

CHAP. 1079.—An Act Making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes.

June 13, 1902.

[Public, No. 154.]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be immediately available, and to be expended under the direction of the Secretary of War and the supervision of the Chief of Engineers, for the construction, completion, repair, and preservation of the public works hereinafter named:

Rivers and harbors appropriations.

Improving harbor at Sullivan Falls, Maine: Continuing improvement, five thousand dollars.

Harbors.
Sullivan Falls, Me.

Improving Bucksport Harbor, Maine, in accordance with the project submitted in House Document Numbered Two hundred and seventy-five, Fifty-sixth Congress, first session, completing improvement, twenty thousand dollars.

Bucksport Harbor,
Me.

Improving Carvers Harbor, at Vinalhaven, Maine: Continuing improvement, twenty thousand dollars.

Vinalhaven, Me.

Improving harbor at Camden, Maine: Completing improvement of outer harbor in accordance with the report submitted in House Document Numbered Two hundred and sixty-three, Fifty-sixth Congress, first session, seven thousand four hundred dollars.

Camden, Me.

Improving harbor at Isles of Shoals, Maine: Completing improvement in accordance with the report submitted in House Document Numbered Two hundred and fifty-five, Fifty-sixth Congress, first session, thirty thousand dollars.

Isles of Shoals, Me.

Improving harbor of refuge at Little Harbor, New Hampshire: Completing improvement, thirteen thousand dollars.

Little Harbor, N. H.

Improving harbor at Burlington, Vermont: For repairs and maintenance, fifty-seven thousand seven hundred and fifty dollars.

Burlington, Vt.

Improving harbor at Newburyport, Massachusetts: Continuing improvement, thirty thousand dollars.

Newburyport, Mass.

Improving harbor of refuge at Sandy Bay, Cape Ann, Massachusetts: Continuing improvement, two hundred thousand dollars: *Provided*, That no part of this amount shall be expended until the said project shall have been examined by a board of engineers and a favorable report made by them upon the feasibility and advisability of continuing said project to completion. And the said board shall also report whether with advantage any part of said original project can be completed, and if so what part, and whether any modification can be made therein with a view to diminishing the cost: *Provided further*, That said board shall examine and report not later than three months from the passage of this Act; and whether in said report the original project be approved or the same be modified, the sum herein appropriated shall be expended on the original or modified project.

Sandy Bay. Cape
Ann, Mass.
Provisos.
Report on project.

Time limit.

Improving harbor at Rockport, Massachusetts: Completing improvement of breakwater and pier in accordance with the report submitted in House Document Numbered Three hundred and sixty-three, Fifty-sixth Congress, first session, twenty-two thousand dollars.

Rockport, Mass.

Improving harbor at Gloucester, Massachusetts: Continuing improvement, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the approved project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-seven thousand and eighty-three dollars, exclusive of amounts herein and heretofore appropriated: *Provided further*, That the existing project may be modified so that the breakwater now under construction shall terminate at or near a ledge known as Cat Ledge, about two thousand two hundred

Gloucester, Mass.
Provisos.
Contracts.

Breakwater.

Removal of Round Rock. and fifty feet from the shore, and the remainder of this appropriation and of the amount herein authorized not required for construction of said breakwater shall be applied toward the work of removing Round Rock in said harbor.

Beverly, Mass. Improving harbor at Beverly, Massachusetts: Completing improvement in accordance with the report submitted in House Document Numbered One hundred and twenty-nine, Fifty-sixth Congress, second session, ten thousand dollars.

Marblehead, Mass. Survey for break-water. The Secretary of War is hereby authorized and directed to cause a survey and an estimate of cost to be made of a breakwater upon the southerly side of the causeway leading from Marblehead to Marblehead Neck, with a view to protecting the said causeway, which forms one boundary of Marblehead Harbor, from destruction or injury by the sea, and to report to Congress the said estimate; and so much of the one thousand dollars as was appropriated for the repair of the sea wall at Marblehead in the Act of March third, eighteen hundred and ninety-nine, as is unexpended and may be necessary, is hereby made available for the purposes of said survey and estimate.

Vol. 30, p. 1122.

Lynn, Mass. Improving Lynn Harbor, Massachusetts, in accordance with the report submitted in House Document Numbered Seventy-eight, Fifty-sixth Congress, second session, twenty-five thousand dollars.

Manchester, Mass. Improving harbor at Manchester, Massachusetts: Continuing improvement, five thousand dollars.

Boston, Mass. Improving harbor at Boston, Massachusetts: For maintenance and general improvement, one hundred thousand dollars.

Channels. For improving said harbor in accordance with the report submitted in House Document Numbered One hundred and nineteen, Fifty-sixth Congress, second session, by providing channels thirty-five feet deep, but modified in width so as to provide a channel one thousand two hundred feet wide from the navy-yard at Charlestown and the Chelsea Bridge and Charles River Bridge to President Roads, and one thousand five hundred feet wide from President Roads by route designated as Number Three, through Broad Sound to the ocean, six hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such material and work as may be necessary for prosecuting said improvement, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate three million dollars, exclusive of the amount herein appropriated: *Provided further*, That the expenditure hereby authorized shall be made with a view to securing channels thirty-five feet deep and of a width as uniform as possible.

Proviso.
Contracts.

Depth of channel.

Cohasset, Mass. Improving harbor at Cohasset, Massachusetts, in accordance with the report submitted in House Document Numbered Two hundred and eighty-four, Fifty-sixth Congress, first session, ten thousand dollars.

Plymouth and Provincetown, Mass. Improving harbors at Plymouth and Provincetown, Massachusetts: Continuing improvement and maintenance, fifteen thousand dollars.

Woods Hole, Mass. Improving Woods Hole Channel, Massachusetts: Continuing improvement, twenty thousand dollars.

New Bedford, Mass. Improving harbor at New Bedford, Massachusetts: Completing improvement, thirty-seven thousand seven hundred dollars.

Fall River, Mass. Improving harbor at Fall River, Massachusetts, in accordance with plan Numbered One in the report submitted in House Document Numbered Fifty-six, Fifty-fifth Congress, first session, thirty-eight thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and seventeen thousand four hundred and twelve dollars, exclusive of the amounts herein and heretofore appropriated.

Proviso.
Contracts.

Improving harbors at Hyannis and Nantucket, Massachusetts: Continuing improvement and for maintenance and repairs, thirty-five thousand dollars.

Hyannis and Nantucket, Mass.

Improving Point Judith Harbor of Refuge, Rhode Island: Continuing improvement, one hundred thousand dollars, of which amount so much as may be necessary may, in the discretion of the Secretary of War, be expended in constructing the easterly detached breakwater and continuing it to the shore with a view of providing a shelter for a landing place for the passengers, crews, and cargoes of vessels in distress, and other vessels, and for the lifeboats of the Point Judith life-saving service.

Point Judith Harbor of Refuge, R. I. Breakwater.

Improving harbor at Newport, Rhode Island: Completing improvement, thirty-nine thousand dollars.

Newport, R. I.

Improving harbor of refuge at Block Island, Rhode Island: Continuing improvement, thirty thousand dollars.

Block Island, R. I.

Improving harbor, Great Salt Pond, Block Island, Rhode Island: For extending south jetty and dredging, fifty thousand dollars.

Great Salt Pond, R. I.

A board of engineers shall be appointed by the Secretary of War, who shall make an examination of the said harbors of refuge at Point Judith, Block Island, and Great Salt Pond, with a view to reporting upon the relative merits of each of said harbors, what further construction or improvement, if any, is advisable in each, and the cost of such improvement or construction as may be deemed advisable. Said board shall also make an examination of Vineyard and Nantucket sounds, and the east shore of Cape Cod, with a view to reporting upon the relative merits of each of said proposed localities for harbors of refuge, and the said board shall also make an examination of Point Judith Pond with a view to determining whether it is advisable to enlarge the entrance to said pond from the ocean, and if said enlargement is, upon examination, found to be desirable, an estimate of the cost thereof shall be made. The expense of said board shall be paid from the unexpended balance remaining to the credit of the entrance to Point Judith Pond.

Harbors of refuge, Point Judith to Cape Cod. Report on locations for.

Expenses.

Improving harbor at New London, Connecticut, in accordance with the report submitted in House Document Numbered Three hundred and ninety-two, Fifty-sixth Congress, first session, twenty-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and twenty thousand dollars, exclusive of the amounts herein and heretofore appropriated; and the Secretary of War is authorized and directed to make an examination of that part of Winthrop's Cove embraced in the New London harbor with a view to securing a depth of thirty feet on the lines of the survey already made and reported in the executive document herein referred to.

New London, Conn.

Proviso.
Contracts.

Improving harbor at Branford, Connecticut: Completing improvement in accordance with the report submitted in House Document Numbered One hundred, Fifty-sixth Congress, second session, five thousand dollars.

Branford, Conn.

Improving New Haven Harbor, Connecticut: Continuing construction of breakwater, forty-four thousand dollars. The authorization for the improvement in the said harbor contained in the river and harbor act of March third, eighteen hundred and ninety-nine, is hereby extended so as to include the improvement of the Quinnipiac and Mill rivers to Grand avenue, and of the basin east of Canal Wharf, as recommended in the report submitted in House Document Numbered Eighty-two, Fifty-fifth Congress, first session: *Provided*, That a contract or

New Haven, Conn. Breakwater. Vol. 30, p. 1122.

Proviso.

- Contracts. contracts for such improvement can be made within the limit of cost authorized by the said Act of March third, eighteen hundred and ninety-nine.
- Milford, Conn. Improving harbor at Milford, Connecticut, in accordance with the report submitted in House Document Numbered Two hundred and eighty, Fifty-sixth Congress, first session: Completing improvement, fifteen thousand dollars.
- Harbors from Housatonic River to New York State line. Improving certain harbors in Connecticut between the Housatonic River and the New York State line, namely: Norwalk, Five-Mile River Harbor, Stamford, Southport, and Greenwich: Continuing improvement and for maintenance, forty-four thousand dollars.
- Harbors, northshore of Long Island, N. Y. Improving harbors at Port Jefferson, Huntington, Glencove, Flushing Bay, Canarsie Bay and Sag Harbor, New York, the last in accordance with the report submitted in House Document Numbered Seventy-seven, Fifty-sixth Congress, first session: Continuing improvement and for maintenance, thirty-nine thousand five hundred dollars.
- Port Chester, N. Y. Improving harbor at Port Chester, New York: For maintenance, five thousand dollars.
- Mamaroneck, N. Y. Improving harbor at Mamaroneck, New York: Continuing improvement, six thousand dollars.
- Larchmont, N. Y. Improving harbor at Larchmont, New York: Continuing improvement, ten thousand dollars.
- Echo Bay, N. Y. Improving harbor at Echo Bay, New York: Completing improvement in accordance with the report submitted in House Document Numbered Two hundred and thirty-five, Fifty-sixth Congress, first session, seventeen thousand dollars.
- New York Harbor. Maintenance. Improving New York Harbor, New York: For maintenance, fifty thousand dollars.
- Gowanus Creek Channel. Improving harbor at Gowanus Creek Channel, New York: Completing improvement, twenty thousand dollars.
- Buttermilk Channel, N. Y. Improving Buttermilk Channel, New York Harbor, New York, in accordance with House Document Numbered One hundred and twenty-two, Fifty-sixth Congress, second session, with a view to obtaining a channel not less than thirty feet deep, ninety thousand dollars.
- Rondout and Peekskill, N. Y. Improving harbors at Rondout and Peekskill, New York: Continuing improvement and for maintenance, five thousand five hundred dollars.
- Saugerties, N. Y. Improving harbor at Saugerties, New York, by deepening the channel in accordance with the report submitted in House Document Numbered One hundred and seven, Fifty-sixth Congress, first session, twenty thousand dollars.
- Ogdensburg, N. Y. Improving inner and outer harbors at Ogdensburg, New York: Continuing improvement and for maintenance, twenty thousand dollars.
- Cape Vincent, N. Y. Improving harbor at Cape Vincent, New York: Continuing improvement, forty-eight thousand dollars.
- Oswego, N. Y. Improving harbor at Oswego, New York: Continuing improvement and for maintenance, fifty-one thousand dollars.
- Great Sodus Bay, N. Y. Improving harbor at Great Sodus Bay, New York: For maintenance, five thousand dollars.
- Little Sodus Bay, N. Y. Improving harbor at Little Sodus Bay, New York: Continuing improvement by extending the east pier and for maintenance, twenty-five thousand dollars.
- Charlotte, N. Y. Improving harbor at Charlotte, New York: Continuing improvement and for maintenance, thirty thousand dollars.
- Wilson and Oak Orchard, N. Y. Improving harbors at Wilson and Oak Orchard, New York: Continuing improvement and for maintenance, four thousand five hundred dollars.
- Olcott, N. Y. Improving harbor at Olcott, New York: Continuing improvement, fifteen thousand dollars.

Improving Tonawanda Harbor and Niagara River, New York: Continuing improvement, two hundred and fifty-seven thousand seven hundred dollars, including the dredging of Tonawanda Harbor.

Tonawanda, N. Y.
and Niagara River.

Improving harbor at Plattsburg, New York: For maintenance and restoration, five thousand dollars.

Plattsburg, N. Y.

Improving Fire Island Inlet, in Great South Bay, New York: Completing improvement in accordance with the project submitted in House Document Numbered One hundred and three, Fifty-sixth Congress, second session, sixty-six thousand dollars.

Fire Island Inlet,
N. Y.

Improving harbor at Dunkirk, New York: Continuing improvement and for maintenance, twenty-five thousand dollars.

Dunkirk, N. Y.

Improving Buffalo Harbor, New York: For maintenance and for removal of rock shoal in the entrance below the junction of Buffalo River and the City Ship Canal, thirty thousand dollars.

Buffalo, N. Y.

Improving Lake Erie entrance to Black Rock Harbor and Erie Basin, New York, in accordance with the report submitted in House Document Numbered One hundred and twenty-five, Fifty-sixth Congress, second session, two hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the said improvement, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate six hundred and fourteen thousand six hundred and forty-three dollars, exclusive of the amount herein appropriated.

Black Rock Harbor
and Erie Basin, N. Y.

Proviso.
Contracts.

Improving channel between Staten Island and the New Jersey shore, New York and New Jersey: For maintenance, ten thousand dollars, of which sum five thousand dollars may be expended upon Lemon Creek, New York.

Staten Island and
New Jersey Channel.

Improving Arthur Kill, or Staten Island Sound, from Kill von Kull to Raritan Bay, New York and New Jersey, in accordance with the report submitted in House Document Numbered Three hundred and ninety-three, Fifty-sixth Congress, first session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate five hundred and ninety-six thousand dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That the Secretary of War may, in his discretion, and in case the total cost shall not exceed the limit fixed herein, modify the project by locating the channel north of Shooters Island.

Arthur Kill, N. Y.

Proviso.
Contracts.

Modification of
plans.

Improving Raritan Bay, New Jersey: Continuing improvement, forty-five thousand dollars, twenty-five thousand dollars of which may be expended in dredging between the mouth of Raritan River and tail of Great Beds.

Raritan Bay, N. J.

Improving harbor at Erie, Pennsylvania: Continuing improvement, one hundred and twenty-five thousand dollars.

Erie, Pa.

Improving harbor at Pittsburg, Pennsylvania: For maintenance, ten thousand dollars.

Pittsburg, Pa.

Improving Wilmington Harbor, Delaware: Continuing improvement and for maintenance, fifty thousand dollars: *Provided*, That not more than twenty-five thousand dollars of said sum shall be expended until arrangements have been made by the city of Wilmington, and approved by the Secretary of War, to dispose of the sewage from the city in such manner as to prevent the filling of the channel, and the largely increased cost of maintenance caused thereby.

Wilmington, Del.

Proviso.
Disposal of sewage.

Improving Baltimore Harbor, Maryland, including the approach thereto by Patapsco River: For maintenance, twenty-five thousand dollars.

Baltimore, Md.

- Southwest Baltimore. Improving harbor of Southwest Baltimore (Spring Garden), Maryland, in accordance with the report submitted in House Document Numbered Three hundred and four, Fifty-fourth Congress, first session, eighty-eight thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-one thousand dollars, exclusive of the amounts herein and heretofore appropriated.
- Proviso.*
Contracts.
- Curtis Bay. Improving channel of Curtis Bay, Baltimore Harbor, Maryland, by deepening the same to thirty feet and widening to two hundred and fifty feet, in accordance with plan submitted in Senate Document Numbered One hundred and eighteen, Fifty-sixth Congress, second session, fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War to complete said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and forty-six thousand dollars, exclusive of the amounts herein appropriated.
- Proviso.*
Contracts.
- Breton Bay and Patuxent River, Md. Improving Breton Bay and Patuxent River, Maryland, in accordance with the reports submitted in House Documents Numbered respectively Two hundred and nine, and One hundred and seventy, Fifty-sixth Congress, first session, the larger projects therein described being intended, nine thousand dollars.
- Chesapeake Bay, Md. Eastern Shore. Improving certain harbors and rivers on the easterly shore of Chesapeake Bay, Maryland, namely: Rock Hall, Queenstown, Claiborne, and Cambridge harbors, Chester, Choptank, Warwick, Pocomoke, and Wicomoco rivers, and Tyaskin Creek: Continuing improvement, seventy-four thousand dollars: *Provided*, That the improvement of Rock Hall, Queenstown, and Claiborne harbors shall be made in accordance with the reports submitted in House Documents Numbered respectively Ninety-nine, Ninety-two, and Eighty-one, Fifty-sixth Congress, first session: *Provided further*, That the improvement of Tyaskin Creek shall be made in accordance with the report submitted in House Document Numbered One hundred and nine, Fifty-sixth Congress, first session.
- Provisos.*
Improvements restricted.
- Tyaskin Creek.
- Cape Charles City, Va. Improving harbor at Cape Charles City, Virginia: Continuing improvement, twenty thousand dollars: *Provided*, That no portion of said amount shall be expended until it shall satisfactorily appear to the Secretary of War that equal privileges are granted to all ships desiring to anchor in said harbor, and that access to and the use of wharves in said harbor are granted on payment of reasonable charges.
- Proviso.*
Equal privileges to all ships.
- Milford Haven, Va. Improving harbor at Milford Haven, Virginia: Completing improvement, five thousand dollars.
- Hampton Roads, Va. Improving Hampton Roads, Virginia, by removal of Middle Ground Bar, in accordance with the report submitted in House Document Numbered Ninety-three, Fifty-sixth Congress, first session, ten thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and fifteen thousand dollars, exclusive of the amount herein appropriated.
- Proviso.*
Contracts.
- Norfolk, Va. Improving Norfolk Harbor, Virginia, and its approaches: Continuing improvement, twenty thousand dollars.
- Removal of Hospital Point. Improving said harbor, by removal of Hospital Point, in accordance with the report printed on page thirteen hundred and fifty-five et sequentes of the Report of the Chief of Engineers for eighteen hundred and ninety-seven, ten thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War
- Proviso.*
Contracts.

for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and eighty-three thousand nine hundred and fifty-seven dollars, exclusive of the amount herein appropriated.

Improving harbor at Edenton Bay, North Carolina: Completing improvement, six thousand dollars.

Edenton Bay, N. C.

Improving harbor at Beaufort, North Carolina: For maintenance, three thousand dollars.

Beaufort, N. C.

Improving Charleston Harbor, South Carolina: For maintenance, forty-five thousand dollars: *Provided*, That the unappropriated balance of the amount authorized by the Act of July thirteenth, eighteen hundred and ninety-two, to be expended for completing the twenty-one-foot project in Charleston Harbor, may be applied to the operating of dredges under the twenty-six-foot project of November eighteenth, eighteen hundred and ninety-eight, as modified and approved by the division engineer.

Charleston, S. C.

Proviso.
Use of balance.
Vol. 27, p. 91.

Vol. 30, p. 1125.

Improving the inland waterways between Charleston Harbor, South Carolina, and opposite McClellanville, in accordance with the report submitted by the Chief of Engineers March twenty-six, nineteen hundred and two, fifty thousand dollars, the same to be expended at the end of the route from Charleston northward in procuring a channel of four feet depth and sixty feet bottom width: *Provided*, That all land required for the same shall be relinquished free of cost to the Government.

Inland waterways,
Charleston to McClellanville.

Proviso.
Donation of land.

Winyah Bay, South Carolina: The dredge or dredges employed in connection with the work of improvement at the entrance to Winyah Bay, and such other dredges owned or controlled by the Government as are used on Winyah Bay river systems and canals, may be used in dredging the shoal places between the entrance and the city of Georgetown, South Carolina, over which the least channel depths may at any time be less than at the entrance of the bay; and any expense so caused shall be paid from amounts appropriated or that may be appropriated for said Winyah Bay: *Provided*, That the expense of said dredging added to that of improving the entrance to said bay shall not exceed the total amount appropriated and authorized to be appropriated by Act of June third, eighteen hundred and ninety-six.

Winyah Bay, S. C.
Use of dredges.

Proviso.
Limit of cost.

Vol. 29, p. 207.

