

1. Administrative Details

Proposal Name: Feasibility study of reauthorization of the project for navigation, Christiansted Harbor-St. Croix, U.S. Virgin Islands

by Agency: Virgin Islands Port Authority

Locations: VI

Date Submitted: 08/20/2018

Confirmation Number: cadb0860-86f2-4914-b48b-ded98663e6f5

Supporting Documents

File Name	Date Uploaded
DOC610.pdf	08/20/2018
Schooher Channel Exhibit - St. Croix.pdf	08/20/2018
c81s2ch188 highlighted.pdf	08/20/2018
WRDA1986.pdf	08/20/2018

2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.

Sponsor	Letter of Support
Virgin Islands Port Authority (“VIPA”) (Primary)	<p>Christiansted Harbor-St. Croix Harbor (“Harbor”) is a critical component of the USVI’s economic recovery plan to return the Territory to economic health following Hurricanes Irma and Maria and generate longer-term economic development. The Territory’s major economic contributor is its tourism industry. The Harbor is the port for Christiansted, a former capital of the Danish West Indies, the largest city on St. Croix, one of the oldest and most historic cities in the Caribbean, and a critical part of the island’s tourism. Much tourism in the West Indies is conducted on cruise ships, even the smallest of which are too large to enter the Harbor. Shipborne tourists can only land in Frederiksted, 16 miles and 30 minutes to the west. Most passengers who land at Frederiksted never reach Christiansted, depriving that city of a potentially large source of revenue. Schooner Channel in the Harbor needs to be dredged to deepen it, allowing small cruise ships to use Christiansted as a port-of-call, and bringing badly needed tourism dollars into the city. The only alternative is a “dogleg” channel, with two 90-degree turns, which cruise ships will not use in its current configuration and which, if modified for their use, would result in greater environmental damage. VIPA is the instrumentality of the Government of the USVI responsible for the development, improvement, and O&M of USVI ports. VIPA requests and supports re-federalization of the Schooner Channel portion of the Harbor that was de-authorized in 1986, to access federal resources to improve the Harbor’s ability to accommodate small cruise ships and compete in the fiercely competitive Caribbean port-of-call market, and to improve the safety and security of the Harbor for all surface vessels, which provide the lifeblood of the Territory’s economy. Based on discussions with Congressional staff, the first step in that process is to seek funding for a study of the feasibility of re-federalizing the Schooner Channel.</p>

3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.

[x] Feasibility Study

4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.

In the aftermath of Hurricanes Irma and Maria, the Government of the USVI (“GVI”) and VIPA considered how to use USACE funding to repair damage to the Harbor caused by those natural disasters (through, e.g., dredging of material deposited by the storms in the navigation channels, etc.), as well as for USACE O&M dredging (which will be needed every (approx.) 10 years due to shoaling). In discussions regarding another USVI harbor (the Charlotte Amalie harbor), USACE HQ indicated to Congressional staff that that formerly federally-authorized harbor would need to be re-authorized for the USACE to take over O&M dredging, and that a feasibility study for the O&M dredging appeared to be a necessary prerequisite to such re-authorization. If that is also the case for the Schooner Channel portion of the Christiansted Harbor-St. Croix Harbor that was de-authorized in WRDA 1986, then (without conceding whether a feasibility study is needed), VIPA and the GVI request that USACE conduct a feasibility study for O&M dredging for the Schooner Channel portion of the Harbor, which is a core mission of USACE and needed for the use and safety of the critically-needed port. The “Christiansted Harbor, St. Croix, Virgin Islands” project was authorized by Section 101 of the River and Harbor Act of 1950 (64 Stat. 167), P.L. 81-516 (attached) and described as follows: “Christiansted Harbor, Saint Croix, Virgin Islands; House Document Numbered 771, Eightieth Congress.” The project was partially de-authorized by WRDA 1986, § 1002 (see attached), described as follows: “The uncompleted portion of the project for navigation, Christiansted Harbor-St. Croix, Virgin Islands, authorized by the River and Harbor Act of 1950, which portion consists of an approach channel 25 feet and 300 feet wide from the Caribbean Sea to and including a turning basin 25 feet deep, approximately 600 feet wide, and 900 feet long.”

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	Non-Federal	Total
Study	\$85,000	\$0	\$85,000
Construction	\$400,000	\$0	\$400,000

Explanation (if necessary)

In recognition of the persistent economic challenges in the Insular Areas of the U.S., which include the USVI, the Insular Areas Act (48 U.S.C. § 1469a) authorizes that “any department or agency, in its discretion, may (i) waive any requirement for matching funds otherwise required by law to be provided by the Insular Area involved.” Accordingly, USACE should exercise its discretion and waive any local match requirement in this case. If the USACE declines to exercise that discretion and seeks a local non-federal match, the Government of the USVI (“GVI”) and/or VIPA, to the extent allowed by law, may direct a portion of the Community Development Block Grant - Disaster Recovery (CDBG-DR) Program funding from the United States Department of Housing and Urban Development (HUD) to pay for that local non-federal share. To the extent that CDBG-DR is not used to pay local non-federal share, VIPA and/or the GVI are willing to pay the local non-federal share of the feasibility study.

6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.

The cost savings realized from re-federalizing the channels could be used to fund much needed capital improvements to the Territory's marine facilities, which will enhance safety and provide better accommodations for vessels calling on the Territory. This will result in job growth opportunities, leading to a stronger, more resilient USVI economy. See also response to #2 above.

7. Does local support exist? If 'Yes', describe the local support for the proposal.

Yes

Local Support Description

VIPA is the instrumentality of the Government of the USVI (“GVI”) responsible for the development, improvement, operation, and maintenance of ports in the Territory. Its mandate is to promote the wise use of the se facilities for the betterment of the Virgin Islands and its people, to assist the GVI in fostering and sustaining sound economic development, and provide a safe and secure environment at its ports. VIPA requests and wholeheartedly supports re-federalization of the Harbor in order to access federal resources for maintenance dredging to improve the Harbor’s ability to accommodate small cruise ships and thereby compete in the fiercely competitive Caribbean port-of-call market, and to improve the safety and security of the Harbor and navigation for all surface vessels, which provide the lifeblood of the Territory’s economy.

8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?

Yes

Primary Sponsor Letter of Support

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DOC610.pdf



VIRGIN ISLANDS PORT AUTHORITY

POST OFFICE BOX 1134
CHRISTIANSTED, ST. CROIX 00821
TEL: (340) 778-1012 FAX: (340) 779-3020

Office of the Executive Director

August 19, 2018

Mr. Rickey Dale James
Assistant Secretary for Civil Works
Under Secretary of the Army
United States Department of the Army
108 Army Pentagon, Room 3E446
Washington, DC 20310-0108

Re: Request to Federalize the Territorial Navigational Channels for the St. Croix District

Dear Mr. James:

I write on behalf of the Virgin Islands Port Authority in support of the Government of the US Virgin Islands' proposal to the US Army CORPS to federalize the Territorial navigational channels for the Island of St. Croix and to maintain the associated NAVAIDs of same. We strongly support this application and the focus on reducing the related financial burden maintaining open waterways into and out of the US Virgin Islands vital to the economic strength and commerce of this community.

As the public Agency whose annualized prorated O & M cost is estimated at \$400K for the maintenance items, any financial relief in this area is best utilized in capitalized improvements to our marine facilities and harbors to provide better accommodation for vessels calling on the Territory. Such improvements directly affect the economic and employment opportunities of the US Virgin Islands. Though a semi-autonomous instrumentality of the GVI, VIPA is acutely aware of its "partnership" role in the GVI's quest to continually improve and maintain the local economy.

Through this letter, VIPA acknowledges its specific role and responsibilities in the fulfillment in this partnership. Should this proposal be approved and funded, VIPA is prepared to maintain its role in identifying those areas of jurisdiction that would require attention for the uninterrupted use of the public channels under this arrangement.

Mr. Rickey Dale James
Request to Federalize the Territorial Navigational Channels for the St. Croix District
Page 2 of 2

VIPA looks forward to working with your agency for the ongoing enhancement of the Territory's economic growth directly related to its commercial marine industry.

Sincerely,



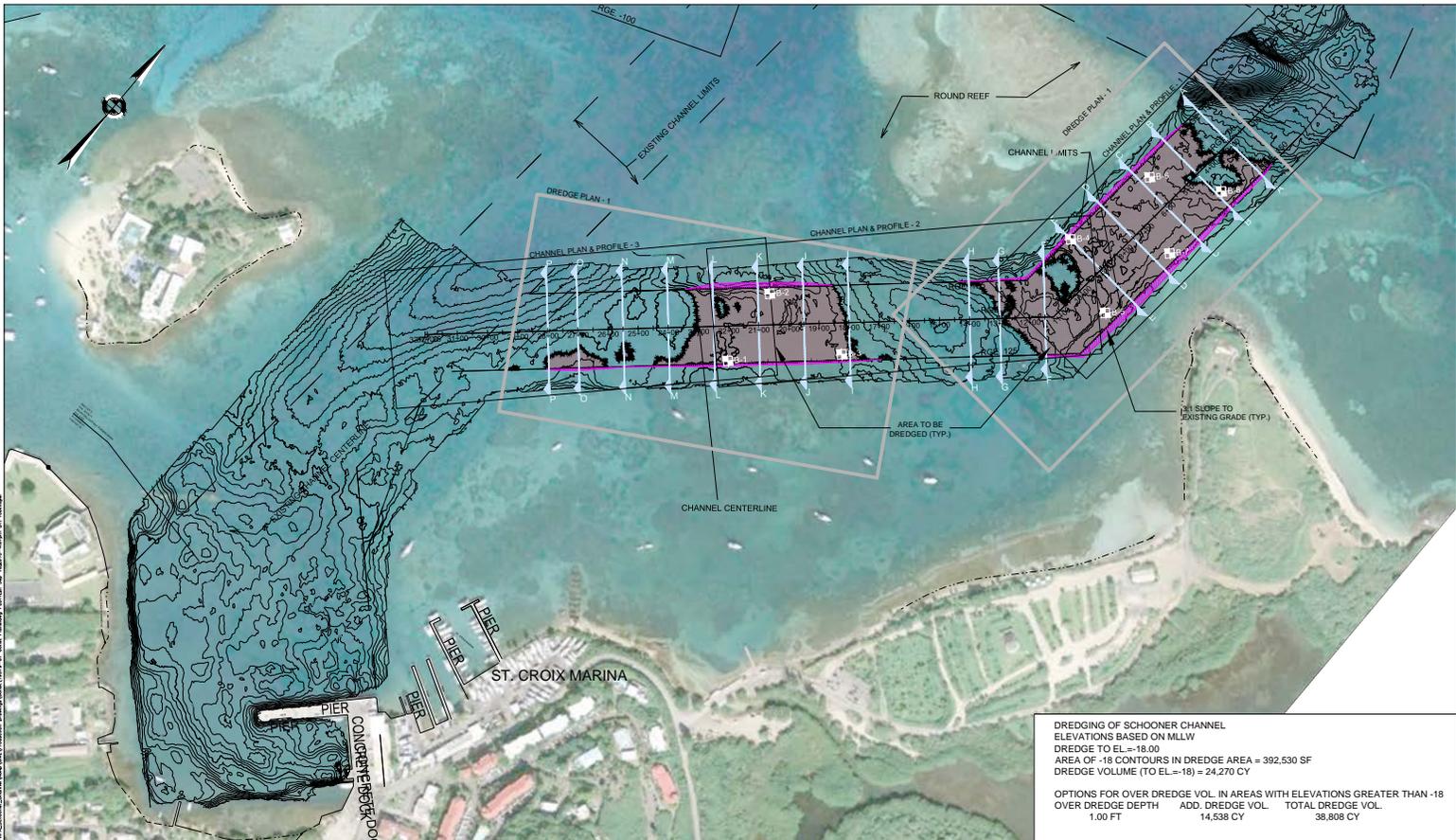
David W. Mapp Sr.
Executive Director

cc: Governor Kenneth E. Mapp
VIPA Governing Board

Map Document

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Schooher Channel Exhibit - St. Croix.pdf

