

less, below the mouth of Streets Run and above the foundation of the old coal tipple at Hays Station, all within the county of Allegheny and State of Pennsylvania. That said Glenwood Highway Bridge Company shall not commence the construction of its bridge, bridge piers, abutments, causeway, and other works over or in said Monongahela River until the location and plan of the same shall have been submitted to and approved by the Secretary of War.

Secretary of War to approve plans, etc.

SEC. 2. That any bridge authorized to be constructed under this Act shall be built and located under and subject to such regulations for the security of the navigation of said river as the Secretary of War shall prescribe; and to secure that object the said company or corporation shall submit to the Secretary of War, for his examination and approval, a design and drawing of the bridge and a map of the location, giving for the space of one-half mile above and one-half mile below the proposed location the high and low water lines upon the banks of the river, the direction and strength of the currents at low and at high water, with the soundings accurately showing the bed of the stream, and the location of any other bridge or bridges, such map to be sufficiently in detail to enable the Secretary of War to judge of the proper location of said bridge, and shall furnish such other information as may be required for a full and satisfactory understanding of the subject; and until the said plan and location of the bridge are approved by the Secretary of War the bridge shall not be commenced or built; and should any change be made in the plans of said bridge during the progress of its construction, such changes shall be subject to the approval of the Secretary of War: *Provided*, That the channel span of said bridge shall be not less than five hundred feet in length in the clear and the clear height of the superstructure shall not be less than fifty-three feet above the level of the water at pool full in said river.

Provided.
Channel span.

Unobstructed navigation.

SEC. 3. That said bridge herein authorized to be constructed shall be so kept and managed at all times as to afford proper means and ways for the passage of vessels, barges, or rafts, both by day and by night, and there shall be displayed on said bridge by the owners thereof, from sunset to sunrise, such lights and other signals as the Light-House Board may prescribe; and such changes shall be made from time to time in the structure of said bridge as the Secretary of War may direct, at the expense of said bridge company, in order the more effectually to preserve the free navigation of said river.

Lights, etc.

Commencement and completion.

SEC. 4. That this Act shall be null and void if actual construction of the bridge herein authorized be not commenced within one year and completed within three years from the date of the approving this act.

Amendment, etc.

SEC. 5. That the right to alter, amend, or repeal this Act is hereby expressly reserved.

Approved, April 2, 1894.

April 2, 1894.

CHAP. 52.—An Act Authorizing the Texarkana and Fort Smith Railway Company to bridge the Calcasieu and Sabine rivers in the States of Louisiana and Texas.

Texarkana and Fort Smith Railway Company may bridge Calcasieu River, La., and Sabine River, La., and Tex.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Texarkana and Fort Smith Railway Company, its successors or assigns, be, and is hereby, authorized to construct and maintain a railway bridge, and approaches thereto, over and across Calcasieu River in Louisiana; and also a railway bridge and approaches thereto, over and across Sabine River in Louisiana and Texas, at such points as may be selected by said railway company for crossing said rivers with its railroad line, said points selected to be subject to the approval of the Secretary of War. Said bridges shall be constructed to provide for the passage of railway trains, and, at the option of said company, may be used for the passage of wagons and vehicles of all kinds, for the transit of animals, and for foot passengers, for such reasonable rates of toll as may be approved from time to time by the Secretary of War. That if the said bridges,

Railway, wagon, and foot bridges.

Toll.

High bridges.

or either of them, over the said rivers shall be made with unbroken and continuous spans, there shall be at least one span of a height of not less than eighty feet above low water as understood at the point of location, measured to the lowest part of the superstructure of said bridge; and said span shall have a clear opening of at least two hundred feet between the piers, measured at right angles to the current, and shall be over the main channel of the river, and the bridge or bridges shall be at right angles to, and the piers parallel with, the current of the river. And if the bridges, or either of them, over the said rivers shall be constructed as draw or pivot bridges, the draw or pivot pier shall be over the main channel of the river at an accessible navigable point, and the openings on each side of the pivot pier shall not be less than one hundred feet in the clear, unless otherwise expressly directed by the Secretary of War, and if so directed shall be according to such direction, and the said openings shall be accessible at all stages of water, and the spans shall be not less than ten feet above extreme high water, as understood at the point of location, to the lowest part of the superstructure of the bridge, and the piers and draw rests shall be parallel with, and the bridge or bridges at right angles to, the current of the river or rivers; and no riprap or other outside protection for imperfect foundations shall be permitted to approach nearer than four feet to the surface of the water at its extreme low stage, or otherwise to encroach upon the channel ways provided for in this Act; and all and each of said draws shall be opened promptly upon reasonable signal for the passing of boats; and whatever kind of bridges shall be constructed said company shall maintain, at its own expense, from sunset till sunrise, such lights or other signals on said bridges as the Light-House Board may prescribe.

Draw bridges.

Opening draw.

Lights, etc.

Lawful structures and post routes.