Improving Savannah Harbor, Georgia: For maintenance, fifty thousand dollars. The unexpended balance of amounts heretofore appropriated, and now available for the present project, is hereby made available for continuing improvement in accordance with the report submitted in House Document Numbered One hundred and twenty-three, Fifty-sixth Congress, second session: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one million dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That, in the discretion of the Secretary of War, the navigable depth of twenty-eight feet at mean high water may be extended upstream such distance as is required in the interest of navigation, and the channel in front of the city of Savannah may be widened to six hundred feet by the removal of a portion of Hutchinsons Island.

Savannah, Ga.
Maintenance.

Provisos.
Contracts.

Channel.

Improving harbor at Darien, and Dobby Bar, Georgia: Continuing improvement and for maintenance, thirty thousand dollars.

Darien and Dobby
Bar, Ga.

Improving Brunswick Harbor, outer bar, and inner harbor, Georgia: Continuing improvement, one hundred and sixty-five thousand dollars, of which not exceeding forty thousand dollars may be expended on the outer bar in accordance with the report submitted in House Document Numbered One hundred and seventy-nine, Fifty-sixth Congress, sec-

Brunswick, Ga.

ond session, and the Secretary of War may in his discretion apply the amount to be expended on the outer bar upon either of the routes described in said report. The improvement of the inner harbor shall be made in accordance with the report submitted in House Document Numbered Forty, Fifty-sixth Congress, first session. Of the amount herein appropriated, five thousand dollars, or so much thereof as may be necessary, shall be used for maintaining in Academy Creek to the old Altamaha Canal a depth equal to the controlling depth on the shoal at the lower end of the city in East River.

Academy Creek to
old Altamaha Canal.

C. P. Goodyear, etc.
Reimbursement.

C. P. Goodyear, his heirs and assigns, shall be paid for fifty feet excess of width over the contract width of twenty-four feet depth at mean high tide on the outer bar of Brunswick, Georgia, obtained, as shown by the report of H. L. Marinden, the officer detailed to make survey of such work, made to the Secretary of War on the fourth day of December, eighteen hundred and ninety-nine, in the same proportion as he was paid for one hundred feet widths of such depths, namely, twenty thousand dollars; and that for the fifty feet excess of width over contract width of twenty-five feet depth at mean high tide, shown by said report, he or they shall be paid in the same proportion as he was paid for one hundred feet width of twenty-five feet depth, namely, twenty-five thousand dollars.

Carrabelle, Fla.,
East Pass.

Improving East Pass, Carrabelle Harbor, Florida, in accordance with the report submitted in House Document Numbered Sixty-three, Fifty-sixth Congress, first session, twenty thousand dollars.

Biscayne Bay, Fla.
Channel from
Miami to the sea.

Improving Biscayne Bay, Florida, with a view to obtaining a channel eighteen feet deep from the wharves at Miami to the sea by way of the northerly line of the two lines north of Norris Cut, as described in the report submitted in House Document Numbered Six hundred and sixty-two, Fifty-sixth Congress, first session, and a basin of same depth sixteen hundred feet long and five hundred feet wide, adjacent to the wharves at Miami, fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for prosecuting the project, not to exceed in the aggregate two hundred and fifty thousand dollars, exclusive of the amount herein appropriated: *Provided further*, That of the work herein contemplated The Florida East Coast Railway Company shall construct at its own expense, the basin adjacent to the wharves at Miami as herein described, and the portion of the channel from such basin to the east side of the basin proposed in the report herein mentioned, said channel to be not less than eighty-five nor more than one hundred feet in width, as shall be determined by the Secretary of War, and said basin and channel when so constructed by the railway company shall be open to the free and unobstructed use of the public: *Provided further*, That the amounts herein appropriated and authorized shall be expended in constructing and protecting the portion of the channel extending to the sea from the terminus of the channel to be constructed by the railway company, of such approximately uniform depth and of such width as will best serve the interests of navigation, and as can be constructed with the funds herein appropriated and authorized: *Provided further*, That before any part of the appropriation shall be expended, the said railway company shall enter into a contract with the United States satisfactory to the Secretary of War for the performing of its part of the work, and for securing in its portion of the channel and in the said basin practicable depths at least as great as are secured in the portion of the channel to be built by the United States, and for maintaining for a period of three years after the said eighteen-foot channel to be constructed by the Government shall have been obtained, an equal depth in the basin and the channel across the bay; and said contract shall also provide that all craft resorting to Biscayne Bay for commercial purposes may use

Prorisos.
Contracts.

Work by Florida
East Coast Railway
Company.

Public use.

Expenditures.

Contract with rail-
way company.

the wharves and warehouses thereon now owned or controlled, or hereafter built on Biscayne Bay by The Florida East Coast Railway Company, its successors or assigns, for reasonable rates of compensation, and that proper facilities shall be given to all persons or corporations for the shipment of freight to or from said wharves, on the railway tracks of the said company in Miami for like reasonable rates and upon just and reasonable conditions, and in case of disagreement such compensation and conditions shall be determined by the Secretary of War.

Improving northwest entrance to harbor at Key West, Florida: Continuing improvement, including dredging, one hundred thousand dollars.

Key West, Fla.

Improving Hillsboro Bay, Florida: Continuing improvement, one hundred and fifty thousand dollars.

Hillsboro Bay, Fla.

Improving Sarasota Bay, Florida: Continuing improvement and for maintenance, five thousand dollars.

Sarasota Bay, Fla.

Improving harbor at Apalachicola Bay, Florida: Continuing improvement and for maintenance, forty thousand dollars.

Apalachicola Bay, Fla.

Improving harbor at Pensacola, Florida: Continuing improvement and for maintenance, two hundred and twenty thousand dollars; the same to be used toward securing a channel depth of thirty feet and width of five hundred feet from the Gulf of Mexico to the dock line at the east end of the city of Pensacola: *Provided*, That of said amount one hundred and fifty thousand dollars, or so much thereof as may be necessary, may be used for the construction or purchase of a seagoing suction dredge.

Pensacola, Fla.

Proviso.
Dredge.

The sum of thirty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated in addition to the sum of thirty-five thousand dollars appropriated in the river and harbor Act of March third, eighteen hundred and ninety-nine, for the purpose of constructing or purchasing a suitable dredge with snagging outfit, to be used in connection with the several works of river and harbor improvement in the State of Florida.

Dredge with snagging outfit.
Vol. 30, p. 1139.

Improving harbor at Mobile, Alabama: Continuing improvement, three hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary, with the view of ultimately securing a channel twenty-three feet deep and one hundred feet wide at the bottom, with appropriate side slopes, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated, of which amount herein appropriated ten thousand dollars, or so much thereof as may be necessary, may, in the discretion of the Secretary of War, be used in the removal of deadheads, sunken logs, and other obstructions arising from the winter and spring freshets on the rivers entering into Mobile Bay: *Provided further*, That of this appropriation the Secretary of War may, in his discretion, expend a sum not to exceed fifty thousand dollars in deepening and widening the channel through the outer bar near Fort Morgan.

Mobile, Ala.

Provisos.
Contracts.

Removing obstructions.

Channel, Fort Morgan.

Improving harbor at Biloxi, Mississippi: Continuing improvement, ten thousand dollars.

Biloxi, Miss.

Improving the Southwest Pass of the Mississippi River, with a view to obtaining a navigable depth of thirty-five feet in accordance with the report submitted in House Document Numbered Three hundred and twenty-nine, Fifty-sixth Congress, first session, seven hundred and fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be required to prosecute the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two million seven hundred and

Mississippi River.
Southwest Pass.

Proviso.
Contracts.

fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated, and the Secretary of War may, in his discretion, modify the plans described in the said report.

South Pass.
Maintenance of
channel.

Purchase of lands,
etc.

Vol. 31, p. 584.

Examinations and
surveys continued.
Vol. 18, p. 463.
Vol. 25, p. 424.

Calcasieu River, La.

Sabine Pass, Tex.
and La.

Brazos River, Tex.

Aransas Pass, Tex.
Proviso.
Completion of north
jetty.

Removal of obstruc-
tions.

Galveston, Tex.
Maintenance harbor
entrance, etc.

Proviso.
Contracts.

Unexpended appro-
priations available.

South jetty.

Galveston Channel.

Proviso.
Contracts.

The Secretary of War is hereby directed to maintain the channel in the South Pass of the Mississippi River with the utmost efficiency, and for that purpose the dredge boat Beta, or any other available Government dredge, may be used, and the lands and buildings on either side of the South Pass, or such part thereof as in his discretion may be necessary, may be purchased for the United States from the heirs or legal representatives of James B. Eads, deceased, and for the purposes named herein seventy-five thousand dollars is hereby appropriated in addition to the one hundred thousand dollars annually allowed for maintenance in the Act of Congress approved June sixth, nineteen hundred.

The provisions of the Act of March third, eighteen hundred and seventy-five, and of the Act of August eleventh, eighteen hundred and eighty-eight, with regard to examinations and surveys at South Pass, mouth of the Mississippi River, shall remain in force as fully as though they were herein reenacted in express terms, notwithstanding the termination of the contract with the late James B. Eads and associates.

Improving mouth and passes of Calcasieu River, Louisiana: Continuing improvement, seventy-five thousand dollars.

Sabine Pass, Texas and Louisiana: For maintenance of channel, and for repairs of the jetties, one hundred and eighty-five thousand dollars, of which amount twenty-five thousand dollars, or so much thereof as may be necessary, shall be used to improve the main ship channel in accordance with the report submitted in House Document Numbered Seventy, Fifty-sixth Congress, second session.

Improving the mouth of the Brazos River, Texas: Continuing improvement, fifty thousand dollars.

Improving Aransas Pass, Texas: Continuing improvement, two hundred and fifty thousand dollars: *Provided*, That the work at this harbor shall be confined to the completion of the north jetty in accordance with the design and specifications of the Aransas Pass Harbor Company, and in continuation of the work heretofore carried out on said jetty by said company, and to such additional work as may be necessary for strengthening such jetty, and for the removal of such part of the old Government jetty and any other hard material which may interfere with the formation of a channel by the natural action of the currents.

Improving Galveston Harbor, Texas, by maintaining the entrance to said harbor and toward the restoration of the jetties in accordance with the report submitted in House Document Numbered One hundred and thirty-four, Fifty-sixth Congress, second session, three hundred and fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary in prosecuting the project of repairing, restoring, and completing the jetties as recommended in the said report, not to exceed four hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That appropriations heretofore made and unexpended for Galveston Harbor are hereby made available for the above purposes. The Secretary of War is authorized to modify the plan for the south jetty so as to connect and adjust the same with the protection work proposed by the city of Galveston, if found advisable.

Improving Galveston Channel in accordance with the report submitted in House Document Numbered Two hundred and sixty-four, Fifty-sixth Congress, second session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the

Secretary of War for such materials and work as may be necessary to prosecute said project, to be paid for as appropriations may from time to time be made by law not to exceed in the aggregate two hundred thousand dollars exclusive of the amounts herein appropriated: *Provided further*, That the amounts herein appropriated or authorized shall be expended in obtaining a channel from the outer end of the inner bar to Fifty-first street, thirty feet in depth, and of such width in the respective portions thereof as shall best subserve the interests of commerce.

Depth.

The Secretary of War is hereby authorized and directed to appoint a board of engineers to make an examination and prepare plans and estimates for the protection of the port of Galveston and the property of the United States located on Galveston Island from excessive storms, by a breakwater or other means, and submit the same, with a report upon the feasibility, advisability, and cost thereof, and the probable effect of such improvement upon the general condition of that port and its commerce, and the expenses of said board shall be paid from the foregoing appropriation.

Board to submit plans for protection of port.

Expenses.

Deepening the channel from Galveston Harbor to Texas City, Texas: The Secretary of War is hereby authorized and directed, with the consent of the contractors now engaged in said work, or any contractors who may hereafter undertake the same, to modify the contract heretofore entered into for the performance of said work so that payments of five per centum of the whole contract price shall be made from time to time to said contractors for each one thousand linear feet along the length of said channel, whenever it shall satisfactorily appear to the Secretary of War that a depth of twenty-five feet and a width of one hundred feet at the bottom are obtained, until the sum of two hundred thousand dollars has been paid, after which no payments shall be made until the whole channel has been completed to the required width and depth, at which time the balance of the contract price shall be paid. And before such modification shall take effect the contractors for said work shall give bond to the United States, with sufficient surety or sureties, to be approved by the Secretary of War, conditioned upon the complete and faithful performance of said work as originally contracted for within two years from the date of said modification, in the sum of one hundred thousand dollars. The Secretary of War is authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury to pay the amounts which shall be found due the contractors as provided herein, which warrants or requisitions shall be paid by the Secretary of the Treasury out of any money in the Treasury not otherwise appropriated.

Galveston to Texas City, Tex.

Modification of contracts for channel.

Bond.

Payments.

Section two of "An Act to promote the construction of a safe deep-water harbor on the coast of Texas," approved February ninth, eighteen hundred and ninety-one, and as amended March third, eighteen hundred and ninety-nine, is hereby amended so that the said Corpus Christi and Padre Island Harbor Company is hereby authorized and empowered to commence the construction and complete the said harbor off Padre Island, on the coast of Texas, within six years from February ninth, nineteen hundred and two: *Provided*, That work thereon be begun within two years from the time this Act shall go into effect.

Padre Island harbor. Time of construction extended. Vol. 26, p. 741; Vol. 27, p. 422; Vol. 30, p. 1128.

Proviso. Commencement.

Conneaut, Ohio. Contracts.

Improving Conneaut Harbor, Ohio: Continuing improvement and for maintenance, two hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the prosecution of the approved project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Ashtabula, Ohio.	Improving Ashtabula Harbor, Ohio: Continuing improvement and for maintenance, two hundred thousand dollars.
Fairport, Ohio.	Improving harbor at Fairport, Ohio: Continuing improvement and for maintenance, two hundred thousand dollars.
Cleveland, Ohio.	Improving harbor at Cleveland, Ohio: For maintenance and continuing improvement in accordance with the report submitted by the Chief of Engineers in his report for eighteen hundred and ninety-nine on page three thousand and fifty-seven, et sequentes, one hundred and twenty-five thousand dollars: <i>Provided</i> , That the Secretary of War may, in his discretion, dredge to a depth of twenty-five feet in any portion of said harbor and so much of said amount as may be necessary may be used for dredging between the Government piers.
<i>Proviso.</i> Dredging.	
Improvement of harbor entrance.	Improving said harbor in accordance with the report submitted in House Document Numbered One hundred and eighteen, Fifty-sixth Congress, second session, by providing a safer and better entrance at the main entrance to the breakwater in said harbor, and by the construction of a new breakwater, five hundred thousand dollars: <i>Provided</i> , That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for prosecuting said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two million three hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated: <i>Provided further</i> , That the Secretary of War may, in his discretion, construct said breakwater under the last-named project either of stone or of timber cribs with superstructure of concrete, as described in said document, and the center line of such new breakwater shall be constructed upon the prolongation of the center line of the main portion of the existing breakwater, and there shall be no further extension of the deflected portion of the east breakwater beyond what has already been constructed: <i>Provided further, also</i> , That the said breakwater shall be commenced at the westerly end thereof and shall be extended eastwardly so far as the same can be completed with the money available, in one section or in separate sections, as shall be most favorable for the prosecution of the work.
New breakwater. <i>Proviso.</i> Contracts.	
Material, etc.	
Construction of breakwater.	
Lorain, Ohio.	Improving harbor at Black River (Lorain), Ohio: For repairs and maintenance, six thousand dollars.
Huron, Ohio.	Improving harbor at Huron, Ohio: For maintenance, forty thousand dollars.
Sandusky, Ohio.	Improving Sandusky Harbor, Ohio, in accordance with the report submitted in House Document Numbered One hundred and twenty, Fifty-sixth Congress, second session, one hundred and twenty-five thousand dollars.
Port Clinton, Ohio.	Improving harbor at Port Clinton, Ohio: Continuing improvement, five thousand dollars.
Toledo, Ohio.	Improving harbor at Toledo, Ohio: For maintenance, fifteen thousand dollars.
Dredge for Lake Erie.	The Secretary of War is authorized to cause to be purchased or built a suitable dredge, for use in the improvement and maintenance of the harbors upon Lake Erie, at a cost not to exceed one hundred and seventy-five thousand dollars, to be paid for from appropriations made or authorized for the harbors mentioned in this paragraph, and in amounts not exceeding those hereafter mentioned, namely: From the amount authorized to be expended for improving the harbor at Toledo by providing a straight channel through Maumee River and Bay under the river and harbor Act of March third, eighteen hundred and ninety-nine, forty thousand dollars; from the appropriation for Sandusky, forty thousand dollars; from that for Cleveland, forty thousand dollars; from that for Fairport, twenty-five thousand dollars; from that for Ashtabua, twenty thousand dollars; from that for Conneaut, ten thousand dollars; and in case the total expense of said
Limit of cost.	
Appropriations chargeable for.	
Vol. 30, p. 1129.	

dredge shall be less than one hundred and seventy-five thousand dollars, a proportional reduction shall be made from the amounts to be charged to each of said harbors.

Improving inner and outer harbors at Michigan City, Indiana: Continuing improvement and for maintenance, sixty-three thousand dollars. Michigan City, Ind.

Improving harbor at Waukegan, Illinois: Continuing improvement, in accordance with the report submitted in House Document Numbered Three hundred and forty-three, Fifty-sixth Congress, first session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and forty-five thousand dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That the Secretary of War may in his discretion and in case the total cost shall not exceed the limit fixed herein, modify the location of the detached breakwater. Waukegan, Ill.
Provisos.
 Contracts.
 Modification of plans.

Improving Calumet Harbor, Illinois: The Secretary of War is hereby authorized, in his discretion, to amend the project for the improvement of Calumet Harbor by substituting in place of the north and south breakwater therein proposed an extension of the east and west breakwater from the eastern end thereof, not to exceed two thousand five hundred feet in a southeasterly direction: *Provided*, That the whole cost of the said improvement shall not exceed the amount named in the river and harbor Act of March third, eighteen hundred and ninety-nine. Calumet, Ill.
 Modification of plans.
 Limit of cost.
 Vol. 30, p. 1129.

Improving harbor of refuge at Sandbeach, Michigan: For maintenance, seven thousand five hundred dollars. Sandbeach, Mich.

Improving harbor at Cheboygan, Michigan, in accordance with the report submitted in House Document Numbered Six hundred and thirty-six, Fifty-sixth Congress, first session, eight thousand dollars. Cheboygan, Mich.

Improving Saint Joseph Harbor and River, Michigan: For maintenance, twenty-four thousand dollars. Saint Joseph Harbor and River, Mich.

Improving harbor at South Haven, Michigan: For maintenance, twelve thousand dollars. South Haven, Mich.

Improving Saugatuck Harbor and Kalamazoo River, Michigan: For maintenance, fifteen thousand dollars: *Provided*, That the Secretary of War may enter into a contract for such materials and work as may be necessary for the prosecution of the alternative project, involving a new cut to Lake Michigan, submitted in House Document Numbered One hundred and ninety-two, Fifty-fourth Congress, first session, to be paid for as appropriations may be made from time to time, to be made by law, not to exceed in the aggregate one hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated. Saugatuck Harbor and Kalamazoo River, Mich.
Proviso.
 Alternative project.

Improving harbor at Holland (Black Lake), Michigan: Continuing improvement and for maintenance, seventy-three thousand dollars, of which not to exceed five thousand dollars may, in the discretion of the Secretary of War, be used to dredge a channel through the bar in Black Lake near the entrance thereof. Holland, Mich.

Improving harbor at Muskegon, Michigan, in accordance with the report submitted in House Document Numbered One hundred and four, Fifty-sixth Congress, second session, seventy-five thousand dollars. Muskegon, Mich.

Improving harbor at Grand Haven, Michigan: Continuing improvement, ten thousand dollars, of which amount two thousand dollars may, in the discretion of the Secretary of War, be used in dredging up to Spring Lake Harbor. Grand Haven, Mich.

Improving harbor at Ludington, Michigan: Continuing improvement and for maintenance and repairs, seventy-five thousand dollars: Ludington, Mich.

