

street. The proceeds of sale to be applied to the use mentioned in said section three.

Approved, March 3, 1881.

March 3, 1881.

CHAP. 135.—An act making appropriations for fortifications and other works of defense, and for the armament thereof, for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

Appropriations.
Forts and fortifications.

Secretary of War to make report, etc.

Armament, etc.

President to select board of Army officers to examine ordnance, etc., and report, with recommendations.

Torpedoes.

Proviso.

Exchange or sale of unserviceable powder and shot.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred and seventy-five thousand dollars be, and the same is hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the protection, preservation, and repair of fortifications and other works of defense, for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, the same to be expended under the direction of the Secretary of War; and the Secretary of War is directed to make report of the condition of the fortifications, and what number of them, if any, can be dispensed with; also, the following for the armament of fortifications, namely:

For the armament of sea-coast fortifications, including heavy guns and howitzers for flank defense, carriages, projectiles, fuses, powder, and implements, their trial and proof, and all necessary expenses incident thereto, and for machine guns, including the conversion of smooth-bore cannon into rifles, three hundred and twenty-five thousand dollars. And the President is authorized to select a board, to consist of one engineer officer, two ordnance officers, and two officers of artillery, whose duty it shall be to make examinations of all inventions of heavy ordnance and improvements of heavy ordnance and projectiles that may be presented to them, including guns now being constructed or converted under direction of the Ordnance Bureau; and said board shall make detailed report to the Secretary of War, for transmission to Congress, of such examination, with recommendation as to what inventions are worthy of actual test, and the estimated cost of such test; and the sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for such purpose.

For torpedoes for harbor defenses, and the preservation of the same, and for torpedo experiments in their application to harbor and land defense, and for instruction of engineer battalion in their preparation and application, fifty thousand dollars: *Provided*, That the money herein appropriated for torpedoes shall only be used in the establishment and maintenance of torpedoes to be operated from shore stations for the destruction of an enemy's vessel approaching the shore or entering the channels and fairways of harbors.

And the Secretary of War is hereby authorized, in his discretion, to exchange the unserviceable and unsuitable powder and shot on hand for new powder and projectiles, or to sell the same and purchase similar articles with the proceeds of the sales; and he shall make statement of his action under this provision in his next annual report.

Approved, March 3, 1881.

March 3, 1881.

CHAP. 136.—An act making appropriations for the construction, completion, repair, and preservation of certain works on rivers and harbors, and for other purposes.

Appropriations.
Rivers and harbors:

Richmond Island Harbor.

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, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Improving Richmond Island Harbor, Maine: Completing improvement three thousand dollars.

Improving harbor at Portsmouth, New Hampshire, twenty thousand dollars.	Portsmouth Harbor.
Improving harbor at Burlington, Vermont, ten thousand dollars.	Burlington Harbor.
Improving harbor at Swanton, Vermont, two thousand five hundred dollars.	Swanton Harbor.
Improving harbor at Hyannis, Massachusetts: Completing improvement, five thousand dollars.	Hyannis Harbor.
Improving harbor at Newburyport, Massachusetts, forty thousand dollars.	Newburyport Harbor.
Improving harbor at Nantucket, Massachusetts, twenty-five thousand dollars.	Nantucket Harbor.
Improving harbor at Plymouth, Massachusetts, ten thousand dollars.	Plymouth Harbor.
Improving harbor at Provincetown, Massachusetts, five thousand dollars.	Provincetown Harbor.
Improving Little Narragansett Bay, Rhode Island, five thousand dollars.	Little Narragansett Bay.
Improving harbor at Bridgeport, Connecticut, ten thousand dollars.	Bridgeport Harbor.
Improving harbor at New Haven, Connecticut, fifteen thousand dollars.	New Haven Harbor.
Breakwater at New Haven, Connecticut, sixty thousand dollars.	New Haven Breakwater.
Improving harbor at Norwalk, Connecticut, five thousand dollars.	Norwalk Harbor.
Improving harbor at Southport, Connecticut, two thousand five hundred dollars.	Southport Harbor.
Improving harbor at Boston, Massachusetts, one hundred thousand dollars; of which sum forty thousand dollars shall be expended in said harbor, thirty-five thousand dollars at the mouth of Charles River in said harbor and up to Watertown, twenty thousand dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach.	Boston Harbor, etc.
Improving Oakland Harbor, California, sixty thousand dollars; and the sums of money heretofore appropriated for this improvement and unexpended are hereby reappropriated; but the sums so appropriated and reappropriated shall not be available until the right of the United States to the bed of the estuary and training walls of this work is secured, free of expense to the government, in a manner satisfactory to the Secretary of War.	Oakland Harbor.
Improving Raritan River, New Jersey, twenty-five thousand dollars; of which sum twenty thousand dollars shall be expended on rocks at Whitehead Sand Dock, and five thousand dollars at South Channel, between Crab Island and South Amboy.	Raritan River.
Improving harbor at Stonington, Connecticut, thirty thousand dollars.	Stonington Harbor.
Improving harbor at Buffalo, New York, ninety thousand dollars.	Buffalo Harbor.
Improving harbor at Charlotte, New York: Repair of piers, two thousand five hundred dollars.	Charlotte Harbor.
Improving Echo Harbor, New Rochelle, New York, three thousand dollars.	Echo Harbor.
Improving Flushing Bay, New York, ten thousand dollars.	Flushing Bay.
Improving harbor at Great Sodus Bay, New York, five thousand dollars.	Great Sodus Bay Harbor.
Improving harbor at Little Sodus Bay, New York, twenty thousand dollars.	Little Sodus Bay Harbor.
Improving harbor at Olcott, New York, three thousand dollars.	Olcott Harbor.
Deepening and widening the channel in Gowanus Bay and the Harbor of New York, forty thousand dollars.	Channel, Gowanus Bay and New York Harbor.
Improving harbor at Port Jefferson, Long Island Sound, New York, four thousand dollars.	Port Jefferson Harbor.
Improving harbor of New Rochelle, New York, twenty thousand dollars.	New Rochelle Harbor.

