For Fort Wood, Bedlow's island, New York, sixteen thousand dollars. Fort Wood.

For Battery Hudson, New York harbor, thirty thousand dollars. Battery Hudson.

For Fort Mifflin, near Philadelphia, Pennsylvania, fifty-five thousand dollars. Fort Mifflin.

For Fort Delaware, Delaware river, Delaware, thirty-seven thousand dollars. Fort Delaware.

For battery at Finn's point, opposite Fort Delaware, thirty-three thousand five hundred dollars. Finn's point.

For a fort at Fort point, entrance to San Francisco harbor, California, one hundred thousand dollars. Fort at Fort point;

For fort at Lime point, entrance to San Francisco harbor, one hundred thousand dollars. Lime point;

For fort at Alcatraz island, San Francisco harbor, California, fifty thousand dollars. Alcatraz island.

For contingencies, and preservation and repair of fortifications, for which there may be no special appropriation available, one hundred and fifty thousand dollars. Contingencies, preservation, and repair.

For construction of sea-coast mortar batteries at existing defensive positions, seventy-five thousand dollars. Sea-coast mortar batteries.

For surveys for military defenses, one hundred thousand dollars Surveys for military defences.

APPROVED, July 11, 1870.

CHAP. CCXL. — *An Act making Appropriations for the Repair, Preservation, and Completion of certain public Works on Rivers and Harbors, and for other Purposes, for the fiscal Year ending June thirtieth, eighteen hundred and seventy-one.* July 11, 1870.

1871, ch. 118, § 4. 119. *Post*, pp. 543, 544.

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 expended under the direction and superintendence of the Secretary of War, according to such plans as shall be by him first selected and approved, for the repair, preservation, and completion of the following public works heretofore commenced under the authority of law, and for other purposes hereinafter named, that is to say: — Appropriation for public works on rivers and harbors.

For improvement of Superior City harbor, Wisconsin, forty thousand dollars. Superior City.

For improvement of Ontonagon harbor, Lake Superior, Michigan, ten thousand dollars. Ontonagon.

For improvement of Marquette harbor, Lake Superior, Michigan, twenty-five thousand dollars. Marquette.

For improvement of Green Bay harbor, Wisconsin, seventeen thousand five hundred dollars. Green Bay.

For improvement of Manitowoc harbor, Wisconsin, twenty thousand dollars. Manitowoc.

For improvement of Sheboygan harbor, Wisconsin, fifteen thousand dollars. Sheboygan.

For improvement of Milwaukee harbor, Wisconsin, forty thousand dollars. Milwaukee.

For improvement of Racine harbor, Wisconsin, ten thousand dollars. Racine.

For improvement of Kenosha harbor, Wisconsin, ten thousand dollars. Kenosha.

For improvement of Michigan City harbor, Indiana, twenty-five thousand dollars. Michigan City.

For improvement of New Buffalo harbor, Michigan, five thousand dollars. New Buffalo.

For improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars. Port Washington.

For improvement of Aux Becs Scies harbor, Michigan, ten thousand dollars. Aux Becs Scies.

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Manistee. For improvement of Manistee harbor, Michigan, twenty thousand dollars.

Pere Marquette. For improvement of Pere Marquette harbor, Michigan, ten thousand dollars.

Pentwater. For improvement of Pentwater harbor, Michigan, ten thousand dollars.

White River. For improvement of White River harbor, Michigan, twenty thousand dollars.

Muskegan. For improvement of Muskegan harbor, Michigan, ten thousand dollars.

Grand Haven. For improvement of Grand Haven harbor, Michigan, ten thousand dollars.

Black Lake. For improvement of Black Lake harbor, Michigan, ten thousand dollars.

Saugatuck. For improvement of Saugatuck harbor, Michigan, ten thousand dollars.

South Haven. For improvement of South Haven harbor, Michigan, ten thousand dollars.

Saint Joseph. For improvement of Saint Joseph harbor, Michigan, fifteen thousand dollars.

Saint Mary's. For improvement of Saint Mary's Falls canal and Saint Mary's river, Michigan, one hundred and fifty thousand dollars.