- Provisos.*
Contracts. *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the completion of said project in accordance with the report submitted in House Document Numbered Two hundred and seventy-three, Fifty-fourth Congress, second session, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and sixty-five thousand dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That so much as may be necessary of the funds herein appropriated, or remaining on hand from former appropriations, may, in the discretion of the Secretary of War, be expended for extending the revetment on the north bank of the channel, east of the life-saving station, five hundred and eighty-eight feet.
- Extending revetment.
Manistee, Mich. Improving harbor at Manistee, Michigan: Completing improvement and for maintenance, forty-two thousand dollars.
- Portage Lake, Mich. Improving harbor of refuge at Portage Lake, Michigan: Continuing improvement and for maintenance, fifty-nine thousand dollars.
- Frankfort, Mich. Improving harbor at Frankfort, Michigan: Completing improvement and for maintenance and repairs, fifty-four thousand five hundred dollars.
- Charlevoix, Mich.
Channel to Pine Lake. Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, twenty thousand dollars, to be first expended in obtaining a uniform depth of channel from Lake Michigan to Pine Lake.
- Petoskey, Mich. Improving harbor at Petoskey, Michigan: Continuing improvement and for maintenance, fifteen thousand dollars, and the Secretary of War is hereby authorized to change or modify existing plans: *Provided*, That the total of expenditure shall not exceed the amount estimated to complete under the existing project.
- Proviso.*
Limit of cost. Improving harbor of refuge at Grand Marais, Michigan: Continuing improvement, seventy thousand dollars.
- Grand Marais, Mich. Improving harbor at Marquette, Michigan: Continuing improvement and for maintenance, twenty-six thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the completion of said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate eighty thousand dollars, exclusive of the amounts herein and heretofore appropriated: *And provided further*, That of the sum provided for improvement and maintenance an amount not exceeding seven thousand five hundred dollars may be expended in connecting the Presque Isle breakwater with the shore.
- Presque Isle breakwater.
Ontonagon, Mich. Improving harbor at Ontonagon, Michigan: For maintenance, five thousand dollars.
- Menominee Harbor and River, Mich. Improving Menominee Harbor and River, Michigan and Wisconsin: Continuing improvement, fifty thousand three hundred and fifty dollars: *Provided*, That the improvement of Menominee River shall be made in accordance with the report submitted in House Document Numbered Four hundred and nineteen, first session Fifty-sixth Congress.
- Proviso.*
Plan of improvement. Improving harbors at Pentwater and White Lake, Michigan: Continuing improvement, thirty-five thousand dollars.
- Pentwater and White Lake, Mich. Improving harbor at Racine, Wisconsin: For maintenance and further improvement, twenty thousand dollars, and the Secretary of War is hereby authorized to change or modify the existing project in his discretion, and to make a survey with a view to the protection of the harbor against northeast storms.
- Racine, Wis. Modification of project.
Kenosha, Wis. Improving harbor at Kenosha, Wisconsin: For maintenance and further improvement, five thousand dollars, and the same authority is

given to the Secretary of War as stated in the preceding provision for Racine.

Improving harbor at Milwaukee, Wisconsin, including harbor of refuge: For maintenance, two hundred and thirty-two thousand five hundred dollars, of which amount not to exceed one hundred and fifty thousand dollars may be expended for the maintenance, rebuilding, and repair of the breakwater belonging to the harbor of refuge.

Milwaukee, Wis.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, ten thousand dollars.

Ahnapee, Wis.

Improving harbor at Port Washington, Wisconsin, six thousand dollars.

Port Washington, Wis.

Improving harbor at Oconto, Wisconsin, three thousand dollars.

Oconto, Wis.

Improving harbor at Sheboygan, Wisconsin: For maintenance and for improving said harbor in accordance with the report submitted in House Document Numbered Three hundred and twenty-seven, Fifty-fourth Congress, second session, and the project adopted March third, eighteen hundred and ninety-nine, ninety thousand dollars.

Sheboygan, Wis.
Vol. 30, p. 1131.

Improving harbor at Manitowoc, Wisconsin: For maintenance, eight thousand dollars; for improving said harbor in accordance with the report submitted in House Document Numbered Two hundred and thirty-three, Fifty-sixth Congress, first session, by the extension of the breakwater four hundred feet, thirty-seven thousand dollars: *Provided*, That the Secretary of War shall cause to be made a survey of Manitowoc harbor and river, with an estimate of the cost of improving the same, so as to make the same more available as a harbor of refuge, by the construction of two or more turning basins in said Manitowoc River between the upper and lower bridges of the Wisconsin Central Railway Company, each of a depth of not less than twenty-one feet and of as great a width as is deemed feasible, together with a safe and convenient channel of sufficient width and not less than twenty-one feet in depth from said turning basins to the entrance of Manitowoc Harbor.

Manitowoc, Wis.

Proviso.
Survey, etc.

Improving harbor at Two Rivers, Wisconsin: Continuing improvement, and for maintenance, twenty thousand dollars.

Two Rivers, Wis.

Improving harbor at Kewaunee, Wisconsin: For maintenance, eleven thousand dollars.

Kewaunee, Wis.

Improving harbor at Green Bay, Wisconsin: For maintenance and for improvement in accordance with the report submitted in House Document Numbered Two hundred and thirty-two, Fifty-sixth Congress, first session, with a view of obtaining a channel twenty feet deep from the mouth of Fox River to the city of Green Bay, one hundred and five thousand six hundred dollars.

Green Bay, Wis.

Improving Sturgeon Bay and Lake Michigan Ship Canal and harbor of refuge connected therewith: For maintenance and continuing improvement in accordance with the project for deepening the same to eighteen feet, submitted in House Document Numbered One hundred and seventeen, Fifty-sixth Congress, second session, forty-four thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate the sum of one hundred and seventy-eight thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Sturgeon Bay and Lake Michigan Ship Canal.

Proviso.
Contracts.

Improving harbor at Ashland, Wisconsin: Continuing improvement, and for maintenance, forty thousand dollars.

Ashland, Wis.

Improving the harbor at Port Wing, Wisconsin, in accordance with the report submitted in House Document Numbered One hundred and fourteen, Fifty-sixth Congress, first session, for a harbor of refuge, twenty-five thousand dollars: *Provided*, That no part of said sum shall

Port Wing, Wis.

Proviso.
Conveyance of title.

be expended until the title of the land necessary for the establishment of said harbor, according to said report, shall have been properly and legally conveyed by or through the authorities of Port Wing to the United States Government.

Duluth, Minn., and
Superior, Wis.

Improving harbor at Duluth, Minnesota, and Superior, Wisconsin: Continuing improvement and for maintenance, two hundred thousand dollars, of which not less than one hundred thousand dollars shall be expended in prosecuting the work of rebuilding the piers at the Wisconsin entry of said harbor.

Grand Marais,
Minn.

Improving harbor at Grand Marais, Minnesota: For maintenance, two thousand dollars.

Agate Bay, Minn.

Improving harbor at Agate Bay, Minnesota: For maintenance, two thousand dollars.

Warroad Harbor
and River, Minn.

Improving Warroad Harbor and Warroad River, Minnesota, in accordance with the report submitted in House Document Numbered Ninety-two, second session of the Fifty-sixth Congress, forty-five thousand dollars.

San Diego, Cal.

Proviso.
Contracts.

Improving harbor at San Diego, California: Continuing improvement, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the approved project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and ninety-two thousand eight hundred and fifty dollars, exclusive of the amounts herein and heretofore appropriated.

Wilmington Har-
bor, Cal.

Dredge.

Vol. 29, p. 214.

Improving Wilmington Harbor, California, in accordance with the plan for the partial improvement as submitted in House Document Numbered Three hundred and fifty-seven, Fifty-sixth Congress, first session, including the construction or purchase of a suitable dredge, two hundred and fifty thousand dollars; and the unexpended cash sum appropriated under the Act of June third, eighteen hundred and ninety-six, for the improvement of Wilmington Harbor, California, together with any other unexpended balance heretofore appropriated for said harbor, is hereby authorized to be expended in said improvement.

San Luis Obispo, Cal.

Improving harbor at San Luis Obispo, California: Continuing improvement, fifty thousand dollars.

San Pablo Bay, Cal.
Channel.

Improving San Pablo Bay, California, by constructing a channel between the Straits of Karquines and the Golden Gate, off Point Pinole, Point Wilson, and Lone Tree Point, three hundred feet in width and thirty feet in depth, in accordance with the report submitted in House Document Numbered Eighty-nine, Fifty-sixth Congress, first session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for the completion of said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and eighty-one thousand dollars, exclusive of the amount herein appropriated.

Proviso.
Contracts.

Oakland, Cal.

Improving Oakland Harbor, California, in accordance with the report submitted in House Document Numbered Two hundred and sixty-two, Fifty-sixth Congress, second session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Proviso.
Contracts.

San Francisco, Cal.
Removal of Blossom
Rock.

Vol. 30, p. 1132.

Improving San Francisco Harbor, California, by the removal of Blossom Rock: The river and harbor Act of March third, eighteen hundred and ninety-nine, wherein provision was made for removing Arch Rock and Shag Rocks to a depth of thirty feet below mean low water, is hereby amended so as to include Blossom Rock, and all the

provisions of said Act are hereby made applicable to Blossom Rock as fully as to Arch Rock and Shag Rocks.

Improving entrance to Coos Bay and Harbor, Oregon: For maintenance and continuing improvement and repairing jetty, fifty thousand dollars.

Coos Bay and Harbor, Oregon.

Improving Tillamook Bay and Bar, Oregon: Completing improvement, twenty-seven thousand dollars; and the Secretary of War is authorized and directed to cause to be made a survey and an estimate of the cost of securing channels across said bar of fifteen and twenty feet in depth, respectively.

Tillamook Bay and Bar, Oregon. Surveys, etc.

Improving Olympia Harbor, Washington: Completing improvement, twenty-five thousand dollars.

Olympia, Wash.

Improving Tacoma Harbor, Washington, in accordance with the report submitted in House Document Numbered Seventy-six, Fifty-sixth Congress, second session, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the prosecution of said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate, one hundred thousand dollars exclusive of the amount herein appropriated: *Provided further*, That no part of said amount shall be expended until a release from liability for damages shall be obtained, if any liability exists, arising from a contract between the State of Washington and R. B. Lehman, which said contract is set forth in said document, and the right is obtained, free of charge, to deposit material dredged from said channel upon adjacent tide lands: *Provided further*, That such work shall be so conducted as not to damage the piers or foundations of bridges crossing said waterway, or the wharves adjacent thereto.

Tacoma, Wash.

Provisos.
Contracts.

Restrictions.

Deposit of dredgings.

Damage to piers, etc.

Improving Grays Harbor, inner portion between Aberdeen and the entrance to said harbor, and Chehalis River, Washington: Continuing improvement, fifty thousand dollars.

Grays Harbor, Mich.

Improving New Whatcom Harbor, Washington, in accordance with the report submitted in House Document Numbered Eighty, Fifty-fifth Congress, first session, twenty-five thousand dollars: *Provided*, That no part of this appropriation shall be expended until provision shall have been made, satisfactory to the Secretary of War, to prevent the deposit in the channel to be improved, of sawdust and refuse from the mills.

New Whatcom, Wash.

Proviso.
Mill refuse.

Improving waterway connecting Puget Sound with Lakes Union and Washington, Washington: Continuing improvement, one hundred and sixty thousand dollars: *Provided*, That this appropriation, together with the unexpended balance to the credit of said improvement, shall be expended in securing, by dredging, a low-water channel ten feet in depth from Shilshole Bay through Salmon Bay to the wharves at Ballard: *Provided further*, That a board of engineers shall be appointed by the Secretary of War, who shall make such surveys, examinations, and investigations as may be required to determine the feasibility and advisability of constructing a canal, with necessary locks and dams, connecting Puget Sound with Lakes Union and Washington, of sufficient width and depth to accommodate the largest commercial and naval vessels, and said board shall prepare and report plans and estimates of the cost thereof. Said board shall also examine the route for a similar canal connecting Elliott Bay with Lakes Washington and Union, with a view to determine the feasibility of such route, and shall invite proposals from the Seattle and Lake Washington Waterway Company for the construction of a similar canal over said route connecting Elliott Bay with Lake Washington, and similar proposals for connecting Elliott Bay with Lake Union through Lake Washington, said proposals to specify the time for the completion of each project, and all rights and privileges to be reserved by said company. Said board shall also report

Waterway connecting Puget Sound with Lakes Union and Washington, Wash.

Provisos.
Low-water channel.

Board to report on canal, etc.

Elliott Bay to Lake Union.

upon the relative advantages of all proposed routes. Nothing herein shall be construed as the adoption of any project for the construction of a waterway connecting Puget Sound with Lakes Union and Washington. Said board shall make its reports as above provided for to the next session of Congress.

- Lubec Channel, Me. Improving Lubec Channel, Maine: Completing improvement, fifty-three thousand dollars.
- Bagaduce River, Me. Improving Bagaduce River, Maine: Continuing improvement, three thousand dollars.
- Georges River, Me. Improving Georges River, Maine: Completing improvement, six thousand dollars.
- Kennebec River, Me. Improving Kennebec River, Maine, between Gardiner and Augusta, in accordance with the report submitted in House Document Numbered Two hundred and sixty-two, Fifty-sixth Congress, first session, forty thousand dollars: *Provided*, That the Secretary of War may enter into a contract or contracts for such material and work as may be necessary to complete said improvement, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate forty-one thousand dollars, exclusive of the amounts herein and heretofore appropriated.
- Proviso, Contracts.*
- Cocheco River, N.H. Improving Cocheco River, New Hampshire: Continuing improvement, thirty thousand dollars, of which amount ten thousand dollars may be expended on the Lamprey River.
- Lamprey River.
- Exeter River, N.H. Improving Exeter River, New Hampshire: Completing improvement, seven thousand dollars.
- Lake Champlain Narrows, Vt. Improving the Narrows of Lake Champlain, Vermont: Completing improvement, seventeen thousand five hundred dollars.
- Merrimac River, Mass. Improving Merrimac River, Massachusetts: Continuing improvement, forty thousand dollars, and the Secretary of War shall cause an examination to be made with a view to obtaining a depth of nine feet to Haverhill.
- Mystic and Malden rivers, Mass. Improving Mystic and Malden rivers and Mystic River below the mouth of Island End River, Massachusetts: Continuing improvement, twenty-five thousand dollars.
- Weymouth and Town rivers, Mass. Improving Weymouth and Town rivers, Massachusetts: Continuing improvement, fifteen thousand dollars.
- Taunton River, Mass. Improving Taunton River, Massachusetts: For maintenance and dredging, five thousand dollars.
- Connecticut River, Conn. and Mass. Improving Connecticut River between Hartford, Connecticut, and Holyoke, Massachusetts: For the purpose of further surveys and report upon the project for improving the Connecticut River between Hartford, Connecticut, and Holyoke, Massachusetts a board of three officers of the Engineer Corps, to be designated by the Secretary of War, shall personally make examination of the improvement proposed by the engineer in charge, and report thereon, with reference to the probable cost of said proposed improvement, the commercial advantages, if any, to be derived from such improvement, and such other information as the board may deem essential. In estimating the probable cost of said improvement said board shall take into account both direct and consequential damages and the annual cost of maintaining said improvement, and shall hear all parties interested in said improvement or who may be affected thereby, and twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated to pay the expenses of said board, and for any surveys ordered by it in addition to those already made.
- Board to examine, etc., improvements.
- Estimates.
- Expenses.
- Providence River and Harbor, R.I. Improving Providence River and Harbor, Rhode Island, in accordance with the report submitted in House Document Numbered One hundred and eight, Fifty-sixth Congress, first session, one hundred thousand dollars, to be expended upon the lesser project recommended

in said report, of which amount so much as may be necessary may be used for the removal of Green Jacket Shoal. Removal of Green Jacket Shoal.

Improving Pawtucket River, Rhode Island: Completing improvement, twenty-eight thousand five hundred dollars. Pawtucket River, R. I.

Improving Pawcatuck River, Rhode Island and Connecticut: Continuing improvement, nine thousand dollars. Pawcatuck River, R. I., and Conn.

Improving Thames River, Connecticut: Continuing improvement, fifteen thousand dollars. Thames River, Conn.

Improving Connecticut River below Hartford, Connecticut: Continuing improvement, thirty thousand dollars, of which amount one thousand dollars may be used for the removal of obstructions at the mouth of Salmon River. Connecticut River below Hartford, Conn.

Improving Housatonic River, Connecticut: Continuing improvement, ten thousand dollars. Housatonic River, Conn.

Improving East River and Hell Gate, New York: Continuing improvement, one hundred thousand dollars. East River and Hell Gate, N. Y.

Improving Harlem River, New York: Continuing improvement, seventy-five thousand dollars. Harlem River, N. Y.

Improving Bronx River and East Chester Creek, New York: Continuing improvement, eight thousand dollars. Bronx River and East Chester Creek, N. Y.

Improving Hudson River, New York: Continuing improvement, two hundred and twenty-five thousand dollars, and the Secretary of War may, in his discretion, establish the east line of the improved channel in front of the city of Troy, from the foot of Congress street to the southern end of the city, so as to place it as near as practicable to the existing bulkhead line. And the Secretary of War shall appoint a board of engineers to examine and determine whether existing Government work in connection with the Upper Hudson improvement causes gorges and freshets between Albany and Coxsackie; to report what changes should be made, if any, provided such is the case, together with an estimate of the cost thereof. Hudson River, N. Y. Channel at Troy.

Improving Saint Lawrence River at the head of Long Sault Island, in accordance with the report submitted in House Document Numbered Two hundred and one, Fifty-sixth Congress, second session, forty-eight thousand dollars: *Provided*, That no part of said amount shall be expended until the Saint Lawrence Power Company shall have filed with the Secretary of War an agreement in writing that their canal from the Saint Lawrence River to Massena may be used for all purposes of navigation free from tolls or charges, and to the effect that if in the future a waterway connecting said canal with Grasse River shall be undertaken by the Government, such locks and dams in said canal as may be necessary may be constructed by the Government and authority be given to enter upon and use sufficient land for the construction and operation of such locks and dams without cost. Board to examine, etc., cause of gorges and freshets.

Improving Wappinger Creek, New York: Continuing improvement and maintenance, one thousand five hundred dollars. Saint Lawrence River.

Improving Passaic River, New Jersey, in accordance with the report submitted in House Document Numbered Four hundred and one, Fifty-sixth Congress, first session, from Staten Island Sound through Newark Bay and the said river to the Montclair and Greenwood Lake Railroad bridge with a channel twelve feet deep to the Nairn Linoleum Works, and ten feet deep from that point to the said railroad bridge, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-one thousand dollars, exclusive of the amount herein appropriated. Locks and dams.

Improving Passaic River, New Jersey, in accordance with the report submitted in House Document Numbered Four hundred and one, Fifty-sixth Congress, first session, from Staten Island Sound through Newark Bay and the said river to the Montclair and Greenwood Lake Railroad bridge with a channel twelve feet deep to the Nairn Linoleum Works, and ten feet deep from that point to the said railroad bridge, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-one thousand dollars, exclusive of the amount herein appropriated. Wappinger Creek, N. Y.

Improving Passaic River, New Jersey, in accordance with the report submitted in House Document Numbered Four hundred and one, Fifty-sixth Congress, first session, from Staten Island Sound through Newark Bay and the said river to the Montclair and Greenwood Lake Railroad bridge with a channel twelve feet deep to the Nairn Linoleum Works, and ten feet deep from that point to the said railroad bridge, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-one thousand dollars, exclusive of the amount herein appropriated. Passaic River, N. J.

Improving Passaic River, New Jersey, in accordance with the report submitted in House Document Numbered Four hundred and one, Fifty-sixth Congress, first session, from Staten Island Sound through Newark Bay and the said river to the Montclair and Greenwood Lake Railroad bridge with a channel twelve feet deep to the Nairn Linoleum Works, and ten feet deep from that point to the said railroad bridge, seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and twenty-one thousand dollars, exclusive of the amount herein appropriated. Proviso. Contracts.

- Woodbridge Creek, N. J. Improving Woodbridge Creek, New Jersey, in accordance with the report submitted in House Document Numbered Two hundred and eighty-two, Fifty-sixth Congress, first session, ten thousand dollars.
- Keyport Harbor, etc., N. J. Improving Keyport Harbor, Matawan Creek, Raritan, South, and Elizabeth rivers, and Shoal Harbor and Compton Creek, New Jersey: Continuing improvement and for maintenance, forty-three thousand dollars.
- Rancocas River, N. J. Improving Rancocas River, New Jersey: Continuing improvement on the Lumberton Branch, three thousand dollars.
- Shrewsbury River, N. J. Improving Shrewsbury River, New Jersey: Completing improvement, seventy-five thousand dollars.
- Mantua Creek, N. J. Improving Mantua Creek, New Jersey: Continuing improvement, thirty-five thousand dollars.
- Alloway Creek, N. J. Improving Alloway Creek, New Jersey: Continuing improvement, three thousand dollars.
- Raccoon Creek, N. J. Improving Raccoon Creek, New Jersey, in accordance with the report submitted in House Document Numbered Two hundred and thirty-one, Fifty-sixth Congress, first session, fifteen thousand dollars.
- Tuckerton Creek, N. J. Improving Tuckerton Creek, New Jersey, in accordance with the report submitted in House Document Numbered Two hundred and seventy-four, Fifty-sixth Congress, first session, twelve thousand dollars.
- Delaware River, N. J., Pa., and Del. Improving Delaware River, New Jersey, Pennsylvania, and Delaware, in accordance with the report printed in House Document Numbered Ninety-one, Fifty-sixth Congress, first session, with a view to obtaining a channel six hundred feet wide and thirty feet deep from Christian street, Philadelphia, to deep water in Delaware Bay, six hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the prosecution of the said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two million four hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated.
- Proviso.*
Contracts.
- Allegheny River, Pa. Improving Allegheny River, Pennsylvania: Continuing improvement and for maintenance, ten thousand dollars.
- Six Mile Island dam. The Secretary of War is authorized and directed to prosecute the work of constructing the dam at or near the head of Six Mile Island: *Provided*, That the expenditure shall not exceed the present limit of cost until further estimates shall have been submitted and said limit of cost extended by law.
- Proviso.*
Limit of cost.
- Monongahela River, Pa. Improving Monongahela River, Pennsylvania: For the rebuilding of lock and dam two, in accordance with the report submitted by the engineer in charge, dated February fourth, nineteen hundred and two, two hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for the completion of said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate four hundred and fifty-five thousand nine hundred and sixty-one dollars, exclusive of the amounts herein and heretofore appropriated.
- Proviso.*
Contracts.
- Appoquinimink, etc., rivers, Del. Improving Appoquinimink, Murderkill, and Mispillion rivers, Delaware: For maintenance, fifteen thousand dollars.
- Smyrna River, Del. Improving Smyrna River, Delaware, in accordance with the report submitted in House Document Numbered Ninety, Fifty-sixth Congress, second session, fifteen thousand dollars: *Provided*, That no part of said amount shall be expended until a satisfactory title of the land required for crosscuts and other portions of this improvement shall be obtained without expense to the Government.
- Proviso.*
Title.
- Susquehanna River, Md. Improving Susquehanna River above and below Havre de Grace, Maryland: Continuing improvement, ten thousand dollars.