Harbor at Pultneyville.	Improving harbor at Pultneyville, New York, two thousand dollars.
Wilson Harbor.	Improving harbor at Wilson, New York, ten thousand dollars.
Waddington Harbor.	Improving harbor at Waddington, New York, two thousand five hundred dollars.
Ticonderoga River.	Improving Ticonderoga River, New York, five thousand dollars.
Erie Harbor.	Improving harbor at Erie, Pennsylvania, twenty thousand dollars.
Marcus Hook ice-harbor.	Ice-harbor at Marcus Hook, Pennsylvania, thirty thousand dollars.
Pier, Delaware Bay.	Pier in Delaware Bay, near Lewes, Delaware, ten thousand dollars.
Piers, ice-harbor, New Castle.	Piers of ice-harbor at New Castle, Delaware: Completing improvement, twenty thousand dollars.
Annapolis Harbor.	Improving harbor at Annapolis, Maryland, five thousand dollars.
Breton Bay.	Improving Breton Bay, Leonardtown, Maryland, three thousand dollars.
Washington and Georgetown harbors and channels.	Improving the harbors and channels at Washington and Georgetown, District of Columbia, fifty thousand dollars.
Norfolk Harbor.	Improving harbor at Norfolk, Virginia, and its approaches, seventy-five thousand dollars.
Oswego Harbor.	For enlargement and improvement, according to the plan and recommendation of the Engineer Department, of harbor facilities at Oswego, New York, including dredging entrance to harbor, fifty thousand dollars.
Shrewsbury River.	Improving Shrewsbury River, New Jersey: Completing improvement, eighty-six thousand dollars; of which sum thirty-six thousand dollars shall be expended on South Branch, and fifty thousand dollars on Main and North Branch.
New River.	Improving New River from lead mines in Wythe County, Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum fifteen thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier up, and nine thousand dollars in the continuation of the work from the lead mines in Wythe County down.
Charleston Harbor.	Improving harbor at Charleston, South Carolina, one hundred and seventy-five thousand dollars.
Brunswick Harbor.	Improving harbor at Brunswick, Georgia, five thousand dollars.
Savannah Harbor and River.	Improving Savannah Harbor and River, Georgia, sixty-five thousand dollars; of which sum one thousand dollars may be applied to payment of damages for land taken for widening the channel opposite Savannah.
Apalachicola Bay.	Improving Apalachicola Bay, Florida, ten thousand dollars.
Tampa Bay.	Improving Tampa Bay, Florida: Completing the deepening of the bar and channel from the bar to the town of Tampa, ten thousand dollars.
Mobile Harbor.	Improving harbor at Mobile, Alabama, one hundred thousand dollars.
Mississippi River and Harbor.	Improving Mississippi River at and near Vicksburgh, and protection of harbor of Vicksburgh, Mississippi, seventy-five thousand dollars.
New Orleans Harbor.	Improving harbor at New Orleans, Louisiana, seventy-five thousand dollars.
Galveston Harbor.	Improving Galveston Harbor, Texas: Continuing operations at outer bar, two hundred and fifty thousand dollars.
Ashtabula Harbor.	Improving harbor at Ashtabula, Ohio: To secure a sixteen-foot channel, twenty thousand dollars.
Black River Harbor.	Improving harbor at Black River, Ohio, seven thousand dollars.
Cleveland Harbor.	Improving harbor at Cleveland, Ohio, two hundred thousand dollars.
Fairport Harbor.	Improving harbor at Fairport, Ohio, ten thousand dollars.
Huron Harbor.	Improving harbor at Huron, Ohio, three thousand dollars.
Ice-harbor, Muskingum River.	Ice-harbor at mouth of Muskingum River, Ohio, thirty thousand dollars.

Improving harbor at Port Clinton, Ohio, five thousand dollars.	Harbors at—
Improving harbor at Sandusky City, Ohio, ten thousand dollars.	Port Clinton;
Improving harbor at Toledo, Ohio, forty thousand dollars.	Sandusky City;
Improving harbor at Vermillion, Ohio, two thousand dollars.	Toledo;
Improving harbor at Michigan City, Indiana: Continuing operations	Vermillion;
at outside harbor, twenty thousand dollars; for continuing improvement	Michigan City;
on the inner harbor, twenty-five thousand dollars.	
Improving harbor at Calumet, Illinois, thirty thousand dollars.	Calumet;
Improving outside harbor at Chicago, Illinois: Dredging in outer	Chicago.
harbor and constructing exterior breakwater, one hundred and fifty	
thousand dollars.	
Improving Galena River and Harbor, Illinois, twelve thousand dollars.	Galena River and
	Harbor.
Improving harbor at Rock Island, Illinois, six thousand dollars.	Rock Island Har-
	bor.
Improving Monongahela River, West Virginia and Pennsylvania,	Monongahela
twenty-five thousand dollars; but this sum shall not be expended until	River.
the Monongahela Navigation Company shall have undertaken in good	
faith the building of lock and dam number seven, at Jacob's Creek, and	
until said company shall, in manner satisfactory to the Secretary of War,	
give assurance of their ability and purpose to complete the same.	
Improving Shenandoah River, West Virginia, two thousand five hun-	Shenandoah Riv-
dred dollars; but this sum shall not be expended, nor shall the sum	er.
heretofore appropriated therefor be expended, until any corporate rights	
or franchises that may exist over said river shall have been relinquished	
to the United States to the satisfaction of the Secretary of War.	
Improving harbor at Waukegan, Illinois, fifteen thousand dollars.	Waukegan Har-
	bor.
Ice-harbor at Saint Louis, Missouri, ten thousand dollars.	Ice-harbor, Saint
	Louis.
Improving harbor and the Mississippi River at Memphis, Tennessee,	Memphis Har-
fifteen thousand dollars.	bor.
Improving harbor and river at Au Sable, Michigan, six thousand	Au Sable Har-
dollars.	bor.
Improving harbor at Charlevoix, Michigan, ten thousand dollars.	Charlevoix Har-
	bor.
Improving harbor at Cheboygan, Michigan, six thousand dollars.	Cheboygan Har-
	bor.
Improving harbor at Frankfort, Michigan, ten thousand dollars.	Frankfort Har-
	bor.
Improving harbor at Grand Haven, Michigan, fifty thousand dollars.	Harbors at—
Improving harbor at Black Lake, Michigan: Continuing operations	Grand Haven;
for completion of old project, six thousand dollars.	Black Lake.
Harbor of refuge at Grand Marais, Michigan, twenty thousand dollars.	Harbor of refuge
Harbor of refuge at Lake Huron, Michigan, fifty thousand dollars.	at—
	Grand Marais;
Improving harbor at Ludington, Michigan, ten thousand dollars.	Lake Huron.
Improving harbor at Manistee, Michigan, ten thousand dollars.	Harbors at—
Improving Manistique Harbor, Michigan: Completing improvement,	Ludington;
one thousand dollars.	Manistee;
	Manistique;
Improving harbor at Monroe, Michigan, one thousand dollars.	
Improving harbor at Muskegon, Michigan, twenty thousand dollars.	Monroe;
Improving harbor at Ontonagon, Michigan, twenty thousand dollars.	Muskegon;
Improving harbor at Pentwater, Michigan, ten thousand dollars.	Ontonagon;
Harbor of refuge at Portage Lake, Michigan, ten thousand dollars.	Pentwater.
	Harbor of refuge,
Improving river and harbor at Saint Joseph, and water-channel lead-	Portage Lake.
ing up to Benton Harbor, Michigan, ten thousand dollars.	Saint Joseph Har-
Improving harbor at Saugatuck, Michigan, five thousand dollars.	bor and River.
	Saugatuck Har-
Improving harbor at South Haven, Michigan, five thousand dollars	bor.
	South Haven
Improving harbor at White River, Michigan, seven thousand five hun-	Harbor.
dred dollars.	White River Har-
	bor.

