34,000	638,000
SOURIS RIVER, ND	F				387,000	-	387,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
OHIO							
ALUM CREEK LAKE, OH	E,F,R,W				1,369,000	562,000	1,931,000
ASHTABULA HARBOR, OH	N	HMTF			7,000	2,286,000	2,293,000
BERLIN LAKE, OH	E,F,R,W				2,562,000	616,000	3,178,000
BOLIVAR DAM (MAGNOLIA LEVEE), OH	F		3,000,000				
CAESAR CREEK LAKE, OH	E,F,R,W				1,764,000	486,000	2,250,000
CLARENCE J. BROWN DAM AND RESERVOIR, OH	E,F,R				1,363,000	202,000	1,565,000
CLEVELAND HARBOR, OH	N	HMTF			1,464,000	7,297,000	8,761,000
CONNEAUT HARBOR, OH	N	HMTF			5,000	906,000	911,000
DEER CREEK LAKE, OH	E,F,R				1,382,000	477,000	1,859,000
DELAWARE LAKE, OH	E,F,R				1,183,000	1,755,000	2,938,000
DILLON LAKE, OH	E,F,R				1,370,000	2,069,000	3,439,000
FAIRPORT HARBOR, OH	N	HMTF			7,000	-	7,000
HURON HARBOR, OH	N	HMTF			8,000	1,315,000	1,323,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH and WI (See Illinois)	E						
LORAIN HARBOR, OH	N	HMTF			8,000	-	8,000
MASSILLON LOCAL PROTECTION PROJECT, OH	F				233,000	72,000	305,000
MICHAEL J. KIRWAN DAM AND RESERVOIR, OH	E,F,R				1,434,000	310,000	1,744,000
MOSQUITO CREEK LAKE, OH	E,F,R,W				1,680,000	289,000	1,969,000
MUSKINGUM RIVER LAKES, OH	E,F,R				7,429,000	5,362,000	12,791,000
NORTH BRANCH KOKOSING RIVER LAKE, OH	E,F,R				459,000	182,000	641,000
OHIO-MISSISSIPPI FLOOD CONTROL, OH	F				1,482,000	-	1,482,000
OHIO RIVER LOCKS AND DAMS, KY, IL, IN and OH (See Kentucky)	E,N						
OHIO RIVER LOCKS AND DAMS, PA, OH and WV (See Pennsylvania)	N						
OHIO RIVER LOCKS AND DAMS, WV, KY and OH (See West Virginia)	E,N,R						
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV (See Kentucky)	N						
OHIO RIVER OPEN CHANNEL WORK, PA, OH and WV (See Pennsylvania)	N						