- Improving Elk River, Maryland: Completing improvement, in accordance with report submitted in House Document Numbered One hundred and five, Fifty-sixth Congress, first session, sixteen thousand six hundred and sixty-five dollars. Elk River, Md.
- Improving Potomac River at the city of Washington, District of Columbia: Continuing improvement, seventy-five thousand dollars. Potomac River, D. C.
- Improving Anacostia River, District of Columbia, with a view to the interests of commerce and navigation, in accordance with such portions of the report submitted in House Document Numbered, Eighty-seven, Fifty-fifth Congress, third session, as relates to section one of said river, being the portion below the Navy Yard bridge, one hundred and fifty thousand dollars. Anacostia River, D. C.
- Improving Rappahannock River, Virginia: Continuing improvement and for maintenance, twenty-five thousand dollars. Rappahannock River, Va.
- Improving York River, Occoquan, Lower Machodoc, Nandua, Aquia, and Carters creeks, Virginia, sixteen thousand dollars. In the improvement of Carters Creek the Secretary of War may, in his discretion, spend an amount sufficient to dredge a channel in the eastern branch near Galley Hook Point so as to afford a depth of twelve feet by a width of one hundred feet. York River, etc., Va.
- Improving Pagan River, Virginia, in accordance with the report submitted in House Document Numbered Eighty-eight, Fifty-sixth Congress, second session, ten thousand eight hundred and seventy dollars. Pagan River, Va.
- Improving James River, Virginia: Continuing improvement, and for extending the improvement of James River to the head of navigation at the docks, in accordance with the report submitted in House Document Numbered Two hundred and thirty-four, Fifty-sixth Congress, first session, three hundred thousand dollars: *Provided*, That no part of said amount shall be expended for turning basins or areas mentioned in said report: *And provided further*, That not more than one-half of said appropriation shall be expended for the improvements above the city line of the city of Richmond. James River, Va.
- Improving Appomattox River, Virginia: For maintenance, seven thousand five hundred dollars. And for the deflection and improvement of the river at Petersburg, Virginia, in accordance with the report submitted in House Document Numbered One hundred and thirty-nine, Fifty-sixth Congress, second session, twenty-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and seventy-five thousand dollars, exclusive of the amounts herein and heretofore appropriated. Appomattox River, Va.
- Improving Little Kanawha River, West Virginia: For maintenance, one thousand dollars: *Provided*, That an estimate shall be made of the probable cost of each of the four locks and dams in said river not owned by the Government, as well as the present condition of said locks and dams, and the probable cost of repair, if any, required, and the advisability of acquiring the same in the interest of navigation upon said river. Little Kanawha River, W. Va.
- Improving inland water route from Norfolk Harbor, Virginia, to Albemarle Sound, North Carolina, through Currituck Sound: Completing improvement, twenty-three thousand four hundred dollars. Norfolk, Va., to Albemarle Sound, N. C. Inland waterway.
- Improving Scuppernong River, North Carolina, in accordance with the report submitted in House Document Numbered One hundred and thirty-one, Fifty-sixth Congress, second session, ten thousand dollars. Scuppernong River, N. C.
- Improving Pamlico and Tar rivers, North Carolina: Completing improvement and for maintenance, thirty-five thousand five hundred dollars. Pamlico and Tar rivers, N. C.

- Neuse and Trent
rivers, N. C. Improving Neuse and Trent rivers, North Carolina: Continuing improvement and for maintenance, twenty thousand dollars, of which amount so much thereof as may be necessary may, in the discretion of the Secretary of War, be expended in deepening the Neuse River at and below Newbern, in accordance with the report submitted in House Document Numbered Three hundred and seventeen, Fifty-fourth Congress, second session. The said Trent River shall be improved in accordance with the report submitted in House Document Numbered One hundred and twenty-one, Fifty-sixth Congress, second session, and of the amount herein appropriated five thousand dollars may be expended at Newbern.
- North East, Black,
and Cape Fear rivers,
N. C. Improving North East and Black rivers and Cape Fear River above Wilmington, North Carolina: Continuing improvement and for maintenance, ten thousand dollars.
- Cape Fear River, N.
C. Locks and dams. Improving Cape Fear River, North Carolina, above Wilmington, in accordance with the report submitted in House Document Numbered One hundred and eighty, Fifty-sixth Congress, second session, fifty thousand dollars, to be expended in obtaining suitable sites for the locks and dams designated in said report.
- Mooring dolphins. Improving Cape Fear River, North Carolina, at and below Wilmington: Continuing improvement and for maintenance, one hundred and fifty thousand dollars, of which amount so much as may be necessary may be used in the construction of mooring dolphins, in accordance with the approved project: *Provided*, That of the amount herein appropriated one thousand dollars, or so much thereof as may be necessary, shall be expended in removing obstructions at the mouth of the Brunswick River, in accordance with the estimates submitted in Senate Document Numbered One hundred and thirty, Fifty-sixth Congress, second session.
- Proviso.*
Removal of obstructions
mouth of Brunswick
River. Improving Fishing Creek, North Carolina: For maintenance, from its mouth to Beach Swamp, two thousand dollars.
- Fishing Creek, N. C. Improving inland waterway between Beaufort Harbor and New River, North Carolina: Continuing improvement and for maintenance, nine thousand five hundred dollars.
- Beaufort Harbor and
New River, N. C.
Inland waterway. Improving Waccamaw River, North Carolina and South Carolina, and Little Pedee River, South Carolina: Continuing improvement and for maintenance, ten thousand five hundred dollars.
- Waccamaw River,
N. C. and S. C.
Little Pedee River,
S. C. Improving Great Pedee River, South Carolina: Continuing improvement, twenty-two thousand five hundred dollars, of which amount twelve thousand dollars shall be expended on the upper portion of said river in accordance with the report submitted in House Document Numbered One hundred and twenty-four, Fifty-sixth Congress, second session: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the improvement on said upper portion, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and six thousand three hundred dollars, exclusive of the amounts herein and heretofore appropriated.
- Proviso.*
Contracts. Improving Santee, Wateree, and Congaree rivers, South Carolina: Continuing improvement and for maintenance, twenty-seven thousand dollars.
- Santee, Wateree, and
Congaree rivers, S. C. Improving inland waterway between Charleston and Beaufort, South Carolina, with a view to a connection between the South Edisto and Ashepoo rivers at or near Fenwicks Island, in accordance with the report printed on pages nine hundred and ninety-nine et sequentes in the report of the Chief of Engineers for eighteen hundred and eighty-eight, thirty thousand dollars.
- Charleston and
Beaufort, S. C.
Inland waterway. Improving Wappoo Cut, South Carolina: Continuing improvement, eight thousand dollars.
- Wappoo Cut, S. C.

Improving Beaufort River, South Carolina: For maintenance, two thousand dollars.	Beaufort River, S. C.
Improving Oconee River, Georgia: Continuing improvement and for maintenance, twenty-five thousand dollars.	Oconee River, Ga.
Improving Altamaha River, Georgia: Continuing improvement, ten thousand dollars.	Altamaha River, Ga.
Improving Chattahoochee River, Georgia and Alabama: Continuing improvement and for maintenance below Columbus, Georgia, one hundred thousand dollars.	Chattahoochee River, Ga., and Ala.
Improving Flint River, Georgia: Continuing improvement, twenty-five thousand dollars.	Flint River, Ga.
Improving Coosa River, Georgia and Alabama, and the Oostenaula and Coosawattee rivers, Georgia, thirty-five thousand dollars, of which amount ten thousand dollars, or so much thereof as may be necessary, shall be expended upon the last-named rivers, and the balance upon the channel of the Coosa River between its source and the site of Lock Numbered Four. From the balance remaining on hand to the credit of the lower portion of said Coosa River between Wetumka and the railroad bridge, a further sum of ten thousand dollars shall be expended upon that portion of said river above the said railroad bridge. And the Secretary of War shall cause a survey to be made of the Coosa and Alabama rivers with a view to determining the advisability of securing six-foot navigation in said rivers, and the probable expense thereof; the said survey shall also contain a report upon the advisability of further prosecuting the present project for locks and dams in the Coosa River, and the expense of such survey or surveys shall be paid from the unexpended balance remaining to the credit of the said lower portion of the Coosa River, between Wetumka and the railroad bridge.	Coosa, etc., rivers, Ga. and Ala. Survey. Expenses.
Improving the inside water route between Savannah, Georgia, and Fernandina, Florida: Continuing improvement, fifteen thousand dollars.	Savannah, Ga., and Fernandina, Fla. Inside waterway.
Improving Indian River, Florida, between Goat Creek and Jupiter Inlet: Continuing improvement, two thousand dollars.	Indian River, Fla.
Improving Volusia Bar, Florida: For maintenance, two thousand dollars, of which amount so much as may be necessary may be expended upon the Saint Johns River between the said Volusia Bar and Lake Monroe.	Volusia Bar, Saint Johns River, Fla.
Improving Orange River, Florida, in accordance with report submitted in House Document Numbered Three hundred and eighteen, Fifty-sixth Congress, first session, Charlotte Harbor and Caloosahatchee River, Florida, from Puntarasa to Punta Gorda, in accordance with the report submitted in House Document Numbered Two hundred and eighty-six, Fifty-sixth Congress, first session, nine thousand five hundred dollars, of which so much as may be necessary may be expended between Puntarasa and Fort Thompson.	Orange River, etc., Fla.
Improving Apalachicola River, Florida, including the cut-off and Lower Chipola River: Continuing improvement, six thousand dollars.	Apalachicola River, Fla.
Improving Kissimmee River, Florida, in accordance with the report submitted in House Document Numbered One hundred and seventy-six, Fifty-seventh Congress, first session, eight thousand dollars.	Kissimmee River, Fla.
Improving Ocklawaha River, Florida: Continuing improvement and for maintenance, two thousand dollars.	Ocklawaha River, Fla.
Improving Choctawhatchee River, Florida and Alabama: Continuing improvement, sixteen thousand dollars, of which amount ten thousand dollars shall be expended for the improvement of the river between Newton and Geneva, and four thousand dollars for dredging the channel at the Cypress Top outlet of said river.	Choctawhatchee River, Fla. and Ala.
Improving Escambia and Conecuh rivers, Florida: Continuing	Escambia and Conecuh rivers, Fla.

improvement, five thousand dollars, the whole or any part of which sum may, in the discretion of the Secretary of War, be expended in dredging a channel to the depth of eight and one-half feet into the mouth of the Escambia River.

Upper Chipola River, Fla.

Improving Upper Chipola River, Florida: Continuing improvement, two thousand dollars.

Removal of water hyacinth.

For the removal of the water hyacinth from the navigable waters of the States of Florida, Texas, and Louisiana, so far as it is an obstruction to navigation, fifty thousand dollars: *Provided*, That the amount herein appropriated and the unexpended balance of amounts heretofore appropriated for this purpose in the States of Florida and Louisiana may, in the discretion of the Secretary of War, be used in exterminating or removing such plant by any mechanical, chemical, or other means whatsoever.

Proviso.
Extermination by mechanical, etc., process.
Vol. 31, pp. 1139, 1141.

Crystal, etc., rivers, Fla.

Improving Crystal, Manatee, Anclote, Suwanee, and Withlacoochee rivers, Florida: Continuing improvement and for maintenance, thirty-five thousand dollars, and the further sum of fifteen thousand dollars, to be used in deepening the channel from the mouth of the Withlacoochee River to the loading pool in the Gulf of Mexico, being a distance of eleven thousand seven hundred and eighty feet, to the depth of eight feet, and to straighten said channel where the same is crooked, and for the maintenance of said channel.

Saint Johns River, Fla.

Improving Saint Johns River, Florida, from Jacksonville to the ocean: Continuing improvement, three hundred and fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute the approved and modified project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate nine hundred and fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That out of said amounts one hundred and fifty thousand dollars may be expended in the construction or purchase of a sea-going suction dredge.

Proviso.
Contracts.

Dredge.

Orange Mills Flats, Fla.

Improving Saint Johns River, Florida, at Orange Mills Flats: Continuing improvement, thirty thousand dollars.

Alabama River, Ala.

Improving Alabama River, Alabama: Continuing improvement, twenty thousand dollars.

Black Warrior, etc. rivers, Ala.

Improving the Black Warrior, the Warrior, and the Tombigbee rivers, Alabama: Continuing improvement with a view to securing a navigable depth of six feet in said rivers from Mobile to Mulberry and Locust forks in said Black Warrior River, three hundred and seventy-four thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for constructing locks and dams one, two, and three in the Tombigbee and Warrior rivers, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate five hundred thousand dollars exclusive of the amounts herein and heretofore appropriated: *Provided further*, That ten thousand dollars

Provisos.
Locks and dams.

From Tuscaloosa to Demopolis.

of the amounts herein or heretofore appropriated for said project may, in the discretion of the Secretary of War, be expended for continuing improvement and for maintenance on said river from Tuscaloosa to Demopolis; and the Secretary of War is authorized and directed to cause a survey to be made to determine the location of the necessary lock sites in Tombigbee River between Demopolis and McGrews Shoals, and of locks five and six in the Black Warrior. An unexpended balance of fourteen thousand dollars remaining from the appropriation heretofore made for the construction of locks and dams Numbered Four, Five, and Six on the Warrior River is hereby transferred to be expended for the improvement of Black Warrior River in the completion of Lock Numbered Four.

Lock sites.

Improving Tombigbee River, Alabama, from the mouth to Demopolis: For maintenance, twenty thousand dollars: *Provided*, That four thousand dollars thereof may, in the discretion of the Secretary of War, be expended between Columbus and Walkers Bridge, Mississippi.

Tombigbee River, Ala.
Provido.
Columbus and Walkers Bridge, Miss.

Improving Pascagoula River and its tributaries, the Chickasabay and Leaf rivers, Mississippi: For maintenance, eight thousand five hundred dollars.

Pascagoula, etc., rivers, Miss.

Pascagoula River, Mississippi: Continuing improvement with a view to obtaining a seventeen-foot channel, from three miles above the mouth of Dog River to the seventeen-foot contour in Mississippi Sound, one hundred and fifty feet wide above railroad bridge and three hundred feet below, in accordance with the report submitted in House Document Numbered Two hundred and eleven, Fifty-fourth Congress, second session, twenty-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for the prosecution of said work, to be paid for as appropriations may from time to time be made by law, not exceeding in the aggregate one hundred and twenty-five thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Channel.

Provido.
Contracts.

Improving Pearl River between Edinburg and Jackson, Mississippi, three thousand dollars.

Pearl River, Miss.

Improving Pearl River below Rockport, Mississippi: For maintenance, seven thousand dollars.

Improving Yazoo River and its tributaries, the Tallahatchie and Big Sunflower rivers, Mississippi: Continuing improvement and for maintenance, fifty-five thousand dollars, of which amount a sum not exceeding four thousand dollars shall be used for the removal of obstructions at the lower end of Tchula Lake, and the unexpended balance of two thousand and thirty-six dollars and fourteen cents for construction of pumping dredge boat, and of five thousand dollars for removing the bar at Yazoo City, is hereby transferred to the fund for the general improvement of the river.

Yazoo River, etc., Miss.

Removal of obstructions.

Balances available.

Improving Homochitto River, Mississippi: For maintenance, two thousand dollars.

Homochitto River, Miss.

Improving Bogue Chitto, Chefuncte River, Bogue Falia, Tickfaw River and tributaries, Amite River, and Bayou Manchac, Louisiana, nine thousand five hundred dollars.

Bogue Chitto, etc., La.

Improving Bayou Bartholomew, Boeuf River, Tensas River, and Bayou Macon, and Bayous D'Arbonne and Corney, Louisiana: For maintenance, fifteen thousand dollars.

Bayou Bartholomew, etc., La.

Improving Red River, Louisiana, Arkansas, Texas, and Indian Territory: Continuing improvement, one hundred and thirty-five thousand dollars, of which amount ten thousand dollars may be spent above Fulton, Arkansas, and fifteen thousand dollars may, in the discretion of the Secretary of War, be spent in the improvement of the channel at Shreveport, Louisiana; and the unexpended balance of amounts heretofore appropriated for Little River from Scopini Cut-off to Knox Point and for Sulphur River is hereby transferred to the fund for the general improvement of Red River.

Red River, La., Ark., Tex., and Ind. T.

Bayou Lafourche, Louisiana, for maintenance, seven thousand five hundred dollars.

Bayou Lafourche, La.

Improving Bayou Teche, Louisiana: For maintenance, seven thousand five hundred dollars.

Bayou Teche, La.

Improving Bayou Vermilion, Channel, Bay, and Passes, and Mergentau River and tributaries, Louisiana, eleven thousand five hundred dollars.

Bayou Vermilion, etc., La.

Improving mouths of Sabine and Neches rivers, Texas, in accordance with House Document Numbered Two hundred and ninety-nine, Fifty-fourth Congress, second session, by connecting the same with Sabine Pass by a channel eight feet deep through Sabine Lake: Con-

Sabine and Neches rivers, Tex.

Provisos. Route.	<p>tinuing improvement, one hundred and twenty-five thousand dollars: <i>Provided further</i>, That in the discretion of the Secretary of War he may select a route at or near the west shore of said lake, and said channel may be connected with Port Arthur Canal: <i>Provided further</i>, That, in case such connection is made, boats shall be allowed to pass through the said canal without payment of any tolls.</p>
Free use of canal.	<p>In case funds shall be furnished by the citizens of Orange and Beaumont or in any other way to secure a channel along the route herein described of a greater depth than eight feet, the amount herein appropriated may be expended in securing a greater depth than herein designated.</p>
Securing greater depth.	<p>Galveston Ship Channel and Buffalo Bayou, Texas: Continuing improvement, three hundred thousand dollars: <i>Provided</i>, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be required to prosecute said improvement, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate seven hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated. The amounts herein appropriated and authorized shall be expended in developing the proposed channel in divisions one and two to a uniform depth: <i>Provided further</i>, That not more than one-half of said amounts shall be expended upon division two.</p>
Galveston Ship Channel, etc., Tex. Proviso. Contracts.	<p>Improving Trinity River, Texas, in accordance with the report submitted in House Document Numbered Four hundred and nine, Fifty-sixth Congress, first session, one hundred and twenty-five thousand dollars: <i>Provided</i>, That the Secretary of War may enter into a contract or contracts for materials and work to prosecute the project recommended in said report, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and seventy-five thousand dollars, exclusive of the amount herein appropriated: <i>Provided further</i>, That three hundred and fifty thousand dollars of the amounts herein appropriated and authorized shall be expended to construct locks and dams upon the river between the mouth and section one, in those places where the most serious obstructions exist, and to procure and operate snag boats, and clear the river with the purpose of permitting through navigation over the portion above described; and the sum of fifty thousand dollars of the amount herein appropriated shall be expended for the purpose of securing open channel navigation in section one of said river, and a board of engineers shall be designated by the Secretary of War to examine section one of said river as described in said House document, and report upon the feasibility and advisability of expending the further sum of three hundred and fifty thousand dollars with a view to securing not less than eight months' navigation annually upon the said section one to Dallas.</p>
Expenditures on division two.	<p>Improving Brazos River between Velasco and Richmond, Texas, and mouths of adjacent streams: Continuing improvement, fifty thousand dollars: <i>Provided</i>, That so much thereof as may be necessary may be used in the operation of the dredge provided for this work, and the purchase of the canal from West Galveston Bay to the mouth of the Brazos at a price not to exceed thirty thousand dollars from the amount herein appropriated, if in the discretion of the Secretary of War such purchase be deemed advisable.</p>
Trinity River, Tex.	<p>Improving the Brazos River, Texas, from Richmond to Old Washington, in accordance with the second plan of the report submitted in House Document Numbered Two hundred and eighty-three, Fifty-sixth Congress, second session, one hundred and fifty thousand dollars.</p>
Provisos. Contracts.	<p>Improving Cedar Bayou, Texas: Maintaining improvement, five thousand dollars: <i>Provided</i>, That the dredge constructed for use in this locality shall be available for this work.</p>
Locks and dams.	
Open channel.	
Board to examine, etc.	
Brazos River, Tex.	
Proviso. Purchase of canal.	
From Richmond to Old Washington, Tex.	
Cedar Bayou, Tex.	
Proviso. Use of dredge.	

Improving Arkansas River, Arkansas, including the general improvement and removing obstructions and operating snag boats: Continuing improvement and for maintenance, one hundred and ten thousand dollars: *Provided*, That the Secretary of War may, in his discretion, use so much of said sum as will be necessary to construct and operate a suitable dredge boat or boats to keep open a low-water navigable channel in said river so far up said river as he may deem advisable.