Grand River.	Improving Grand River from its mouth to the city of Grand Rapids, Michigan, ten thousand dollars.
Clinton River.	Continuing improvement of Clinton River, Michigan, eight thousand dollars.
Ice-harbor refuge, Belle River, removing bar.	Removing bar at ice-harbor of refuge at Belle River, Michigan, seven thousand dollars.
Ahnapee Harbor.	Improving harbor at Ahnapee, Wisconsin, eight thousand dollars.
Green Bay Harbor.	Improving harbor at Green Bay, Wisconsin, five thousand dollars.
Kenosha Harbor.	Improving harbor at Kenosha, Wisconsin, five thousand dollars.
Ohio River, Davis Island Dam.	Improving Ohio River, three hundred and fifty thousand dollars; of which sum one hundred and fifty thousand dollars may, in the discretion of the engineers, be expended on Davis Island Dam, and two hundred thousand dollars on the river from its mouth to its head: <i>Provided</i> , That fifty thousand dollars of the last-named sum may, in the discretion of the engineers, be expended on Indiana Chute; and fifty thousand dollars of the last named sum, or so much thereof as shall be necessary, shall be applied to the completion of the work on Grand Chain.
<i>Proviso.</i>	
Indiana Chute.	
Grand Chain.	
Harbors at—	
Manitowoc;	Improving harbor at Manitowoc, Wisconsin, four thousand dollars.
Menomonee;	Improving harbor at Menomonee, Wisconsin, twelve thousand dollars.
Milwaukee;	Improving harbor at Milwaukee, Wisconsin: Extension and repairs of piers and dredging, eight thousand dollars.
Port Washington;	Improving harbor at Port Washington, Wisconsin, seventeen thousand dollars.
Racine;	Improving harbor at Racine, Wisconsin, six thousand dollars.
Sheboygan;	Improving harbor at Sheboygan, Wisconsin: Repairs, dredging, and extension of piers, twenty-five thousand dollars.
Superior Bay.	Improving Superior Bay, Wisconsin: Dredging for improvement of natural entrance and for repairing existing works, ten thousand dollars.
Sturgeon Bay Canal harbor of refuge.	Harbor of refuge at Sturgeon Bay Canal, Wisconsin, ten thousand dollars.
Two Rivers Harbor.	Improving harbor at Two Rivers, Wisconsin, fifteen thousand dollars.
Oconto Harbor.	Improving harbor at Oconto, Wisconsin, ten thousand dollars.
Fort Madison Harbor.	Improving harbor at Fort Madison, Iowa, two thousand five hundred dollars.
Muscatine Harbor.	Improving harbor at Muscatine, Iowa, two thousand five hundred dollars.
Harbors at—	
Grand Marais;	Improving harbor at Grand Marais, Minnesota, twenty thousand dollars.
Duluth;	Improving harbor at Duluth, Minnesota, forty thousand dollars.
Wilmington;	Improving harbor at Wilmington, California, thirty-three thousand dollars
Humboldt.	Improving Humboldt Harbor and Bay, forty thousand dollars.
Cathance River.	Improving Cathance River, Maine, six thousand dollars.
"Gut," opposite Bath, Me.	Improving the "Gut", opposite Bath, Maine, five thousand dollars.
Kennebunk River.	Improving Kennebunk River, Maine: Completing improvement, two thousand dollars.
Lubec Channel.	Improving Lubec Channel, Maine, forty-five thousand dollars.
Exeter River—"Ox Bow."	Improving Exeter River, New Hampshire, fifteen thousand dollars; of which sum an amount not exceeding seven hundred and fifty dollars shall be available immediately, to be used in acquiring title to land used in the cut-off at "Ox Bow".
Lamprey River.	Improving Lamprey River, New Hampshire, below New Market, ten thousand dollars.
Winnipiseogee Lake.	Improving Winnipiseogee Lake, New Hampshire: Completing improvement, two thousand five hundred dollars: <i>Provided</i> , That no right to raise or lower the water-level of said lake is hereby granted to any person or corporation.
<i>Proviso.</i>	
Otter Creek.	Improving Otter Creek, Vermont, two thousand dollars.

Improving Merrimac River, Massachusetts, nine thousand dollars.	Merrimac River.
Improving Taunton River, Massachusetts, twenty-five thousand dollars.	Taunton River.
Improving Providence River and Narragansett Bay, Rhode Island, sixty thousand dollars.	Providence River and Narragansett Bay.
Improving Potomowut River, Rhode Island, five thousand dollars.	Potomowut River.
Improving Milwaukee Bay, for purposes of harbor of refuge, one hundred thousand dollars.	Milwaukee Bay.
Improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, wrecks, and other obstructions, one hundred and eighty-five thousand dollars; of which sum eighty thousand dollars shall be expended on the Mississippi River, eighty thousand dollars on the Missouri River, and twenty-five thousand dollars on the Arkansas River. And the work herein provided for shall be prosecuted at all seasons of the year, and especially between the first day of July and the first day of November of each year: <i>Provided</i> , That so much of said sum of eighty thousand dollars hereby appropriated to the Missouri River as may be necessary shall be expended in the construction of a snag and dredge boat to be used in said river, the balance of said eighty thousand dollars to be expended in operating said boat.	Mississippi, Missouri, and Arkansas Rivers.
Improving Chippewa River, Wisconsin, ten thousand dollars; but this sum is appropriated subject to the same conditions and limitations imposed by section one of the act approved March third, eighteen hundred and seventy-nine, for the improvement of rivers and harbors, relating to said Chippewa River.	<i>Proviso.</i> Chippewa River. 1879, ch. 181, Stat., 20, 372.
Improving Connecticut River below Hartford, Connecticut, thirty thousand dollars; of which sum ten thousand dollars shall be used to continue the work in progress on the bar at the mouth of the river, and three thousand dollars in dredging the channel below Rocky Hill.	Connecticut River.
Improving Housatonic River, Connecticut, two thousand dollars.	Housatonic River.
Improving Thames River, Connecticut, thirty thousand dollars.	Thames River.
Improving New London Harbor, Connecticut, four thousand three hundred dollars.	New London Harbor.
Removing obstructions in East River and Hell Gate, New York, two hundred thousand dollars.	East River, Hell Gate, removing obstructions.
Improving Buttermilk Channel, New York, sixty thousand dollars.	Buttermilk Channel.
Improving Hudson River, New York, fifteen thousand dollars.	Hudson River.
Improving Cheesequake's Creek, New Jersey, five thousand dollars.	Cheesequake's Creek.
Improving Cohansey Creek, New Jersey, seven thousand dollars.	Cohansey Creek.
Improving Elizabeth River, New Jersey, four thousand dollars.	Elizabeth River.
Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, fifty thousand dollars.	Passaic River.
Improving Rahway River, New Jersey, ten thousand dollars.	Rahway River.
Improving South River, New Jersey, six thousand dollars.	South River.
Improving Woodbridge Creek, New Jersey; Continuing improvement, five thousand dollars.	Woodbridge Creek.
Improving Allegheny River from mouth of French Creek to Pittsburgh, Pennsylvania, twenty-five thousand dollars.	Allegheny River.
Improving Schuylkill River, Pennsylvania, forty thousand dollars.	Schuylkill River.
Improving Delaware River below Bridesburg, Pennsylvania, one hundred thousand dollars.	Delaware River.
Improving Delaware River between Trenton, New Jersey, and Bridesburg, Pennsylvania, ten thousand dollars.	
Improving Delaware River near Cherry Island Flats, one hundred thousand dollars.	
Improving Delaware River at Schooner Ledge, Pennsylvania and Delaware, forty thousand dollars.	
Improving Broadkill River, Delaware, five thousand dollars.	Broadkill River.