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
OHIO (continued)							
OHIO RIVER OPEN CHANNEL WORK, WV, KY and OH (See West Virginia)	N						
PAINT CREEK LAKE, OH	E,F,R,W				1,231,000	966,000	2,197,000
ROSEVILLE LOCAL PROTECTION PROJECT, OH	F				-	52,000	52,000
SANDUSKY HARBOR, OH	N	HMTF			12,000	1,053,000	1,065,000
TOLEDO HARBOR, OH	N	HMTF			828,000	4,910,000	5,738,000
TOM JENKINS DAM, OH	E,F,R,W				645,000	671,000	1,316,000
WEST FORK OF MILL CREEK LAKE, OH	E,F,R				802,000	181,000	983,000
WILLIAM H. HARSHA LAKE, OH	E,F,R,W				1,319,000	433,000	1,752,000
OKLAHOMA							
ARCADIA LAKE, OK	E,F,R,W				438,000	120,000	558,000
BIRCH LAKE, OK	E,F,R				726,000	129,000	855,000
BROKEN BOW LAKE, OK	E,F,H,R,W				2,062,000	612,000	2,674,000
CANTON LAKE, OK	E,F,R,W				1,879,000	268,000	2,147,000
COPAN LAKE, OK	E,F,R,W				1,089,000	504,000	1,593,000
EUFAULA LAKE, OK	E,F,H,N,R,W				5,470,000	794,000	6,264,000
FORT GIBSON LAKE, OK	E,F,H,R				4,178,000	895,000	5,073,000
FORT SUPPLY LAKE, OK	E,F,R				884,000	272,000	1,156,000
GREAT SALT PLAINS LAKE, OK	E,F,R				325,000	118,000	443,000
HEYBURN LAKE, OK	E,F,R,W				688,000	283,000	971,000
HUGO LAKE, OK	E,F,R,W				2,098,000	82,000	2,180,000
HULAH LAKE, OK	E,F,R,W				615,000	285,000	900,000
KAW LAKE, OK	E,F,R,W				1,926,000	449,000	2,375,000
KEYSTONE LAKE, OK	E,F,H,N,R,W		2,700,000		4,144,000	772,000	4,916,000
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	E,H,N,R				13,213,000	12,123,000	25,336,000
OOLOGAH LAKE, OK	E,F,R,W				2,168,000	673,000	2,841,000
OPTIMA LAKE, OK	F				56,000	4,000	60,000
PENSACOLA RESERVOIR, LAKE OF THE CHEROKEES, OK	F				150,000	3,000	153,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
OKLAHOMA (continued)							
PINE CREEK LAKE, OK	E,F,R,W				1,342,000	155,000	1,497,000
SARDIS LAKE, OK	E,F,R,W				1,250,000	209,000	1,459,000
SKIATOOK LAKE, OK	E,F,R,W				1,496,000	1,051,000	2,547,000
TENKILLER FERRY LAKE, OK	E,F,H,R,W				4,026,000	756,000	4,782,000
WAURIKA LAKE, OK	E,F,R,W				1,490,000	145,000	1,635,000
WISTER LAKE, OK	E,F,R,W				828,000	177,000	1,005,000
OREGON							
APPLEGATE LAKE, OR	E,F				1,174,000	217,000	1,391,000
BLUE RIVER LAKE, OR	E,F,R				1,033,000	313,000	1,346,000
BONNEVILLE LOCK AND DAM, OR and WA	E,R		1,500,000		1,854,000	35,000	1,889,000
BONNEVILLE LOCK AND DAM, OR and WA	N	HMTF			3,030,000	2,617,000	5,647,000
CHETCO RIVER, OR	N	HMTF			93,000	931,000	1,024,000
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA and PORTLAND, OR (See Washington)	N						
COLUMBIA RIVER AT THE MOUTH, OR and WA	N			119,003,000			
COLUMBIA RIVER AT THE MOUTH, OR and WA	N	HMTF			1,205,000	17,849,000	19,054,000
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR (See Washington)	N						
COLUMBIA RIVER FISH MITIGATION, WA, OR and ID (CRFM) (See Washington)	E,N						
COLUMBIA RIVER TREATY 2024 IMPLEMENTATION, OR	F		10,260,000				
COOS BAY, OR	N	HMTF			727,000	6,797,000	7,524,000
COQUILLE RIVER, OR	N	HMTF			78,000	485,000	563,000
COTTAGE GROVE LAKE, OR	E,F,R				1,197,000	1,082,000	2,279,000
COUGAR LAKE, OR	E,F,N,R,W		2,672,000		2,262,000	174,000	2,436,000
DEPOE BAY, OR	N	HMTF			51,000	-	51,000
DETROIT LAKE, OR	E,F,N,R,W				1,654,000	70,000	1,724,000
DORENA LAKE, OR	E,F,R,W				1,135,000	114,000	1,249,000
ELK CREEK LAKE, OR	E,F				132,000	223,000	355,000
FALL CREEK LAKE, OR	E,F,R				1,348,000	241,000	1,589,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
OREGON (continued)							
FERN RIDGE LAKE, OR	E,F,R				1,817,000	341,000	2,158,000
FOSTER LAKE, OR	E,F,N,R,W		2,000,000				
GREEN PETER LAKE, OR	E,F,N,R,W		2,000,000				
GREEN PETER - FOSTER LAKES, OR	E,F,N,R,W				2,184,000	322,000	2,506,000
HILLS CREEK LAKE, OR	E,F,N,R,W		2,400,000		1,343,000	82,000	1,425,000
JOHN DAY LOCK AND DAM, OR and WA	E,F,N,R				5,241,000	1,210,000	6,451,000
LOOKOUT POINT LAKE, OR	E,F,N,R,W		2,400,000		2,304,000	263,000	2,567,000
LOST CREEK LAKE, OR	E,F,R,W				4,254,000	288,000	4,542,000
MCNARY LOCK AND DAM, OR and WA	E,N,R				3,930,000	11,991,000	15,921,000
NEHALEM BAY, OR	N	HMTF			20,000	-	20,000
ROGUE RIVER AT GOLD BEACH, OR	N	HMTF			116,000	-	116,000
SIUSLAW RIVER, OR	N	HMTF			15,000	-	15,000
THE DALLES LOCK AND DAM, WA and OR (See Washington)	E,N,R						
UMPQUA RIVER, OR	N	HMTF			15,000	1,059,000	1,074,000
WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	N				65,000	-	65,000
WILLAMETTE RIVER BANK PROTECTION, OR	F				155,000	-	155,000
WILLOW CREEK LAKE, OR	E,F				783,000	-	783,000
YAQUINA BAY AND HARBOR, OR	N	HMTF			25,000	4,070,000	4,095,000
PENNSYLVANIA							
ALLEGHENY RIVER, PA	N				4,892,000	3,352,000	8,244,000
ALVIN R. BUSH DAM, PA	E,F,R				789,000	7,179,000	7,968,000
AYLESWORTH CREEK LAKE, PA	E,F,R				242,000	463,000	705,000
BELTZVILLE LAKE, PA	E,F				1,204,000	80,000	1,284,000
BLUE MARSH LAKE, PA	E,F,R				2,620,000	334,000	2,954,000
CONEMAUGH RIVER LAKE, PA	E,F,R				1,430,000	244,000	1,674,000
COWANESQUE LAKE, PA	E,F,R,W				1,865,000	392,000	2,257,000
CROOKED CREEK LAKE, PA	E,F,R				1,598,000	3,528,000	5,126,000
CURWENSVILLE LAKE, PA	E,F,R,W				952,000	263,000	1,215,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
PENNSYLVANIA (continued)							
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA and DE (See New Jersey)	N						
DELAWARE RIVER, PHILADELPHIA TO TRENTON, PA and NJ	N	HMTF			900,000	3,750,000	4,650,000
EAST BRANCH CLARION RIVER LAKE, PA	E,F,R				1,309,000	383,000	1,692,000
ERIE HARBOR, PA	N	HMTF			18,000	1,600,000	1,618,000
FOSTER J. SAYERS DAM, PA	E,F,R				872,000	477,000	1,349,000
FRANCIS E. WALTER DAM AND RESERVOIR, PA	E,F				795,000	115,000	910,000
GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	F			11,000,000	331,000	50,000	381,000
JOHNSTOWN, PA	F				76,000	2,033,000	2,109,000
KINZUA DAM AND ALLEGHENY RESERVOIR, PA	E,F,R				1,810,000	958,000	2,768,000
LOYALHANNA LAKE, PA	E,F,R				1,758,000	264,000	2,022,000
MAHONING CREEK LAKE, PA	E,F,R				1,286,000	405,000	1,691,000
MONONGAHELA RIVER, PA AND WV	N				11,695,000	6,455,000	18,150,000
OHIO RIVER LOCKS AND DAMS, PA, OH and WV	N				14,123,000	20,433,000	34,556,000
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV (See Kentucky)	N						
OHIO RIVER OPEN CHANNEL WORK, PA, OH and WV	N				-	826,000	826,000
PROMPTON LAKE, PA	E,F				519,000	40,000	559,000
PUNXSUTAWNEY, PA	F				46,000	75,000	121,000
RAYSTOWN LAKE, PA	E,F,R				4,261,000	3,863,000	8,124,000
SCHUYLKILL RIVER, PA	N	HMTF			100,000	-	100,000
SHENANGO RIVER LAKE, PA	E,F,R				2,634,000	538,000	3,172,000
STILLWATER LAKE, PA	E,F				371,000	152,000	523,000
TIOGA-HAMMOND LAKES, PA	E,F,R				2,943,000	2,463,000	5,406,000
TIONESTA LAKE, PA	E,F,R				2,213,000	3,418,000	5,631,000
UNION CITY LAKE, PA	E,F,R				622,000	103,000	725,000
WOODCOCK CREEK LAKE, PA	E,F,R				1,010,000	231,000	1,241,000
YORK INDIAN ROCK DAM, PA	E,F				678,000	563,000	1,241,000
YOUGHIOGHENY RIVER LAKE, PA and MD	E,F,R,W				2,324,000	545,000	2,869,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
PUERTO RICO							
SAN JUAN HARBOR, PR	N	HMTF			200,000	3,870,000	4,070,000
RHODE ISLAND							
FOX POINT HURRICANE BARRIER, RI	F				585,000	95,000	680,000
GREAT SALT POND, BLOCK ISLAND, RI	N	HMTF			-	350,000	350,000
WOONSOCKET LOCAL PROTECTION PROJECT, RI	F				491,000	105,000	596,000
SOUTH CAROLINA							
AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC and VA (See Florida)	N						
ATLANTIC INTRACOASTAL WATERWAY (AIWW), SC	N				-	100,000	100,000
CHARLESTON HARBOR, SC	N	HMTF			1,107,000	18,593,000	19,700,000
COOPER RIVER, CHARLESTON HARBOR, SC	N	HMTF			1,854,000	2,077,000	3,931,000
HARTWELL LAKE, GA and SC (See Georgia)	E,F,H,N,R,W						
J. STROM THURMOND (JST) DAM AND LAKE, GA and SC (See Georgia)	E,F,H,N,R,W						
RICHARD B. RUSSELL (RBR) DAM AND LAKE, GA and SC (See Georgia)	E,F,H,R,W						
SOUTH DAKOTA							
BIG BEND DAM AND LAKE SHARPE, SD	E,H,R,W				8,106,000	1,883,000	9,989,000
BIGSTONE LAKE AND WHETSTONE RIVER, MN and SD (See Minnesota)	E,F						
COLD BROOK LAKE, SD	E,F,R				325,000	147,000	472,000
COTTONWOOD SPRINGS LAKE, SD	E,F,R				226,000	3,000	229,000
FORT RANDALL DAM, LAKE FRANCIS CASE, SD	E,F,H,N,R,W				9,459,000	2,336,000	11,795,000
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE and SD (See Nebraska)	E,F,H,N,R,W						
LAKE TRAVERSE, SD and MN	E,F,R				640,000	-	640,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
SOUTH DAKOTA (continued)							
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD (See Iowa)	E,N						
OAHE DAM AND LAKE OAHE, SD	E,F,H,N,R,W				10,859,000	2,289,000	13,148,000
TENNESSEE							
BARKLEY DAM AND LAKE BARKLEY, KY and TN (See Kentucky)	E,F,H,N,R,W						
CENTER HILL LAKE, TN	E,F,H,R,W				6,475,000	1,290,000	7,765,000
CHEATHAM LOCK AND DAM, TN	E,H,N,R,W				6,533,000	6,169,000	12,702,000
CORDELL HULL DAM AND RESERVOIR, TN	E,H,N,R,W				6,520,000	1,463,000	7,983,000
DALE HOLLOW LAKE, TN	E,F,H,R,W				6,574,000	1,315,000	7,889,000
J. PERCY PRIEST DAM AND RESERVOIR, TN	E,F,H,R,W				5,027,000	499,000	5,526,000
NORTHWEST TENNESSEE REGIONAL HARBOR, TN	N	HMTF			-	15,000	15,000
OLD HICKORY LOCK AND DAM, TN	E,H,N,R,W				9,372,000	3,979,000	13,351,000
TENNESSEE RIVER, TN	N				18,499,000	3,881,000	22,380,000
WOLF RIVER HARBOR, TN	N	HMTF			-	655,000	655,000
TEXAS							
AQUILLA LAKE, TX	E,F,R,W				1,480,000	334,000	1,814,000
BARDWELL LAKE, TX	E,F,R,W				2,191,000	471,000	2,662,000
BELTON LAKE, TX	E,F,R,W				3,854,000	640,000	4,494,000
BENBROOK LAKE, TX	E,F,R,W		1,500,000		2,758,000	808,000	3,566,000
BRAZOS ISLAND HARBOR, TX	N	HMTF			325,000	2,675,000	3,000,000
BUFFALO BAYOU AND TRIBUTARIES, TX	F				3,118,000	315,000	3,433,000
CANYON LAKE, TX	E,F,R,W				3,285,000	612,000	3,897,000
CHANNEL TO HARLINGEN, TX	N	HMTF			50,000	1,050,000	1,100,000
CORPUS CHRISTI SHIP CHANNEL, TX	N	HMTF			600,000	4,000,000	4,600,000
CORPUS CHRISTI SHIP CHANNEL, TX (MAIN CHANNEL AND BARGE LANES)	N			100,366,000			
DENISON DAM, LAKE TEXOMA, TX	E,F,H,R,W				7,266,000	1,217,000	8,483,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
TEXAS (continued)							
ESTELLINE SPRINGS EXPERIMENTAL PROJECT, TX	E				29,000	10,000	39,000
FERRELLS BRIDGE DAM - LAKE O' THE PINES, TX	E,F,R,W				2,905,000	2,702,000	5,607,000
FREEPORT HARBOR, TX	N	HMTF			400,000	8,100,000	8,500,000
GALVESTON HARBOR AND CHANNEL, TX	N	HMTF			400,000	10,000,000	10,400,000
GIWW, CHANNEL TO VICTORIA, TX	N	HMTF			50,000	-	50,000
GULF INTRACOASTAL WATERWAY, CHOCOLATE BAYOU, TX	N	HMTF			50,000	-	50,000
GRANGER LAKE, TX	E,F,R,W				2,124,000	458,000	2,582,000
GRAPEVINE LAKE, TX	E,F,R,W				2,996,000	330,000	3,326,000
GULF INTRACOASTAL WATERWAY, TX	N				4,800,000	19,400,000	24,200,000
HORDS CREEK LAKE, TX	E,F,R				1,441,000	286,000	1,727,000
HOUSTON SHIP CHANNEL, TX	N	HMTF			1,300,000	21,000,000	22,300,000
JIM CHAPMAN LAKE, TX	E,F,R,W				1,275,000	632,000	1,907,000
JOE POOL LAKE, TX	E,F,R,W				1,455,000	1,023,000	2,478,000
LAKE KEMP, TX	F				315,000	35,000	350,000
LAVON LAKE, TX	E,F,R,W				3,067,000	616,000	3,683,000
LEWISVILLE DAM, TX	E,F,R,W				3,290,000	523,000	3,813,000
MATAGORDA SHIP CHANNEL, TX	N	HMTF			350,000	4,100,000	4,450,000
NAVARRO MILLS LAKE, TX	E,F,R,W				2,132,000	1,745,000	3,877,000
NORTH SAN GABRIEL DAM AND LAKE GEORGETOWN, TX	E,F,R,W				2,554,000	472,000	3,026,000
O. C. FISHER DAM AND LAKE, TX	E,F,R,W				1,275,000	411,000	1,686,000
PAT MAYSE LAKE, TX	E,F,R,W				1,236,000	15,000	1,251,000
PROCTOR LAKE, TX	E,F,R,W		3,000,000		2,044,000	323,000	2,367,000
RAY ROBERTS LAKE, TX	E,F,R,W				1,476,000	207,000	1,683,000
SABINE - NECHES WATERWAY, TX	N	HMTF			1,225,000	9,400,000	10,625,000
SAM RAYBURN DAM AND RESERVOIR, TX	E,F,H,R,W				5,542,000	5,126,000	10,668,000
SOMERVILLE LAKE, TX	E,F,R,W				2,984,000	554,000	3,538,000
STILLHOUSE HOLLOW DAM, TX	E,F,R,W				2,976,000	515,000	3,491,000
TEXAS CITY SHIP CHANNEL, TX	N	HMTF			350,000	-	350,000
TOWN BLUFF DAM, B. A. STEINHAGEN LAKE AND ROBERT DOUGLAS WILLIS HYDROPOWER PROJECT, TX	E,F,H,R				2,921,000	1,046,000	3,967,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
TEXAS (continued)							
WACO LAKE, TX	E,F,R,W				2,848,000	1,966,000	4,814,000
WALLISVILLE LAKE, TX	F				2,515,000	90,000	2,605,000
WHITNEY LAKE, TX	E,F,H,R,W				5,296,000	1,517,000	6,813,000
WRIGHT PATMAN DAM AND LAKE, TX	E,F,R,W				2,887,000	1,336,000	4,223,000
VERMONT							
BALL MOUNTAIN LAKE, VT	E,F,R				852,000	20,000	872,000
NORTH HARTLAND LAKE, VT	E,F,R				875,000	113,000	988,000
NORTH SPRINGFIELD LAKE, VT	E,F,R		1,500,000		817,000	145,000	962,000
TOWNSHEND LAKE, VT	E,F,R				819,000	149,000	968,000
UNION VILLAGE DAM, VT	E,F,R				742,000	113,000	855,000
VIRGINIA							
AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC and VA (See Florida)	N						
ATLANTIC INTRACOASTAL WATERWAY - ALBEMARLE CHESAPEAKE CANAL ROUTE, VA	N				-	685,000	685,000
ATLANTIC INTRACOASTAL WATERWAY - DISMAL SWAMP CANAL ROUTE, VA	F,N				1,065,000	197,000	1,262,000
GATHRIGHT DAM AND LAKE MOOMAW, VA	F				3,018,000	-	3,018,000
HAMPTON ROADS DRIFT REMOVAL, VA	N	HMTF			212,000	1,800,000	2,012,000
HAMPTON ROADS, PREVENTION OF OBSTRUCTIVE DEPOSITS, VA	N	HMTF			280,000	-	280,000
JAMES RIVER CHANNEL, VA	N	HMTF			-	420,000	420,000
JOHN H. KERR LAKE, VA and NC	E,F,H,R,W				7,130,000	3,743,000	10,873,000
JOHN W. FLANNAGAN DAM AND RESERVOIR, VA	E,F,R,W				1,868,000	655,000	2,523,000
NORFOLK HARBOR, VA	N	HMTF			340,000	12,820,000	13,160,000
NORTH FORK OF POUND RIVER LAKE, VA	E,F,R,W				753,000	211,000	964,000
PHILPOTT LAKE, VA	E,F,H,R,W				3,934,000	1,082,000	5,016,000
WATER AND ENVIRONMENTAL CERTIFICATIONS, VA	N	HMTF			-	175,000	175,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
WASHINGTON							
BONNEVILLE LOCK AND DAM, OR and WA (See Oregon)	E,N,R						
CHIEF JOSEPH DAM, WA	R				491,000	115,000	606,000
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA and PORTLAND, OR	N	HMTF			2,520,000	50,142,000	52,662,000
COLUMBIA RIVER AT BAKER BAY, WA	N	HMTF			-	906,000	906,000
COLUMBIA RIVER AT THE MOUTH, OR and WA (See Oregon)	N						
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	N	HMTF			95,000	906,000	1,001,000
COLUMBIA RIVER FISH MITIGATION, WA, OR and ID (CRFM)	E,N			15,377,000			
CRFM [COLUMBIA RIVER]	E			[11,677,000]			
CRFM [WILLAMETTE RIVER]	E			[3,700,000]			
EVERETT HARBOR AND SNOHOMISH RIVER, WA	N	HMTF			195,000	2,033,000	2,228,000
GRAYS HARBOR, WA	N	HMTF			1,066,000	10,723,000	11,789,000
HOWARD A. HANSON DAM, WA	E,F				3,318,000	641,000	3,959,000
ICE HARBOR LOCK AND DAM, WA	E,N,R				2,948,000	1,679,000	4,627,000
JOHN DAY LOCK AND DAM, OR and WA (See Oregon)	E,F,N,R						
LAKE WASHINGTON SHIP CANAL, WA	E,R				1,168,000	89,000	1,257,000
LAKE WASHINGTON SHIP CANAL, WA	N	HMTF			5,486,000	2,536,000	8,022,000
LITTLE GOOSE LOCK AND DAM, WA	E,N,R				1,222,000	1,465,000	2,687,000
LOWER GRANITE LOCK AND DAM, WA	E,N,R				1,905,000	1,553,000	3,458,000
LOWER MONUMENTAL LOCK AND DAM, WA	E,N,R				1,220,000	1,549,000	2,769,000
MCNARY LOCK AND DAM, OR and WA (See Oregon)	E,N,R						
MILL CREEK LAKE, WA	E,F,R				1,573,000	672,000	2,245,000
MOUNT ST. HELENS SEDIMENT CONTROL, WA	F				300,000	73,000	373,000
MUD MOUNTAIN DAM, WA	E,F,R				4,350,000	1,469,000	5,819,000
PUGET SOUND AND TRIBUTARY WATERS, WA	N	HMTF			1,070,000	-	1,070,000
PUGET SOUND NEARSHORE MARINE HABITAT RESTORATION, WA (DUCKABUSH RIVER ESTUARY)	E		2,563,000				
QUILLAYUTE RIVER, WA	N	HMTF			257,000	1,723,000	1,980,000
SEATTLE HARBOR, WA	N	HMTF			290,000	1,628,000	1,918,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
WASHINGTON (continued)							
STILLAGUAMISH RIVER, WA	F				202,000	97,000	299,000
TACOMA-PUYALLUP RIVER, WA	F				147,000	67,000	214,000
THE DALLES LOCK AND DAM, WA and OR	E,N,R				3,244,000	983,000	4,227,000
WEST VIRGINIA							
BEECH FORK LAKE, WV	E,F,R				1,304,000	367,000	1,671,000
BLUESTONE LAKE, WV	E,F,R				1,469,000	836,000	2,305,000
BURNSVILLE LAKE, WV	E,F,R				2,266,000	611,000	2,877,000
CUMBERLAND, MD AND RIDGELEY, WV (See Maryland)	F						
EAST LYNN LAKE, WV	E,F,R				2,261,000	399,000	2,660,000
ELKINS, WV	F				34,000	45,000	79,000
JENNINGS RANDOLPH LAKE, MD and WV (See Maryland)	E,F,R,W						
KANAWHA RIVER LOCKS AND DAMS, WV	E,N,R				7,111,000	3,871,000	10,982,000
MONONGAHELA RIVER, PA AND WV (See Pennsylvania)							
OHIO RIVER LOCKS AND DAMS, PA, OH and WV (See Pennsylvania)	N						
OHIO RIVER LOCKS AND DAMS, WV, KY and OH	E,N,R				14,538,000	22,470,000	37,008,000
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA and WV (See Kentucky)	N						
OHIO RIVER OPEN CHANNEL WORK, PA, OH and WV (See Pennsylvania)	N						
OHIO RIVER OPEN CHANNEL WORK, WV, KY and OH	N				672,000	1,932,000	2,604,000
R. D. BAILEY LAKE, WV	E,F,R				1,721,000	769,000	2,490,000
STONEWALL JACKSON LAKE, WV	E,F,R,W				1,373,000	368,000	1,741,000
SUMMERSVILLE LAKE, WV	E,F,R,W				2,025,000	1,233,000	3,258,000
SUTTON LAKE, WV	E,F,R				2,045,000	635,000	2,680,000
TYGART LAKE, WV	E,F,R,W				1,477,000	246,000	1,723,000