Arkansas River, Ark.

Proviso.
Low-water channel.

Improving White River, Arkansas: Continuing improvement and for maintenance, twenty-two thousand dollars, of which amount seven thousand five hundred dollars, or so much thereof as may be necessary, may, if required in the interest of commerce and navigation, be used to prevent a cut-off in said river between Choctaw Railway bridge and the town of Duvalls Bluff.

White River, Ark.

Improving Black River, Arkansas and Missouri: Continuing improvement and for maintenance, twenty-one thousand seven hundred dollars.

Black River, Ark. and Mo.

Improving Cache River, Arkansas: Continuing improvement and for maintenance, two thousand dollars.

Cache River, Ark.

Improving Upper White River, Arkansas: For the completion of Locks and Dams Numbered One and Two, and the construction of Lock and Dam Numbered Three, authorized in the river and harbor Act of March third, eighteen hundred and ninety-nine, two hundred and seventy thousand dollars.

Upper White River, Ark.
Locks and dams.

Improving the Ouachita and Black rivers, Arkansas and Louisiana: For maintenance and completion of survey for locks and dams, thirty-one thousand five hundred dollars; for constructing two locks and dams, including surveys and acquisition of site for same, one near Monroe, Louisiana, known as Lock Four, and the other near Rolands Raft, Arkansas, known as Lock Six, according to the project submitted in House Document Numbered Four hundred and forty-eight, Fifty-seventh Congress, first session, eighty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the work of constructing said locks and dams, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate three hundred and fifty-three thousand nine hundred and fifty-four dollars, exclusive of the amounts herein and heretofore appropriated.

Ouachita and Black rivers, Ark. and La.

Locks and dams.

Proviso.
Contracts.

Improving Current River, in Arkansas and Missouri: Continuing improvement and for maintenance, six thousand nine hundred dollars.

Current River, Ark. and Mo.

Improving Saint Francis and L'Anguille rivers, Arkansas: Continuing improvement and for maintenance, nine thousand dollars.

Saint Francis and L'Anguille rivers, Ark.

To repair the Government levee heretofore constructed to prevent the cutting through the space dividing the Mississippi and Saint Francis rivers in the vicinity of Walnut Bend, Arkansas, and to extend the same about seven thousand feet to Wheel Ridge, in said State, as recommended by the Chief of Engineers in Senate Executive Document Numbered One hundred and four, Fifty-third Congress, second session, ninety thousand dollars, to be expended under the direction of the Mississippi River Commission.

Mississippi River Commission.
Repair, etc., Government levee.

Improving Tennessee River from Riverton to the mouth: Continuing improvement and for maintenance, nineteen thousand dollars.

Tennessee River.

Improving Tennessee River: Continuing improvement at Colbert and Bee Tree Shoals by the construction of a lateral canal, two hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary for prosecuting the work of constructing said lateral canal, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate four hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Construction of lateral canal.

Proviso.
Contracts.

Improving Tennessee River above Chattanooga: Continuing im-

Above Chattanooga.

Proviso.
Richland Creek.

provement, fifty thousand dollars: *Provided*, That so much thereof as may be necessary may, in the discretion of the Secretary of War, be expended upon Richland Creek, to facilitate navigation and the landing of boats at that point.

French Broad and
Little Pigeon rivers,
Tenn.

Improving French Broad and Little Pigeon rivers, Tennessee: Continuing improvement and for maintenance, fifteen thousand dollars.

Cumberland River,
Tenn.
Post, p. 408.

Improving Cumberland River, Tennessee, below Nashville: Continuing improvement and for maintenance, two hundred thousand dollars, of which so much as may be necessary shall be used for the completion of Lock and Dam Numbered One.

Lock and Dam No. 1.
Post, p. 408.

Improving Cumberland River, Tennessee, above Nashville: For the completion of Lock and Dam Numbered One and for maintenance, one hundred and five thousand dollars. And the Secretary of War is hereby authorized, in his discretion, to grant leases or licenses to the highest responsible bidder for the use of the water power created by said dam, at such a rate and on such conditions and for such periods of time as may seem to him expedient; and he is also authorized, in his discretion,

Lease of water
power.

to issue permits for the construction, maintenance, and operation of inlet and outlet canals and other structures, on such plans as he may approve, for the diversion of water aforesaid: *Provided*, That any lease or license so granted shall be limited to the use of the surplus water not required for navigation, and no structures shall be built and no operations be conducted which shall in any manner injure navigation, interfere with the operations of the Government, or impair the usefulness of any improvement made by the Government for the benefit of navigation; and the right of Congress to alter, amend, or repeal the provisions of this paragraph is hereby expressly reserved: *Provided further*, That before leasing or licensing such water privileges, or issuing permits for the construction and operation of such canals, or otherwise disposing of any water power or privilege, the Secretary of War shall first advertise the same in one or more daily papers at Nashville, for sixty days immediately preceding, stating specifically the right or privilege proposed to be leased or conveyed, with its exact limitations, inviting bids for the same, and he may, in his discretion, then lease the same for a specific term of years at so much per year, to be paid semiannually in cash into the Treasury, and the Secretary of War shall reserve the right to reject any or all bids.

Canals.

Proviso.
Restrictions.

Right to amend,
etc., reserved.

Advertising.

Bids.

Clinch, Hiwassee,
and Holston rivers,
Tenn.

Improving Clinch, Hiwassee (to the mouth of the Ocoee), and Holston rivers, Tennessee, by clearing channels in the same in accordance with the recommendations set forth in the report of the Chief of Engineers for nineteen hundred and one, eighteen thousand dollars.

Obion and Forked
Deer rivers, Tenn.

Improving Obion and Forked Deer rivers, Tennessee: For maintenance, four thousand five hundred dollars.

Big Sandy River,
etc., W. Va. and Ky.

Improving Big Sandy River, including Levisa Fork and Tug Fork, West Virginia and Kentucky: For maintenance, three thousand dollars.

Vol. 30, p. 1143.

Improving the Big Sandy River and Tug and Levisa forks of the same, West Virginia and Kentucky; the former in accordance with the river and harbor Act of March third, eighteen hundred and ninety-nine; the latter in accordance with the report submitted in House Document Numbered Two hundred and thirty-five, Fifty-sixth Congress, second session, one hundred and seventy-five thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be required to prosecute work upon the said projects, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred and seventy-five thousand dollars, exclusive of the amounts herein or heretofore appropriated. Of the said amounts appropriated and authorized, so much thereof as may be necessary shall be expended for completing the two locks and dams upon the Big Sandy River; of the balance so much thereof as may be necessary shall be used in

Proviso.
Contracts.

purchasing a site for a lock and dam, and the construction of a lock on each of the said forks next above their junction, and any remaining sum may be expended in raising the crest of the lock and dam at or near Louisa in the Big Sandy River.

Green River, Kentucky: Continuing improvement above the mouth of Big Barren River by the construction of Lock and Dam Numbered Six, one hundred and eighty thousand dollars.

Improving Ohio River from its head to its mouth: Continuing improvement, four hundred thousand dollars, of which amount twenty-one thousand dollars, or so much thereof as may be necessary, shall be expended in the construction of an ice pier at Maysville, Kentucky; forty-one thousand dollars in the improvement of the Falls of the Ohio near Louisville: *Provided*, That not to exceed three thousand dollars of this appropriation, or so much thereof as may be necessary, may be used, in the discretion of the Secretary of War, in removing the deposits of every description which have accumulated at and near the ice piers now standing at various places along said river: *Provided further*, That twenty-five thousand dollars of this appropriation, or so much thereof as may be necessary, may be used, in the discretion of the Secretary of War, for the improvement of the levee at Shawneetown, Illinois, so far as the same is in the interest of navigation.

The unexpended balances of funds appropriated by the river and harbor Acts of eighteen hundred and eighty-six, eighteen hundred and ninety, and eighteen hundred and ninety-four, for the construction of ice piers in the Ohio River at Ripley, Portsmouth, Pomeroy Center, Kerrs Run (upper Pomeroy), Hartford City, Ironton, Ashland, Middleport, and Gallipolis, may, in the discretion of the Secretary of War, be expended in rebuilding in a permanent and substantial manner the ice piers constructed at Middleport and Gallipolis.

The unexpended balance of funds appropriated by the river and harbor Act of June, third, eighteen hundred and ninety-six, for the construction of ice piers in the Ohio River at Middleport, Syracuse, and at or near the mouth of Big Hocking River, may, in the discretion of the Secretary of War, be expended in constructing in a permanent and substantial manner one ice pier at or near the mouth of the Big Hocking River, such construction to include removal, as far as practicable, of the rock reef in the harbor to be formed by such pier.

Improving Ohio River: Continuing construction of Locks and Dams Numbered Two, Three, Four, Five, and Six, two hundred and seventy-five thousand dollars, of which amount one hundred and seventy-five thousand dollars, or so much thereof as may be necessary, shall be expended in completing Lock and Dam Numbered Six: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be required to prosecute the construction of Locks and Dams Numbered Two, Three, Four, and Five for an amount not to exceed three hundred thousand dollars, to be paid for as appropriations may from time to time be made by law, exclusive of the amounts herein and heretofore appropriated. An examination at and below Pool Numbered One in said river shall be made with a view of securing increased depth and additional harbor facilities for the city of Pittsburg, and the estimate of the cost thereof shall be submitted.

For improving Ohio River, Pennsylvania: For surveys and purchase of site for Lock and Dam Numbered Seven, twenty-three thousand dollars, and any part thereof which may not be required for such purpose shall be available for construction of said lock and dam.

Improving Ohio River: Continuing improvement by the construction of a Lock and Dam Numbered Thirty-seven at Home City, between Cullums Ripple and Medoc Bar, below Cincinnati, Ohio, in accordance with the report submitted in House Document Numbered Three hun-

Green River, Ky.

Ohio River.
From head to mouth.

Ice pier, Maysville, Ky.
Falls of the Ohio.

Provisos.
Removal of deposits.

Shawneetown, Ill.

Middleport and Gallipolis, Ohio.
Unexpended balances for ice piers.
Vol. 24, p. 327.
Vol. 26, p. 446.
Vol. 28, p. 355.

Ice pier mouth of Big Hocking River.
Vol. 29, p. 225.

Locks and Dams Nos. 2, 3, 4, 5, and 6.

Proviso.
Contracts.

Pittsburg, Pa.
Estimate for additional harbor facilities.

Lock and Dam No. 7.

Lock and Dam No. 37.

Proviso.
Contracts.

dred and thirty-six, Fifty-seventh Congress, first session, one hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the said lock and dam, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate nine hundred and fifty thousand dollars, exclusive of the amount herein appropriated.

Movable Dam No. 8.

Improving Ohio River: Continuing improvement at movable Dam Numbered Eight in accordance with the report submitted in House Document Numbered One hundred and twenty-two, Fifty-fifth Congress, third session, to be used for the survey, acquisition of site for lock and dam, and construction of lock, fifty thousand dollars:

Survey, etc.

Proviso.
Contracts.

Provided, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the lock for said dam, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and fifty thousand dollars, exclusive of the amount herein appropriated.

Movable Dam No. 11.

Improving Ohio River: Continuing improvement at movable Dam Numbered Eleven in accordance with the report submitted in House Document Numbered One hundred and twenty-two, Fifty-fifth Congress, third session, to be used for the survey, acquisition of site for lock and dam, and construction of lock, fifty thousand dollars:

Proviso.
Contracts.

Provided, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete the lock for said dam, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate two hundred and fifty thousand dollars, exclusive of the amount herein appropriated.

Movable Dam No. 19.

Improving Ohio River between Marietta and the mouth of the Big Miami River, at Movable Dam Numbered Nineteen, in accordance with the report submitted in House Document Numbered Three hundred and thirty-six, Fifty-seventh Congress, first session, to be used for the survey, acquisition of site for dam, and construction of dam, twenty-five thousand dollars.

Bridge obstructions
to navigation. and
Investigation and
report ordered.

The Secretary of War is authorized and directed to prepare a list of the bridges upon the Ohio River which are an impediment to safe and convenient navigation, and the nature and extent of the modifications required in each of them, and report the same to Congress, together with information as to whether necessary changes in said bridges, or any of them, can be secured under existing law, and, if not, what legislation is necessary in order to secure proper changes or modifications in said bridges, respectively, and an estimate of the cost thereof on each bridge: *Provided*, That the Attorney-General is authorized and directed to furnish, upon the request of the Secretary of War, an opinion upon the question whether the owners of these bridges, or any of them, can be required, under existing laws, to make the necessary changes at their own expense, and, if further legislation is required, whether by such legislation the owners of such bridges, or any or either of them, can be required to make such changes and modifications at their own expense or whether such changes or modifications, or any or either of them, must be borne by the United States, which opinion shall accompany the report of the Secretary of War to Congress.

Proviso.
Cost of changes.

Muskingum River,
Ohio.

Improving Muskingum River, Ohio: Continuing improvement, ten thousand three hundred dollars.

Detroit River, De-
troit to Lake Erie.

Improving Detroit River, from Detroit to Lake Erie, in accordance with the report submitted in House Document Numbered Seven hundred and twelve, Fifty-sixth Congress, first session, and designated as "Plan A," five hundred thousand dollars, of which amount the Secre-

tary of War may expend ten thousand dollars in the said river north and west of Grosse Isle for the deepening of the channel to Wyandotte, Michigan: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one million two hundred and fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated.

Proviso.
Contracts.

Improving Saint Clair Flats Canal, in Lake Saint Clair, in accordance with the report submitted in House Document Numbered Two hundred and thirty-four, Fifty-sixth Congress, second session, three hundred and thirty thousand dollars.

Saint Clair Flats Canal.

Improving Black River, at the mouth, and Rouge River, also the harbor of Monroe, Michigan: For maintenance, seven thousand five hundred dollars.

Black River, etc., Mich.

Improving Clinton River, Michigan: The Secretary of War is hereby authorized, in his discretion, to use any sums heretofore appropriated and now unexpended, in extending the channel up to the entrance of the Old Clinton and Kalamazoo Canal.

Clinton River, Mich.

Improving Saginaw River, Michigan: Continuing improvement and for maintenance, fifty thousand dollars: *Provided*, That one-half of said amount may be expended above and one-half below the county line between Saginaw and Bay counties, and of the amount to be expended above said county line the Secretary of War may expend, in his discretion, not to exceed twelve thousand five hundred dollars, from the amount herein appropriated, for improvement above the said county line, in dredging Flint, and Shiawassee rivers and Bad River up as far as Saint Charles, in accordance with House Document Numbered One hundred and thirty-five, Fifty-fifth Congress, second session.

Saginaw River, Mich.
Proviso.
Expenditures.

Improving Middle and West Neebish channels, Saint Marys River, Michigan, in accordance with the report submitted in House Document Numbered One hundred and twenty-eight, Fifty-sixth Congress, second session, five hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be required to prosecute said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate four million dollars, exclusive of the amounts herein appropriated and heretofore appropriated for the improvement of Hay Lake Channel. And the Secretary of War is authorized, in his discretion, to first complete the work on said channel between Hay Lake and Mud Lake.

Saint Marys River, Mich.
Middle and West Neebish channels.

Proviso.
Contracts.

Subject to the express precedent conditions hereinafter mentioned, the Michigan Lake Superior Power Company, of Sault Sainte Marie, Michigan, its successors and assigns, after first obtaining consent of the Secretary of War and the Chief of Engineers and their approval of the said canal and remedial works proposed, is hereby authorized to divert water from the Saint Marys River into its water-power canal now being constructed at Sault Sainte Marie, Michigan, for water-power purposes while and so long as such works and diversion of water from said river shall not injuriously affect navigation therein, nor impair or diminish the water levels or any natural increase thereof either in Lake Superior or in the United States ship canal and locks or the navigable channels, locks, or ship canals connected therewith, whether natural or artificial, now existing or which may hereafter be established or created by the United States for navigation purposes. And conditioned further, that said company shall establish, maintain and operate suitable and sufficient remedial and controlling works in the rapids of said river, to the approval of the Secretary of War and the Chief of Engineers; and said company shall maintain and operate said canal and works in accordance with any rules and regulations that may here-

Channel, Hay Lake to Mud Lake.

Water-power canal at Sault Sainte Marie, Mich.

Diversion of water into.

Protection to water levels.

Secretary of War to prescribe regulations.

after be recommended by any International Commission and that shall become operative. Whenever, in the judgment of the Secretary of War, the operation of said canal and remedial and controlling works, or either of them, either in themselves or in conjunction with any other canal or canals in the United States or Canada which now or hereafter may exist, is injuriously affecting water levels or the navigation of Lake Superior, the River Saint Marys or other channels, locks or ship canals connected therewith as hereinbefore provided, he shall impose upon said Company such rules and regulations for the operation of said canal and remedial works, as may, in his opinion, be necessary to prevent such injury. It shall become his duty, and he shall have the authority to enter upon the property of said company and to close said canal in whole or in part to the extent necessary to maintain water levels and to require said Company, at its own expense, to remove, add to or modify said works or any part thereof to the extent necessary to maintain water levels. Neither the Secretary of War nor the Chief of Engineers or any officer or other person acting under direction of them or either of them, shall be in any way liable by reason of anything done in the execution of this provision.

Maintenance of water levels.

Nonliability.

Remedies.

All remedies herein provided however, shall be cumulative and shall be without prejudice to any other remedies either of the United States or of individuals for failure of said Company to maintain said levels for navigation purposes as herein provided.

Riparian rights.

Nothing herein contained shall be held to affect any existing riparian or other rights of any person or corporation, or the existing remedies therefor, or any action at law or equity now pending. The right is hereby expressly reserved to Congress to alter, amend or repeal the provisions contained in this paragraph.

Right to amend, etc.

Unexpended balances. Distribution.

The unexpended balances remaining from appropriations for Saint Marys River at the Falls shall be expended as follows: Twenty thousand dollars, or so much thereof as may be necessary, at the Sailors Encampment, with a view to avoid collisions and groundings at that point; twenty thousand dollars, or so much thereof as may be necessary, to pay the salaries and expenses of the commission created by section four herein; of the remainder, a sufficient amount may be expended for the completion and further improvement of the Saint Clair Flats Canal heretofore referred to and described in House Document Numbered Two hundred and thirty-four, Fifty-sixth Congress, second session. So much of the balance remaining after the diversions above set forth as may not be required for work under the existing project shall be expended for the widening and improvement of the Saint Marys Falls Canal above the locks, in accordance with the project submitted in House Document Numbered One hundred and twenty-eight, Fifty-sixth Congress, second session. The provision of section four of the Act approved June sixth, nineteen hundred, entitled "An Act making provision for emergencies in river and harbor works, and so forth," giving authority to divert from the fund herein described an amount not exceeding one hundred thousand dollars to restore and make available a channel formerly used through Lake George Channel, is hereby repealed.

International commission. Post, p. 373. Saint Clair Flats Canal.

Saint Marys Falls Canal.

Vol. 31, p. 586.

Diversion of funds for Lake George Channel repealed.

Grand River, Mich.

Improving Grand River, Michigan: Continuing improvement, with the view of extending the same as far north as Fulton street, Grand Rapids, one hundred and fifty thousand dollars, of which one hundred thousand dollars, or so much thereof as may be necessary, may be used for the purchase or construction of a dredging plant.

Fox River, Wis.

Improving Fox River, Wisconsin: Continuing improvement, seventy thousand dollars, of which amount forty thousand dollars, or so much thereof as may be necessary, may, in the discretion of the Secretary of War, be expended in the construction or purchase of a suitable dredge; and five thousand dollars, or so much thereof as may be neces-

sary, shall be used in dredging Calumet Harbor and further improving the Stockbridge harbor of refuge on the east shore of Lake Winnebago, Wisconsin; and ten thousand dollars, or so much thereof as may be necessary, shall be used to remove bars and snags from, and to otherwise improve Wolf River, Wisconsin, and for dredging and otherwise improving Miller Bay on the west shore of Lake Winnebago, Wisconsin, for the purpose of making it more available as a harbor of refuge.

Improving Saint Croix River, Wisconsin and Minnesota: For maintenance, two thousand dollars.

Saint Croix River, Wis. and Minn.

Improving Red River of the North and its tributaries, Minnesota and North Dakota: Continuing improvement and for maintenance, ten thousand dollars.

Red River of the North, etc., Minn. and N. Dak.

The Secretary of War is hereby directed to ascertain and determine the advisability of removing the dam at or near the mouth of Minnesota River, in the State of Minnesota, and, in case he determines that the removal of said dam is advisable, he is authorized to remove the same; and the sum of two thousand five hundred dollars is hereby appropriated for that purpose.

Minnesota River, Minn. Removal of dam.

Improving Wabash River, Indiana and Illinois, below Vincennes: Continuing improvement, five thousand dollars; which amount, together with the unexpended balance of any appropriations heretofore made for the improvement of said river, or so much thereof as may be necessary, may be expended in making a survey and estimate of the cost of improving said Wabash River below Vincennes, with a view to the necessities of commerce, and in making a proper examination of the Wabash River above Vincennes to Perrysville, also of the Little Wabash River to Carmi. In case, on such preliminary examination favorable reports shall be made the Secretary of War may in his discretion direct detailed surveys of the same to be made.