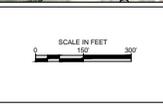


DREDGING OF SCHOONER CHANNEL
 ELEVATIONS BASED ON MLLW
 DREDGE TO EL = -18.00
 AREA OF -18 CONTOURS IN DREDGE AREA = 392,530 SF
 DREDGE VOLUME (TO EL = -18) = 24,270 CY

OPTIONS FOR OVER DREDGE VOL. IN AREAS WITH ELEVATIONS GREATER THAN -18
 OVER DREDGE DEPTH ADD. DREDGE VOL. TOTAL DREDGE VOL.
 1.00 FT 14,538 CY 38,808 CY

DRIVING FILE: S:\PROJECTS\15737-01\15737-01.dwg; User: jmaguire; Date: 9/18/2015 10:58:48 AM; Plot: 9/18/2015 10:58:48 AM

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING.



CDR Maguire Inc.
 1145 King Street, P.O. Box 223039
 Christiansburg, VA 24015
 540-690-0363
 www.cdrmaguire.com

MARK	DATE	DESCRIPTION	BY	APPD	SCALE

PROJECT NO.: 15737.01
 DESIGNED BY: RED
 DRAWN BY: RED
 CHKD BY: JAJ
 DATE: 9/18/2015

ST. CROIX, U.S.V.I.
 SCHOONER CHANNEL DREDGING PROJECT

OVERALL DREDGE PLAN

DRAWING NO.
C-101
 SHEET 4 OF 16

Additional Proposal Information

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SEC. 5. The provisions of this Act relating to the Army and the personnel and organizations thereof shall be equally applicable to the Air Force and the comparable personnel and organizations thereof.

Approved May 16, 1950.

Applicability to Air Force.

[CHAPTER 187]

JOINT RESOLUTION

To suspend the application of certain Federal laws with respect to attorneys employed by the special Senate committee in connection with the investigation ordered by S. Res. 202, Eighty-first Congress.

May 17, 1950
[S. J. Res. 176]
[Public Law 515]

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That service or employment of any person as an attorney on a temporary basis to assist the special Senate committee, or any duly authorized subcommittee thereof, in the investigation ordered by S. Res. 202, agreed to on May 3, 1950, shall not be considered as service or employment bringing such person within the provisions of sections 281, 283, or 284 of title 18 of the United States Code, or of any other Federal law imposing restrictions, requirements, or penalties in relation to the employment of persons, the performance of services, or the payment or receipt of compensation in connection with any claim, proceeding, or matter involving the United States.

Employment of attorneys by Senate committee.

62 Stat. 697, 698.
18 U. S. C., Sup. III,
§§ 281, 283, 284.

SEC. 2. Such special Senate committee is authorized to employ a chief counsel at a salary not to exceed \$17,500 per annum and an associate counsel at a salary not to exceed \$12,500, to be paid out of any funds available for the payment of the expenses of the committee.

Chief and associate counsels, compensation.

Approved May 17, 1950.

[CHAPTER 188]

AN ACT

Authorizing the construction, repair, and preservation of certain public works on rivers and harbors for navigation, flood control, and for other purposes.

May 17, 1950
[H. R. 5472]
[Public Law 516]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

TITLE I—RIVERS AND HARBORS

River and Harbor Act of 1950.

SEC. 101. That the following works of improvement of rivers and harbors and other waterways for navigation, flood control, and other purposes are hereby adopted and authorized to be prosecuted under the direction of the Secretary of the Army and supervision of the Chief of Engineers, in accordance with the plans and subject to the conditions recommended by the Chief of Engineers in the respective reports hereinafter designated: *Provided*, That the provisions of section 1 of the River and Harbor Act approved March 2, 1945 (Public, Numbered 14, Seventy-ninth Congress, first session), shall govern with respect to projects authorized in this title; and the procedures therein set forth with respect to plans, proposals, or reports for works of improvement for navigation or flood control and for irrigation and purposes incidental thereto, shall apply as if herein set forth in full:

59 Stat. 10.

Scarboro River, Maine, between Prouts Neck and Pine Point; House Document Numbered 69, Eighty-first Congress;

Maine.

Wood Island Harbor, Maine, and the Pool at Biddeford; House Document Numbered 49, Eighty-first Congress;

Winthrop Beach, Massachusetts, Beach Erosion Control; House Document Numbered 764, Eightieth Congress: *Provided*, That the work already accomplished in accordance with the plans set forth in said document shall be included in the work for which reimbursement shall be made, to the extent specified in the document;

Massachusetts.

- Mystic River, Massachusetts; House Document Numbered 645, Eightieth Congress;
- Connecticut. Mattapoisett Harbor, Massachusetts; House Document Numbered 664, Eightieth Congress;
- Stonington Harbor, Connecticut; House Document Numbered 667, Eightieth Congress;
- Eightmile River, Connecticut; House Document Numbered 666, Eightieth Congress;
- Ash Creek to Saugatuck River (area 1), Connecticut, beach erosion control; House Document Numbered 454, Eighty-first Congress;
- New York. Fire Island Inlet, New York; House Document Numbered 762, Eightieth Congress;
- East Chester Creek (Hutchinson River), New York; House Document Numbered 749, Eightieth Congress;
- Jamaica Bay, New York; House Document Numbered 665, Eightieth Congress;
- New York and New Jersey. Arthur Kill, New York and New Jersey; House Document Numbered 233, Eighty-first Congress;
- New Jersey. Sandy Hook Bay at Leonardo, New Jersey; House Document Numbered 108, Eighty-first Congress;
- Shrewsbury River, New Jersey; House Document Numbered 285, Eighty-first Congress;
- Delaware. Waterway from Indian River Inlet to Rehoboth Bay, Delaware; House Document Numbered 304, Eighty-first Congress;
- Maryland. Lake Ogleton and Walnut Lake, Anne Arundel County, Maryland; House Document Numbered 712, Eightieth Congress;
- Hellens Creek, Calvert County, Maryland; House Document Numbered 663, Eightieth Congress;
- Governors Run, Calvert County, Maryland; House Document Numbered 670, Eightieth Congress;
- Twitch Cove, Big Thoroughfare River, and Levering Creek, Maryland; House Document Numbered 340, Eighty-first Congress;
- Saint Patricks Creek, Maryland; House Document Numbered 671, Eightieth Congress;
- District of Columbia. Potomac River and tributaries at and below Washington, District of Columbia; Elimination of Waterchestnut; House Document Numbered 113, Eighty-first Congress;
- Virginia. Colonial Beach, Virginia; shore protection; House Document Numbered 333, Eighty-first Congress;
- Quinby Creek, Accomack County, Virginia; House Document Numbered 241, Eighty-first Congress;
- Kings Creek, Northampton County, Virginia; House Document Numbered 193, Eighty-first Congress;
- Rappahannock River at Bowlers Wharf, Essex County, Virginia; House Document Numbered 109, Eighty-first Congress;
- Davis Creek, Mathews County, Virginia; House Document Numbered 309, Eighty-first Congress;
- Winter Harbor, Mathews County, Virginia; House Document Numbered 319, Eighty-first Congress;
- James River, Virginia; House Document Numbered 191, Eighty-first Congress;
- North Carolina. Inland Waterway in the vicinity of Fairfield, North Carolina; House Document Numbered 723, Eightieth Congress;
- Far Creek, North Carolina; House Document Numbered 770, Eightieth Congress;
- Channel from Manteo to Oregon Inlet, North Carolina; House Document Numbered 310, Eighty-first Congress;
- Waterway from Pamlico Sound to Beaufort Harbor, North Carolina—Harbor Improvement at Marshallberg; House Document Numbered 68, Eighty-first Congress;

Taylors Creek, North Carolina; House Document Numbered 111, Eighty-first Congress;

Masonboro Inlet to ocean, North Carolina; House Document Numbered 341, Eighty-first Congress;

Cape Fear River at and below Wilmington, North Carolina; House Document Numbered 87, Eighty-first Congress;

Savannah River, Georgia and South Carolina; Senate Document Numbered 6, Eighty-first Congress;

Georgia and South Carolina.

Brunswick Harbor, Georgia; House Document Numbered 110, Eighty-first Congress;

Georgia.

Saint Marys River, Georgia and Florida, and North River, Georgia; House Document Numbered 680, Eightieth Congress;

Georgia and Florida.

Fernandina Harbor, Florida; House Document Numbered 662, Eightieth Congress;

Florida.

Saint Augustine Harbor and vicinity, Florida; House Document Numbered 133, Eighty-first Congress;

Palm Beach, Florida, Beach Erosion Control; House Document Numbered 772, Eightieth Congress: *Provided*, condition 2 recommended in the report shall not be applicable;

Lake Worth Inlet, Florida; House Document Numbered 704, Eightieth Congress: *Provided*, That the Secretary of the Army is hereby authorized to reimburse local interests for such work as they may have done upon this project, subsequent to July 1, 1949, insofar as the same shall be approved by the Chief of Engineers and found to have been done in accordance with the project modification hereby adopted: *Provided further*, That such payment shall not exceed the sum of \$305,000;

Charlotte Harbor, Florida; House Document Numbered 186, Eighty-first Congress;

Saint Petersburg Harbor, Florida; House Document Numbered 70, Eighty-first Congress;

Tampa Harbor, Florida; House Document Numbered 258, Eighty-first Congress;

Hudson River, Florida; House Document Numbered 287, Eighty-first Congress;

Channel and Turning Basin at Ozona, Florida; House Document Numbered 326, Eighty-first Congress;

Horseshoe Cove, Florida; House Document Numbered 106, Eighty-first Congress;

La Grange Bayou, Florida; House Document Numbered 190, Eighty-first Congress;

Gulf Intracoastal Waterway from Big Lagoon to Pensacola Bay, Florida; House Document Numbered 325, Eighty-first Congress;

Fly Creek, Fairhope, Alabama; House Document Numbered 194, Eighty-first Congress;

Alabama.

Pascagoula Harbor, Dog River Cut-off, Mississippi; House Document Numbered 188, Eighty-first Congress;

Mississippi.

Biloxi Harbor, Mississippi; House Document Numbered 256, Eighty-first Congress;

Ouachita River and tributaries, Arkansas and Louisiana; Senate Document Numbered 117, Eighty-first Congress; and there is hereby authorized to be appropriated the sum of \$21,300,000 for the initial and partial accomplishment of the project;

Arkansas and Louisiana.