PROJECT	BUSINESS LINE	TRUST FUND	INVESTIGATIONS	CONSTRUCTION / HMTF / IWTF	OPERATION & MAINTENANCE / HMTF		
					OPERATION	MAINTENANCE	TOTAL
WISCONSIN							
DULUTH-SUPERIOR HARBOR, MN and WI (See Minnesota)	E,N,R						
EAU GALLE RIVER LAKE, WI	E,F,R				797,000	81,000	878,000
FOX RIVER, WI	E,F				2,676,000	668,000	3,344,000
GREEN BAY HARBOR, WI	N	HMTF			454,000	2,630,000	3,084,000
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH and WI (See Illinois)	E						
KEWAUNEE HARBOR, WI	N	HMTF			25,000	-	25,000
MANITOWOC HARBOR, WI	N	HMTF			80,000	-	80,000
MENOMINEE HARBOR, MI and WI (See Michigan)	N						
MILWAUKEE HARBOR, WI	N	HMTF			11,000	-	11,000
STURGEON BAY HARBOR AND LAKE MICHIGAN SHIP CANAL, WI	N,R				7,000	11,000	18,000
STURGEON BAY HARBOR AND LAKE MICHIGAN SHIP CANAL, WI	N	HMTF			16,000	1,500,000	1,516,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI (See Illinois)	E						
WYOMING							
JACKSON HOLE LEVEES, WY	F				160,000	842,000	1,002,000