Wabash River, Ind. and Ill.

Improving Illinois River, Illinois: Continuing improvement, seventy-five thousand dollars.

Illinois River, Ill.

Improving Calumet River, Illinois and Indiana: Continuing improvement, seventy-five thousand dollars: *Provided*, That said amount, or so much thereof as may be necessary, shall be applied in dredging to a depth of twenty feet from where said depth now exists up to One hundred and twenty-second street, in the city of Chicago, and to a depth of sixteen feet from said One hundred and twenty-second street up to the forks of said river, and from the forks of said river to a depth of ten feet up to a point one-half mile above Hammond, in the State of Indiana, and an examination shall be made with a view to securing a navigable channel of twenty-two feet from the mouth of said river to One hundred and sixth street, in the city of Chicago, and twenty feet from One hundred and sixth street to One hundred and twenty-second street, including also the old channel of the river between One hundred and thirteenth street and One hundred and sixteenth street, and sixteen feet from One hundred and twenty-second street to the forks of said river, and ten feet from the forks of said river to a point one-half mile above Hammond, in the State of Indiana. And the Secretary of War is hereby authorized to accept, in his discretion, deeds from the proper parties conveying to the United States, free from expense, such lands as may be necessary to make a proper channel two hundred feet in width from the forks of said river up to a point one-half mile above Hammond, in Indiana, and releasing, to the satisfaction of the Secretary of War, the United States from all liability for damages to adjacent property owners.

Calumet River, Ill. and Ind. *Provided*. Improvement of channel.

Donation of lands.

Improving Chicago River, Illinois: Continuing improvement, three hundred and six thousand four hundred and fifty-seven dollars: *Provided*, That the sum of one hundred and ninety-three thousand five hundred and forty-three dollars, unexpended balance of money here-

Chicago River, Ill. *Provided*. Turning basins.

tofore appropriated for the improvement of the Chicago River, making the total sum five hundred thousand dollars, may be used in the improvement of said river by constructing turning basins of proper size in said river, said turning basins to be located by, and said money expended under the direction of, the Secretary of War.

Rock River, Ill.

Proviso.
Illinois and Missis-
sippi Canal fund.

Improving Rock River, Illinois: The construction of a lock at the head of the feeder, in connection with the dam already provided for, is hereby authorized: *Provided*, That said lock may be constructed from funds already appropriated or authorized to be appropriated for the construction of the Illinois and Mississippi Canal, the said lock to be constructed in accordance with the report submitted in House Document Numbered One hundred and twenty-six, Fifty-sixth Congress, second session, and to be included in and constitute a part of the project of the Illinois and Mississippi Canal.

Fox River, Ill.
Dam authorized.

Location.

Provisos.
Right to amend,
etc., reserved.
Liability for dam-
ages.

Fox River, Illinois: Permission is hereby given to the Fox River Navigable Waterway Association to construct a dam across said river in the northwest quarter of section thirty-six, in township forty-five, in range eight east of the third principal meridian, same being about three thousand feet below the highway bridge at McHenry, in McHenry County, Illinois: *Provided, however*, That the right is hereby reserved to alter, amend, or repeal this provision, at the pleasure of Congress: *And provided further*, That nothing contained in this paragraph shall be construed as relieving the Fox River Navigable Waterway Association from liability for any damage inflicted upon private property by reason of the construction of the dam as aforesaid.

Navigable water-
way, Lockport, Ill., to
Saint Louis, Mo.
Estimates, etc.

The sum of two hundred thousand dollars, or so much thereof as may be necessary, is hereby appropriated for making such surveys, examinations, and investigations as may be required to determine the feasibility of, and to prepare and report plans and estimates of cost of, a navigable waterway fourteen feet in depth from Lockport, Illinois, by way of the Des Plaines and Illinois rivers, to the mouth of said Illinois River, and from the mouth of the Illinois River, by way of the Mississippi River, to Saint Louis, Missouri: *Provided*, That twenty-five thousand dollars of said sum, or so much thereof as may be necessary, may be expended by the Mississippi River Commission in making surveys, examinations, and investigations herein required from the mouth of the Illinois River to Saint Louis: *Provided further*, That the Secretary of War shall appoint a board of three engineers to make the surveys, examinations, and investigations hereinbefore required from Lockport, Illinois, through the Des Plaines River and Illinois River, to the mouth of said Illinois River, and that all such surveys, examinations, and investigations shall be made to determine the feasibility of, and to prepare and report plans and estimates of cost of, a navigable waterway fourteen feet in depth from Lockport, Illinois, to Saint Louis, Missouri. The said Mississippi River Commission shall make said report covering such proposed improvement from the mouth of the Illinois River to Saint Louis, and the said board of engineers shall make such report from Lockport, Illinois, to the mouth of the Illinois River: *And provided further*, That the said board of engineers shall also make such surveys, examinations, and investigations as may be required to determine the feasibility of, and to prepare a report and plans and estimates of cost of, a navigable waterway seven feet in depth and of a navigable waterway eight feet in depth from the head of navigation of the Illinois River at Lasalle, Illinois, through said Illinois River to Ottawa, Illinois, and said board of engineers shall make such report of said navigable waterways of seven and eight feet, respectively, of said Illinois River from Lasalle to Ottawa, Illinois.

Provisos.
Surveys, etc.

Board to examine,
etc.

Mississippi River
Commission to report
on waterway, Lasalle,
Ill., to Ottawa, Ill.

Board to submit
plans, etc.

Reservoirs, head-
waters Mississippi
River.

Reservoirs at headwaters of the Mississippi River, and Mississippi River between Brainerd and Grand Rapids, Minnesota: Continuing

improvement and for maintenance, two hundred and fifty thousand dollars, of which amount ten thousand dollars may be expended between Brainerd and Grand Rapids. The amount herein appropriated, except as above provided, and the unexpended balance of former appropriations shall be expended as follows: For the necessary renewal and repair of Winnibigoshish, Leech Lake, and Pokegama Falls reservoirs; in making a further investigation, including an examination and survey, of the Pine River and Sandy Lake reservoirs, with a view to determining whether or not it is advisable to renew and repair said reservoirs; in making a further investigation, in the discretion of the Secretary of War, which shall include an examination and survey of Willow River in Aitkin County, to determine the causes of and the means of preventing excessive floods in the river between the Government dam at Sandy Lake and Brainerd, and the effect thereof on navigation; in making full and accurate surveys of the flowage lines of Winnibigoshish, Leech Lake, Pokegama Falls, Sandy Lake, and Pine River reservoirs, and in permanently marking such lines on the ground; not to exceed seventy-five thousand dollars for the purchase of the lands or easements therein which are necessarily subject to overflow by reason of the legitimate operation of said reservoirs when completed.

Distribution of appropriation.

Improving the Mississippi River between the Chicago, Saint Paul, Minneapolis and Omaha Railroad bridge at Saint Paul, and the Washington Avenue bridge at Minneapolis: The Secretary of War is authorized and directed to continue the work of improving the Mississippi River between the Chicago, Saint Paul, Minneapolis and Omaha Railroad bridge at Saint Paul, and the Washington Avenue bridge at Minneapolis, in accordance with the plans now approved and such modifications in detail as may be deemed desirable by the Secretary of War: *Provided*, That the expenditure shall not exceed the present limit of cost until further estimate shall have been submitted and the present limit of cost extended by law.

Mississippi River, Saint Paul to Minneapolis.

Proviso.
Limit of cost.

Improving the Mississippi River from the mouth of the Missouri River to Saint Paul, Minnesota: Continuing improvement, four hundred thousand dollars: *Provided*, That on and after the passage of this Act additional contracts may be entered into by the Secretary of War for such materials and work as may be necessary to carry on continuously the systematic improvement of the Mississippi River between the points mentioned, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one million two hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated: *And provided further*, That the amount to be expended upon the improvement of said river between the points mentioned shall be limited to four hundred thousand dollars per year for four years; and of the amount herein appropriated for said portion of said river there shall be expended the sum of twenty thousand dollars, or so much thereof as may be necessary, for the improvement of Quincy Bay and for removing the sand bar at the steamboat landing at Quincy, Illinois, and the further sum of ten thousand dollars for the maintenance, repair, and riprapping of the natural and artificial banks along the eastern shore of the Mississippi River from Warsaw, Illinois, to Quincy, Illinois, so far as the same will subserve the maintenance of the navigable channel of the river, and the further sum of fifteen thousand dollars, or so much thereof as may be necessary, for dredging the channel and harbor and removing sand bars at Hannibal, Missouri, and the further sum of ten thousand dollars, or so much thereof as may be necessary, for the improvement of the harbor at Muscatine, Iowa, and the further sum of fourteen thousand dollars, or so much thereof as may be necessary, for the construction of a harbor of refuge on the east shore of Lake Pepin, in the Mississippi River, according to the project reported October twenty-seventh, eighteen

From mouth of the Missouri to Saint Paul Minn.

Provisos.
Contract.

Limit of cost.

Quincy Bay, Ill.

Warsaw to Quincy Ill.

Hannibal, Mo.

Muscatine, Iowa.

Lake Pepin.

Fountain City, Wis.
Davenport, Iowa.
Vol. 30, p. 1197.

hundred and ninety-one, and the further sum of one thousand five hundred dollars for removing the bar in the Mississippi River at the mouth of Fountain City Bay at the foot of North street, Fountain City, Wisconsin. The ten thousand dollars heretofore appropriated by the sundry civil Act of March third, eighteen hundred and ninety-nine, for the improvement of the Mississippi River at Davenport, Iowa, with the further sum of five thousand dollars to be taken from amounts appropriated in this paragraph, shall be applied for the construction of a harbor of refuge from ice at a point at or below the said city of Davenport, and other necessary improvements of said harbor. Hamburg Bay is hereby included in and made a part of the general project for the improvement of the Mississippi River.

Hamburg Bay.

Des Moines Rapids,
Locks and dams.

The Secretary of War shall cause an examination to be made of the Mississippi River at the foot of the Des Moines Rapids, near Keokuk, Iowa, to determine whether a dam constructed at the foot of said rapids would be a benefit or impediment to the navigation of said river. He shall also cause an examination to be made of the locks of the Des Moines Rapids Canal to determine the necessity for and cost of enlarging such locks.

From mouth of the
Ohio to mouth of the
Missouri.

Provisos.
Contracts.

Improving the Mississippi River from the mouth of the Ohio River to and including the mouth of the Missouri River: Continuing improvement, six hundred and fifty thousand dollars: *Provided*, That on and after the passage of this Act additional contracts may be entered into by the Secretary of War for such materials and work as may be necessary to carry on continuously the systematic improvement of the Mississippi River between the points mentioned, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one million nine hundred and fifty thousand dollars, exclusive of the amounts herein and heretofore appropriated: *And provided further*, That the amount to be expended upon the improvement of said river between the points mentioned shall be limited to six hundred and fifty thousand dollars per year for four years: *And provided*

Limit of cost.

Material, work, etc.

further also, That the Secretary of War is authorized to cause to be examined the materials furnished and the work and labor done since May twenty-second, nineteen hundred and one, in accordance with the method and system and under the plans of the United States engineer officer in charge, to prevent the erosion of the banks at or near Sawyers Bend, in the harbor of Saint Louis, so as to improve the channel and preserve the protection works at said point, and to ascertain the reasonable value of such materials, work, and labor so furnished and done, and out of said sum to pay for so much of the same as is in the interest of navigation, not, however, to exceed the sum of fifty thousand dollars.

Harbor of Saint
Louis.

Mississippi River
Commission.

From Head of the
Passes to mouth of the
Ohio.
Expenses, etc.

Improving Mississippi River from Head of the Passes to the mouth of the Ohio River, including salaries, clerical, official, traveling, and miscellaneous expenses of the Mississippi River Commission: Continuing improvement, two million two hundred thousand dollars, which shall be expended under the direction of the Secretary of War, in accordance with the plans, specifications, and recommendations of the Mississippi River Commission, as approved by the Chief of Engineers, for the general improvement of the river, for the building of levees, and for surveys, including the survey from the Head of the Passes to the headwaters of the river, in such manner as in their opinion shall best improve navigation and promote the interests of commerce at all stages of the river: *Provided*, That on and after the passage of this Act additional contracts may be entered into by the Secretary of War for such materials and work as may be necessary to carry on continuously the plans of the Mississippi River Commission, as aforesaid, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate six million dollars, exclusive of the amounts herein and heretofore appropriated, which latter amount shall

Provisos.
Contracts.

be expended at the rate of two million dollars per annum for three years, beginning July first, nineteen hundred and three: *Provided further*, That the money hereby appropriated and authorized to be expended, in pursuance of contracts, or otherwise, or so much thereof as may be necessary, shall be expended in the construction of suitable and necessary dredge boats and other devices and appliances, and in the maintenance and operation of the same, with a view of ultimately obtaining and maintaining a navigable channel, from Cairo down, not less than two hundred and fifty feet in width and nine feet in depth at all periods of the year, except when navigation is closed by ice: *And provided further*, That of the amounts hereby appropriated and authorized to be expended, the Mississippi River Commission may expend, in its discretion, as approved by the Chief of Engineers, during a period of two years in continuing improvements at New Orleans, Louisiana, Natchez and Vidalia, Mississippi and Louisiana; Memphis, Tennessee, including Wolf River; and the rectification of the Red and Atchafalaya rivers, Louisiana, an amount aggregating two hundred thousand dollars; and in like manner, from said amounts hereby appropriated and authorized, during a period of four years, aggregate amounts for continuing improvements as follows: At Greenville, Mississippi, fifty thousand dollars; at Helena, Arkansas, twenty thousand dollars; at Caruthersville, Missouri, twenty thousand dollars; at New Madrid, Missouri, twenty thousand dollars. And the Chief of Engineers shall have authority to temporarily remove one or more of the dredges now under the control of the Mississippi River Commission from the river below Cairo to the river from the mouth of the Ohio to and including the mouth of the Missouri, and to so operate the same as, in his judgment, will be most beneficial to the commerce of the whole river, and to expend, from the sum herein appropriated and authorized to be expended for the improvement of the river from the mouth of the Ohio to and including the mouth of the Missouri, for the maintenance and operation of such dredge or dredges from the mouth of the Ohio to and including the mouth of the Missouri, a sum not to exceed fifty thousand dollars per annum for four years.

Dredge boats, etc.

Distribution of appropriation.

New Orleans, La.
Natchez and Vidalia, Miss. and La.
Memphis, Tenn.
Red and Atchafalaya rivers, La.

Greenville, Miss.
Helena, Ark.
Caruthersville, Mo.
New Madrid, Mo.

Operation of dredges.

Improving Missouri River at Sioux City, Iowa, and above to Stubbs Ferry, Montana: Continuing improvement, including snagging, one hundred thousand dollars, to be expended at such localities and in such amounts as the Secretary of War shall determine.

Missouri River.
Sioux City, Iowa, to
Stubbs Ferry, Mont.

Improving the Missouri River from Sioux City, Iowa, to the mouth of the river: Continuing improvement, one hundred and seventy-five thousand dollars, said sum to be expended in such manner and at such localities as the Secretary of War may direct; and the Secretary of War shall cause an examination to be made of said portion of said river with a view to ascertaining whether navigation can be obtained at a reasonable cost by dredging and the removal of obstacles; also at and near Hermann, West Glasgow, Wilhites Bend, Lexington and Saint Joseph, with a view to ascertaining what improvements in these localities, if any, are necessary for navigation: *Provided*, That this examination shall not be construed to prevent any improvements which might otherwise be made at the localities named in this provision; and such dikes, or other construction, as may be necessary to protect public or private property, may be located in said stream and upon the banks thereof by abutting owners and municipalities, provided they do not interfere with the proper navigation of said river, and provided further, that the same are approved by the Government engineer having the improvement of said river in charge.

Sioux City to mouth of river.

Hermann, West Glasgow, etc.

Proviso.
Dikes, etc.

So much of the Act entitled "An Act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," approved July fifth, eighteen hundred and eighty-four, as provides for the creation of a

Missouri River Commission.
Abolished.
Vol. 23, p. 144.

commission to be called the Missouri River Commission, and prescribes the manner of appointment, the compensation, the powers, the duties, the expenditures, and the reports thereof, be, and the same is hereby, repealed, said repeal to take effect from and after June thirtieth, nineteen hundred and two. And said Commission shall prepare and submit through the Chief of Engineers to the Secretary of War, to be by him transmitted to Congress, a full and detailed report of all their proceedings and actions since the date of their last report, and of all such plans and systems of work as may now be devised and in progress and carried out by them, and of all such additional plans and systems of works as may be devised and matured by them, with full and detailed estimates of the cost thereof, and statements of all expenditures made by them, and shall on said thirtieth day of June, nineteen hundred and two, transfer to and place under the control of the Secretary of War, or such engineer officers as he may designate, all such vessels, barges, machinery, and instruments, and such other plant or property as pertains to the improvement of the Missouri River at and below Sioux City, or of the Gasconade and Osage rivers, in the State of Missouri. And the Secretary of War shall, after said thirtieth day of June, nineteen hundred and two, superintend and control all property theretofore under the control of said Commission, and all works theretofore under their supervision, and shall expend for the purposes for which they were appropriated all appropriations made herein, and all unexpended balances of appropriations heretofore made for the improvement of said rivers, which shall remain on hand on the said thirtieth day of June, nineteen hundred and two, and all appropriations which may hereafter be made for said rivers, or so much thereof as may be necessary.

Effect.
Report of Commis-
sion.

Transfer of vessels,
etc.

Gasconade River,
Mo.

Improving Gasconade River, Missouri: Continuing improvement and for maintenance, ten thousand dollars.

Osage River, Mo.

Improving Osage River, Missouri: Continuing improvement and for maintenance, thirty thousand dollars, of which amount so much thereof as may be necessary shall be used for the completion of Lock and Dam Numbered One.

Saint Francis River,
Mo.

Saint Francis River, Missouri: For improvement of said river from Sunk Lands to Poplin, Missouri, according to the report printed on page two thousand of the Report of the Chief of Engineers for eighteen hundred and ninety-seven, ten thousand dollars.

Petaluma Creek and
Napa River, Cal.

Improving Petaluma Creek and Napa River, California: Continuing improvement and for maintenance, six thousand dollars.

Redwood Creek,
Cal.

Improving Redwood Creek, California: Completing improvement in accordance with the report submitted in House Document Numbered Eighty-seven, Fifty-fourth Congress, second session, eight thousand four hundred dollars.

Alviso Harbor and
Slough, Cal.

Alviso Harbor and Slough, California: The unexpended balance remaining from the appropriations heretofore made for this project may be expended for the extension and further improvement of the channel heretofore made.

Stockton and Mor-
mon channels, Cal.

For the rectification of the Stockton and Mormon channels at and near the city of Stockton, California, by the construction of a canal to divert the waters of the Mormon Channel into Calaveras River, in accordance with the report submitted in House Document Numbered One hundred and fifty-two, Fifty-fifth Congress, third session, fifty thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to complete said project, not to exceed in the aggregate one hundred and seventy-five thousand dollars exclusive of the amounts herein and heretofore appropriated: *Provided further*, That the city of Stockton or the State of California shall first furnish to the United States the right of way for said canal.

Canal.

Provisos.
Contracts.

Right of way.

San Joaquin River, California: Continuing improvement and for maintenance, eighteen thousand dollars. San Joaquin River, Cal.

Improving Sacramento and Feather rivers, California: Continuing improvement and for maintenance from the head of navigation of each to the mouth of the Sacramento, twenty-five thousand dollars. Sacramento and Feather rivers, Cal.

For carrying out the provisions of the Act of Congress providing for the restraining or impounding of mining débris in California, in accordance with the report submitted in House Document Numbered Four hundred and thirty-one, Fifty-sixth Congress, first session, one hundred and fifty thousand dollars in addition to the amount heretofore appropriated. And the Secretary of War, within the limit of the appropriations heretofore and now made by Congress and by the State of California, is authorized to make a contract or contracts for such work and materials as may be necessary to carry out and complete the project, and may, out of said appropriations, purchase a site or sites in accordance with said project: *Provided*, That before entering on said work or making said contracts, the Secretary of War shall be satisfied that the State of California has appropriated for the prosecution of said project the sum of four hundred thousand dollars: *Provided further*, That contracts for the purchase of sites or for work and materials shall provide specifically that only one-half the compensation agreed to be paid shall be paid by the United States, and that the contractor or contractors shall look to the State of California for the remainder of the agreed compensation: *And provided further*, That if the work be done by the United States without contract, one-half the cost thereof shall be paid by the State of California, as the work progresses, upon estimates to be submitted from time to time by the Chief of Engineers. Mining débris. Vol. 27, p. 511.

For gauging waters of the Columbia River, measuring tidal and river volumes, one thousand dollars. Contracts.

Improving the Lower Willamette and Columbia rivers below Portland, Oregon: Continuing improvement in accordance with the approved project, two hundred and twenty-five thousand dollars, of which amount one hundred and seventy-five thousand dollars may be used, in the discretion of the Secretary of War, for the construction or purchase of a dredge to be used in said rivers. Provisos. State appropriation.