Au Sable river. For improvement of Au Sable river, Michigan, fifteen thousand dollars.

Saginaw. For improvement of Saginaw river, Michigan, one thousand five hundred dollars.

Saint Clair flats. For improvement of Saint Clair flats, Michigan, sixteen thousand five hundred dollars.

Clinton river. For improvement of Clinton river, Michigan, five thousand dollars.

Toledo. For improvement of Toledo harbor, Maumee bay, Ohio, fifty thousand dollars.

Sandusky City. For improvement of Sandusky City harbor, Ohio, ten thousand dollars.

Cleveland. For improvement of Cleveland harbor, Ohio, twenty thousand dollars.

Conneaut. For improvement of Conneaut harbor, Ohio, six thousand dollars.

Erie. For improvement of Erie harbor, Pennsylvania, twenty thousand dollars.

Schuylkill river. For clearing and buoying the channel of the Schuylkill river at its mouth, at Gibson's point, and above to the Chestnut Street bridge, Philadelphia, Pennsylvania, fifteen thousand dollars.

Dunkirk. For improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

Buffalo. For improvement of Buffalo harbor, New York, eighty thousand dollars.

Olcott. For improvement of Olcott harbor, New York, ten thousand dollars.

Charlotte. For improvement of Charlotte harbor, New York, twelve thousand dollars.

Oak Orchard. For improvement of Oak Orchard harbor, New York, eight thousand dollars.

Big Sodus. For improvement of Big Sodus harbor, New York, five thousand dollars.

Little Sodus. For improvement of Little Sodus harbor, New York, five thousand dollars.

Pultneyville. For improvement of Pultneyville harbor, New York, five thousand dollars.

Oswego. For enlargement, according to the plan of the engineer department, of harbor facilities at Oswego, New York, fifty thousand dollars.

Ogdensburg. For improvement of Ogdensburg harbor, New York, fifteen thousand dollars.

For improvement of Plattsburg harbor, New York, ten thousand dollars. — Plattsburg.

For improvement of Burlington harbor, Vermont, twenty-five thousand dollars. — Burlington.

For improvement of the Upper Mississippi river, and removing snags and dredging, thirty-six thousand dollars. — Upper Mississippi.

For improvement of the Wisconsin river, one hundred thousand dollars. — Wisconsin.

For improvement of the Minnesota river, ten thousand dollars. — Minnesota.

For the preservation of the Falls of Saint Anthony and the navigation of the Mississippi river above the same, fifty thousand dollars. — Falls of St. Anthony.

For improvement of the Des Moines rapids, four hundred thousand dollars. — Des Moines rapids.

For improvement of the Rock Island rapids, one hundred and fifty thousand dollars. — Rock Island.

For improvement of the Illinois river, one hundred thousand dollars. — Illinois river.

For improvement of the mouth of the Mississippi river, three hundred thousand dollars. — Mouth of the Mississippi.

For improvement of the mouth of the Saint John's river, Florida, fifteen thousand dollars. — Saint John's.

For removing obstructions in Town creek, near Charleston, South Carolina, seven thousand five hundred dollars. — Town creek.

For improvement of the falls of the Ohio river and Louisville canal, two hundred and fifty thousand dollars. — Falls of the Ohio, &c.

For improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred and fifty thousand dollars. — Mississippi, &c. rivers.

For improvement of the Ohio river, fifty thousand dollars. — Ohio.

For improvement of the Hudson river, New York, forty thousand dollars. — Hudson.

For removing obstructions in East river, New York, including Hell Gate, two hundred and fifty thousand dollars. — East river.

For improvement of New Haven harbor, Connecticut, fifteen thousand dollars. — New Haven.

For improvement of Connecticut river, forty thousand dollars. — Connecticut.

For improvement of Providence river, Rhode Island, five thousand dollars. — Providence river.

For improvement of Pawtucket river, Rhode Island, eight thousand dollars. — Pawtucket.

For construction of breakwater at Block island, Rhode Island, thirty thousand dollars. — Block island.

For preservation and improvement of Boston harbor, Massachusetts, one hundred thousand dollars. — Boston.