PROJECT	BUSINESS LINE	TRUST FUND	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF		
				OPERATION	MAINTENANCE	TOTAL
<b>LOWER MISSISSIPPI RIVER MAIN STEM (LMRMS)</b>			<b>45,225,000</b>	<b>30,840,000</b>	<b>79,650,000</b>	<b>110,490,000</b>
LMRMS [Atchafalaya Basin, LA]	F,N			[8,355,000]	[4,955,000]	[13,310,000]
LMRMS [Atchafalaya Basin Floodway System, LA]	E,F,R		[300,000]	[862,000]	[655,000]	[1,517,000]
LMRMS [Bonnet Carre, LA]	E,F,R			[3,295,000]	[210,000]	[3,505,000]
LMRMS [Channel Improvement, Revetments, AR, IL, KY, LA, MS, MO and TN]	F		[15,425,000]	-	[59,250,000]	[59,250,000]
LMRMS [Channel Improvement - Dikes, AR, IL, KY, LA, MS, MO and TN]	N		[7,550,000]	-	[3,500,000]	[3,500,000]
LMRMS [Channel Improvement - Dredging, AR, IL, KY, LA, MS, MO and TN]	N			[8,450,000]	[2,500,000]	[10,950,000]
LMRMS [Mississippi River Levees, AR, IL, KY, LA, MS, MO and TN]	F		[21,950,000]	[2,552,000]	[7,525,000]	[10,077,000]
LMRMS [Old River, LA]	E,F,N,R			[7,326,000]	[1,055,000]	[8,381,000]
<b>ARKANSAS</b>						
HELENA HARBOR, PHILLIPS COUNTY, AR	N	HMTF		15,000	525,000	540,000
LOWER ARKANSAS RIVER, NORTH BANK, AR	F			41,000	184,000	225,000
LOWER ARKANSAS RIVER, SOUTH BANK, AR	F			122,000	176,000	298,000
ST. FRANCIS BASIN, AR and MO	F			2,090,000	8,971,000	11,061,000
TENSAS BASIN, BOEUF AND TENSAS RIVER, AR and LA	F			1,291,000		1,291,000
WHITE RIVER BACKWATER, AR	F			1,100,000	-	1,100,000
<b>LOUISIANA</b>						
BATON ROUGE HARBOR, DEVILS SWAMP, LA	N	HMTF		60,000	500,000	560,000
BAYOU COCODRIE AND TRIBUTARIES, LA	F			48,000	-	48,000
LOWER RED RIVER, SOUTH BANK LEVEES, LA	F			75,000	395,000	470,000
MISSISSIPPI DELTA REGION, LA	F			500,000	-	500,000
TENSAS BASIN, BOEUF AND TENSAS RIVER, AR and LA (See Arkansas)	F					
TENSAS BASIN, RED RIVER BACKWATER, LA	F			515,000	1,853,000	2,368,000