Arkansas River and tributaries, Arkansas and Oklahoma; House Document Numbered 758, Seventy-ninth Congress, for the further partial accomplishment of the approved plan there is hereby authorized to be appropriated, in addition to all sums previously authorized, \$80,000,000;

Arkansas and Oklahoma.

Sabine-Neches Waterway, Texas, vicinity of Port Arthur Bridge; House Document Numbered 174, Eighty-first Congress;

Texas.

- Galveston Harbor and Channel, Texas (sea wall) ; House Document Numbered 173, Eighty-first Congress ;
- Gulf Intracoastal Waterway in South Galveston Bay, Texas ; House Document Numbered 196, Eighty-first Congress ;
- Chocolate and Bastrop Bayous, Texas ; House Document Numbered 768, Eightieth Congress ;
- Freeport Harbor, Texas ; House Document Numbered 195, Eighty-first Congress ;
- Little Bay, Texas ; House Document Numbered 114, Eighty-first Congress ;
- Trinity River at Dallas and Fort Worth, Texas ; House Document Numbered 242, Eighty-first Congress ;
- Brazos Island Harbor, Texas ; House Document Numbered 192, Eighty-first Congress ;
- Illinois. Mississippi River Boat Harbor opposite Hamburg, Illinois ; House Document Numbered 254, Eighty-first Congress ;
- Missouri. Mississippi River at Hannibal, Missouri ; House Document Numbered 67, Eighty-first Congress ;
- Iowa. Mississippi River at Davenport, Iowa ; House Document Numbered 642, Eightieth Congress ;
- Illinois. Mississippi River at Rock Island, Illinois ; House Document Numbered 257, Eighty-first Congress ;
- Iowa. Mississippi River at Muscatine, Iowa ; House Document Numbered 733, Eightieth Congress ;
- Mississippi River at Clinton, Iowa ; Senate Document Numbered 197, Eightieth Congress ;
- Wisconsin. Mississippi River at Prairie Du Chien, Wisconsin ; House Document Numbered 71, Eighty-first Congress ;
- Mississippi River at Alma, Wisconsin ; House Document Numbered 66, Eighty-first Congress ;
- Hudson Harbor, Saint Croix River, Wisconsin ; House Document Numbered 184, Eighty-first Congress ;
- Minnesota. Grand Marais Harbor, Minnesota ; House Document Numbered 187, Eighty-first Congress ;
- The project for the construction of a boat basin at Winona, Minnesota (House Document Numbered 263, Seventy-seventh Congress) authorized by the River and Harbor Act of March 2, 1945, is hereby modified so as to permit the construction of said boat basin at such other location at Winona or vicinity as the Chief of Engineers may deem advisable.
- 59 Stat. 10, 19.
- West Virginia and Pennsylvania. Monongahela River, West Virginia and Pennsylvania ; Senate Document Numbered 100, Eighty-first Congress ;
- Wisconsin. Bayfield Harbor, Wisconsin ; House Document Numbered 260, Eighty-first Congress ;
- Kenosha Harbor, Wisconsin ; House Document Numbered 750, Eightieth Congress ;
- Michigan. Manistique Harbor, Michigan ; House Document Numbered 721, Eightieth Congress ;
- Grand Marais Harbor, Michigan ; House Document Numbered 751, Eightieth Congress ;
- Cheboygan River and Harbor, Michigan ; House Document Numbered 269, Eighty-first Congress ;
- Detroit River, Michigan, Trenton Channel ; Senate Document Numbered 30, Eighty-first Congress ;
- Ohio. Toledo Harbor, Ohio ; House Document Numbered 189, Eighty-first Congress ;
- New York. Port Bay, New York ; House Document Numbered 293, Eighty-first Congress ;
- California. Redondo Beach Harbor, California ; House Document Numbered 303, Eighty-first Congress ;

San Francisco Harbor and Bay, California; House Document Numbered 286, Eighty-first Congress;

Redwood City Harbor (Redwood Creek), California; House Document Numbered 104, Eighty-first Congress;

San Joaquin River and Stockton Channel, California; House Document Numbered 752, Eightieth Congress;

Westport Slough, Oregon; House Document Numbered 134, Eighty-first Congress;

Columbia Slough, Oregon; House Document Numbered 270, Eighty-first Congress;

Baker Bay, Columbia River, Washington; Senate Document Numbered 95, Eighty-first Congress;

Columbia River at Umatilla, Oregon; House Document Numbered 531, Eighty-first Congress;

Kawaihae Harbor, Island of Hawaii, Territory of Hawaii; House Document Numbered 311, Eighty-first Congress;

Christiansted Harbor, Saint Croix, Virgin Islands; House Document Numbered 771, Eightieth Congress.

SEC. 102. That hereafter direct allotments from appropriations for the maintenance and improvement of existing river and harbor works, or from other available appropriations, may be made by the Secretary of the Army for the collection and removal of drift in Hampton Roads and the Harbors of Norfolk and Newport News, Virginia, and their tributary waters, and this work shall be carried out as a separate and distinct project.

SEC. 103. That section 6 of Public Law 525, Seventy-ninth Congress, second session, entitled "An Act authorizing construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes", be, and the same is hereby, amended by adding at the end of said section the following:

"Chief Joseph Dam on the Columbia River, Washington."

SEC. 104. (a) Authority is hereby granted to the State of Oregon, acting through its highway department, and to the Kentuck Inlet drainage district, organized under the laws of the State of Oregon, to construct, maintain, and operate at a point suitable to the interests of navigation, a dam and dike to prevent the flow of tidal waters into Kentuck Slough (Inlet) in Coos County, in township 25 south, range 13 west, Willamette meridian. Work shall not be commenced on such dam and dike until the plans therefor, including plans for all accessory works, are submitted to and approved by the Chief of Engineers and the Secretary of the Army, who may impose such conditions and stipulations as they deem necessary for the protection of the United States: *Provided*, That authority granted by this Act shall terminate if the actual construction of the dam and dike hereby authorized is not commenced within one year and completed within three years from the date of the passage of this Act.

(b) Authority is hereby granted to the State of Oregon, acting through its highway department, and to the County Court of Douglas County, Oregon, to construct, maintain, and operate at a point suitable to the interests of navigation, a dam and dike to prevent the flow of tidal waters into Otter Slough in Douglas County, in section 20, township 20 south, range 11 west, Willamette meridian. Work shall not be commenced on such dam and dike until the plans therefor, including plans for all accessory works, are submitted to and approved by the Chief of Engineers and the Secretary of the Army, who may impose such conditions and stipulations as they deem necessary for the protection of the United States: *Provided*, That authority granted by this Act shall terminate if the actual construction of the dam and dike hereby authorized is not commenced within one year and completed within three years from the date of the passage of this Act.

Oregon.

Washington.

Oregon.

Hawaii.

Virgin Islands.

Hampton Roads
and Norfolk and New-
port News harbors,
Va.

60 Stat. 637.

Chief Joseph Dam,
Wash.
Kentuck Inlet,
Oreg.

Otter Slough, Oreg.

Services of experts
or consultants.
46 Stat. 947.

63 Stat. 972, 954.
5 U. S. C., Sup. III,
§§ 1071-1153.
Post, pp. 232, 262,
1100.
Intracoastal Water-
way, Fla.

58 Stat. 10.
33 U. S. C. §§ 544b,
603a.
62 Stat. 1173.

Port Mansfield,
Tex.

59 Stat. 10.
33 U. S. C. §§ 544b,
603a.

Preliminary sur-
veys, etc.
Report to Congress.

37 Stat. 801; 46 Stat.
918; 49 Stat. 1028.
33 U. S. C. §§ 27a,
29a, 426, 465, 540 note,
546a, 558a, 569a, 570,
584a, 607a; 48 U. S. C.
§ 1399; 28 U. S. C.,
Sup. III, §§ 1497, 2501;
supra.
Transfer of U. S.
rights in bridges.

Preliminary exam-
inations and surveys,
authorization.

Supplemental re-
ports, restriction.

Adoption of project
by law.

SEC. 105. Section 6 of the Act of July 3, 1930 (33 U. S. C. 569a), is hereby amended to read as follows: The Chief of Engineers is authorized to procure the temporary or intermittent services of experts or consultants or organizations thereof in connection with civil functions of the Corps of Engineers without regard to the Classification Act as amended: *Provided*, That individuals so engaged shall not be paid in excess of \$100 per day for their services.

SEC. 106. That the proposed work of improvement of the Intra-coastal Waterway from the Caloosahatchee River to the Anclote River, Florida (House Document 371, Seventy-sixth Congress), as authorized by the River and Harbor Act of March 2, 1945, and modified by section 103 of the River and Harbor Act of 1948, is further modified to provide that in the Venice and the Lemon Bay (Florida) area, the Secretary of the Army, acting through the Chief of Engineers, is authorized to select and do the proposed work of improvement on such of the previously authorized routes or any other route as may be deemed feasible by the Chief of Engineers and approved by the Secretary of the Army.

SEC. 107. The portion of the Gulf Intracoastal Waterway between Apalachee Bay, Florida, and the Mexican border, consisting of a tributary channel in Red Fish Bay and a turning basin at Red Fish Landing, Texas, authorized in the River and Harbor Act of March 2, 1945, shall hereafter be known as Port Mansfield, Texas, and any law, regulation, document, or record of the United States in which such project is designated or referred to under the name of Red Fish Bay shall be held to refer to such project under and by the name of Port Mansfield.

SEC. 108. That the Secretary of the Army is authorized and directed to prepare and transmit to Congress at the earliest practicable date, a compilation of preliminary examination, survey, and review reports on river and harbor and flood-control improvements, similar to that prepared in accordance with the Act of March 4, 1913, revised in accordance with the Acts of July 3, 1930, and August 30, 1935, and printed in House Document Numbered 106, Seventy-sixth Congress, first session: *Provided*, That the report to be prepared in accordance with this provision shall be a revision of pages 1 to 369, inclusive, of that document, extended to June 30, 1950.

SEC. 109. That the Secretary of the Army is hereby authorized to transfer or convey to State authorities or political subdivisions thereof all right, title, and interest of the United States, in and to any and all bridges heretofore or hereafter constructed or acquired in connection with the improvement of canals, rivers and harbors, or works of flood control, together with the necessary lands, easements, or rights-of-way, upon such terms and conditions and with or without consideration, as may be determined to be in the best interest of the United States by the Chief of Engineers: *Provided*, That such transferred bridges shall be toll-free.