For improvement of Hyannis harbor, Massachusetts, twelve thousand dollars. — Hyannis.

For improvement of Plymouth harbor, Massachusetts, ten thousand dollars. — Plymouth.

For improvement of Taunton river, Massachusetts, ten thousand dollars. — Taunton river.

For improvement of Merrimac river, Massachusetts, twenty-five thousand dollars. — Merrimac.

For improvement of Kennebunk river, Maine, five thousand dollars. — Kennebunk.

For improvement of Saco river, Maine, ten thousand dollars. — Saco.

For improvement of Portland harbor Maine, ten thousand dollars. — Portland.

For improvement of Kennebec river, Maine, fifteen thousand dollars. — Kennebec.

For improvement of navigation at the "Gut," opposite Bath, Maine, ten thousand dollars. — Bath.

For improvement of Union river, Maine, fifteen thousand dollars. — Union river.

For improvement of the Penobscot river, at Bangor and below, Maine, fifteen thousand dollars. — Penobscot.

Willamette. For improvement of the Willamette river at Portland and to mouth of river, Oregon, thirty-one thousand dollars.

Tennessee. For improvement of the Tennessee river, eighty thousand dollars, to be expended below Chattanooga.

Wilmington. For improvement of Wilmington harbor, Delaware, fifteen thousand dollars.

Westport. For improvement of Westport harbor, Connecticut, two thousand five hundred dollars.

Cape Fear river. For improvement of the channel of the mouth of the Cape Fear river, in North Carolina, one hundred thousand dollars.

Galveston. For improvement of Galveston harbor, Texas, twenty-five thousand dollars.

Chicago. For enlargement of harbor facilities at Chicago, Illinois, according to the plans of the engineer department, one hundred thousand dollars, and for a harbor of refuge, fifty thousand dollars.

Mobile. For improvement of harbor and bay of Mobile, Alabama, fifty thousand dollars.

Potomac. For the improvement of the Potomac river between the Long bridge, in Washington, and the city of Georgetown, in the District of Columbia, fifty thousand dollars.

James river. For the improvement of James river, in Virginia, and the removal of bars and obstructions from Richmond to and including Harrison's bar, below the junction of the James and Appomattox rivers, fifty thousand dollars.

Bayou Teche. For improvement of Bayou Teche, Louisiana, seventeen thousand five hundred dollars.

Examination and surveys for improvements. For examination and surveys for improvements on the north and northwestern lakes and rivers, and the Atlantic and Pacific coasts, and for contingencies of rivers and harbors not provided for in this act, one hundred and fifty thousand dollars.

Examinations or surveys to be made at various places. SEC. 2. *And be it further enacted*, That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely: At Charleston, South Carolina; at Cyprus bayou, Texas; at the Housatonic river, below Derby, Connecticut; at Bridgeport harbor, Connecticut; at Southport harbor, Connecticut; at Fifteen-Mile falls, New Hampshire; at Pawcatuck river, Rhode Island and Connecticut; at Narragansett pier, Rhode Island; Cocheco river, at Dover, New Hampshire; at Royals river, Maine; at Narragangus river, Maine; Sullivan river, Maine; at Sullivan's falls, between the towns of Hancock and Sullivan; at South river, New Jersey; at mouth of Salem river, New Jersey; at James river, Virginia, between Richmond and City point, including Harrison's bar below the point; Appomattox river, Virginia, from Petersburg to its mouth; James river and Kanawha canal, Virginia; at Rappahannock river, below Fredericksburg, Virginia; at Roanoke river, North Carolina; at Coosa river, Alabama; at Mobile harbor, Alabama; at Cumberland river, from its mouth to the head of navigation; at Tombigbee river, in Alabama and Mississippi from its mouth to the head of navigation; at Saint Louis and Alton harbors, Mississippi river, between Alton and mouth of Merrimac river; at Osage, river, Missouri; at Ouachita, Little Missouri, and Petit Jane rivers, Arkansas; at Bayou Saint John, from the mouth of Bayou Saint John, Louisiana, through Lake Pontchartrain and the Rigolet, to Ship Island; at Indianola harbor, Texas; at Corpus Christi, Texas; at Buffalo bayou, for a channel of navigation through Buffalo bayou and Galveston bay, to Bolivar channel, near the outer bar in the Gulf of Mexico; at Sheboygan river, Michigan; at Harbor of Refuge, on Lake Huron, between Saint Clair river and Point au Barques, Michigan; at Port Clinton, Ohio; for survey or examination of the bars and other obstructions to navigation of the Cache, St. Francis Little Red, White, and Black rivers, Arkansas; for survey or examination of the bar of the Sacramento river, California,