PROJECT	BUSINESS LINE	TRUST FUND	CONSTRUCTION	OPERATION & MAINTENANCE / HMTF		
				OPERATION	MAINTENANCE	TOTAL
<b>MISSISSIPPI</b>						
GREENVILLE HARBOR, MS	N	HMTF		30,000	900,000	930,000
VICKSBURG HARBOR, MS	N	HMTF		40,000	900,000	940,000
YAZOO BASIN, ARKABUTLA LAKE, MS	E,F,R			4,081,000	1,245,000	5,326,000
YAZOO BASIN, BIG SUNFLOWER RIVER, MS	F			126,000	20,000	146,000
YAZOO BASIN, ENID LAKE, MS	E,F,R			3,167,000	1,946,000	5,113,000
YAZOO BASIN, GREENWOOD, MS	F			680,000	300,000	980,000
YAZOO BASIN, GRENADA LAKE, MS	E,F,R			4,121,000	1,205,000	5,326,000
YAZOO BASIN, MAIN STEM, MS	F			613,000	280,000	893,000
YAZOO BASIN, SARDIS LAKE, MS	E,F,R			4,104,000	2,134,000	6,238,000
YAZOO BASIN, TRIBUTARIES, MS	F			256,000	165,000	421,000
YAZOO BASIN, WILL M. WHITTINGTON AUXILIARY CHANNEL, MS	F			119,000	159,000	278,000
YAZOO BASIN, YAZOO BACKWATER AREA, MS	F			425,000	-	425,000
YAZOO BASIN, YAZOO CITY, MS	F			60,000	304,000	364,000
<b>MISSOURI</b>						
ST. FRANCIS BASIN, AR and MO (See Arkansas)	F					
WAPPAPELLO LAKE, MO	E,F,R			3,433,000	1,072,000	4,505,000
<b>TENNESSEE</b>						
MEMPHIS HARBOR, MCKELLAR LAKE, TN	N	HMTF		38,000	2,125,000	2,163,000