Improving Willamette River above Portland, and Yamhill River, Oregon: Continuing improvement and for maintenance, sixty-eight thousand dollars, of which amount so much thereof as may be necessary may, if required in the interest of navigation, be used in revetting the banks of the Willamette River near Independence and above Corvallis, Oregon; and five hundred dollars, or so much thereof as may be necessary, for maintenance of the Long Tom River, Oregon. Purchase of sites.

Improving Coquille River, Oregon, from Coquille City to its mouth: Continuing improvement, thirty thousand dollars. Division of cost.

Improving Coos River, Oregon: For maintenance, two thousand dollars. Columbia River. Gauging waters, etc., of.

Improving the mouth of Columbia River, Oregon and Washington: Continuing improvement in accordance with the latest approved project and such modification thereof as may be approved by the Secretary of War, five hundred thousand dollars: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute the approved and modified project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one million dollars, exclusive of the amounts herein and heretofore appropriated: *Provided further*, That such modifications shall not cause the total cost of the work to exceed that of the latest approved project. Lower Willamette and Columbia rivers below Portland, Oreg.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Willamette and Yamhill rivers, Oreg.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Long Tom River, Oreg.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Coquille River, Oreg.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Coos River, Oreg.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Mouth of the Columbia River.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Provisos. Contracts.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Modifications.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof Columbia River at The Cascades, Oreg. Proviso.

Improving Columbia River at The Cascades, Oregon: Continuing improvement, thirty thousand dollars: *Provided*, That so much thereof

Removal of rocks.

as may be necessary may be used in the removal of the obstructive rock in the rapids of the Columbia River, near the Cascade Locks.

Upper Columbia and Snake rivers, Oreg. and Wash.

Improving Upper Columbia and Snake rivers, Oregon and Washington: Continuing improvement and for maintenance, forty thousand two hundred and fifty dollars. The unexpended balance of the appropriation heretofore made for the improvement of the Clearwater River, Idaho, is hereby made available for the improvement of the above-named rivers. Of the several sums herein provided for, twenty-eight thousand dollars, or so much thereof as may be necessary, may be expended in completing the improvement and for maintenance of the Snake River between Riparia and Lewiston, in accordance with the project recommended in House Document Numbered One hundred and twenty-seven, Fifty-sixth Congress, second session, and twenty-five thousand dollars, or so much thereof as may be necessary, may be expended in the improvement of the Snake River between Lewiston and Pittsburg Landing.

Dalles Rapids to Celilo Falls, Oreg. and Wash.

Improving the Columbia River between the foot of The Dalles Rapids and the head of Celilo Falls, Oregon and Washington, by means of canals and the improvement of the channel of the river, in accordance with the report submitted in House Document Numbered Two hundred and twenty-eight, Fifty-sixth Congress, second session: The unexpended balance heretofore appropriated for the purpose of procuring a right of way and commencing the construction of a boat railway at said point is hereby authorized to be used for procuring a right of way and commencing the construction of said canals and commencing the other improvements contemplated as a part of said project: *Provided*, That a contract or contracts may be entered into by the Secretary of War for such materials and work as may be necessary to prosecute said improvement, in accordance with the plan approved by the Chief of Engineers, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate one hundred thousand dollars, exclusive of the amounts herein and heretofore appropriated, said contract or contracts to be made for such work and materials as will materially forward and advance the completion of said project:

Right of way, etc.

Provisos.
Contracts.

Provided, That before entering upon the work herein contemplated an examination shall be made by a board of engineers with a view to modifying such project in such a way as to diminish the cost thereof, and if said proposed improvement can be so modified, then said work shall be prosecuted under such modified project; otherwise the same shall be prosecuted under the existing project as set forth in the report above referred to.

Board to examine, etc.

Mouth of Willamette to Vancouver, Wash.

Improving the Columbia River between the mouth of the Willamette River and the city of Vancouver, Washington: Continuing improvement, two thousand dollars.

Siuslaw River, Oreg. Reexamination and survey.

Improving mouth of Siuslaw River, Oregon: Continuing improvement, thirty-five thousand dollars, and the Secretary of War is authorized and directed to cause to be made a reexamination and survey of said river at its mouth, and at the shoals at or near Florence, with a view to the adoption of a project for the improvement of said river which will provide for its commerce at a less cost than the existing project.

Cowlitz and Lewis rivers, Wash.

Improving Cowlitz and Lewis rivers, including the North Fork of the Lewis River, Washington: Continuing improvement and for maintenance, nine thousand five hundred dollars.

North and Nasal rivers.

Willapa River and Harbor: The balance on hand to the credit of this improvement may, in the discretion of the Secretary of War, be expended in snagging and otherwise improving the North and Nasal rivers.

Puget Sound, etc., Wash.

Improving Puget Sound and its tributary waters, Washington: Continuing improvement and for maintenance, thirty-five thousand dol-

lars, of which amount fifteen thousand dollars, or so much thereof as may be necessary, may, in the discretion of the Secretary of War, be expended in removing the log jam in Nooksack River, and the Secretary of War may modify the existing plans for removing the said log jam, or, in his discretion, a channel may be cut from a point at or near the head of said jam to Bellingham Bay: *Provided*, That proper title to the lands necessary for said cut be given to the United States to the satisfaction of the Secretary of War: *And provided further*, That the cost of cutting said channel or removing said log jam shall not exceed said sum of fifteen thousand dollars.

Removal of log jam in Nooksack River.

Provisos.
Title.

Limit of cost.

Improving Swinomish Slough, Washington: Continuing improvement, thirty thousand dollars.

Swinomish Slough, Wash.

Improving the Okanogan and Pend Oreille rivers, Washington, twenty-two thousand five hundred dollars, of which amount so much as may be necessary shall be used for completing the improvement of the Okanogan, and the remainder for continuing improvement and for maintenance of the improvement of the Pend Oreille.

Okanogan and Pend Oreille rivers, Wash.

For emergencies: To provide for the restoration of channels, or river and harbor improvements heretofore established or made by the Government, or herein provided for, where by reason of emergency occurring after the passage of this Act the usual depth of such channels or customary use of such improvement can not be maintained and there is no sufficient fund available for such restoration, two hundred thousand dollars. The amount herein provided shall be allotted by the Secretary of War: *Provided*, That in no case shall such allotment be made unless recommended by the local engineer having such channel or improvement in charge, and by the Chief of Engineers, respectively: *Provided further*, That for no single channel or improvement shall a sum greater than ten thousand dollars be allotted, and in spending any such allotment advertising for bids may be dispensed with on the recommendation of the local engineer.

Emergencies appropriation.

Allotment by Secretary of War.
Provisos.

Recommendation by local engineer.

Limit of allotment.

Any person or persons, corporations, municipal or private, who desire to improve any navigable river, or any part thereof, at their or its own expense and risk may do so upon the approval of the plans and specifications of said proposed improvement by the Secretary of War and Chief of Engineers of the Army. The plan of said improvement must conform with the general plan of the Government improvements, must not impede navigation, and no toll shall be imposed on account thereof, and said improvement shall at all times be under the control and supervision of the Secretary of War and Chief of Engineers.

Navigable river improvements by corporations, etc.

Plans to be approved by Secretary of War, etc.

The depth of water in tidal waters whenever referred to in this Act shall be understood to mean the depth at mean low water unless otherwise expressed.

Tidal water depth.

Appropriations made for the respective works herein named, or so much thereof as may be necessary, may, in the discretion of the Secretary of War, be used for maintenance and for the repair and restoration of said works whenever from any cause they have become seriously impaired as well as for the further improvement of said works.

Use of appropriations.

Surveys and examinations provided for in this section shall, unless otherwise expressed, be paid for from the appropriations made for the respective improvements or projects to which they pertain, or in connection with which they are mentioned.

Surveys and examinations.

All works of improvement heretofore or herein authorized to be prosecuted or completed under contracts may, in the discretion of the Secretary of War, be carried on by contract or otherwise, as may be most economical or advantageous to the Government.

Contracts, etc.

Where separate works or items are consolidated in this Act the amounts herein appropriated shall be expended in securing mainte-

Allotments.

nance and improvement according to the respective projects herein or heretofore adopted by Congress, after giving due regard to the respective needs of each and considering the necessities of traffic. The allotments to the respective works herein consolidated shall be made by the Secretary of War upon recommendations by the Chief of Engineers. Any balances now remaining to the credit of the consolidated items in this bill shall be carried to the credit of the respective aggregate amounts appropriated for the consolidated items herein contained.

In all cases where separate appropriations are made for works in this bill if money can be more advantageously expended by combining under one contract two or more of such works, such combinations are authorized and shall be made.

SEC. 2. For preliminary examinations and surveys (other than those mentioned in section one), contingencies, expenses connected with inspection of bridges, the service of notice required in such cases, the examination of bridge sites and reports thereon, and for incidental repairs for which there is no special appropriation for rivers and harbors, three hundred thousand dollars: *Provided*, That no preliminary examination, survey, project, or estimate for new works other than those designated in this or some prior Act or 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 ordered by a concurrent resolution of Congress. The Government shall not be deemed to have entered upon any project for the improvement of any waterway or harbor mentioned in this Act until funds for the commencement of the proposed work shall have been actually appropriated by law.

SEC. 3. That there shall be organized in the Office of the Chief of Engineers, United States Army, by detail from time to time from the Corps of Engineers, a board of five engineer officers, whose duties shall be fixed by the Chief of Engineers, and to whom shall be referred for consideration and recommendation, in addition to any other duties assigned, so far as in the opinion of the Chief of Engineers may be necessary, all reports upon examinations and surveys provided for by Congress, and all projects or changes in projects for works of river and harbor improvement heretofore or hereafter provided for. And the board shall submit to the Chief of Engineers recommendations as to the desirability of commencing or continuing any and all improvements upon which reports are required. And in the consideration of such works and projects the board shall have in view the amount and character of commerce existing or reasonably prospective which will be benefited by the improvement, and the relation of the ultimate cost of such work, both as to cost of construction and maintenance, to the public commercial interests involved, and the public necessity for the work and propriety of its construction, continuance, or maintenance at the expense of the United States. And such consideration shall be given as time permits to such works as have heretofore been provided for by Congress, the same as in the case of new works proposed. The board shall, when it considers the same necessary, and with the sanction and under orders from the Chief of Engineers, make, as a board or through its members, personal examinations of localities. And all facts, information, and arguments which are presented to the board for its consideration in connection with any matter referred to it by the Chief of Engineers shall be reduced to and submitted in writing, and made a part of the records of the Office of the Chief of Engineers. It shall further be the duty of said board, upon a request transmitted to the Chief of Engineers by the Committee on Rivers and Harbors of the House of Representatives, or the Committee on Commerce of the Senate, in the same manner to examine and report through the

Use of balances credited to consolidated items.

Combining contracts.

Preliminary examinations, etc. Appropriation.

Provisos. New works.

Supplemental reports.

Board of engineer officers to consider surveys, etc.

Duties.

Chief of Engineers upon any projects heretofore adopted by the Government or upon which appropriations have been made, and report upon the desirability of continuing the same or upon any modifications thereof which may be deemed desirable.

The board shall have authority, with the approval of the Chief of Engineers, to rent quarters, if necessary, for the proper transaction of its business, and to employ such civil employees as may, in the opinion of the Chief of Engineers, be required for properly transacting the business assigned to it, and the necessary expenses of the board shall be paid from allotments made by the Chief of Engineers from any appropriations made by Congress for the work or works to which the duties of the board pertain.

SEC. 4. That the President of the United States is hereby requested to invite the Government of Great Britain to join in the formation of an international commission, to be composed of three members from the United States and three who shall represent the interests of the Dominion of Canada, whose duty it shall be to investigate and report upon the conditions and uses of the waters adjacent to the boundary lines between the United States and Canada, including all of the waters of the lakes and rivers whose natural outlet is by the River Saint Lawrence to the Atlantic Ocean; also upon the maintenance and regulation of suitable levels; and also upon the effect upon the shores of these waters and the structures thereon, and upon the interests of navigation, by reason of the diversion of these waters from or change in their natural flow; and, further, to report upon the necessary measures to regulate such diversion, and to make such recommendations for improvements and regulations as shall best subserve the interests of navigation in said waters. The said commissioners shall report upon the advisability of locating a dam at the outlet of Lake Erie, with a view to determining whether such dam will benefit navigation, and if such structure is deemed advisable, shall make recommendations to their respective Governments looking to an agreement or treaty which shall provide for the construction of the same, and they shall make an estimate of the probable cost thereof. The President, in selecting the three members of said Commission who shall represent the United States, is authorized to appoint one officer of the Corps of Engineers of the United States Army, one civil engineer well versed in the hydraulics of the Great Lakes, and one lawyer of experience in questions of international and riparian law, and said Commission shall be authorized to employ such persons as it may deem needful in the performance of the duties hereby imposed; and for the purpose of paying the expenses and salaries of said Commission the Secretary of War is authorized to expend from the amounts heretofore appropriated for the Saint Marys River at the Falls, the sum of twenty thousand dollars, or so much thereof as may be necessary to pay that portion of the expenses of said Commission chargeable to the United States.

SEC. 5. That when any land or other property which has been heretofore or may be hereafter purchased or acquired for the improvement of rivers and harbors is no longer needed, or is no longer serviceable, it may be sold in such manner as the Secretary of War may direct, and the proceeds credited to the appropriation for the work for which it was purchased or acquired; and the Secretary of War may direct the transfer of any property employed in river and harbor works, and in such event the property so transferred shall be valued and credited to the project upon which it was theretofore used and charged to the project to which it shall be transferred. The Secretary may also direct a temporary transfer of any property employed in the improvement of rivers and harbors whenever, in his judgment, such transfer would secure efficient or economical results, and such adjustment in the way

Rent, etc.

International commission proposed.

Duties. Investigation of waters adjacent to United States and Canada boundary.

Dam at outlet of Lake Erie.

United States members of commission.

Assistants.

Expenses and salaries. Ante, p. 362.

Unserviceable property may be sold.

Transfer of property.

of charges and credits shall be made between the projects affected as may be equitable.

Enforcing rules for navigable waters.
Vol. 28, p. 362.
Infra.

SEC. 6. That any regulations heretofore or hereafter prescribed by the Secretary of War in pursuance of the fourth and fifth sections of the river and harbor Act of August eighteenth, eighteen hundred and ninety-four, and any regulations hereafter prescribed in pursuance of the aforesaid section four as amended by section eleven of this Act, may be enforced as provided in section seventeen of the river and harbor Act of March third, eighteen hundred and ninety-nine, the provisions whereof are hereby made applicable to the said regulations.

Proceedings.
Vol. 30, p. 1158.

Repeal of provisions in former acts.

SEC. 7. That the provisions of river and harbor Acts heretofore passed providing for the prosecution of work upon the following projects are hereby repealed, and any amounts heretofore appropriated for any of the same now remaining unexpended shall be paid into the Treasury of the United States, to wit:

Pensaukee Harbor, Wis.
New River, Va. and W. Va.
Wolf Lake, Ind.
Chippewa River, Wis.
Yellowstone River, Mont. and N. Dak.
Ohio River, Pa.
Act closing channel at Neville Island, repealed.
Vol. 19, p. 58.

Pensaukee Harbor, Wisconsin;
New River, Virginia and West Virginia;
Wolf Lake, Indiana;
Chippewa River, Wisconsin;
Yellowstone River, Montana and North Dakota.

SEC. 8. That the Act of Congress approved June twelfth, eighteen hundred and seventy-six, entitled "An Act authorizing the residents and property owners of Neville Township, county of Allegheny and State of Pennsylvania, to close the channel of the Ohio River on the south side of Neville Island by the construction of an embankment or causeway from the head of said island to the southern shore of said river," is hereby repealed.

Gauging waters of Mississippi River.
Vol. 25, p. 424, amended.
Permanent appropriation.
Vol. 16, p. 598.

SEC. 9. That section six of the river and harbor Act of August eleventh, eighteen hundred and eighty-eight, is hereby amended so as to read as follows: "That for the purpose of securing the uninterrupted gauging of the waters of the Mississippi River and its tributaries, as provided for in joint resolution of the twenty-first of February, eighteen hundred and seventy-one, upon the application of the Chief of Engineers, the Secretary of War is hereby authorized to draw his warrant or requisition, from time to time, upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the sum of nine thousand six hundred dollars: *Provided, however,* That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers."

Proviso.
Expenses.

Illinois and Mississippi Canal.
Vol. 30, p. 1151.
Time for construction of bridges extended.
Right of way.

SEC. 10. That the provisions of section nine of the river and harbor Act of March third, eighteen hundred and ninety-nine, are hereby made applicable alike to the completed and uncompleted portions of the Illinois and Mississippi Canal. Whenever the Secretary of War shall approve plans for a bridge to be built across said canal he may, in his discretion, and subject to such terms and conditions as in his judgment are equitable, expedient, and just to the public, grant to the person or corporation building and owning such bridge a right of way across the lands of the United States on either side of and adjacent to the said canal; also the privilege of occupying so much of said lands as may be necessary for the piers, abutments, and other portions of the bridge structure and approaches.

Piers, etc.

Regulations of harbors, etc.
Vol. 28, p. 362, amended.

SEC. 11. That section four of the river and harbor Act of August eighteenth, eighteen hundred and ninety-four, be, and is hereby, amended so as to read as follows:

Use of canals, etc. to be regulated by Secretary of War.

"SEC. 4. That it shall be the duty of the Secretary of War to prescribe such rules and regulations for the use, administration, and navigation of any or all canals and similar works of navigation that now are, or that hereafter may be, owned, operated, or maintained by the United States as in his judgment the public necessity may require;

and he is also authorized to prescribe regulations to govern the speed and movement of vessels and other water craft in any public navigable channel which has been improved under authority of Congress, whenever, in his judgment, such regulations are necessary to protect such improved channels from injury, or to prevent interference with the operations of the United States in improving navigable waters or injury to any plant that may be employed in such operations. Such rules and regulations shall be posted, in conspicuous and appropriate places, for the information of the public; and every person and every corporation which shall violate such rules and regulations shall be deemed guilty of a misdemeanor and, on conviction thereof in any district court of the United States within whose territorial jurisdiction such offense may have been committed, shall be punished by a fine not exceeding five hundred dollars, or by imprisonment (in the case of a natural person) not exceeding six months, in the discretion of the court."

Speed, etc., of ves-
sels.

Posting of rules.

Punishment for vio-
lation.

SEC. 12. That the last paragraph of section twenty of the river and harbor Act of March third, eighteen hundred and ninety-nine, is hereby amended to read as follows:

Harbor lines, etc.
Vol. 30, p. 1155,
amended.

"That all laws or parts of laws inconsistent with the foregoing sections nine to twenty, inclusive, of this Act are hereby repealed: *Provided*, That no action begun or right of action accrued prior to the passage of this Act shall be affected by this repeal: *Provided further*, That nothing contained in the said foregoing sections shall be construed as repealing, modifying, or in any manner affecting the provisions of an Act of Congress approved June twenty-ninth, eighteen hundred and eighty-eight, entitled 'An Act to prevent obstructive and injurious deposits within the harbor and adjacent waters of New York City, by dumping or otherwise, and to punish and prevent such offenses,' as amended by section three of the river and harbor Act of August eighteenth, eighteen hundred and ninety-four."

Repeal.

Proviso.

Prior actions ex-
cepted.

Law prohibiting in-
jurious deposits in
New York Harbor not
affected.
Vol. 25, p. 209.

Vol. 28, p. 360.

SEC. 13. That there shall be printed three thousand copies of the laws of the United States relating to the improvement of rivers and harbors passed until and including the laws of the first session of the Fifty-seventh Congress, of which six hundred copies shall be for the use of the Senate, fourteen hundred for the use of the House, and one thousand copies for the use of the War Department. Said compilation shall be printed under the direction of the Secretary of War.

Laws relating to
rivers and harbors to
be printed.
Distribution.

There shall also be printed one thousand copies of an index to the reports of the Chief of Engineers, United States Army, from eighteen hundred and sixty-six to nineteen hundred, inclusive. The Secretary of War is also authorized and directed to cause to be made and transmitted to the Fifty-seventh Congress at its second session a compilation of preliminary examinations and surveys heretofore made. Also of all projects now under construction or maintenance, and the total amounts appropriated heretofore for the improvement and the maintenance of the rivers and harbors, and the amounts for each specific project, the said compilation to be similar in form and subject-matter to that which was prepared in accordance with section six of the river and harbor Act of June third, eighteen hundred and ninety-six, and said compilation shall include all information available on the subjects enumerated on the thirtieth of June, nineteen hundred and two. The Secretary of War is authorized and directed to ascertain, so far as practicable, and report to Congress, all cases in which improvements on navigable waters of the United States have been or are being undertaken by municipalities, private corporations, or individuals, either alone or in conjunction with the Government, and information shall be furnished in such report relating to all cases of improvement of harbors and rivers by the United States in connection with which, the work of improvement, under approved projects, has included or will include inner harbors, or por-

Printing of index
of reports of Chief of
Engineers.

Compilation of sur-
veys, projects, appro-
priations, etc.

Vol. 29, p. 235.

Improvement of
navigable waters by
private parties, etc.
Report by Secre-
tary of War.

tions of rivers or inlets within shore lines or corporate city limits, or channels adjacent to wharves.

Preliminary examinations, etc., authorized.