SEC. 110. The Secretary of the Army is hereby authorized and directed to cause preliminary examinations and surveys to be made at the following-named localities, the cost thereof to be paid from appropriations heretofore or hereafter made for such purposes: *Provided*, That no preliminary examination, survey, project, or estimate for new works other than those designated in this title or some prior Act or joint resolution shall be made: *Provided further*, That after the regular or formal reports made as required by law on any examination, survey, project, or work under way or proposed are submitted, no supplemental or additional report or estimate shall be made unless authorized by law: *Provided further*, That the Government shall not be deemed to have entered upon any project for the improvement of any waterway or harbor mentioned in this title until

the project for the proposed work shall have been adopted by law: *Provided further*, That reports of surveys on beach erosion and shore protection shall include an estimate of the public interests involved, and such plan of improvement as is found justified, together with the equitable distribution of costs in each case: *And provided further*, That this section shall not be construed to interfere with the performance of any duties vested in the Federal Power Commission under existing law:

Round Pond Harbor, Maine.
 Bass Harbor, Maine.
 Sesuit Harbor, Massachusetts.
 Gowanus Canal, Brooklyn, New York.
 New Creek, Staten Island, New York.
 Main channel, leading from Turkey Point to Havre de Grace, Harford County, Maryland.
 Havre de Grace, Maryland.
 Severn River, with particular reference to Ringgold Cove, Anne Arundel County, Maryland.
 Back River, Maryland.
 Apes Hole Creek, Somerset County, Maryland.
 Jules Creek, Virginia.
 Cubitt Creek, Virginia.
 Popes Creek, Virginia.
 McKanes Bay, Virginia.
 Pecks Creek, Virginia.
 Guilford Creek, Virginia.
 Chincoteague Bay, with a view to establishing a harbor of refuge at Chincoteague, Accomack County, Virginia.
 Topsail Inlet, North Carolina.
 Middle Creek, North Carolina.
 Philips Inlet, Florida.
 Waterway to connect Basin Bayou and Choctawhatchee Bay, Florida.
 Choctawhatchee Bay, Florida, small-boat channel at Bay Bridge.
 Boat basin and channel connecting Bayliss Memorial Wayside Park with the authorized channel in Pensacola Bay, Florida.
 Pensacola Bay, Florida, channel at Bayou Texar.
 To determine the feasibility of extending the channel at Carrabelle, Florida.
 Channel across Santa Rosa Island, Florida.
 Old Tampa Bay to vicinity of Booth Point, Florida.
 To determine the feasibility of providing a permanent channel from the Gulf of Mexico into Fort Myers Beach, Estero Island, Florida.
 Channel in Heron Bay, Alabama.
 Extension of the New Iberia Commercial Canal, Louisiana.
 Channels in Lake Minnetonka, Minnesota.
 Allegheny River and tributaries and Genesee River and tributaries, New York and Pennsylvania, with a view to providing a through waterway for barge navigation.
 San Francisco Bay, including San Pablo Bay, Suisun Bay, and other adjacent bays, and tributaries thereto, California.
 Seabeck Harbor, Hood Canal, Washington.
 Eagle Harbor, Washington.
 Hoonah Harbor, Alaska.
 Port Townsend, Washington.
 Kewalo Basin, Honolulu, Territory of Hawaii, including Ala Wai Yacht Basin.
 Harbor at Keauhou Bay, Hawaii.
 Coasts of the Hawaiian Islands with a view to the establishment of harbors for light draft vessels for refuge and other purposes.

Reports of surveys on beach erosion, etc.

Noninterference with duties of Federal Power Commission.

Maine.

Massachusetts.
 New York.

Maryland.

Virginia.

North Carolina.

Florida.

Alabama.

Louisiana.

Minnesota.

New York and Pennsylvania.

California.

Washington.

Alaska.

Washington.

Hawaii.

Employment of additional personnel.
59 Stat. 304.
5 U. S. C. § 947; Sup. III, § 947 notes.
Post, p. 843.

Short title.

Flood Control Act of 1950.

State, etc., cooperation.

49 Stat. 1571; 52 Stat. 1215.
33 U. S. C. §§ 701c and note, 701c-1; Sup. III, § 701c notes.

58 Stat. 887.
Procedures.

Report requirement.

42 Stat. 1042.
31 U. S. C. § 680.

Telephone services.

Projects authorized.

Preliminary work.

SEC. 111. Section 607 of the Federal Employees Pay Act of 1945, as amended, shall not be construed to prevent the employment of such additional personnel under the supervision of the Chief of Engineers as may be necessary to prosecute navigation and flood-control works herein or heretofore authorized.

SEC. 112. Title I may be cited as the "River and Harbor Act of 1950".

TITLE II—FLOOD CONTROL

SEC. 201. That section 3 of the Act approved June 22, 1936 (Public, Numbered 738, Seventy-fourth Congress), as amended by section 2 of the Act approved June 28, 1938 (Public, Numbered 761, Seventy-fifth Congress), shall apply to all works authorized in this title except that for any channel improvement or channel rectification project, provisions (a), (b), and (c) of section 3 of said Act of June 22, 1936, shall apply thereto, and except as otherwise provided by law: *Provided*, That the authorization for any flood-control project herein adopted requiring local cooperation shall expire five years from the date on which local interests are notified in writing by the Department of the Army of the requirements of local cooperation, unless said interests shall within said time furnish assurances satisfactory to the Secretary of the Army that the required cooperation will be furnished.

SEC. 202. The provisions of section 1 of the Act of December 22, 1944 (Public, Numbered 534, Seventy-eighth Congress, second session), shall govern with respect to projects authorized in this Act, and the procedures therein set forth with respect to plans, proposals, or reports for works of improvement for navigation or flood control and for irrigation and purposes incidental thereto shall apply as if herein set forth in full.

It is hereby declared to be the policy of the Congress that the following provisions shall be observed:

No project or any modification not authorized, of a project for flood control or rivers and harbors, shall be authorized by the Congress unless a report for such project or modification has been previously submitted by the Chief of Engineers, United States Army, in conformity with existing law.

SEC. 203. That section 7 of the Act approved September 22, 1922 (Public, Numbered 362, Sixty-seventh Congress), is amended to read as follows:

"That hereafter the provisions of section 7 of the Act of August 23, 1912, as amended (37 Stat. 414; 54 Stat. 175; 31 U. S. C. 679), or any other law, prohibiting the expenditure of public money for telephone services installed in private residences, shall not be construed to apply to or forbid the installation and use of such telephones as the Chief of Engineers may certify to be necessary for the prosecution of Government business and as the Secretary of the Army may authorize in connection with the construction and operation of locks and dams for navigation, flood control, and related water uses: *Provided*, That not more than \$30,000 shall be expended for such telephone services in any one fiscal year."

SEC. 204. The following works of improvement for the benefit of navigation and the control of destructive floodwaters and other purposes are hereby adopted and authorized to be prosecuted under the direction of the Secretary of the Army and the supervision of the Chief of Engineers in accordance with the plans in the respective reports hereinafter designated and subject to the conditions set forth therein: *Provided*, That the necessary plans, specifications, and preliminary work may be prosecuted on any project authorized in this title with funds from appropriations heretofore or hereafter made

for flood control so as to be ready for rapid inauguration of a construction program: *Provided further*, That the projects authorized herein shall be initiated as expeditiously and prosecuted as vigorously as may be consistent with budgetary requirements: *And provided further*, That penstocks and other similar facilities adapted to possible future use in the development of hydroelectric power shall be installed in any dam authorized in this Act for construction by the Department of the Army when approved by the Secretary of the Army on the recommendation of the Chief of Engineers and the Federal Power Commission:

Installation of penstocks, etc.

CONNECTICUT RIVER BASIN

The project for flood control at Hartford, Connecticut, authorized by the Flood Control Act approved June 28, 1938, as amended by the Flood Control Act of August 18, 1941, and the Act of October 26, 1942, is hereby further amended to include the Folly Brook dike and conduit, consisting of approximately one thousand nine hundred linear feet of pressure conduit and seven hundred feet of earth dike, at an estimated cost of \$239,000, in accordance with plans on file in the Office, Chief of Engineers: *Provided*, That the provisions of local cooperation applicable to the Hartford, Connecticut, project heretofore authorized, as amended, are applicable to this modification at an estimated cost to local interests of \$150,000.

Hartford, Conn.
52 Stat. 1216.
55 Stat. 639; 56 Stat. 987.

LACKAWAXEN RIVER BASIN

In addition to previous authorizations, there is hereby authorized the completion of the plan for flood protection in the Lackawaxen River Basin, Pennsylvania, authorized by the Flood Control Act of June 30, 1948, at an estimated cost of \$6,000,000.

62 Stat. 1176.

SUSQUEHANNA RIVER BASIN

The project for local flood protection at Corning, New York, authorized by the Flood Control Act approved June 22, 1936, is hereby modified to provide for flood protection on Monkey Run in accordance with the recommendations of the Chief of Engineers in House Document Numbered 305, Eighty-first Congress, first session, at an estimated cost of \$2,370,000.

Corning, N. Y.
49 Stat. 1573.

POTOMAC RIVER BASIN

The project for flood protection, navigation, and other purposes on the Anacostia River, District of Columbia and Maryland, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 202, Eighty-first Congress, first session, at an estimated cost of \$4,531,200.

Anacostia River,
D. C. and Md.

PASQUOTANK RIVER BASIN

The project for flood control in the Pasquotank River Basin, North Carolina, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 306, Eighty-first Congress, at an estimated cost of \$110,000.

SAVANNAH RIVER BASIN

There is hereby authorized to be appropriated the sum of \$50,000,000 for the construction of the Hartwell project in the general plan for the comprehensive development of the Savannah River Basin, approved in the Act of December 22, 1944, in addition to the authorization for project construction in the Act of December 22, 1944.

Hartwell project.

58 Stat. 894.

CENTRAL AND SOUTHERN FLORIDA

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$20,000,000 for the prosecution of the first phase of the comprehensive plan for flood control and other purposes in Central and Southern Florida approved in the Act of June 30, 1948.

62 Stat. 1176.

LOWER MISSISSIPPI RIVER

The project for flood control and improvement of the Lower Mississippi River, adopted by the Act of May 15, 1928, as amended, is hereby modified and expanded to include the following items of work and the authorization for said project is increased accordingly:

45 Stat. 534.
33 U. S. C. §§ 702a-702m, 704.

Tensas-Cocodrie area.
55 Stat. 642.
33 U. S. C. §§ 702a-12 (c).
Saint Francis River Basin, Mo. and Ark.

(a) Paragraph (c), under the title "Lower Mississippi River" in section 3 of the Act approved August 18, 1941, is hereby amended by striking out "\$14,000,000" and substituting in lieu thereof "\$29,000,000".

(b) The plan for flood protection and major drainage improvement in the Saint Francis River Basin, Missouri and Arkansas, substantially in accordance with the report of the Chief of Engineers in House Document Numbered 132, Eighty-first Congress, first session, and there is authorized to be appropriated the sum of \$20,000,000 for partial accomplishment of that plan.

Local cooperation.

(c) Modification of the authorized project to provide that local cooperation to be hereafter furnished in connection with works authorized by subparagraphs (a), (b), (c), (d), and (e) under the subtitle "Lower Mississippi River" in section 10 of the Act approved July 24, 1946, shall consist of the requirement that responsible local interests agree to maintain works in accordance with the provisions of section 3 of the Act of May 15, 1928.

60 Stat. 645.

45 Stat. 535.
33 U. S. C. § 702c.
Cache River Basin, Ark. and Mo.

(d) The plan for flood protection and related purposes in the Cache River Basin, Arkansas and Missouri, substantially in accordance with the report of the Chief of Engineers in Senate Document Numbered 88, Eighty-first Congress, first session, and there is authorized to be appropriated the sum of \$10,000,000 for partial accomplishment of that plan.