# SUMMARY, INVESTIGATIONS

	BUSINESS LINE	BUDGET
<b><u>Studies Listed Under States:</u></b>		<b>52,465,000</b>
Disposition of Completed Projects 1/	N	[2,000,000]
Tribal Partnership Program 2/	E, F	[500,000]
 <b><u>Items Not Listed Under States:</u></b>		
Coordination with Other Water Resource Agencies 3/	E, F, N	350,000
Environmental Data Studies	E	80,000
FERC Licensing	E, F, N	100,000
Flood Damage Data	F	280,000
Flood Plain Management Services	F	15,000,000
Interagency Water Resources Development	E, F, N	100,000
International Water Studies	F	125,000
Inventory of Dams	F	400,000
National Flood Risk Management Program	F	5,000,000
Planning Assistance to States	F	5,000,000
Planning Support Program	E, F, N	3,500,000
Precipitation Studies	F	200,000
Research and Development	E, F, N	15,000,000
Special Investigations	E, F, N	1,000,000
Stream Gaging	F	550,000
Technology Application Programs	E, F, N	2,485,000
Transportation Systems	N	1,000,000
<b>Subtotal - Items Not Listed Under States</b>		<b>50,170,000</b>
 <b>Total - Investigations Appropriation</b>		<b>102,635,000</b> 4/

1/ These studies are funded in Disposition of Completed Projects.

2/ These studies are funded in the Tribal Partnership Program.

3/ Includes CALFED, Chesapeake Bay Program, Gulf of Mexico, Lake Tahoe, Pacific Northwest Case, Interagency and International Support, and National Shoreline Management Study.

4/ Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

## SUMMARY, CONSTRUCTION

BUSINESS LINE      BUDGET

**Projects Listed Under States:** **1,639,854,000**

**Items Not Listed Under States:**

Innovative Funding Partnerships 1/	F,N	250,000,000
WRRDA 2014, Section 1043 Non-Federal Construction of Federal Projects 2/	F,N	250,000,000

<b>Continuing Authorities Projects Not Requiring Specific Legislation:</b>		<b>3,000,000</b>
Aquatic Ecosystem Restoration (Section 206)	E	[1,000,000]
Small Flood Control Projects (Section 205)	F	[1,000,000]
Project Modifications for Improvement of the Environment (Section 1135)	E	[1,000,000]

<b>Dam Safety and Seepage/Stability Correction Program</b>	<b>F</b>	<b>13,000,000</b>
Issue Evaluation Studies	F	[13,000,000]

Employees Compensation	E, F, N, H	17,000,000
Inland Waterways Users Board - Board Expense	N	60,000
Inland Waterways Users Board - Corps Expense	N	275,000

**Subtotal - Items Not Listed Under States      533,335,000**

**Total - Construction Appropriation      2,173,189,000 <sup>3/</sup>**

1/Innovative Funding Partnerships: Funding will be used, in conjunction with funds voluntarily provided by non-Federal interests pursuant to 33 U.S.C. 701h and 33.U.S.C. 701h-1 in excess of the non-Federal sponsor's statutory cost share requirements, to accelerate the completion of construction of specifically authorized projects.

2/ WRRDA 2014 Section 1043 Non-Federal Construction of Federal Projects: Funding would be transferred to non-Federal sponsors who decide to construct a specifically authorized project on their own under Section 1043 of the Water Resources Reform and Development Act of 2014, as amended.

3/ Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

## SUMMARY, OPERATION AND MAINTENANCE

BUSINESS LINE BUDGET

**Total Listed Under States:**

**1,831,954,000**

**Project Allocations**  
**Items Not Listed Under States:**

Aquatic Nuisance Control Research	N	675,000
Asset Management/Facilities and Equipment Maintenance (FEM)	F, N, H	3,300,000
Civil Works Water Management System (CWMS)	F	8,000,000
Coastal Inlets Research Program	N	2,500,000
Coastal Ocean Data System (CODS)	F, N	2,250,000
Cultural Resources	E, F, N, H	900,000
Cybersecurity	F, N, H	4,000,000
Dredging Data And Lock Performance Monitoring System	N	1,120,000
Dredging Operations And Environmental Research (DOER)	N	5,250,000
Dredging Operations Technical Support Program (DOTS)	N	2,450,000
Earthquake Hazards Reduction Program	F	300,000
Fish & Wildlife Operating Fish Hatchery Reimbursement	F, H	5,400,000
Facility Protection	F	4,200,000
Inland Waterway Navigation Charts	N	4,350,000
Inspection Of Completed Federal Flood Control Projects	F	32,307,000
Inspection of Completed Works	F	18,000,000
Monitoring Of Completed Navigation Projects	N	3,800,000
National Coastal Mapping Program	N	5,000,000
National Dam Safety Program (Portfolio Risk Assessment)	F	10,500,000
National Emergency Preparedness Program (NEPP)	EM	5,000,000
National (Levee) Flood Inventory	F	4,500,000
National (Multiple Project) Natural Resources Management Activities	F, N, R	3,500,000
National Portfolio Assessment For Reallocations	W	500,000
Optimization Tools For Navigation	N	392,000
Performance-Based Budgeting Support Program	E, F, N, H	2,000,000
Recreation Management Support Program	R	1,450,000
Regional Sediment Management Program	N	3,500,000 1/
Review of Non-Federal Alterations of Civil Works Projects (Section 408)	F	9,000,000
Scheduling of Reservoir Operations	F	8,331,000
Stewardship Support Program	E	900,000