SEC. 14. That the Secretary of War is hereby directed to cause preliminary examinations or surveys to be made at the localities named in this section as hereinafter provided. In all cases, unless a survey or estimate is herein expressly directed, a preliminary examination shall first be made, which shall embrace information concerning the commercial importance, present and prospective, of the river or harbor mentioned, and a report as to the advisability of its improvement. Whenever such preliminary examination has been made, in case such improvement is not deemed advisable, no survey thereof or estimate therefor shall be made without the direction of Congress; but in case the report shall be to the effect that such river or harbor is worthy of improvement, the Secretary of War is hereby directed, at his discretion, to cause surveys to be made and the cost of improving such river or harbor to be estimated and to be reported to Congress: *Provided*, That in all cases preliminary examinations, as well as surveys, provided for in this Act shall be examined and reviewed by the board provided for in section three of this Act, to wit:

Provido.
Review by board of engineer officers.
Ante, p. 372.

Alabama.

ALABAMA.

Fish River.

Alaska.

ALASKA.

Wrangell Narrows, with a view to providing a safe and adequate channel.

Arizona and California.

ARIZONA AND CALIFORNIA.

Colorado River, from Yuma to Mexican boundary line.

Arkansas.

ARKANSAS.

Little Red River, from its mouth to and including the Government quarries at Bee Rock.

Arkansas and Texas.

ARKANSAS AND TEXAS.

Red River, from Fulton, Arkansas, to Denison, Texas, to determine whether the river can be made navigable by the removal of obstructions to navigation, and the cost thereof.

California.

CALIFORNIA.

Santa Cruz Bay, with a view to increasing the harbor facilities therein.
Napa River, with a view to straightening the channel in the portion above Mare Island Navy-Yard.

Belvedere Harbor in San Francisco Bay.

Connecticut.

CONNECTICUT.

Tomac Harbor.

Channel from New Haven Harbor via Oyster Point to Kimberly avenue bridge on West River.

Delaware.

DELAWARE.

Delaware Bay, Harbor of Refuge, with a view to ascertaining what further protection is necessary, if any.

FLORIDA.

Florida.

Manatee River, from mouth to Ellenton, thence to Rye.
 Estero River.

The two entrances to Saint Andrews Bay, with a view to securing a twenty one foot channel through one of said entrances and across the bulkhead into said bay up to the town of Saint Andrews Bay.

Gasparilla Sound and Lemon Bay, including cut-off.

Charlotte Harbor, with a view to extending the twelve-foot channel to the railroad wharf at Punta Gorda and along the dock line in front of said town.

Hillsboro Bay, with a view to determining such extension and increase of channel depth as will accommodate present and prospective commerce, with turning basin.

Blackwater and Upper East bays, and Blackwater River, from Milton to the mouth.

Key West Harbor, with a view of determining the desirability and feasibility of securing a channel thirty feet in depth and four hundred feet in width through the ship-channel entrance into the harbor of Key West, and of said depth and two thousand five hundred feet in width and one mile in length in said harbor.

GEORGIA.

Georgia.

Oconee River, from Dublin to Skull Shoals.
 Frederica River.

Skiddaway Narrows: A survey and an estimate of the cost of improving Skiddaway Narrows, connecting Isle of Hope River with Burnside River, for a channel seventy-five feet wide and six feet at mean low water.

Club and Plantation creeks with a view to providing an inside water route from the Altamaha River into the port of Brunswick.

ILLINOIS.

Illinois.

Mississippi River at Moline, with a view to the construction of a lock.

Rock River, from the mouth to Rockford.

Ohio River, channels at or near Elizabethtown.

Quincy Harbor and Bay.

Harbor at Mound City, on the Illinois side of the Ohio River, with a view to ascertaining whether or not work at that point is necessary in the interest of navigation for the preservation and improvement of said harbor.

Ohio River from Mound City, Illinois, to Cairo, Illinois, with a view to ascertaining what improvement, if any, is desirable for the protection of the banks and levees on the Illinois side in the interest of navigation.

The east bank of the Mississippi River from the city of Quincy to Sny Levee, with a view to improving navigation by preventing the water from overflowing the natural and artificial banks along that part of the river, and deepening the channel.

INDIANA AND KENTUCKY.

Indiana and Kentucky.

Ohio River, below the mouth of Green River, with a view to the construction of a movable dam, so as to make a harbor at Henderson, Kentucky, and Evansville, Indiana, and to give a depth of six feet on the lower miter sill on Lock Numbered One, Green River.

Ohio River, at the head of the Falls at Louisville, with a view to the enlargement of the present dam or the construction of a new one.

Sand Island, in the Ohio River, with a view to ascertaining the desirability of acquiring a sufficient portion thereof for the mooring of boats or barges and the making up of tows passing through the Louisville and Portland Canal.

Kansas.

KANSAS.

Kaw River, at or near its mouth.

Kentucky.

KENTUCKY.

Tradewater River.

Salt River, from its mouth to Shepherdsville.

Mississippi River in front of Wickliffe, Kentucky, with a view to ascertaining what improvement is necessary to preserve the harbor and facilitate navigation; such examination to be made by the Mississippi River Commission.

Ogden Landing, on the Ohio River, with a view to ascertaining whether the construction of a wing dam is required in the interest of navigation.

Pond River.

Louisiana.

LOUISIANA.

Bayou Lafourche, examination and survey for the construction of a lock and dam at the head: *Provided*, That said lock and dam shall be constructed by the Atchafalaya Basin and Lafourche Basin levee boards of the State of Louisiana, to be paid for by said boards jointly, as provided for by act numbered nine of the acts of the general assembly of the State of Louisiana of nineteen hundred. The construction of said lock and dam shall be subject to the supervision of the United States engineers, and done in accordance with plans and specifications to be furnished by said boards and approved by the Secretary of War. The work on said lock and dam may commence as soon as the said Atchafalaya Basin and Lafourche Basin levee boards shall judge proper, and the plans and specifications for said lock and dam shall have been approved by the Secretary of War, and the authority is hereby vested in said boards to construct such lock and dam. Pending the construction of said lock and dam the Secretary of War, if in his judgment the interests of the United States will not be prejudiced thereby, is authorized to grant permission to the Lafourche Basin levee board and Atchafalaya Basin levee board of Louisiana to place a temporary dam across the Bayou Lafourche at or near its junction with the Mississippi River, and to maintain said temporary dam for a period of not exceeding two years and six months from the date of this Act: *Provided*, That prior to the granting of such permission by the Secretary of War the State of Louisiana shall legally authorize said levee boards to construct such temporary dam: *Provided further*, That before beginning the construction of said dam the said levee boards shall enter into an agreement with the proper officer of the United States, with good and sufficient security, for the removal of said temporary dam at or before the expiration of the period of two years and six months aforesaid: *Provided further*, That Congress may at any time amend or repeal this law.

Bayou Tigre.

Bayou Grossetete.

Tangipahoa River.

MAINE.

Maine.

Ile au Haut Thoroughfare between the island of Ile au Haut and Kimballs Island, with a view to obtaining a channel twelve feet deep and thirty feet wide.

Cape Small Harbor.

York Harbor.

Damariscotta River to bridge at Damariscotta, with a view to obtaining a depth of twelve feet.

New Harbor.

Medomac River to the head of navigation.

MARYLAND.

Maryland.

Patapsco River, with a view to a deep channel from the main channel in said river to the drawbridge at the mouth of Bear Creek.

For the widening to two hundred feet and deepening to thirty feet of the present channel from the Brewerton Channel of the Patapsco River to Sparrows Point, Maryland.

MASSACHUSETTS.

Massachusetts.

Salem Harbor.

Little Harbor, Woods Hole.

Onset Harbor.

Weymouth Fore River.

Weepecket Rock.

MICHIGAN.

Michigan.

South Haven Harbor, with a view to obtaining eighteen feet depth of channel.

Channel in Detroit River twenty feet deep from main channel to Wyandotte.

Point Aux Barques, with a view to improvement as harbor of refuge.

Gladstone Harbor, with a view to obtaining a channel eighteen feet in depth.

Ontonagon Harbor, with a view of ascertaining whether further improvements are necessary, and to what extent.

Arcadia Harbor, estimate of cost of maintaining piers and channel.

Marquette Harbor and vicinity, with a view to ascertaining whether further harbor of refuge facilities are needed, and if so, at what point.

Manistique Harbor.

Charlevoix Harbor, with a view to obtaining a channel eighteen feet in depth from Lake Michigan to Pine Lake.

MINNESOTA.

Minnesota.

Otter Tail Lake and Otter Tail River, Minnesota: Continuing survey with a view to the construction of a dam at the outlet of said lake; for the purpose of improving the navigation on the Red River of the North, Minnesota.

Red Lake and Red Lake River, Minnesota: Continuing survey with a view to the construction of a dam with locks at the outlet of said lake, for the purpose of improving the navigation of the Red River of the North and the said Red Lake River, Minnesota.

Big Stone Lake and Lake Traverse, Minnesota and South Dakota: Continuing survey with a view to constructing reservoirs therein for the improvement of the navigation of the Minnesota River.

Bay at the mouth of Split Rock River, with a view to constructing a harbor therein.

Saint Louis River from the foot of the rapids to New Duluth, with a view to increasing the depth to eight feet.

Inner harbor at Lake City, with a view to securing a harbor of refuge.

Grand Marais, with a view to ascertaining the necessity of making any change in or addition to the east pier.

Mississippi.

MISSISSIPPI.

Chickasahay River to Bucatunna.

Yalobusha River from Grenada to its mouth.

Tallahatchie River, from mouth of Coldwater River to Batesville.

Channel from Biloxi to Ship Island Harbor, with a view to obtaining additional depth and width.

Big Black River, from mouth to the Illinois Central Railroad bridge.

Horn Island Pass, with a view to a channel of twenty-five feet depth and suitable width.

Missouri.

MISSOURI.

Missouri Chute, with a view to ascertaining whether the closing of the same is required in the interest of navigation.

New Hampshire.

NEW HAMPSHIRE.

Hampton River and harbor.

Nevada.

NEVADA.

The Secretary of War shall cause a reexamination of the Colorado River to be made with a view to removing obstructions, deepening and rendering navigable the channel between El Dorado Canyon and Rioville, Nevada.

New Jersey.

NEW JERSEY.

Raritan Bay, with a view of obtaining a depth of twenty-two feet of water four hundred feet wide at mean low tide from South Amboy to tail of Great Beds.

Shrewsbury River, with a view to obtaining an eight-foot channel from its mouth to Red Bank on the north branch, and to Branchport on the south branch.

New York.

NEW YORK.

Minnisceongo River.

Catskill Creek.

Flushing Bay, with a view to repairing, completing, or removing the dike in said bay and extending the channel to Ireland Mills.

East Chester Creek.

Ticonderoga River.

Olcott Harbor.

Oswego Harbor, with a view to ascertaining the cost of necessary repairs to the outer breakwater.

Erie Basin.

Black Rock Harbor, with a view to obtaining a suitable channel for deep-draft vessels around the rapids and shoals at the head of the Niagara River.

Sheepshead Bay.

Harlem Kills from the lower end of Harlem River to Long Island Sound.

NORTH CAROLINA.

North Carolina.

Lockwoods Folly River.

Livingston Creek.

Indian Island Slough, from Pamlico River to mouth of South River, with a view of obtaining a depth of seven, eight, and nine feet, respectively, and one hundred feet wide, or as wide as may be necessary.

Carrot Island Slough, beginning at a point opposite Middle Marshes, and thence through Carrot Island Slough and Lewis Thoroughfare to the main channel in Newport River, with a view of obtaining a navigable depth of seven, eight, nine, and ten feet at mean low water.

Waterway from Norfolk, Virginia, to Beaufort Inlet, North Carolina, with a view to the construction of a channel not less than sixteen feet in depth, upon the most advantageous route between the points named: *Provided*, That the examination and survey shall be made by a board of engineer officers detailed by the Secretary of War, and any report made shall include the probable cost of any private waterway that it may be to the interest of the United States to acquire in connection with the proposed improvement: *Provided further*, That the total expense of the examination and of any survey which may be made shall not exceed the sum of five thousand dollars.

Neuse River, from Goldsboro to Newbern, with a view to securing a depth of three feet.

New River.

Perquimans River, at and near Hertford.

OHIO.

Ohio.

Muskingum River from Zanesville to Coshocton, with a view to obtaining a navigable depth of six feet.

Huron Harbor, with a view to securing a channel with a depth of twenty feet.

Sandusky River from its mouth to Fremont.

Portage River to the Oak Harbor Bridge.

Rocky River Harbor.

Vermillion Harbor.

OREGON.

Oregon.

Yamhill River, with a view to prolonging the period of navigation.

Canal and locks at Willamette Falls, Willamette River, Oregon: The Secretary of War is hereby authorized and directed to ascertain, through a board of engineers or otherwise, and report to the House, whether either the acquisition of the present canal and locks at Willamette Falls, Oregon, or a construction of new canal and locks by the United States Government and their operation for the exclusive benefit of the navigation of said river, would, by withdrawing the waters of the Willamette River from the channels in which they have been accustomed to flow or otherwise, injure in a material manner the operations of the manufacturing enterprises now in operation or contemplated at the falls of the Willamette River. Also to ascertain, through the Department of Justice or otherwise, and report to Congress, whether the Portland General Electric Light Company, of Oregon, by virtue of its ownership of certain real property at Willamette Falls, in the Willamette River, Oregon, has a legal, valid, and existing right and title, as against the United States, for the full, free, and continued use of the waters of the Willamette River for the use of the manufacturing enterprises now located on their property, whether such water is needed for navigation or not, and if so, what method would be necessary on the part of the United States Government to acquire title to such water for the purpose of navigation, and the measure of damages it must pay to such company.

Yaquina River from its mouth to Elk City.

Willamette River between the city of Portland and Oregon City.

Willamette River, opposite Albany, with a view to ascertaining whether a diversion of said stream at that point would result in injury to navigation.

Umpqua River, with a view to ascertaining whether present needs of commerce require improvement at the mouth thereof.

Pennsylvania.

PENNSYLVANIA.

Susquehanna River below Northumberland.

Susquehanna River near Wilkesbarre, with a view to ascertaining the desirability of removing the two dikes constructed in said stream, and in case such removal is reported to be desirable, the Secretary of War is authorized to allow the same to be done.

Monongahela River, Locks and Dams One, Three, Four, and Five.

Beaver River, from the Ohio River to the northern end of Beaver Falls Borough, with a view to slackwater navigation.

Rhode Island.

RHODE ISLAND.

Mill Cove, Wickford Harbor, extending north from the entrance to Wickford Harbor, and from the entrance of said cove on the south, northwardly for a distance of about one-half mile, with a view to determining the advisability of deepening said cove so as to furnish a depth of seven feet in the portions described or otherwise.

Newport Harbor, with a view to securing a depth of eighteen feet through the channel and its approaches eastward of Goat Island.

South Carolina.

SOUTH CAROLINA.

Georgetown Harbor, with a view of obtaining a channel with a navigable depth of eighteen feet at mean low water, and a width of four hundred feet, or such width as may be necessary or practicable, from a point one mile above the limits of the city of Georgetown, in Sampit River, to the ocean entrance of Winyaw Bay, South Carolina, as far seaward as may be necessary to form a project to secure said depth.

Charleston Harbor, to ascertain the advisability of extending the jetties with a view to providing a harbor of refuge.

Port Royal Bar, with a view to providing a channel twenty-five feet deep and five hundred feet wide.

Edisto River, from the mouth to the Aiken and Edgefield line.

Waccamaw River.

Beaufort River, from its mouth to Beaufort.

Black River, from its mouth to Kingtree.

Wateree River, from its mouth up to Camden. And until further action by Congress improvement on said river is suspended.

Tennessee.

TENNESSEE.

Elk River.

Big Hatchie River, from its mouth to Rialto.

Obion and Forked Deer rivers.

Hiwassee River, from the mouth of the Ocoee River to the ferry at head of Jenkins Island.

Texas.

TEXAS.

Matagorda Bay and Lavaca Bay, with a view to securing a channel nine feet in depth and one hundred feet in width between said bays.

Saint Charles Bay, with a view to the removal of reefs which now obstruct navigation.

Ship channel from Beaumont and Orange, on the Sabine and Neches rivers, to Sabine Pass on the west side of said lake, at or near the margin of said lake, with a view to excavating a channel of a depth of nine, twelve, eighteen, and twenty-five feet, and as to the practicality and feasibility of connecting the channel proposed above with the channel or canal now known as the Port Arthur Canal, extending from Sabine Pass to Port Arthur, and as to other matters touching the construction, excavating, and desirability of the channel herein proposed which may be deemed worthy or material, and as to such other facts in connection with the construction of said canal as the Secretary of War may deem proper.

Cypress Bayou, and especially Cypress Bayou with the lakes between the city of Jefferson, Texas, and the Red River, with a view to ascertaining whether the same can be made navigable by means of a dam put below Albany Flats, and by cutting a ditch in a northeasterly direction into Red River.

The Guadalupe River from light-draft navigable water in San Antonio Bay, first to the city of Victoria, second above said city to a point whence navigation may be feasible and desirable.

The Sulphur River from its mouth to Sulphur Station, with a view to ascertaining the best and most advisable method to procure a navigable depth of four, five, and six feet.

Sabine River from its mouth to Logansport.

VIRGINIA.

Virginia.

Oyster Harbor.

Alexandria Harbor, with a view to improving the channel in Hunting Creek and across the Potomac to Maryland.

WASHINGTON.

Washington.

Duncan Rocks, Straits of Juan de Fuca, with a view to the removal of the same.

Snohomish River, between the city of Snohomish and the confluence of the Skykomish and Snoqualmie rivers, including Stretches Riffle, with a view to providing a channel of sufficient depth and width at low water to accommodate steam vessels which may reasonably be expected to navigate said waters.

The Puyallup and other waterways, not already surveyed, of the harbor of Tacoma, with a view to further harbor improvement.

Columbia River, between Vancouver and the mouth of the Willamette, with a view to ascertaining the effects of the dikes and other works between the points named.

WEST VIRGINIA.

West Virginia.

Little Kanawha River, with a view of continuing the improvement thereof to Burnsville.

Big Kanawha River from Lock Numbered Two to the Falls.

Elk River, with a view to open river navigation.

Cheat River.

New River at its confluence with the Greenbrier River.

WISCONSIN.

Wisconsin.

Harbor at South Milwaukee: Resurvey, with a view to the modification of the present plan of said harbor, and with a view to ascertaining the feasibility and advisability of the construction of a harbor suitable for the needs of commerce at said port, with plans and estimates of the same.

Harbor at Port Washington.

Harbor at Stone Haven, with a view to the improvement of the same by the construction of piers or otherwise to meet the demands of commerce at this port.

Milwaukee: The Menominee, Milwaukee, and Kinnickinnick rivers, in the city of Milwaukee, with a view to the improvement and enlargement of the harbor facilities at Milwaukee by the deepening of said rivers and the construction of one or more turning basins or otherwise. In any estimate, the cost of land required, if any, shall not be included.

Approved, June 13, 1902.

June 13, 1902.

[Public, No. 155.]

CHAP. 1080.—An Act Providing for free homesteads in the Ute Indian Reservation in Colorado.

Ute Indian Reservation, Colo.
Homestead laws extended over former.

Proviso.
Entries prohibited.

Reimbursement of Ute Indians.

Government improved lands excepted.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the provisions of the homestead laws be, and are hereby, extended over and shall apply to the lands included within the limits of the former Ute Indian Reservation in Colorado not included in any forest reservation, in addition to the provisions of existing laws relating to cash entries thereon: *Provided,* That no selection or entry of lands in lieu of land included within a forest reservation or of soldiers' or sailors' additional homesteads shall be allowed within said limits.

SEC. 2. That all sums of money that may be lost to the Ute Indian fund by reason of the passage of this Act shall be paid into the fund by the United States, and all moneys received by reason of the commutation of any homestead entry shall be credited to said Ute Indian fund.

SEC. 3. That no lands shall be included in any location or settlement under the provisions of this Act on which the United States Government has valuable improvements.

Approved, June 13, 1902.

June 13, 1902.

[Public, No. 156.]

CHAP. 1081.—An Act Granting the right of way to the Alafia, Manatee and Gulf Coast Railway Company through the United States light-house and military reservations on Gasparilla Island, in the State of Florida.

Alafia, Manatee and Gulf Coast Railway Company.

Right of way granted through military reservations, etc., on Gasparilla Island, Fla.

Secretaries of Treasury and War to approve location.

Provisos.
Construction, etc.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Alafia, Manatee and Gulf Coast Railway Company, a corporation organized under the laws of the State of Florida, is hereby granted the right of way, one hundred feet in width, through the reservations lying on Gasparilla Island, in the State of Florida, known as the light-house and military reservations.

SEC. 2. That the line and location of the right of way to the said the Alafia, Manatee and Gulf Coast Railway Company through the light-house and military reservations lying on Gasparilla Island, in the State of Florida, shall be subject to the approval and under the control of the Secretary of the Treasury and Secretary of War: *Provided,* That the said railway company, on notification by the Secretaries of the Treasury and War, shall, within a reasonable time thereafter, construct, maintain, and operate, at its own expense, a spur, track, or tracks, to enter into and be located at such place or places within the present limits of the light-house inclosure on said reservation, and also on the