Parish of Orleans, La.
45 Stat. 534.
33 U. S. C. §§ 702a-702m, 704.

(e) The flood-control improvements substantially as contemplated by the Flood Control Act of May 15, 1928, as amended, are hereby extended to include such improvements in the Parish of Orleans, Louisiana: *Provided*, That the jurisdiction over completed improvements now exercised by the State of Louisiana, through the Board of Levee Commissioners of the Orleans Levee District, shall continue.

Lake Providence, La.

(f) The plan for filling Grant's Canal, extending from the Mississippi River levee to Hood Street in the northeastern section of the town of Lake Providence, Louisiana, to an elevation of ninety-four feet above sea level, at an estimated cost of \$11,000: *Provided*, That local interests provide necessary rights-of-way for borrow and construction purposes, and relocate all utilities without cost to the United States, and hold and save the United States free from damages due to the construction works.

Des Arc, Ark.

(g) The project for flood protection at Des Arc, Arkansas, substantially in accordance with the report of the Chief of Engineers in House Document Numbered 485, Eighty-first Congress, at an estimated cost of \$228,000, in addition to presently authorized work.

Emergency fund.

49 Stat. 1511.
33 U. S. C. § 702g-1.

The additional sum of \$5,000,000 is authorized to be appropriated as an emergency fund for the purposes set forth in section 9 of Public Law Numbered 678, Seventy-fourth Congress, approved June 15, 1936.

Lake Ponchartrain, La.
60 Stat. 647.

The project for Lake Ponchartrain, Louisiana, authorized in the Flood Control Act of 1946, is hereby modified to provide for levee strengthening and interior drainage at a total estimated cost of

\$6,900,000 substantially in accordance with the report of the Chief of Engineers dated February 28, 1949, and provided that in lieu of the local cooperation recommended in said report of the Chief of Engineers, local interests shall (a) provide free of cost to the United States all lands, easements, and rights-of-way necessary for the improvement, (b) contribute 25 per centum of the cost of the construction work either in cash or in performance of work, (c) hold and save the United States free from damages due to the improvement, and (d) furnish assurances satisfactory to the Secretary of the Army that they can and will alter bridges and rehabilitate and improve existing facilities, including drainage canals and pumping plants as required, prevent the erection of structures on the embankment or rights-of-way therefor except as may be approved by the Chief of Engineers, and maintain and operate all the works after completion.

The project for emergency bank protection work on the Amite River, Louisiana, is hereby authorized in accordance with plans on file in the Office, Chief of Engineers, at an estimated cost of \$50,000.

Amite River, La.

In addition to the above items and in order to provide for the increased costs of construction of the previously authorized project for the lower Mississippi River, the authorization for flood control and improvement of the lower Mississippi River is hereby increased by an additional \$200,000,000.

Additional funds authorized.

The Secretary of the Army is hereby authorized, should he deem it to be in the interest of the United States, to transfer, without reimbursement, to the Mississippi State Highway Commission all rights, title, and interest of the United States in and to the improvements, including all bridges and culverts, constructed under, over, and upon a certain access road designated as "Construction Road, Sardis Dam Site", extending from Old Highway Numbered 51 in the vicinity of Belmont Bridge to the site of the Sardis Dam and Reservoir, Mississippi: *Provided*, That the Mississippi State Highway Commission will agree to accept, operate, and maintain the said road as part of the State highway system for the benefit of the general public. The Secretary of the Army is further authorized to relinquish without reimbursement therefor, and on such conditions as he shall deem necessary, all the right, title, and interest of the United States in and to the existing easements in favor of the Government, in, over, and upon the above-mentioned road.

Construction Road,
Sardis Dam Site.

RED-OUACHITA RIVER BASIN

The project for flood protection at Calion, Arkansas, authorized by the Act of August 18, 1941, in accordance with the recommendations of the Chief of Engineers in House Document Numbered 427, Seventy-sixth Congress, first session, is hereby modified to include additional improvements at Calion, Arkansas, in accordance with plans on file in the office of the Chief of Engineers, at an estimated cost of \$430,000.

Calion, Ark.
55 Stat. 644.

GREAT LAKES BASIN

The project for flood protection along the Genesee River at Caledonia and Wellsville, New York, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 232, Eighty-first Congress, first session, at an estimated cost of \$609,000.

Caledonia and
Wellsville, N. Y.

ARKANSAS RIVER BASIN

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$15,000,000 for the prosecution of the comprehensive plan for the Arkansas River Basin, approved in the

- 52 Stat. 1218. Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress.
- Optima Reservoir. The Chief of Engineers is authorized to so design, construct, and operate the Optima Reservoir, authorized by the Flood Control Act of 1936, as amended and supplemented, that, taken with the existing Fort Supply and Canton Reservoirs, there will remain available at all times to the maximum practicable extent, conservation storage capacity in the Canton Reservoir as authorized by existing law.
- 49 Stat. 1577. The general comprehensive plan for flood control and other purposes for the Arkansas River Basin, approved by the Act of June 28, 1938, as amended, and the multiple-purpose plan for the Arkansas River and tributaries, Arkansas and Oklahoma, approved by the River and Harbor Act of July 24, 1946, are hereby modified by the substitution of the Keystone Reservoir on the Arkansas River for the Mannford Reservoir on the Cimarron River, and by the deletion of the Blackburn and Taft Reservoirs on the Arkansas River, all in accordance with the recommendations of the Chief of Engineers in Senate Document Numbered 107, Eighty-first Congress, first session, at an additional estimated cost of \$37,273,000, and the authorization for appropriation for the said general comprehensive plan is hereby increased accordingly.
- Keystone, Mannford, Blackburn, and Taft Reservoirs. 52 Stat. 1218.
- 60 Stat. 635. The project for flood protection at Oklahoma City, Oklahoma, on the North Canadian River, authorized by the Flood Control Act approved July 24, 1946, in accordance with House Document Numbered 572, Seventy-ninth Congress, is hereby amended to provide for construction of the canal plan as presently proposed by the Chief of Engineers, at an estimated cost to the United States of \$10,460,000.
- Oklahoma City, Okla. 60 Stat. 648.
- Pueblo, Colo. The project for flood protection along the Arkansas River at Pueblo, Colorado, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 327, Eighty-first Congress, first session, at an estimated cost of \$209,000.
- Grand (Neosho) River. The project for flood control and other purposes on the Grand (Neosho) River and its tributaries, Oklahoma, Kansas, Missouri, and Arkansas, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 442, Eightieth Congress, second session, at an estimated cost of \$36,220,000.
- Grand Prairie Region and Bayou Meto Basin, Ark. The project for Grand Prairie Region and Bayou Meto Basin, Arkansas, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 255, Eighty-first Congress, first session, and there is authorized to be appropriated the sum of \$6,000,000 for partial accomplishment of the work: *Provided*, That the project will be constructed with such modifications as in the discretion of the Secretary of the Army and the Chief of Engineers may be advisable: *Provided further*, That payments made by local interests to the United States shall not be made in agricultural products, but shall be made in cash.

WHITE RIVER BASIN

- 52 Stat. 1218. In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$35,000,000 for the prosecution of the comprehensive plan for the White River Basin, approved in the Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress.

UPPER MISSISSIPPI RIVER BASIN

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$15,000,000 for the prosecution of the comprehensive plan for the upper Mississippi River Basin, approved

in the Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress.

The project for flood protection at Beardstown, Illinois, including modification of the existing Lost Creek, South Beardstown, and Valley Drainage and Levee Districts projects, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 332, Eighty-first Congress, at an estimated cost of \$2,976,000.

The project for flood protection on the Mississippi River at Canton, Missouri, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 107, Eighty-first Congress, first session, at an estimated cost of \$1,086,000.

The project for flood protection at Cape Girardeau, Missouri, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 204, Eighty-first Congress, first session, at an estimated cost of \$4,756,000.

52 Stat. 1218.

Beardstown, Ill.

Canton, Mo.

Cape Girardeau,
Mo.

MISSOURI RIVER BASIN

In addition to previous authorizations there is hereby authorized to be appropriated the sum of \$250,000,000 for the prosecution of the comprehensive plan for the Missouri River Basin to be undertaken by the Corps of Engineers, approved by the Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress.

The projects for flood control and related purposes in the Yellowstone River Basin, Wyoming, Montana, and North Dakota, are hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 216, Eighty-first Congress, first session, at an estimated cost of \$6,524,000.

The projects for flood control and related purposes in the South Platte River Basin in Colorado are hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 669, Eightieth Congress, second session, and there is authorized to be appropriated the sum of \$26,300,000 for partial accomplishment of the work.

The projects for flood control and related purposes in the Elkhorn River Basin, Nebraska, are hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 215, Eighty-first Congress, first session, at an estimated cost of \$2,428,000.

The project for flood protection at Mandan, North Dakota, on the Heart River, authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 294, Seventy-ninth Congress, first session, by the Act approved July 24, 1946, is hereby modified to provide that the United States shall construct the necessary works and alterations to provide for interior drainage at an estimated additional cost of \$76,000.

52 Stat. 1218.

Yellowstone River
Basin.South Platte River
Basin, Colo.Elkhorn River Ba-
sin, Nebr.

Mandan, N. Dak.

60 Stat. 648.

OHIO RIVER BASIN

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$100,000,000 for the prosecution of the comprehensive plan for the Ohio River Basin approved in the Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress: *Provided*, That the Mining City Dam and Reservoir, Kentucky, and alternates therefor, authorized by the Flood Control Act approved June 28, 1938 (Public Law Numbered 761, Seventy-fifth Congress, third session), shall not be constructed if such construction would have any adverse effect on Mammoth Cave National Park.

52 Stat. 1217.

Mining City Dam
and Reservoir, Ky.

Orleans, Ind.

The project for the protection of Orleans, Indiana, on Lost River, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 105, Eighty-first Congress, first session, at an estimated cost of \$202,000.

Bradford, Pa.

The project for the protection of Bradford, Pennsylvania, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in Senate Document Numbered 20, Eighty-first Congress, first session, at an estimated cost of \$6,467,000.

Cumberland and
Barbourville, Ky.

The projects for flood protection of Cumberland and Barbourville, Kentucky, on the Cumberland River, are hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 345, Eighty-first Congress, first session, at an estimated cost of \$1,832,000.

Wabash River Ba-
sin, Ill. and Ind.

The plan of improvement for flood control in the Wabash River Basin, Illinois and Indiana, set forth in House Document Numbered 197, Eightieth Congress, first session, as authorized by the Act approved July 24, 1946, is hereby modified to include necessary bank stabilization measures at the New Harmony bridge, Indiana, Illinois, at an estimated cost of \$500,000.

60 Stat. 649.

RED RIVER OF THE NORTH BASIN

62 Stat. 1177.

In addition to previous authorizations, there is hereby authorized the completion of the plan approved in the Flood Control Act of June 30, 1948, in accordance with the report of the Chief of Engineers contained in House Document Numbered 185, Eighty-first Congress, for the Red River of the North Basin, at an estimated cost of \$8,000,000.