## SUMMARY, OPERATION AND MAINTENANCE (continued)

	BUSINESS LINE	BUDGET
Sustainable Rivers Program (SRP)	E	500,000
Veteran's Curation Program and Collections Management	E, F, N, H	5,500,000
Waterborne Commerce Statistics	N	4,670,000
Water Operations Technical Support (WOTS)	F	500,000
<b>Subtotal - Items Not Listed Under States</b>		<b>164,545,000</b>
<b>Total Operation and Maintenance Appropriation</b>		<b>1,996,499,000 2/</b>

1/ Includes Great Lakes Tributary Model

2/ Excludes work anticipated to be done on a reimbursable basis.

## SUMMARY, MISSISSIPPI RIVER AND TRIBUTARIES

	<b>BUSINESS LINE</b>	<b><u>BUDGET</u></b>
<b><u>Items Listed Under States:</u></b>		
Construction Project Allocations		45,225,000
Operation and Maintenance Project Allocations		157,866,000
		<b>203,091,000</b>
<b><u>Items Not Listed Under States:</u></b>		
<b>Subtotal - Items Listed Under States</b>		
Collection and Study of Basic Data (Investigations)	F	5,710,000
Mississippi River Commission (Construction)	F, N	90,000
Inspection of Completed Works, AR, IL, KY, LA, MS, MO and TN (Operation)	F	972,000
<b>Subtotal - Items Not Listed Under States</b>		<b>6,772,000</b>
<b>TOTAL - MISSISSIPPI RIVER AND TRIBUTARIES APPROPRIATION</b>		<b>209,863,000 1/</b>

1/ Excludes cash contributions from cost-sharing partners and contributions of 100% of the cost of certain other work.

## SUMMARY, HARBOR MAINTENANCE TRUST FUND

	BUSINESS LINE	<u>BUDGET</u>
<b><u>Total Listed Under States:</u></b>		
Construction	N	46,100,000
Mississippi River and Tributaries	N	5,133,000
Operation and Maintenance	N	858,200,000
<b>Subtotal - Items Listed Under States</b>		<b>909,433,000</b>
<b><u>Items Not Listed Under States:</u></b>		
<b>Construction:</b>		
Beneficial Uses of Dredged Material (Section 204, Continuing Authorities Program)	E	1,000,000
<b>Operation and Maintenance:</b>		
Dredge McFarland Ready Reserve	N	11,300,000
Dredge Wheeler Ready Reserve, LA	N	14,500,000
Emergency Response	N	50,000,000
Harbor Maintenance Fee Data Collection	N	795,000
Project Condition Surveys	N	21,417,000
Surveillance of Northern Boundary Waters	F	6,555,000
<b>Subtotal - Items Not Listed Under States</b>		<b>105,567,000</b>
<b>Total Harbor Maintenance Trust Fund Appropriation</b>		<b>1,015,000,000</b>

FY 2021 FUNDED FOR CONSTRUCTION - NAVIGATION PROJECTS			
RANKED BY RATIO OF BENEFIT COST (BCR)			
BCRs AND RATIOS OF NET BENEFITS TO TOTAL COSTS CALCULATED AT SEVEN PERCENT DISCOUNT RATE			
DIV	NAME	BCR	NET BENEFITS/ TOTAL COSTS
NAD	BOSTON HARBOR, MA	4.80	3.80
MVD	MISSISSIPPI RIVER SHIP CHANNEL, GULF TO BATON ROUGE, LA	4.50	3.50
SAD	SAVANNAH HARBOR EXPANSION, GA	3.60	2.60
SWD	CORPUS CHRISTI SHIP CHANNEL, TX (MAIN CHANNEL AND BARGE LANES)	2.67	1.67
LRD	SAULT STE MARIE (REPLACEMENT LOCK), MI	2.32	1.32
SAD	JACKSONVILLE HARBOR DEEPENING, FL	1.00	0.00
NWD	COLUMBIA RIVER AT THE MOUTH, OR and WA *	NA	NA
MVD	CALCASIEU RIVER AND PASS, LA	NA	NA
LRD	CALUMET HARBOR AND RIVER, IL and IN**	NA	NA
MVD	MEL PRICE LOCK AND DAM, IL & MO	NA	NA
NAD	POPLAR ISLAND, MD	NA	NA
SAD	WILMINGTON HARBOR, NC**	NA	NA

\* Significant risk to human safety - benefit to cost analysis not applicable

\*\*Dredged Material Disposal Facility

<b>FY 2021 FUNDED FOR CONSTRUCTION - FLOOD AND COASTAL STORM DAMAGE PROJECTS</b>			
<b>RANKED BY RATIO OF BENEFIT COST (BCR)</b>			
<b>BCRs AND RATIOS OF NET BENEFITS TO TOTAL COSTS CALCULATED AT SEVEN PERCENT DISCOUNT RATE</b>			
<b>DIV</b>	<b>NAME</b>	<b>BCR</b>	<b>NET BENEFITS/ TOTAL COSTS</b>
MVD	LOWER MISSISSIPPI RIVER MAIN STEM, AR, IL, KY, LA, MS,MO, and TN	10.50	9.50
SPD	AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	3.40	2.40
NAD	RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ *	NA	NA
NAD	GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA **	NA	NA
NWD	PIPESTEM LAKE, ND **	NA	NA
LRD	ROUGH RIVER, KY **	NA	NA
SPD	WHITTIER NARROWS, CA **	NA	NA