Mississippi River.	For the improvement of the Mississippi River, in accordance with the plan therefor recommended in Executive Document number fifty-eight, second session Forty-sixth Congress, by the Mississippi River Commission, to be expended by the Secretary of War, with the advice and under the supervision of said commission, the sum of one million dollars. And it shall be the duty of said commission to take into consideration, and of the Secretary of War to extend operations, under their supervision, to tributaries of the Mississippi River to the extent, and no further, that may be necessary in the judgment of said commission to the perfection of the general and permanent improvement of said Mississippi River; but this clause shall not be construed to interfere with the prosecution by the War Department of the improvement of said Mississippi River and its tributaries under general appropriations made therefor: <i>Provided</i> , That no portion of the sum hereby appropriated shall be used in the repair or construction of levees for the purpose of preventing injury to lands by overflow, or for any other purpose whatever except as a means of deepening or improving the channel of said river. And it shall be the duty of said commission to make report, on or before the first day of January next, to the Secretary of War, for transmission by him to Congress, of a detailed statement of the work done, and of the expenditure made from the sum hereby appropriated, with their judgment upon the effect of such work, and the general practicability and estimate of the total cost of such improvements along said river from Cairo to the head of the passes.
Ex. Document 58, 2d Sess. 46 Cong.	
General and permanent improvement.	
<i>Proviso.</i>	
Report.	
Broad Creek.	Improving Broad Creek from its mouth to Laurel, Delaware, ten thousand dollars.
Duck Creek.	Improving mouth of Duck Creek, Delaware, three thousand dollars.
Mispillion Creek.	Improving Mispillion Creek, Delaware, three thousand five hundred dollars.
Choptank River.	Improving Choptank River between Denton and Greensborough, Maryland, five thousand dollars.
Elk River.	Improving Elk River, Maryland, five thousand dollars.
Secretary Creek.	Improving Secretary Creek, Maryland, three thousand dollars.
Threadhaven Creek.	Improving Threadhaven Creek for three miles below Easton, Maryland three thousand dollars.
Wicomico River.	Improving Wicomico River below Salisbury, Maryland: Completing improvement, two thousand dollars.
Chester River.	Improving Chester River from Spry's Landing to Crumpton, Maryland, six thousand five hundred dollars.
Water passage, Deal's Island.	Improving water-passage between Deal's Island and Little Deal's Island, Maryland, five thousand dollars.
Appomattox River.	Improving Appomattox River, Virginia, twenty thousand dollars to be expended on the improvement of the river and harbor at Petersburg, Virginia.
Blackwater River.	Improving Blackwater River, Virginia, one thousand five hundred dollars.
Chickahominy River.	Improving Chickahominy River, Virginia, two thousand dollars.
Dan River.	Improving Dan River between Danville, Virginia, and Madison, North Carolina, eight thousand dollars.
James River.	Improving James River, Virginia, sixty thousand dollars.
Mattaponi River.	Improving Mattaponi River, Virginia, three thousand three hundred dollars.
Nomoni Creek.	Improving mouth of Nomoni Creek, Virginia, two thousand dollars.
North Landing River.	Improving North Landing River, Virginia and North Carolina, seven thousand five hundred dollars.
Nottaway River.	Improving Nottaway River, Virginia, two thousand dollars.
Pagan Creek.	Improving Pagan Creek, Virginia, five thousand dollars.
Pamunkey River.	Improving Pamunkey River, Virginia, two thousand five hundred dollars.
Channel at Mount Vernon, Va.	Dredging a channel through the flats in front of Mount Vernon, Virginia, one thousand five hundred dollars.

Improving Rappahannock River, Virginia, fifteen thousand dollars.	Rappahannock River.
Improving Staunton River, Virginia, five thousand dollars.	Staunton River.
Improving Totuski River, Virginia, two thousand five hundred dollars.	Totuski River.
Improving Urbana Creek, Virginia, four thousand dollars.	Urbana Creek.
Improving York River at West Point, Virginia, twenty-five thousand dollars.	York River.
Improving harbor at Baltimore, Maryland: Continuing operations for the shortening and deepening the channel to twenty-seven feet at mean low water, one hundred and fifty thousand dollars.	Baltimore Harbor.
Improving Elk River, West Virginia, five thousand dollars.	Elk River.
Improving Great Kanawha River, and operation of works, West Virginia, two hundred thousand dollars.	Great Kanawha River.
Improving Guyandotte River, West Virginia, three thousand five hundred dollars.	Guyandotte River.
Improving Little Kanawha River, West Virginia, forty thousand dollars: <i>Provided</i> , That no tolls shall be collected by the Little Kanawha Navigation Company for that part of the river improved by the general government.	Little Kanawha River. <i>Proviso.</i> Little Kanawha Navigation Company.
Improving Cape Fear River, North Carolina, from the ocean to Wilmington, one hundred and forty thousand dollars.	Cape Fear River.
Improving the Cape Fear River from Wilmington to Fayetteville, North Carolina, thirty thousand dollars: <i>Provided</i> , That the Secretary of War is directed to expend of the money hereby appropriated, a sum not exceeding ten thousand dollars, to extinguish any claim of right held by any company or corporation, to take tolls or make charges for the navigation of so much of said river as is above described; <i>And provided further</i> , That said claim of right shall be extinguished and released on or before the first day of December, eighteen hundred and eighty one, and no part of this appropriation shall be expended in the improvement of said river until such claim of right is wholly extinguished and released: <i>Provided further</i> , That nothing herein contained shall be taken or held as a waiver on the part of the United States to the exclusive control of navigation of said river relieved from any charges or tolls imposed by any company or corporation.	<i>Proviso.</i> <i>Proviso.</i> <i>Proviso.</i>
Improving Currituck Sound, Coanajok Bay, North River and Bar, North Carolina, thirty thousand dollars.	Currituck Sound.
Improving French Broad River, North Carolina, five thousand dollars.	French Broad River.
Improving Neuse River from its mouth to head of navigation, North Carolina, thirty thousand dollars.	Neuse River.
Improving Pamlico and Tar Rivers, North Carolina, eight thousand dollars.	Pamlico and Tar Rivers.
Improving Scuppernong River, North Carolina, one thousand dollars.	Scuppernong River.
Improving Trent River, North Carolina, five thousand dollars.	Trent River.
Improving Yadkin River, North Carolina, twelve thousand dollars.	Yadkin River.
Improving Contentnia Creek, North Carolina, ten thousand dollars.	Contentnia Creek.
Improving Beaufort Harbor, North Carolina, thirty thousand dollars.	Beaufort Harbor.
Improving Lillington River, North Carolina, three thousand dollars.	Lillington River.
Improving Ashley River, South Carolina, one thousand five hundred dollars.	Ashley River.
Improving Great Pedee River, South Carolina, between Little Bluff and Cheraw, six thousand dollars.	Great Pedee River.
Improving Waccemaw River, South Carolina, from its mouth up to Waccemaw Lake, North Carolina, ten thousand dollars.	Waccemaw River.
Improving Town Creek, in North Carolina, one thousand dollars.	Town Creek.
Improving Chattahoochie River, Georgia, twenty thousand dollars.	Chattahoochie River.

Coosa River.	Improving Coosa River, Georgia and Alabama, sixty thousand dollars.
Flint River.	Improving Flint River, Georgia, fifteen thousand dollars.
Ockmulgee River.	Improving Ockmulgee River, Georgia, five thousand dollars.
Oconee River.	Improving Oconee River, Georgia, two thousand five hundred dollars; of which sum one thousand five hundred dollars to be expended between Dublin and Oconee Bridge.
Oostenaula and Coosawattee Rivers.	Improving Oostenaula and Coosawattee Rivers, Georgia, one thousand dollars.
Savannah River.	Improving Savannah River above Augusta, Georgia, eight thousand dollars.
Apalachicola River.	Improving Apalachicola River, Florida, one thousand five hundred dollars.
Choctawhatchee River.	Improving Choctawhatchee River, Florida and Alabama, up to Newton, ten thousand dollars.
Cumberland Sound.	Improving entrance to Cumberland Sound, between Amelia and Cumberland Islands, in Florida and Georgia, one hundred thousand dollars.
Escambia River.	Improving Escambia River, Florida and Alabama, five thousand dollars.
Saint John's River.	Improving Saint John's River, Florida, one hundred thousand dollars.
Pea's Creek.	Improving Pea's Creek, in Florida, seven thousand dollars.
Withlacooche River.	Improving Withlacooche River, in Florida, seven thousand five hundred dollars.
Suwanee River.	Improving Suwanee River, Florida, three thousand dollars.
Volusia Bar.	Improving Volusia Bar, Florida, five thousand five hundred dollars.
Alabama River.	Improving Alabama River, Alabama, twenty thousand dollars.
Big Sunflower River.	Improving Big Sunflower River, Mississippi, four thousand dollars.
Noxubee River.	Improving Noxubee River, Mississippi, eight thousand dollars.
Pascagoula River.	Improving Pascagoula River, Mississippi, four thousand dollars.
Pearl River.	Improving Pearl River below Jackson, Mississippi, twenty-five thousand dollars.
	Improving Pearl River, Mississippi, from Jackson to Carthage, two thousand five hundred dollars.
Tallahatchee River.	Improving Tallahatchee River, Mississippi, three thousand dollars; of which sum two thousand dollars shall be expended above the mouth of Cold Water River to Batesville.
Tombigbee River.	Improving Tombigbee River above Columbus, Mississippi, one thousand dollars.
Yazoo River.	Improving Yazoo River, Mississippi, six thousand dollars.
Amite River.	Improving Amite River, Louisiana, five thousand dollars.
Bayou Courta- bleau.	Improving Bayou Courtableau from Port Barre to Atchafalaya, Louisiana, seven thousand five hundred dollars.
Bayou Teche.	Improving Bayou Teche from Saint Martinville to Port Barre, Louisiana, twenty thousand dollars.
Bayou Terre- bonne.	Improving Bayou Terrebonne, Louisiana: Completing improvement, eight thousand eight hundred dollars.
Red River.	Removing raft in Red River and closing Tone's Bayou, Louisiana, ten thousand dollars.
	Removing obstructions from Red River, Louisiana, ten thousand dollars. And the Secretary of War is hereby directed to cause a thorough survey to be made of the mouth of Red River, and a plan for its permanent improvement to be reported to Congress on or before the first Monday of December, eighteen hundred and eighty-one, with estimates of cost; and said survey and plan to be paid for out of the unexpended balance already appropriated for the mouth of Red River.
Tangipahoa River.	Improving Tangipahoa River, Louisiana, two thousand dollars.
Vermillion River.	Improving Vermillion River, Louisiana: Completing improvement, four thousand nine hundred dollars.

Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, to be expended in the same proportions as the appropriation under the act of June, eighteen hundred and eighty, twenty-five thousand dollars.	Warrior River.
Improving Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas, eighty thousand dollars.	Aransas Pass.
Improving channel over bar at mouth of Brazos River, Texas, forty thousand dollars.	Brazos River, channel at mouth of.
Improving Pass Cavallo Inlet into Matagorda Bay, Texas, sixty thousand dollars.	Pass Cavallo Inlet.
Improving ship-channel, Galveston Bay, Texas, fifty thousand dollars.	Ship-channel, Galveston Bay.
Improving Neches River, Texas, three thousand dollars.	Neches River.
Improving Sabine Pass and Blue Buck Bar, Texas, one hundred and fifty thousand dollars.	Sabine Pass and Blue Buck Bar.
Improving Narrows of Sabine River above Orange, Texas, and to deepen channel at its mouth, seven thousand dollars.	Sabine River.
Improving Trinity River, Texas, ten thousand dollars.	Trinity River.
Improving Arkansas River between Fort Smith, Arkansas, and Wichita, Kansas, twenty-four thousand dollars.	Arkansas River.
Improving Arkansas River at Pine Bluff, Arkansas, twenty-three thousand dollars.	
Improving Black River, Arkansas and Missouri, six thousand dollars, to be applied from Poplar Bluff.	Black River.
Improving Fourche Le Fevre River, Arkansas, three thousand dollars.	Fourche Le Fevre River.
Improving Ouachita River, Arkansas and Louisiana, twelve thousand dollars.	Ouachita River.
Improving Saline River, Arkansas, five thousand dollars.	Saline River.
Improving White River between Jacksonport and Buffalo Shoals, Arkansas, eight thousand dollars.	White River.
Improving White and Saint Francis Rivers, Arkansas, eight thousand dollars.	
Improving Big Hatchee River, Tennessee, three thousand five hundred dollars.	Big Hatchee River.
Improving Caney Fork River, Tennessee, four thousand dollars.	Caney Fork River.
Improving Clinch River Tennessee, three thousand dollars.	Clinch River.
Improving Cumberland River above Nashville, Tennessee: From Nashville to Kentucky State line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, fifteen thousand dollars; at Smith's Shoals, completing improvement, ten thousand dollars.	Cumberland River.
Improving Cumberland River below Nashville, Tennessee, fifteen thousand dollars.	
Improving Duck River, Tennessee, three thousand dollars.	Duck River.
Improving French Broad River above Knoxville, Tennessee, three thousand five hundred dollars.	French Broad River.
Improving Hiwassee River, Tennessee, one thousand five hundred dollars.	Hiwassee River.
Improving Obed's River, Tennessee, two thousand five hundred dollars.	Obed's River.
Improving Tennessee River above Chattanooga, Tennessee, seven thousand dollars.	Tennessee River.
Improving Red River from its mouth to Port Royal, in Montgomery County, Tennessee, five thousand dollars.	Red River.
Improving Tennessee River below Chattanooga, including Muscle Shoals and shoal at Reynoldsburgh; Tennessee and Alabama, two hundred and fifty thousand dollars.	Tennessee River, including Muscle Shoals.
Improving Kentucky River from its mouth to Three Forks, Kentucky, one hundred and twenty-five thousand dollars.	Kentucky River.
Improving Big Sandy River from Catlettsburgh, Kentucky, to head of navigation, fifty thousand dollars; of which sum forty-six thousand dollars shall be expended at Louisa, and four thousand dollars in the continuation of works on the upper river.	Big Sandy River.

Sandusky River.	Improving Sandusky River, Ohio seven thousand five hundred dollars.
Wabash River.	Improving Wabash River, Indiana, fifty thousand dollars, one-half of which is to be used on the river above Vincennes.
White River.	Improving White River, Indiana, from Wabash River to Portersville, and to falls on West Fork, twenty thousand dollars.
Illinois River.	Improving Illinois River, Illinois, two hundred and fifty thousand dollars.
Mississippi River.	Improving Mississippi River at and above Alexandria, Missouri, six thousand dollars.
	Improving Mississippi River at or near Cape Girardeau and Minton's Point, Missouri, ten thousand dollars.
	Improving Mississippi River from Des Moines Rapids to mouth of Illinois River, Illinois and Missouri, one hundred and seventy-five thousand dollars; and the sums of money heretofore appropriated for the improvement of the Mississippi between the Illinois and Missouri Rivers, and unexpended, are hereby reappropriated, and shall be applied to the improvement of the harbor and Mississippi River at Alton.
	Improving Mississippi River between mouths of the Illinois and Ohio Rivers, Illinois and Missouri, six hundred thousand dollars.
	Removing bar in Mississippi River opposite Dubuque, Iowa, five thousand dollars.
	Completion of work of removing sand-bar in Mississippi River opposite Guttenberg, Iowa, five thousand dollars.
	Improving Mississippi River at Hannibal, Missouri, twenty thousand dollars.
	Improving Mississippi River at Natchez and Vidalia, Mississippi and Louisiana, fifty thousand dollars.
	Improving Mississippi River above Falls of Saint Anthony, Minnesota, ten thousand dollars.
	Improving Mississippi River from Saint Paul to Des Moines Rapids, Minnesota, Iowa, Missouri, Illinois, and Wisconsin, two hundred thousand dollars.
Quincy Bay.	Improving Quincy Bay, Illinois, ten thousand dollars.
Gauging waters of Mississippi River.	Annual expense of gauging the waters of the Mississippi River and its tributaries: Continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.
1871, Res. 40, Stat. 16, 598.	
Upper Mississippi River.	Improving Upper Mississippi River: Operating snag-boat and building light-draught steamer, twenty-five thousand dollars.
Rock Island Rapids.	Improving Rock Island Rapids, Mississippi River, Iowa and Illinois: Completing improvement, eight thousand dollars.
Des Moines Rapids.	Improving Des Moines Rapids, Iowa and Illinois, twenty-five thousand dollars. And hereafter, for the purpose of operating and keeping in repair the Des Moines Rapids Canal, and Saint Mary's Falls Canal, and Saint Clair Flats Canal, and the Louisville and Portland Canal, the Secretary of War is authorized to draw his requisition on the Secretary of the Treasury from time to time, which requisition shall be paid out of any money in the Treasury not otherwise appropriated.
Des Moines Rapids Canal.	
Saint Mary's Falls Canal.	
Saint Clair Flats Canal.	
Louisville and Portland Canal.	
Osage River.	Improving the Osage River, Kansas and Missouri, twenty thousand dollars.
Cuivre River.	Improving Cuivre River, Missouri, from mouth to Chain of Rocks, and removing snags and obstructions, five thousand dollars.
Gasconade River.	Improving Gasconade River, Missouri, ten thousand dollars.
Missouri River.	Improving Missouri River at Atchison, Kansas, twenty thousand dollars.
	Improving Missouri River from Kansas City to its mouth, thirty-five thousand dollars.
	Improving Missouri River at Brownville, Nebraska, ten thousand dollars.
	Improving Missouri River at Cedar City, Missouri, fifteen thousand dollars.