SEC. 2. That any bridge built under this act, and subject to its limitations, shall be a lawful structure, and shall be recognized and known as a post route, upon which also no higher charge shall be made for the transmission over the same of the mails, the troops, and the munitions of war of the United States than the rate per mile paid for the transportation over the railroad or public highways leading to the said bridge; and it shall enjoy the rights and privileges of other post-roads in the United States.

Unobstructed navigation.

SEC. 3. That no bridge shall be erected or maintained under the authority of this Act which shall at any time substantially or materially obstruct the free navigation of said rivers; and if any bridge erected under such authority shall, in the opinion of the Secretary of War, obstruct such navigation, he is hereby authorized to cause such change or alteration of said bridge or bridges to be made as will effectually obviate such obstruction; and all such alterations shall be made and all such obstructions be removed at the expense of the owner or owners of said bridge. And in case of any litigation arising from any obstruction or alleged obstruction to the free navigation of said river, caused or alleged to be caused by said bridge, the case may be brought in the district court of the United States for the western district of Louisiana, in whose jurisdiction any portion of said obstruction or bridge may be located: *Provided*, That nothing in this Act shall be so construed as to repeal or modify any of the provisions of law now existing in reference to the protection of the navigation of rivers or to exempt said bridges from the operation of the same.

Changes.

Litigation.

Proviso. Existing laws not affected.

SEC. 4. That all railway companies desiring the use of said bridges, or either of them, shall have and be entitled to equal rights and privileges relative to the passage of railway trains over the same, and over the approaches thereto, upon payment of a reasonable compensation for such use.

Use by other companies.

SEC. 5. That the bridges authorized to be constructed under this Act shall be built and located under and subject to such regulations for the security of navigation of said rivers as the Secretary of War shall prescribe; and to secure that object the said company or corporation shall submit to the Secretary of War, for his examination and ap-

Secretary of War to approve plans, etc.

proval, a design and drawings of said bridges, and each of them, and a map of the location, giving, for the space of one mile above and one mile below the proposed location, the topography of the banks of the river, the shore lines at high and low water, the direction and strength of the currents at all stages, and the soundings, accurately showing the bed of the stream, the location of any other bridge or bridges, and shall furnish such other information as may be required for a full and satisfactory understanding of the subject; and until the said plan and location of the bridge or bridges are approved by the Secretary of War the bridge or bridges shall not be built; and should any change be made in the plan of said bridges, or either of them, during the progress of construction, such change shall be subject to approval of the Secretary of War. And the said structures shall be changed at the cost and expense of the owners thereof, from time to time, as the Secretary of War may direct, so as to preserve the free and convenient navigation of said rivers, and the authority to erect and continue any and all of said bridges shall be subject to revocation by the Secretary of War whenever the public good, in his judgment, so requires.

Changes.

Amendment, etc. SEC. 6. That the right to alter, amend, or repeal this Act is hereby expressly reserved.

Commencement and completion. SEC. 7. That this Act shall be null and void if actual construction of the bridge or bridges herein authorized be not commenced within one year and completed within three years from the approval of this Act.

Approved, April 2, 1894.

April 5, 1894.

CHAP. 56.—An Act Authorizing the Texarkana and Fort Smith Railway Company to bridge Caddo Lake at or near Mooringsport, Louisiana, and Cross Bayou, near Shreveport, Louisiana.

Texarkana and Fort Smith Railway Company may bridge Caddo Lake, Mooringsport, La., and Cross Bayou, Shreveport, La.

Railway, wagon, and foot bridges.

Toll.

Draw bridges.

Opening draws.

Lights, etc.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Texarkana and Fort Smith Railway Company, its successors or assigns, be, and is hereby, authorized to construct and maintain a railway bridge, and approaches thereto, over and across Caddo Lake, near Mooringsport, Louisiana, and also a railway bridge, and approaches thereto, over and across Cross Bayou, near Shreveport, Louisiana, at such point as may be selected by said railway company for crossing said bayou with its railroad line. Said bridges shall be constructed to provide for the passage of railway trains, and, at the option of said company, may be used for the passage of wagons and vehicles of all kinds, for the transit of animals, and for foot passengers, for such reasonable rates of toll as may be approved from time to time by the Secretary of War. That the bridges over the said streams shall be constructed as draw or pivot bridges, the draw or pivot pier shall be over the main channel of the stream at an accessible navigable point, and the openings on each side of the pivot pier shall not be less than one hundred feet in the clear, unless otherwise expressly directed by the Secretary of War, and if so directed shall be according to such direction, and the said openings shall be accessible at all stages of water, and the spans shall be not less than ten feet above extreme high water, as understood at the point of location, to the lowest part of the superstructure of the bridge, and the piers and draw rests shall be parallel with, and the bridge or bridges at right angles to, the current of the stream or streams, and no riprap or other outside protection for imperfect foundations shall be permitted to approach nearer than four feet to the surface of the water at its extreme low stage, or otherwise to encroach upon the channel ways provided for in this Act; and all and each of said draws shall be opened promptly upon reasonable signals for the passage of boats; and said company shall maintain, at its own expense, from sunset till sunrise, throughout the season of navigation, such lights or other signals on said bridges as the Light-House Board may prescribe.