\* Significant risk to human safety - benefit cost analysis not applicable

\*\* Dam Safety Assurance, Seepage Control, and Static Instability Correction Projects - benefit cost analysis not applicable

**FY 2021 FUNDED FOR CONSTRUCTION - AQUATIC ECOSYSTEM RESTORATION PROJECTS**

<b>DIV</b>	<b>NAME</b>
NWD	COLUMBIA RIVER FISH MITIGATION - COLUMBIA RIVER, WA, OR and ID *
NWD	COLUMBIA RIVER FISH MITIGATION - WILLAMETTE RIVER, WA, OR and ID *
NWD	MISSOURI RIVER FISH and WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND, and SD *
SAD	SOUTH FLORIDA ECOSYSTEM RESTORATION, FL
MVD	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI

\* Legal, Mitigation and/or Environmental Requirements

## FY 2021 Construction Performance Guidelines

To qualify, a project must be authorized for construction; have an approved Chief's report, major rehabilitation report, or Dam Safety modification report; and, where applicable, successfully completed review under Executive Order 12322.

- **Project Purpose** – Ongoing construction projects, including those funded in the Inland Waterways Trust Fund, Harbor Maintenance Trust Fund, and Mississippi River and Tributaries accounts, are assigned based on their primary purpose to one of the three main mission areas of the Corps (flood and storm damage reduction, commercial navigation, and aquatic ecosystem restoration) or hydropower.
- **Projects funded to address dam safety assurance, seepage control, and static instability correction problems** – Projects that are funded for construction to address a dam safety action classification 1 concern will be funded to completion. Projects that are funded for construction to address a dam safety action classification 2 concern will receive the maximum level of funding that the Corps can efficiently and effectively spend each year.
- **Projects funded on the basis of their economic return** – Ongoing construction projects that are funded based on their economic return and have a benefit-to-cost ratio (BCR) of 2.5 -to-1 or higher, calculated at a 7-percent discount rate, are eligible for funding. Projects with a BCR below this threshold will not be funded unless they are eligible for funding under other criteria of these guidelines.
- **Projects funded on the basis of their environmental return** – Ongoing construction projects with high environmental returns that restore degraded ecosystem structure, function, and/or process to a more natural condition are eligible for funding.
- **Projects funded to address a significant risk to human safety** – Flood and storm damage reduction projects funded in the Budget last year to address a significant risk to human safety will receive sufficient funding to complete all features that address the principal source of the significant safety.
- **Mitigation or environmental requirements** – Mitigation work at ongoing construction projects, and work needed to comply with treaties or biological opinions, will be funded to meet those requirements.
- **Non-structural flood damage reduction projects** – Ongoing non-structural flood damage reduction projects will be eligible for funding if the project has a BCR of 1.0-to-1 or above, at a 7-percent discount rate.
- **Dredged Material Disposal Facilities (DMDF)** – Construction of DMDFs for high and moderate use segments of commercial deep-draft, shallow-draft, and inland waterways projects will be eligible for funding.
- **Project completions** – Ongoing projects that can complete all remaining construction work during the budget year or the following year may be funded at the level needed to complete that work if the project has a BCR of 1.0-to-1 or above, at a 7-percent discount rate.

## FY 2021 Operation and Maintenance Performance Guidelines

The Corps uses objective performance-based criteria to allocate operation and maintenance (O&M) funds to Corps projects. These criteria give priority to key infrastructure and consider the condition of the project and the potential consequences (e.g., economic, legal, environmental, and public safety impacts) if the O&M activity is not undertaken in the fiscal year. The criteria, with an explanation of how the Corps applies them, are provided below:

Each proposed O&M activity, including O&M activities funded in the Mississippi River and Tributaries and the Harbor Maintenance Trust Fund accounts, is assigned to these program areas: commercial navigation, flood and storm damage reduction, environment, recreation, hydropower, and water supply. For projects with multiple purposes, the separable activities are assigned to the program area that they serve. Joint activities (those shared by all business lines) are allocated among all program areas served by the project based upon a project-specific allocation formula.

- **Asset Management** – Rating criteria are used to determine the impact (e.g. financial, health and safety) of reduced availability. The results of condition (e.g., hydroAMP for the hydropower business line) and consequence evaluations lead to a risk level based on an established matrix for each program area. Cost-effectiveness measures are used to determine the lowest-cost solution to improve the overall reliability of the project. These specific performance measures incorporate both economic and public safety concerns, as well as residual risks, in project reliability determinations.
- **Economic Impacts** – O&M funding decisions are made using performance data to forecast the economic impact of the activity. Activities with higher returns on investment receive higher priority in the budget process. For example, the evaluation for commercial navigation includes the current and five-year average tonnage (coastal) and ton-miles (inland waterways), cost per ton and cost per segment ton-miles, as well as other factors such as support for subsistence harbors, harbors of refuge, commercial fishing, public transportation (passenger ferries), or for energy generation. For flood and storm damage reduction, it includes the risk of loss of life or property; for recreation, it includes the economic impacts of visitor attendance; for water supply, it includes the economic impacts of storage under contract, investment costs recovered, and revenues returned to the U.S. Treasury; and for hydropower, it includes the risk of equipment failure and loss of generation.
- **Public Safety** – Public safety is also a factor used in ranking O&M activities. A proposed work package is given greater consideration if its purpose is to reduce the risk of a project failure that could result in loss of life. For commercial navigation, other factors include whether the harbor is a critical harbor of refuge, supports a subsistence harbor, or supports other Federal requirements such as the U.S. Coast Guard search and rescue.
- **Environment and Stewardship Concerns** – O&M to address a significant environmental concern is evaluated on its environmental return (benefits-per-funding amount). Those O&M activities that are time-sensitive, involve management for sensitive species or habitat impacts, management of cultural resources, completions of Master Plans or reduce the relative risk of significant impacts, such as boundary encroachments and invasive species control, are given a higher consideration for funding.
- **Legal Requirements** – Projects with O&M-related legal requirements are also given a higher consideration for funding (e.g., projects with requirements to address Indian tribal rights or whose operation involves ongoing mitigation needs). Projects with authorized O&M work to mitigate the impact of Corps activities are funded in increments beginning with the minimum critical mitigation requirements followed by critical work packages based on the risks related to the potential loss of a species under the Endangered Species Act. Endangered Species Act and mitigation activities are budgeted under the business line for which the requirements were created.

HQDA

WASH DC 20310-0108

OFFICIAL BUSINESS

AN EQUAL OPPORTUNITY EMPLOYER