Improving Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska, thirty thousand dollars.

Improving Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska, twenty thousand dollars.

Improving Missouri River at Plattsmouth, Nebraska, ten thousand dollars.

Improving Missouri River at or near Fort Leavenworth, Kansas, eight thousand dollars.

Improving Missouri River at and near Glasgow, Missouri, twenty thousand dollars.

Improving Missouri River at and near Kansas City, Missouri, twenty thousand dollars.

Improving Missouri River at Lexington, Missouri, ten thousand dollars.

Improving Missouri River at Saint Charles, Missouri, fifteen thousand dollars.

Improving Missouri River at and near Saint Joseph, Missouri, twenty thousand dollars.

Improving Missouri River at Sioux City, Iowa: For improvement of channel, seven thousand dollars.

Improving Missouri River at Vermillion, Dakota, fifteen thousand dollars.

Improving Missouri River above mouth of Yellowstone River, Dakota, forty thousand dollars.

Survey of Missouri River from its mouth to Fort Benton, Montana: Continuing survey above Sioux City, thirty thousand dollars.

Improving Detroit River, Michigan, fifty thousand dollars.

Improving Saginaw River, Michigan, ten thousand dollars.

Improving Saint Mary's River and Saint Mary's Falls Canal, Michigan: Completing improvement, one hundred and fifty thousand dollars.

Repairs and contingencies of public works at Saint Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, fifteen thousand dollars, which shall be available immediately after the passage of this act.

Improving Saint Croix River below Taylor's Falls, Wisconsin, eight thousand dollars.

Improving Red River of the North, Minnesota and Dakota, eighteen thousand dollars.

Constructing a lock and dam at Goose Rapids, on the Red River of the North, Minnesota and Dakota, twenty thousand dollars.

Improving Yellowstone River, Montana and Dakota, twenty thousand dollars.

Continuing improvement at the entrance of Coos Bay Harbor, Oregon, thirty thousand dollars.

Canal around Cascades of Columbia River, Oregon, one hundred thousand dollars.

Improving Upper Columbia River, including Snake River, Oregon, fifteen thousand dollars.

Improving Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea, including bar at mouth of Columbia River, Oregon, forty-five thousand dollars.

Improving Upper Willamette and Yamhill Rivers, Oregon, fifteen thousand dollars.

Improving Petalumas Creek, California, eight thousand dollars.

Improving Sacramento River, California, sixty thousand dollars.

Improving San Joaquin River, California, forty thousand dollars; ten thousand dollars of which amount may be used in the discretion of the engineer in the improvement of Mormon Slough.

Examinations and surveys at South Pass of Mississippi River: To ascertain the depth of water and width of channel secured and main-

Survey of Missouri River.

Detroit River.

Saginaw River.

Saint Mary's River and Saint Mary's Falls Canal.

Saint Anthony's Falls.

Saint Croix River.

Red River of the North.

Goose Rapids.

Yellowstone River.

Coos Bay Harbor.

Canal, Cascades of Columbia River.

Upper Columbia River.

Lower Willamette.

Upper Willamette.

Petalumas Creek.

Sacramento River.

San Joaquin River.

Examinations and surveys at South Pass of Mississippi River.

tained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars; and also to ascertain by soundings whether and to what extent, within a distance of five miles from the present mouth of the river at the South Pass, the gulf has filled up by deposits from the river since the construction of the Eads jetties.

Fox and Wisconsin Rivers.	Improving Fox and Wisconsin Rivers, Wisconsin, one hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin River, and seventy-five thousand for continuing the improvement of the Fox River.
Calcasieu Pass and River.	Improving Calcasieu Pass, Louisiana, twelve thousand dollars. Improving Calcasieu River, Louisiana, from Phillips Bluff to its mouth, three thousand dollars.
Savannah River.	Improving Savannah River, Georgia, fifteen thousand dollars.
Mississippi River.	Improving Mississippi River at Andalusia, Illinois, six thousand dollars. Improving Mississippi River at Louisiana, Missouri, ten thousand dollars.
Saint Croix River.	Repairing breakwater on the Saint Croix River near Calais, four thousand dollars.
Altamaha River.	Improving Altamaha River, Georgia, five thousand dollars.
Wappoo Cut.	Improving Wappoo Cut, South Carolina, ten thousand dollars.
Neabsco Creek.	Improving Neabsco Creek, Virginia, five thousand dollars.
Bayou Bartholomew.	Improving Bayou Bartholomew, Louisiana and Arkansas, eight thousand dollars.
Tensas River.	Improving Tensas River, Louisiana, three thousand dollars.
Bayou Black.	Improving Bayou Black, in Louisiana, ten thousand dollars.
Bayou Boeuf.	Improving Bayou Boeuf, Louisiana, five thousand dollars.
Current River.	Improving Current River, Missouri and Arkansas, from Doniphan to its mouth, two thousand dollars.
Rancocas River.	Improving Rancocas River, New Jersey, ten thousand dollars.
Christiana River.	Improving Christiana River and Wilmington Harbor, Delaware: Deepening the channel and improving the harbor of Christiana River from the Delaware River to and above the city of Wilmington, in accordance with the surveys and plans of the United States Engineer Department, fifty thousand dollars.
Chester Creek.	Improving Chester Creek, Pennsylvania, three thousand dollars.
Mattawan Creek.	Improving Mattawan Creek, New Jersey, fifteen thousand dollars.
Raritan Bay.	Improving Raritan Bay, New Jersey, from Perth Amboy and South Amboy to the main ship-channel off Great Kiln, fifty thousand dollars.
Newport Harbor.	Improving Newport Harbor, Rhode Island, twenty-five thousand dollars.
Tradewater River.	Improving Tradewater River, Kentucky, open navigation, three thousand dollars.
Cumberland River.	Improving Cumberland River, Kentucky, above mouth of Jelico, ten thousand dollars.
Buffalo Bayou.	Improving Buffalo Bayou, Texas: To secure a channel of one hundred feet, twenty-five thousand dollars.
Kewanee Harbor.	Improving Kewanee Harbor, Wisconsin, five thousand dollars.
Niagara River.	Improving Niagara River, New York, five thousand dollars.
Portland Harbor.	Improving Portland Harbor, Maine, twenty thousand dollars.
Scituate Harbor.	Improving Scituate Harbor, Massachusetts, ten thousand dollars.
Moosabec Bar.	Improving Moosabec Bar at Jonesport, Maine, ten thousand dollars.
Wareham Harbor.	Improving Wareham Harbor, Massachusetts, ten thousand dollars.
Canarsie Bay.	Improving Canarsie Bay, New York, five thousand dollars.
Sheepshead Bay.	Improving Sheepshead Bay, New York, five thousand dollars.