RIO GRANDE BASIN

62 Stat. 1178.

In addition to previous authorizations, there is hereby authorized the completion of the plan approved in the Flood Control Act of June 30, 1948, for the Rio Grande Basin, at an estimated cost of \$39,000,000 for the work to be prosecuted by the Department of the Army and \$30,179,000 for the work to be prosecuted by the Department of the Interior as set forth in House Document Numbered 243, Eighty-first Congress.

COLORADO RIVER BASIN

Meadow Valley
Wash Basin, Nev.

The projects for the Pine Canyon Reservoir and the Matthews Canyon Reservoir in Meadow Valley Wash Basin, Nevada, are hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in his report as contained in House Document Numbered 530, Eighty-first Congress, at an estimated cost of \$1,986,000.

GILA RIVER BASIN

Painted Rock Res-
ervoir, Ariz.

The project for the Painted Rock Reservoir in the Gila River Basin, Arizona, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 331, Eighty-first Congress, first session, at an estimated cost of \$25,800,000.

HUMBOLDT RIVER BASIN

The project for flood protection on the Humboldt River, Nevada, is hereby authorized substantially in accordance with the recommendations of the Board of Engineers for Rivers and Harbors in its report dated April 22, 1949, and the Chief of Engineers in his report dated December 12, 1949, at an estimated cost of \$7,679,000.

SANTA ANA RIVER BASIN

The plan of improvement for flood control in the Santa Ana River Basin, California, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 135, Eighty-first Congress, first session, at an estimated cost of \$15,092,000.

LOS ANGELES-SAN GABRIEL BASIN AND BALLONA CREEK

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$40,000,000 for the prosecution of the comprehensive plan for the Los Angeles-San Gabriel River Basin and Ballona Creek, California, approved in the Act of August 18, 1941, as amended and supplemented by subsequent Acts of Congress, and there is hereby authorized the construction of channel improvements on the Rio Hondo to conduct flood water and other releases from Whittier Narrows Flood Control Basin to the Los Angeles River channel, in accordance with plans on file in the office of the Chief of Engineers.

55 Stat. 647.

Rio Hondo.

SACRAMENTO RIVER BASIN

The project for the control of floods and other purposes in the Sacramento River Basin, approved by the Act of March 1, 1917, as amended and supplemented by subsequent Acts of Congress, is hereby further amended to include the necessary works of improvement for the protection of the Upper Butte Basin, in accordance with the report of the Chief of Engineers, as contained in House Document Numbered 367, Eighty-first Congress, at an estimated cost of \$3,500,000: *Provided*, That the existing Moulton Weir may be widened as required for this purpose but not lowered: *And provided further*, That local interests give assurances satisfactory to the Secretary of the Army that they will furnish free of cost to the United States all necessary lands, easements, and rights-of-way, hold and save the United States free from damages due to the construction work, and maintain and operate the works after completion in accordance with regulations prescribed by the Secretary of the Army.

Upper Butte Basin.

39 Stat. 949.
33 U. S. C. § 703.Moulton Weir.
Local cooperation.

RUSSIAN RIVER BASIN

The plan for flood control, water conservation, and related purposes, in the Russian River Basin, California, is hereby approved substantially in accordance with the recommendations of the Board of Engineers for Rivers and Harbors dated April 22, 1949, and as recommended by the Chief of Engineers in his report dated November 15, 1949, and there is authorized to be appropriated the sum of \$11,522,000 for accomplishment of the initial stage of the plan: *Provided*, That section 8 of the Flood Control Act of 1944 shall apply to this project: *Provided further*, That prior to starting construction, local interests shall contribute the sum of \$5,598,000 in cash in full repayment of the conservation benefits: *And provided further*, That such contribution of \$5,598,000 shall be transferred to the Secretary of the Army for application to the cost of construction of the project.

58 Stat. 891.
43 U. S. C. § 300.
Local contribution.

WILLAMETTE RIVER BASIN

In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$40,000,000 for the prosecution of the comprehensive plan for the Willamette River Basin, approved in the Act of June 28, 1938, as amended and supplemented by subsequent Acts of Congress.

52 Stat. 1222.

The general comprehensive plan for flood control, navigation, and other purposes in the Willamette River Basin, approved by the Flood Control Act of June 28, 1938, is hereby modified to provide for the following works, substantially in accordance with the report of the Board of Engineers for Rivers and Harbors dated February 21, 1949, and these works are hereby authorized:

52 Stat. 1222.

Portland, Oreg.

(a) Flood control improvements on Johnson Creek at Portland and vicinity, Oregon, at an estimated cost of \$332,000.

(b) Flood control works on both banks of the Willamette River to protect Portland, Oregon, consisting approximately of four miles of levees and five miles of floodwalls, together with any necessary appurtenant works which might be required, at an estimated cost of \$14,000,000 to the United States, of which \$12,600,000 is for floodwalls and \$1,400,000 is for levees, subject to the condition that local interests provide without cost to the United States all lands, easements, and rights-of-way; make all necessary highway, highway bridge, and utility alterations; hold and save the United States free from all damages due to the construction works; and maintain and operate the works after completion in accordance with regulations prescribed by the Secretary of the Army.

COLUMBIA RIVER BASIN

Albeni Falls, Idaho.

The project for multiple-purposes on the Pend Oreille River at Albeni Falls, Idaho, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in Senate Document Numbered 9, Eighty-first Congress, first session, at an estimated cost of \$31,070,000.

Project authorized.
49 Stat. 1589.

Local cooperation.

The projects for flood control in the Columbia River Basin authorized by the Act of June 22, 1936, are hereby modified, extended, and supplemented substantially in accordance with the report of the Board of Engineers for Rivers and Harbors dated February 21, 1949, subject to the condition that local interests provide without cost to the United States all lands, easements, and rights-of-way; make all necessary highway, highway bridge, and utility alterations; hold and save the United States free from all damages due to the construction works; and maintain and operate the works after completion in accordance with regulations prescribed by the Secretary of the Army; to provide for the following works which are hereby authorized:

Bank protection
works.

(a) Bank protection works along the lower Columbia River at an estimated cost of \$4,900,000; and to provide further for:

Improvements to
existing projects.

(b) The following improvements to existing projects in the lower Columbia River Basin at an estimated cost of \$14,722,000: Sandy drainage district, estimated construction cost \$236,000; Multnomah County drainage district number 1, estimated construction cost \$1,365,000; Peninsula drainage district number 2, estimated construction cost \$1,103,000; Peninsula drainage district number 1, estimated construction cost \$1,437,000; Sauvie Island (areas A and B), estimated construction cost \$900,000; Columbia drainage district number 1, estimated construction cost \$630,000; Bachelor Island, estimated construction cost \$920,000; Scappoose drainage district, estimated construction cost \$459,000; Lewis River area, estimated construction cost \$300,000; Cowlitz diking improvement districts number 5 and number 11, estimated construction cost \$1,100,000; Deer Island drainage district, estimated construction cost \$105,000; Cowlitz County diking improvement districts number 2 and number 13, estimated construction cost \$630,000; Consolidated diking improvement district number 1, estimated construction cost \$1,880,000; Cowlitz County diking improvement district number 15, estimated construction cost

\$60,000; Rainier drainage district, estimated construction cost \$576,000; John drainage district, estimated construction cost \$50,000; Beaver drainage district, estimated construction cost \$837,000; Clatskanie drainage district, estimated construction cost \$100,000; Magruder drainage district, estimated construction cost \$30,000; Midland drainage district, estimated construction cost \$130,000; Woodson drainage district, estimated construction cost \$25,000; Puget Island area, Wahiakum diking districts number 1 and number 3, estimated construction cost \$1,269,000; Tenasillahe Island diking district number 6, estimated construction cost \$100,000; Wahkiakum diking district number 4, estimated construction cost \$400,000; Clatsop County diking district number 4, estimated construction cost \$30,000; Clatsop County drainage district number 1, estimated construction cost \$50,000; and to provide further for works in the lower Columbia River Basin at a total estimated cost of \$2,973,000, as follows: Washougal area, Clark County, Washington, approximately five and one-half miles of levee, and other appurtenant works, at an estimated cost of \$820,000 to the United States; Hayden Island, Oregon, approximately four miles of levee, and other appurtenant works at an estimated cost of \$198,000 to the United States; Vancouver Lake area, in the vicinity of Vancouver, Washington, approximately eleven miles of levee and other appurtenant works at an estimated cost of \$1,462,000 to the United States; Kalama River (south area) Cowlitz County, Washington, approximately three miles of levee, and other appurtenant works, at an estimated cost of \$420,000 to the United States; and Clatskanie River area, Oregon, approximately two thousand feet of bulkhead and levee, and other appurtenant works at an estimated cost of \$73,000 to the United States.

In addition to previous authorizations and authorizations herein, the projects listed below for flood control and other purposes in the Columbia River Basin (including the Willamette River Basin) substantially in accordance with the plans recommended in the report of the Chief of Engineers dated June 28, 1949, and approved in the letter dated February 1, 1950, from the Director of the Bureau of the Budget for construction by the Corps of Engineers, both contained in House Document Numbered 531, Eighty-first Congress, second session, are hereby approved, and there is hereby authorized to be appropriated the sum of \$75,000,000 for the partial accomplishment of those projects and for the continued prosecution of the comprehensive plan for the Willamette River Basin approved in the Act of June 28, 1938, as amended and supplemented by subsequent acts of Congress:

Power facilities at Lookout Point Dam, Middle Fork of the Willamette River, Oregon.

Hills Creek Dam, Middle Fork of Willamette River, Oregon.

Dexter reregulating dam, Middle Fork, Willamette River, Oregon.

Waldo Lake Tunnel and regulating works, Middle Fork-North Fork, Willamette River, Oregon.

Fall Creek Dam, Fall Creek, Middle Fork, Willamette River, Oregon.

Holley Dam, Calapooya River, Oregon.

Willamette Falls Fish Ladder, Willamette River, Oregon.

Willamette River channel improvements, bank protection works, and channel clearing and snagging.

Libby Dam, Kootenai River, Montana.

Priest Rapids Dam, Columbia River, Washington.

John Day Dam, Columbia River, Washington and Oregon.

The Dalles Dam, Columbia River, Washington and Oregon.

Local flood protection project at Pendleton, Oregon, and Jackson Hole, Wyoming.

Additional authorization.

52 Stat. 1222.

Oregon.

Montana.

Washington.

Washington and Oregon.

Oregon and Wyoming.

Local flood protection projects.

Local flood protection projects in the Columbia River Basin, Montana, Wyoming, Utah, Nevada, Idaho, Oregon, and Washington, provided that with respect to these local flood protection projects the following conditions shall apply:

(1) Not to exceed \$15,000,000 of this authorization shall be available for these local flood protection projects,

(2) All of the local flood protection projects undertaken pursuant to this item shall be economically justified prior to construction,

(3) Local cooperation specified in the Flood Control Act approved June 22, 1936, as amended shall be required.

49 Stat. 1570.
33 U. S. C. §§ 701a-701f, 701h.
Post, p. 184.

GREEN-DUWAMISH RIVER BASIN

Eagle Gorge Reservoir, Wash.

The project for the Eagle Gorge Reservoir on the Green River, Washington, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 271, Eighty-first Congress, first session, at an estimated cost of \$16,300,000.

TERRITORY OF HAWAII

Kawainui Swamp, Oahu, Hawaii.