known as the Hog's Back, for the purpose of removing the same; at the mouth of Oconto river, Wisconsin; at the mouth of the Ahuepee river, Wisconsin; at Chester harbor, on the Delaware river, Pennsylvania; at Alpeena harbor, Michigan; at the mouth of the Cape Fear river, North Carolina; for ship-canal route from Hennepin, on the Illinois river, to Rock Island, on the Mississippi river, via Geneseo, by the most direct and feasible route; at Peconic river below Riverhead, New York; at the entrance to Port Jefferson harbor, on the south side of Long Island sound; at Rocky river, Ohio; at Salmon river, Lake Ontario, New York; at the mouth of Two rivers, Wisconsin; at the mouth of Trinity river, Texas; at Delaware river, between the city of Trenton and Bordentown; at Shrewsbury river, New Jersey; at the mouth of Sabine river, Texas; at French Broad river, Tennessee; at Pine river, Saginaw bay, Michigan; at Brazos, San Jago, Texas; at the mouth of Muskingum river, Ohio; at Gloucester harbor, Massachusetts; at the harbor of Cambridge and the harbor of Queenstown, Maryland; at the mouth of the Apalachicola river, Florida; at Nag's head, in North Carolina, with a view of reopening the old inlet near that place; survey of the Wabash river, from its mouth to the town of Wabash, Indiana; for the survey of the Willamette river, above Oregon city, Oregon; for the survey of the Umpqua river, Oregon.

Ship canal in Patapsco river and Chesapeake bay.

SEC. 3. *And be it further enacted*, That the sum of forty-two thousand [and] nine hundred dollars be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, to the widening and deepening the ship canal in the Patapsco river and Chesapeake bay, leading toward the harbor of Baltimore.

Mouth of the Susquehanna river.

SEC. 4. *And be it further enacted*, That the sum of twelve thousand dollars, of any unappropriated money in the treasury, be paid and applied, under the direction of the Secretary of War, to deepen the harbor or waters at the mouth of the Susquehanna river.

Engineers to examine all bridges across the Ohio river, and report if navigation is obstructed thereby, &c.

SEC. 5. *And be it further enacted*, That the Secretary of War is hereby authorized and required to detail three engineers, whose duty it shall be to examine all bridges now erected, or in process of erection, across the Ohio river, and to report whether, in their opinion, such bridges, or any of them, as now constructed, or proposed to be constructed, do or will interfere with the free and safe navigation of said river; and if they do or will so interfere, to report also what extent of span and elevation above water will be required to prevent obstruction to navigation, and their estimate of the cost required to change such bridges now built, or being built, to such width of span and elevation above the water as will prevent obstruction to navigation, such report to be made and communicated to the next session of Congress.

APPROVED, July 11, 1870.

CHAP. CCXLI. — *An Act making Appropriations for the Service of the Post-Office Department during the fiscal Year ending June thirtieth, eighteen hundred and seventy-one.* July 11, 1870.

Appropriations for Post-Office Department. 1836, ch. 270. Vol. v. p. 80.

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 the same are hereby, appropriated for the service of the Post-Office Department for the year ending June thirtieth, eighteen hundred and seventy-one, out of any moneys in the treasury arising from the revenues of the said department, in conformity to the act of the second of July, eighteen hundred and thirty-six: —

Inland mails.

For transportation of the mail inland, including pay of mail messengers, route agents, mail route agents, local agents, postal railway clerks, and baggage masters, thirteen million five hundred and six thousand eight hundred and ninety-three dollars.

Foreign mails.

For transportation of the foreign mail, four hundred and eighty thousand dollars.