Improving Salem River, New Jersey, three thousand dollars.	Salem River.
Improving Susquehanna River, Pennsylvania, above Richards' Island, fifteen thousand dollars.	Susquehanna River.
Improving Susquehanna River above and below Havre de Grace, Maryland, fifteen thousand dollars.	
Improving Archer's Hope River, Virginia, five thousand dollars.	Archer's Hope River.
Improving Wateree River, South Carolina, eight thousand dollars.	Wateree River.
Improving Santee River, South Carolina, by deepening and straightening its outlet to Winyah Bay through Mosquito Creek, twenty-two thousand dollars.	Santee River.
Improving Pensacola Harbor, Florida, twenty thousand dollars.	Pensacola Harbor.
Improving Tchefuncte River, Louisiana, one thousand five hundred dollars.	Tchefuncte River.
Improving Tickfaw River, Louisiana, two thousand dollars.	Tickfaw River.
Improving Bayou Teche by connecting same with Grand Lake at Charenton, Louisiana, twenty-five thousand dollars.	Bayou Teche.
Improving bar and harbor at Brazos Santiago, Texas, seventy-five thousand dollars.	Brazos Harbor.
Improving Yallahusha River, Mississippi, three thousand five hundred dollars.	Yallahusha River.
Improving Tehula Lake, Mississippi, three thousand dollars.	Tehula Lake.
For the expenses of operating and maintaining the Louisville and Portland Canal for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, forty-two thousand dollars, which sum shall be immediately available.	Louisville and Portland Canal.
Improving entrance to Yaquina Bay, Oregon, ten thousand dollars.	Yaquina Bay.
Improving Cowlitz River, Washington Territory, one thousand dollars.	Cowlitz River.
Of the amount now available for the improvement of Bayou La Fourche, Louisiana, the sum of five hundred dollars, or so much thereof as may be necessary, shall be expended in the removal of brick pier at Donaldsonville.	Pier at Donaldsonville, removal of.
Improving Richmond Harbor, Kennebec River, Maine, ten thousand dollars; of which sum six thousand dollars shall be expended for wing-dams and dredging at the head of Swan's Island and at Hatch's Rock, and four thousand dollars in dredging and deepening the channel at the foot of Swan's Island according to the plan recommended by Lieutenant Russell.	Richmond Harbor, Kennebec River.
For reservoirs upon the headwaters of the Mississippi River and its tributaries, one hundred and fifty thousand dollars; and this sum, together with the sum of seventy five thousand dollars heretofore appropriated for the construction of a dam at Lake Winnibigoshish, shall be expended at such places on said headwaters of the Mississippi River and its tributaries as the Secretary of War shall determine: <i>And it is provided</i> , That compensation for any private property taken or appropriated for any of said improvements, and all damages to private property caused by the construction of any of said dams, by flowage or otherwise, shall be ascertained and determined under and in accordance with the laws of the State in which such private property is situated.	Reservoirs upon headwaters of Mississippi River.
And the Secretary of the Interior is hereby authorized and directed to ascertain what, if any, injury is occasioned to the rights of any friendly Indians, occupying any Indian reservation, by the construction of any of said dams, or the cutting or the removing of trees or other materials from any such reservation for the construction or erection of any of said dams, and to determine the amount of damages payable to such Indians therefor; and all such damages to private property and to friendly Indians, when ascertained and determined in the manner herein directed and provided, shall be paid by the United States: <i>Provided, however</i> , That such damages shall not exceed ten per centum of the sums hereby and heretofore appropriated for the construction of said reservoirs.	<i>Proviso.</i> Damages to private property compensated for under State laws. Rights of Indians preserved and protected. <i>Proviso.</i>

Sumpawamus Inlet.	Improving Sumpawamus Inlet, New York, five thousand dollars.
Saint Jerome's Creek Harbor.	Improving the harbor at the entrance of Saint Jerome's Creek, Maryland, six thousand five hundred dollars.
Saint Jones River.	For the improvement of Saint Jones River, in the State of Delaware, five thousand dollars.
Purchase of sites for locks and dams.	Such parts of the money appropriated by this act for any particular improvement requiring locks and dams as may be necessary in the prosecution of such improvement may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: <i>Provided</i> , That such expenditure shall be under the direction of the Secretary of War: <i>And provided further</i> , That if the owners of such lands shall refuse to sell them at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated. It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works, as far as can be without actual detriment to the interest of the government, by contract. Where such works cannot be done by contract without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material.
<i>Proviso.</i>	
<i>Proviso.</i>	
Title, how perfected.	
Manner of making improvements.	
Proposals.	
Contracts after advertisement.	
Lowest bidder.	
1868, Res. 60. Stat., 15, 258. Amended.	
Bridge across the Mississippi at Rock Island.	
Chicago, Rock Island and Pacific Railroad Company.	
Rates of freight per car.	
Examinations and surveys.	
	SEC. 2. That the joint resolution approved July twentieth, eighteen hundred and sixty-eight, authorizing the construction of the bridge over the Mississippi River "to connect the island of Rock Island with the cities of Davenport and Rock Island", is hereby so amended as to require the Chicago, Rock Island and Pacific Railroad Company to charge for any cars carrying freight other than those passing over its own road, and for its own cars when carrying freight for other roads, which it may carry across said bridge, a sum not exceeding three dollars for every loaded car, two-fifths of which sums shall be paid by said railroad company into the Treasury of the United States each month; and the monthly returns thus made shall be in such form, and with such authentication, as the Secretary of War shall direct.
	SEC. 3. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:
	Harbor of San Luis Obispo, California.
	Tombigbee River, Mississippi, from Fulton to Warren's Mill.
	The Chattahoochee River, in Georgia, between West Point and Bolton, on the Western and Atlantic Railroad, so as to complete the survey of that portion of said river.
	Bear Creek, running into Yazoo River.
	Harbor at Port Henry, on Lake Champlain.
	Frankford Creek from its mouth in the Delaware River to Frankford Avenue.
	Five Mile Point, above Bridesburg, Delaware River.
	Mouth of the Mispillion, Delaware.
	Mokelumne River, California, from its mouth at or near Woodbridge.
	New York Bay between Sandy Hook and Coney Island Point.
	Newton Creek, Camden County, from Delaware River to head of navigation.
	Mantua Creek, Gloucester County, from Delaware River to head of navigation.
	Maurice River from Delaware Bay to Millville, Cumberland County.
	Salem and Cohansey Rivers, New Jersey.

Completing survey of Harlem River and through the Harlem Kilns to the East River.

Examinations
and surveys—Con-
tinued.

Survey for harbor of refuge in Lake Pepin, at Stockholm, Wisconsin, and Lake City, Minnesota.

Beaver Bay, Minnesota, to ascertain the cost and practicability of making it a harbor of refuge.

Grand Portage Bay and Wans-wau-goising Bay, Minnesota, to determine which, if either, should be made a harbor of refuge.

Sackett's Harbor, New York.

Matagorda Bay at the mouth of Saint Mary's Bayou, near the town of Matagorda, Texas.

Harbors of Madison and Clinton, Connecticut.

Edgartown Harbor and South Beach, Massachusetts.

Staunton River from Brook Neal, in Campbell County, to mouth of Pig River, Virginia.

Roanoke River from Weldon North Carolina, to Clarksville, Virginia.

Bear Creek, running from Northeast Mississippi into the Tennessee River.

To deepen the channel of the Harriseeket River from Weston's Point to Freeport Landing in Freeport, Maine.

The channel of Broad Creek on the west side of Kent Island, Maryland.

Harbor of Brunswick, on the Androscoggin River.

Buzzard's Bay and Barnstable Bay, Massachusetts, at the entrance of the proposed Cape Cod Canal.

Sabine Pass, Texas, through Sabine Lake and River to Orange and Sabine Lake, and the Neches River to Beaumont, to ascertain the cost and practicability of a deep-water channel from Sabine Pass to Orange and Beaumont.