The project for flood protection at Kawainui Swamp, Oahu, Hawaii, is hereby authorized substantially in accordance with the recommendations of the Chief of Engineers in House Document Numbered 214, Eighty-first Congress, first session, at an estimated cost of \$848,000.

Preliminary examinations and surveys.

SEC. 205. The Secretary of the Army is hereby authorized and directed to cause preliminary examinations and surveys for flood control and allied purposes, including channel and major drainage improvements, and floods aggravated by or due to wind or tidal effects to be made under the direction of the Chief of Engineers, in drainage areas of the United States and its Territorial possessions, which include the following-named localities, and the Secretary of Agriculture is authorized and directed to cause preliminary examinations and surveys for run-off and water-flow retardation and soil-erosion prevention on such drainage areas, the cost thereof to be paid from appropriations heretofore or hereafter made for such purposes: *Provided*, That after the regular or formal reports made on any examination, survey, project, or work under way or proposed are submitted to Congress, no supplemental or additional report or estimate shall be made unless authorized by law except that the Secretary of the Army may cause a review of any examination or survey to be made and a report thereon submitted to Congress if such review is required by the national defense or by changed physical or economic conditions: *And provided further*, That the Government shall not be deemed to have entered upon any project for the improvement of any waterway or harbor mentioned in this title until the project for the proposed work shall have been adopted by law:

Supplemental reports.

Adoption of project by law.

Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island.

Merrimack and Connecticut Rivers and their tributaries, and such other streams in the States of Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island, where power development appears feasible and practicable, to determine the hydroelectric potentialities, in combination with other water and resource development.

New Hampshire.

Israel River, at and in the vicinity of Lancaster, New Hampshire, in the interest of flood control and related purposes.

Massachusetts.

Mystic River and its tributaries, Massachusetts (between the Wellington Bridge and the Craddock Bridge).

Maryland and Delaware.

Nanticoke River and tributaries, Maryland and Delaware, in the interest of flood control and major drainage improvements.

Maryland.

Gilbert Run, Maryland.

Tobacco Run, Maryland.	
Mattaponi River, Virginia.	Virginia.
Perquimans River, North Carolina.	North Carolina.
Filberts Creek at Edenton, North Carolina.	
Streams on Johns Island and vicinity, South Carolina, in the interest of flood control and major drainage improvements.	South Carolina.
Combahee River, Broad River, Black River, and their tributaries, all in the State of South Carolina.	
All streams in the State of Georgia flowing into the Atlantic Ocean between the Ogeechee River and Altamaha River.	Georgia.
Satilla River, Georgia; Saint Marys River, Georgia and Florida; Suwannee River, Georgia and Florida; for flood control, navigation, and other beneficial uses.	Georgia and Florida.
Streams in Saint Johns, Flagler, and Putnam Counties, Florida, for flood control and major drainage improvements.	Florida.
Manatee River, Florida.	
Coastal streams flowing into the Gulf of Mexico between the Suwannee and Apalachicola Rivers, with a view to their improvement in the interest of flood control and related purposes.	
Blackwater River, Florida.	
Yellow River, Florida and Alabama.	Florida and Ala- bama.
Blackwater and Perdido Rivers, Alabama.	Alabama.
Nine Mile Drain and Carlow Ditch, Macomb County, Michigan.	Michigan.
Hatchie and Tuscumbia Rivers, Mississippi and Tennessee, in the interest of flood control and major drainage improvements.	Mississippi and Tennessee.
Survey and study of alternate sites for the Millwood Reservoir, Arkansas, in the Red River Basin.	Arkansas.
Arkansas, White and Red River Basins, Arkansas, Louisiana, Oklahoma, Texas, New Mexico, Colorado, Kansas and Missouri, with a view to developing comprehensive, integrated plans of improvement for navigation, flood control, domestic and municipal water supplies, reclamation and irrigation, development and utilization of hydroelectric power, conservation of soil, forest and fish and wildlife resources, and other beneficial development and utilization of water resources including such consideration of recreation uses, salinity and sediment control, and pollution abatement as may be provided for under Federal policies and procedures, all to be coordinated with the Department of the Interior, the Department of Agriculture, the Federal Power Commission, other appropriate Federal agencies and with the States, as required by existing law: <i>Provided</i> , That Federal projects now constructed and in operation, under construction, authorized for construction, or projects that may be hereafter authorized substantially in accordance with reports currently before or that may hereafter come before the Congress, if in compliance with the first section of an Act entitled "An Act authorizing the construction of certain public works on rivers and harbors for flood control, and other purposes", approved December 22, 1944 (58 Stat. 887), shall not be altered, changed, restricted, delayed, retarded, or otherwise impeded or interfered with by reason of this paragraph.	Arkansas, Louisi- ana, Oklahoma, Texas, New Mexico, Colo- rado, Kansas, Mis- souri.
Dry Cimarron River, Union County, New Mexico, and Cimarron River, Oklahoma, Colorado and Kansas.	
Conneaut Creek at and in the vicinity of Conneautville, Pennsylvania.	
Missouri River from the vicinity of the Iowa-Nebraska line near Watson, Missouri, to the vicinity of Leavenworth, Kansas.	
Mud River, Thief River, Moose River, and Lost River, tributaries of the Red River of the North, all in the State of Minnesota.	
Snake River, Tamarac River, Two River, Big Joe River, and Little Joe River, tributaries of the Red River of the North in the State of Minnesota.	
	Noninterference with other projects.
	New Mexico, Okla- homa, Colorado, Kan- sas.
	Pennsylvania.
	Missouri and Kan- sas.
	Minnesota.

- Texas. Streams, and their larger tributaries, flowing through the Austin-Washington soil conservation district, the Bastrop-Fayette soil conservation district, the Calhoun-Victoria soil conservation district, the Middle Guadalupe Basin soil conservation district, the Navasota soil conservation district, and the Copano Bay soil conservation district, all in the State of Texas.
- Kentucky. Salt River, Kentucky.
- Texas. Lower Rio Grande Valley, including streams in Starr, Hidalgo, Cameron, and Willacy Counties, Texas, in the interest of flood control and major drainage improvements.
- West Virginia. Buffalo Creek, Marion County, West Virginia.
- Wisconsin. Waterway from Rangeline Lake to Oconto River, Wisconsin, in the interest of flood control and major drainage improvements.
- California. Milwaukee River and tributaries, Wisconsin.
- California. Sacramento and San Joaquin River Delta Areas, California: *Provided*, That this examination and survey shall not duplicate the investigations authorized in H. Res. 618, Eightieth Congress, second session.
- Sacramento River, California, in the interest of bank protection and channel improvements below Red Bluff.
- Walnut Creek drainage area, Contra Costa County, California.
- Reclamation District Numbered 768, Humboldt County, California.
- Nevada. Martin Creek, at and in the vicinity of Paradise Valley, Humboldt County, Nevada.
- Gleason Creek, Robinson Watershed, at and in the vicinity of Ely, White Pine County, Nevada.
- Washington. Samish River, Washington.
- California. Streams flowing through Antelope Valley in Los Angeles and Kern Counties, California, with a view to their improvement in the interest of flood control, conservation of water resources, and related purposes.
- Hawaii. Iao Stream, Island of Maui, and Kaunakaki Gulch, Island of Molokai, Territory of Hawaii.
- Palolo and Manoa Valleys, Island of Oahu, Territory of Hawaii.
- Edward MacDowell Dam. SEC. 206. The dam site known as West Peterborough Dam in the Merrimack River Basin, authorized by the Flood Control Act of June 22, 1936, and modified by the Flood Control Act of June 28, 1938, shall hereafter be known and designated as the Edward MacDowell Dam, and any law, regulation, document, or record of the United States in which such dam is designated or referred to under the name of West Peterborough Dam shall be held to refer to such dam under and by the name of Edward MacDowell Dam.
- 49 Stat. 1572; 52 Stat. 1216.
- Merging of funds. SEC. 207. Funds hereafter appropriated for a specific and heretofore authorized project for a river, harbor, or flood-control works shall be merged with and be accounted for under the regular annual appropriation title applicable to such item.
- Alaska. SEC. 208. Section 204 of the Flood Control Act of 1948 is hereby amended by adding to the item therein for harbors and rivers in Alaska the following: "and that Federal investigations and improvements of rivers and other waterways in Alaska, for navigation, flood control, hydroelectric power, and allied purposes shall be continued under the jurisdiction of and shall be prosecuted by the Department of the Army under the direction of the Secretary of the Army and the supervision of the Chief of Engineers".
- 62 Stat. 1181.
- Jurisdiction of Department of the Army.
- Alamogordo Dam and Reservoir, N. Mex. SEC. 209. The Chief of Engineers and the Secretary of the Army are directed to review their previous studies and to report to the Congress the amount of the total cost of the Alamogordo Dam and Reservoir on the Pecos River, New Mexico, which is properly allocable to flood control, in accordance with the provisions of section 7 of the Flood Control Act approved August 11, 1939.
- 53 Stat. 1417.
33 U. S. C. § 707.

SEC. 210. That section 5 of the Flood Control Act of August 18, 1941, as amended by section 12 of the Flood Control Act of 1946, and as further amended by section 206 of the Flood Control Act of 1948, is hereby further amended to read as follows:

"That there is hereby authorized an emergency fund in the amount of \$15,000,000 to be expended in rescue work or in the repair, restoration or maintenance of any flood control work threatened or destroyed by flood, including the strengthening, raising, extending or other modification thereof as may be necessary in the discretion of the Chief of Engineers for the adequate functioning of the work for flood control. The appropriation of such moneys as may be necessary for the initial establishment of this fund and for its replenishment on an annual basis, is hereby authorized: *Provided*, That pending the appropriation of said sum, the Secretary of the Army may allot, from existing flood-control appropriations, such sums as may be necessary for the immediate prosecution of the work herein authorized, such appropriations to be reimbursed from the appropriation herein authorized when made: *And provided further*, That the Chief of Engineers is authorized, in the prosecution of work in connection with rescue operations, or in conducting other flood emergency work, to acquire on a rental basis such motor vehicles including passenger cars and busses as in his discretion are deemed necessary."

SEC. 211. The Secretary of the Army is hereby authorized to allot from any appropriations heretofore or hereafter made for flood control or rivers and harbors, funds for payment of expenses of representatives of the Corps of Engineers engaged on flood control and river and harbor work to international engineering or scientific conferences to be held outside the continental limits of the United States: *Provided*, That not more than ten representatives of the Corps of Engineers shall attend any one conference: *And provided further*, That not more than \$25,000 shall be allotted during any one fiscal year for this purpose.

SEC. 212. That section 205 of the Flood Control Act approved June 30, 1948, is hereby amended to read as follows:

"That the Secretary of the Army is hereby authorized to allot from any appropriations heretofore or hereafter made for flood control, not to exceed \$3,000,000 for any one fiscal year, for the construction of small flood-control projects not specifically authorized by Congress, and not within areas intended to be protected by projects so authorized, which come within the provisions of section 1 of the Flood Control Act of June 22, 1936, when in the opinion of the Chief of Engineers such work is advisable: *Provided*, That not more than \$150,000 shall be allotted for this purpose at any single locality from the appropriations for any one fiscal year: *Provided further*, That the provisions of local cooperation specified in section 3 of the Flood Control Act of June 22, 1936, as amended, shall apply: *And provided further*, That the work shall be complete in itself and not commit the United States to any additional improvement to insure its successful operation, except as may result from the normal procedure applying to projects authorized after submission of preliminary examination and survey reports."