Old Town Creek, Mississippi.

Bar at mouth of Winyah Bay, near Georgetown, South Carolina.

Little Red River in Arkansas.

And the Secretary of War is hereby directed to cause to be made examinations and surveys, or both, and estimates of the cost of the further improvements necessary to be made in the Savannah River and Harbor to increase the depth of the water in said river and harbor from the bar up to the city to twenty-two feet, and to make an estimate of the cost of widening the channel of the Savannah River opposite the city to six hundred feet of uniform depth with the balance of the channel.

Young's, Lewis' and Clarke's, and Skipanon Rivers, entering into Young's Bay, in the county of Clatsop, near mouth of Columbia River, Oregon.

Snake River from Lewiston to the mouth of Salmon River, Idaho Territory.

Corsica Creek, Maryland.

Harbor at mouth of Cedar River, on Green Bay, Michigan.

Lynn Harbor, Massachusetts.

Merrimac River from Lawrence, Massachusetts, to Manchester, New Hampshire.

Channel between islands of North Hero and South Hero, Lake Champlain.

Little Tennessee River from its mouth on the Holston or Big Tennessee River to the mouth of Tellico River.

Dog Island Harbor, harbor of Key West, Crystal River, La Grange Bayou up to Freeport, Manatee River, and Crooked River, Florida.

Indian River, Florida, at the north end, in view of opening a passage into the lagoon one-half mile east.

From a point between Ellis Island and the docks of New Jersey Central Railroad to a point between Robbins' Reef Light and Constable Hook, in waters of New York Bay, New Jersey.

Big Black River, Mississippi.

Outlet of harbor of Ship Island.

Examinations
and surveys—Con-
tinued.

Harbor at Boloxi, Mississippi.
Harbor at Pascagoula, Mississippi.
Upper thoroughfare leading into Tangier Sound, Deil's Island, and Rock Creek, Maryland.
Fish Bend, near Fort Chartres, in the Mississippi River.
Murder Kiln, Delaware.
Delaware River.
Potomac and Anacostia Rivers, in the vicinity of Washington, District of Columbia, with reference to the improvement of navigation, the establishment of the harbor-line, and the raising of the flats, so far as their improvement may be necessary to the improvement of navigation and the establishment of the harbor-line.
Mouth of Cedar River, Green Bay, Michigan.
Greenport Harbor, New York.
Survey for harbor of refuge at New Buffalo, Michigan.
The headwaters of the Cannon River, in Minnesota, with a view that the same may be added to the reservoir system of the Upper Mississippi.
The water connection between the Waccamaw and Cape Fear Rivers, with the view of ascertaining if a continuous inland water connection cannot thereby be established.
Toledo, Ohio, for a straight channel to Lake Erie.
For harbor at Caseville, Saginaw Bay, Lake Huron.
The Calumet River from South Chicago to the village of Pullman, on Lake Calumet.
For a further survey of James River, for the purpose of ascertaining the practicability and cost of procuring a channel of twenty-five feet at full tide from Richmond to the mouth of the river.
Survey of Upper Machodoc Creek, a tributary of Potomac River.
Survey of Urbana Creek, a tributary of Rappahannock River, from the village of Urbana to the Oaks.
The harbor of Mamaroneck, New York.
Cumberland River at Smith's Shoals, in the State of Kentucky, to ascertain the practicability and the cost of a canal, with locks and dams, from the head to the foot of said shoals.
The harbor at the Delaware Breakwater, and the entrance thereto.
Indian River, in the State of Delaware, from its mouth to Millsborough.
Survey of the Clarion River from its mouth to Ridgway, Pennsylvania.
From Brazos de Santiago through Laguna Madre to Point Isabel, Texas, to ascertain the cost and practicability of a deep-water channel from the anchorage at Brazos de Santiago to the railroad wharf at Point Isabel.
Survey for breakwater and harbor of refuge at Milford Connecticut.
Entrance to Gray's Harbor, Washington Territory.
Between Baker's Bay and Shoalwater Bay, Washington Territory, for canal for light-draught vessels.
Missouri River at or near Arrow Rock.
For survey of Nishnabotana from Hamburg, Iowa, to its junction with the Missouri.
Skipton Creek, Maryland.
Bush River, Maryland, from Harford Furnace to Chesapeake Bay.
Licking River from its mouth to Falmouth, in Kentucky.
Oregon Inlet, in Dare County, in North Carolina.
Survey of Chehalis River, in Washington Territory.
Whiteoak, Meherrin, and New Rivers, in North Carolina.

SEC. 4. That for the examinations and surveys herein provided for, and for incidental repairs of harbors for which there is no special appropriation, the sum of fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, pres-

Appropriation.

Report.

ent and prospective, of the improvement contemplated thereby, and such general commercial statistics as the Secretary of War may be able to procure.

Approved, March 3, 1881.

CHAP. 137.—An act making appropriations for the current and contingent expenses of the Indian Department, and for fulfilling treaty stipulations with various Indian tribes, for the year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

March 3, 1881.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the purpose of paying the current and contingent expenses of the Indian Department, and fulfilling treaty stipulations with the various Indian tribes, namely:

Appropriations.
Indian service.

For pay of sixty-six agents of Indian affairs at the following-named agencies, at the rates respectively indicated, namely:

Indian agents.

- At the Warm Springs agency, at one thousand dollars;
- At the Klamath agency, at one thousand one hundred dollars;
- At the Grand Ronde agency, at one thousand dollars;
- At the Siletz agency, at one thousand two hundred dollars;
- At the Umatilla agency, at one thousand two hundred dollars;
- At the Neah Bay agency, at one thousand one hundred dollars;
- At the Yakama agency, at two thousand dollars;
- At the Colville agency, at one thousand five hundred dollars;
- At the Nisqually agency, at one thousand two hundred dollars;
- At the S'Kokomish agency, at one thousand one hundred dollars;
- At the Quinalt agency, at one thousand dollars;
- At the Tulalip agency, at one thousand five hundred dollars;
- At the Round Valley agency, at one thousand five hundred dollars;
- At the Hoopa Valley agency, at one thousand dollars;
- At the Tule River agency, at one thousand dollars;
- At the Mission agency, at one thousand three hundred dollars;
- At the Nevada agency, at one thousand eight hundred dollars;
- At the Western Shoshone agency, at one thousand eight hundred dollars;
- At the Nez Perces agency, at one thousand six hundred dollars;
- At the Lemhi agency, at one thousand one hundred dollars;
- At the Fort Hall agency, at one thousand five hundred dollars;
- At the Flathead agency, at one thousand five hundred dollars;
- At the Blackfeet agency, at one thousand eight hundred dollars;
- At the Crow agency, at two thousand dollars;
- At the Fort Peck agency, at two thousand dollars;
- At the Fort Belknap agency, at one thousand dollars;
- At the Yankton agency, at one thousand six hundred dollars;
- At the Crow Creek agency, at one thousand four hundred dollars;
- At the Standing Rock agency, at one thousand seven hundred dollars;
- At the Cheyenne River agency, at one thousand five hundred dollars;
- At the Fort Berthold agency, at one thousand five hundred dollars;
- At the Sisseton agency, at one thousand five hundred dollars;
- At the Devil's Lake agency, at one thousand two hundred dollars;
- At the Lower Brule agency, at one thousand two hundred dollars;
- At the Pine Ridge agency, at two thousand two hundred dollars;
- At the Rosebud agency, at two thousand two hundred dollars;
- At the Shoshone agency, at one thousand five hundred dollars;
- At the Uintah agency, at one thousand dollars;
- At the Pueblo agency, at two thousand dollars;
- At the Navajo agency, at two thousand dollars;
- At the Mescalero agency, at one thousand five hundred dollars;