SEC. 213. That the sum of \$1,250,000,000 is hereby authorized to be appropriated for carrying out improvements under this title by the Department of the Army, and the sum of \$10,000,000 additional is authorized to be appropriated and expended in equal amounts by the Departments of the Army and Agriculture for carrying out any examination or survey provided for in this title and any other Acts of Congress to be prosecuted by said Departments.

The sum of \$1,500,000 additional is authorized to be appropriated and expended by the Federal Power Commission for carrying out

55 Stat. 650; 60 Stat. 652; 62 Stat. 1182.
33 U. S. C., Sup. III, § 701n.

Emergency fund.

Appropriation authorized.

Allotments pending appropriation.

Rental of motor vehicles.

Corps of Engineers. Expenses of representatives at international conferences.

62 Stat. 1182.
33 U. S. C., Sup. III, § 701s.
Small projects.

49 Stat. 1570.
33 U. S. C. § 701a.

49 Stat. 1571.
33 U. S. C. § 701c.

Appropriations authorized.

Expenditure by Departments of Army and Agriculture.

Federal Power Commission.

Employment of additional personnel.
59 Stat. 304.
5 U. S. C. § 947; Sup. III, § 947 notes.
Post., p. 543.

Missouri River Basin, additional appropriation authorized.

58 Stat. 891.

Emergency measures by Secretary of Agriculture.

52 Stat. 1225; 58 Stat. 907.
33 U. S. C. § 701b-1.

Santa Ynez, Calif., watershed.

58 Stat. 905.

Appropriation authorized.

Department of Agriculture.

58 Stat. 887.
16 U. S. C. §§ 460d, 825s; 33 U. S. C. §§ 701a-1, 701c note, 701f note, 701j note, 708, 709; Sup. III, § 701c note; 43 U. S. C. § 390.
Short title.

any examinations and surveys provided for in this Act or any other Acts of Congress, to be prosecuted by the Federal Power Commission.

SEC. 214. Section 607 of the Federal Employees Pay Act of 1945, as amended, shall not be construed to prevent the employment of such additional personnel under the supervision of the Chief of Engineers as may be necessary to prosecute navigation and flood-control works herein or heretofore authorized.

SEC. 215. In addition to previous authorizations, there is hereby authorized to be appropriated the sum of \$200,000,000 for the prosecution of the comprehensive plan adopted by section 9a of the Act approved December 22, 1944 (Public, Numbered 534, Seventy-eighth Congress), for continuing the works in the Missouri River Basin to be undertaken under said plans by the Secretary of the Interior.

SEC. 216. That section 7 of the Flood Control Act approved June 28, 1938, as amended by section 15 of the Act approved December 22, 1944, is hereby amended to read as follows: "The Secretary of Agriculture is hereby authorized in his discretion to undertake such emergency measures for run-off retardation and soil-erosion prevention as may be needed to safeguard lives and property from floods and the products of erosion on any watershed whenever fire or any other natural element or force has caused a sudden impairment of that watershed: *Provided*, That not to exceed \$300,000 out of any funds heretofore or hereafter appropriated for the prosecution by the Secretary of Agriculture of works of improvement or measures for run-off and water-flow retardation and soil-erosion prevention on watersheds may be expended during any one fiscal year for such emergency measures."

SEC. 217. The Secretary of Agriculture, in furtherance of the authority conferred upon him by section 13 of the Flood Control Act of December 22, 1944, to prosecute works of improvement on the watershed of the Santa Ynez River, California, is authorized to proceed forthwith to install on such watershed the program recommended under plan I of House Document Numbered 518, Seventy-eighth Congress, second session: *Provided*, That in installing such program the Secretary of Agriculture shall be authorized to make such modifications of the recommended structural and land-use measures within minor tributary watersheds as may be found requisite to effectuate the purposes of plan I of said House document, at an estimated additional cost to the United States of \$1,158,500.

SEC. 218. In addition to previous authorizations, the sum of \$19,000,000 is hereby authorized to be appropriated for expenditure by the Department of Agriculture for the prosecution of the works of improvement authorized to be carried out by that Department by the Flood Control Act of December 22, 1944, as amended.

SEC. 219. Title II may be cited as the "Flood Control Act of 1950".
Approved May 17, 1950.

[CHAPTER 189]

JOINT RESOLUTION

To permit articles imported from foreign countries for the purpose of exhibition at the First United States International Trade Fair, Incorporated, Chicago, Illinois, to be admitted without payment of tariff, and for other purposes.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That all articles which shall be imported from foreign countries for the purpose of exhibition at the First United States International Trade Fair, to be held at Chicago, Illinois, from August 7 to August 20, 1950, inclusive, by the First United States International Trade Fair, Incorporated, a corporation, or for use in constructing, installing, or maintaining foreign exhibits

May 18, 1950.

[H. J. Res. 466]

[Public Law 517]

First U. S. International Trade Fair.
Articles imported for exhibition.

Additional Proposal Information

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WRDA1986.pdf

WATER RESOURCES DEVELOPMENT ACT OF 1986

OCTOBER 17, 1986.—Ordered to be printed

Mr. HOWARD, from the committee of conference,
submitted the following

CONFERENCE REPORT

[To accompany H.R. 6]

The committee of conference on the disagreeing votes of the two Houses on the amendment of the Senate to the bill (H.R. 6) to provide for the conservation and development of water and related resources and the improvement and rehabilitation of the Nation's water resources infrastructure, having met, after full and free conference, have agreed to recommend and do recommend to their respective Houses as follows:

That the House recede from its disagreement to the amendment of the Senate and agree to the same with an amendment as follows:

In lieu of the matter proposed to be inserted by the Senate amendment insert the following:

SECTION 1. SHORT TITLE AND TABLE OF CONTENTS.

(a) **SHORT TITLE.**—*This Act may be cited as the "Water Resources Development Act of 1986".*

(b) **TABLE OF CONTENTS.**—

Title I—Cost Sharing

Title II—Harbor Development

Title III—Inland Waterway Transportation System

Title IV—Flood Control

Title V—Shoreline Protection

Title VI—Water Resources Conservation and Development

Title VII—Water Resources Studies

Title VIII—Project Modifications

Title IX—General Provisions

Title X—Project Deauthorizations

Title XI—Miscellaneous Programs and Projects

Title XII—Dam Safety

Title XIII—Namings

Title XIV—Revenue Provisions

SEC. 951. REPORTS.

If any report required to be transmitted under this Act to the Committee on Public Works and Transportation of the House of Representatives or the Committee on Environment and Public Works of the Senate pertains in whole or in part to fish and wildlife mitigation, benthic environmental repercussions, or ecosystem mitigation, the Federal officer required to prepare or transmit that report also shall transmit a copy of the report to the Committee on Merchant Marine and Fisheries of the House of Representatives.

TITLE X—PROJECT DEAUTHORIZATIONS

SEC. 1001. (a) *Any project authorized for construction by this Act shall not be authorized after the last day of the 5-year period beginning on the date of enactment of this Act unless during such period funds have been obligated for construction, including planning and designing, of such project.*

(b)(1) *Not later than one year after the date of enactment of this Act, the Secretary shall transmit to Congress a list of unconstructed projects, or unconstructed separable elements of projects, which have been authorized, but have received no obligations during the 10 full fiscal years preceding the transmittal of such list. A project or separable element included in such list is not authorized after December 31, 1989, if funds have not been obligated for construction of such project or element after the date of enactment of this Act and before December 31, 1989.*

(2) *Every two years after the transmittal of the list under paragraph (1), the Secretary shall transmit to Congress a list of projects or separable elements of projects which have been authorized, but have received no obligations during the 10 full fiscal years preceding the transmittal of such list. A project or separable element included in such list is not authorized after the date which is 30 months after the date the list is so transmitted if funds have not been obligated for construction of such project or element during such 30-month period.*

(c) *The Secretary shall publish in the Federal Register a list of any projects or separable elements that are deauthorized under this section.*

SEC. 1002. *The following projects, with a total estimated authorized cost of \$11.1 billion, are not authorized after the date of enactment of this Act, except with respect to any portion of such a project which portion has been completed before such date or is under construction on such date:*

ALABAMA

The project for flood control, Alabama River, Montgomery, Alabama, authorized by the Flood Control Act of 1958.

The project for hydroelectric power, Alabama-Coosa River Basin, Big Wills Creek Lake, Alabama, authorized by the River and Harbor Act of March 2, 1945, Public Law 14, Seventy-ninth Congress.

The project for hydroelectric power, Alabama-Coosa River Basin, Crooked Creek Lake, Alabama, authorized by the River

The portion of the project for Gulf Intracoastal Waterway-Channel to Port Mansfield, Texas, authorized by section 4 of Public Law 86-248, which consists of a small craft basin at Port Mansfield, Texas.

UTAH

The project for flood control, Weber River and Tributaries, Morgan County, Utah, authorized by section 206 of the River and Harbor Act of 1968.

VERMONT

The project for flood control, Bennington, Vermont, authorized by the Flood Control Act of June 22, 1936, Public Law 738, Seventy-fourth Congress.

The project for navigation, Otter Creek, Addison County, Vermont, authorized by the River and Harbor Act of June 10, 1872.

The project for flood control, Rutland Otter Creek, Vermont, authorized by the Flood Control Act of June 22, 1936, Public Law 738, Seventy-fourth Congress, as amended by the Flood Control Act of July 31, 1947, Public Law 296, Eightieth Congress.

VIRGINIA

The project for navigation, Thimble Shoal Channel, Virginia, authorized by the River and Harbor Act of 1954 consisting of side channels 32 feet deep and 450 feet wide on both sides of the 1,000-foot channel.

The project for flood control, water quality control, recreation, fish and wildlife enhancement, and hydroelectric power generation, Moore's Ferry Lake, Virginia and North Carolina, authorized by the Flood Control Act of June 28, 1938, Public Law 761, Seventy-fifth Congress.

The feature of the project for navigation, Pamunkey River, Hanover and King Counties, Virginia, authorized by the River and Harbor Act of March 2, 1945, Public Law 14, Seventy-ninth Congress, which feature consists of a channel 5 feet deep and 50 feet wide between Bassett Ferry and Manquin Bridge.

VIRGIN ISLANDS

The uncompleted portion of the project for navigation, Christiansted Harbor-St. Croix, Virgin Islands, authorized by the River and Harbor Act of 1950, which portion consists of an approach channel 25 feet and 300 feet wide from the Caribbean Sea to and including a turning basin 25 feet deep, approximately 600 feet wide, and 900 feet long.

The portion of the project for navigation, St. Thomas Harbor, Virgin Islands, authorized by the River and Harbor Act of August 26, 1937, Public Law 392, Seventy-fifth Congress, which portion consists of construction of an entrance channel 36 feet deep and 600 feet wide, an anchorage area 33 feet deep, a breakwater 700 feet long between Rupert Rock and the mainland, and removal of Scorpion Rock to a depth of 36 feet.