

Secretary of War to
approve plans, etc.

Changes.

Amendment.

Time of construc-
tion.

SEC. 4. That all bridges authorized to be constructed under this Act shall be built under and subject to such regulations for the security of the navigation of the rivers over which they may be built 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 designs and drawings of the bridges and maps of locations selected; and until the said plans and locations are approved by the Secretary of War the bridges shall not be commenced or built; and should any changes be made in the plans of said bridges, or any of them, during the progress of construction, such changes shall be subject to the approval of the Secretary of War, and all changes in said bridges, or any of them, required by the Secretary of War at any time, or their entire removal, shall be at the expense of the corporations or persons owning or operating said bridges.

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

SEC. 6. That this Act shall be null and void if actual construction of the bridges herein authorized is not commenced within one year and completed within three years from the date thereof.

Approved, December 15, 1905.

December 21, 1905.
[H. R. 299.]

[Public, No. 2.]

Columbia River,
Portland and Seat-
tle Railway Company
may bridge, at Van-
couver, Wash.

Unobstructed navi-
gation.
Litigation.

Railroad, wagon,
and foot bridge.

Drawbridge.

Provisos.
Location of spans.

Length of spans, etc.

Substitution of
draws.

CHAP. 2.—An Act To authorize the construction of a bridge across the Columbia River by the Portland and Seattle Railway Company.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Portland and Seattle Railway Company, a corporation existing under the laws of the State of Washington, its successors and assigns, be, and is hereby, authorized to construct and maintain a bridge across the Columbia River at a place suitable to commerce and not interfering with navigation, at a point at or near Vancouver, in the State of Washington, and to lay on or over said bridge a track or tracks for the more perfect connection of any railroad or railroads that are or shall be constructed to said river, on either or both sides thereof at or opposite said point, under the limitations and conditions hereinafter provided; that said bridge shall not interfere with the free navigation of said river, and in case of any litigation arising from any obstruction or alleged obstruction to the free navigation of said river by reason of the construction of said bridge, the cause may be tried before the circuit court of the United States in and for any district in whose jurisdiction any portion of said obstruction or bridge may be. Said bridge shall be constructed to provide for the passage of railroad trains, and, at the option of the said company or corporation, its successors and assigns, for the safe and convenient passage of wagons and vehicles of all kinds, animals, and foot passengers for such reasonable rates of toll as may be fixed from time to time by the Secretary of War.

SEC. 2. That said bridge shall be provided with two or more draw openings, each having not less than two hundred feet clear channel way, and in addition to said draw openings one or more fixed channel spans, each having not less than three hundred and fifty feet clear channel way; and every part of the superstructure of said bridge shall give a clear headroom of not less than six feet above extreme known high-water mark: *Provided*, That all spans shall be so located as to afford the greatest possible accommodation to the river traffic, and a draw opening shall, if practicable, be located next or near shore: *Provided also*, That if the physical characteristics of the locality so require, and the interests of navigation be not injured thereby, the lengths of the fixed spans or the number of draw openings may be reduced: *Provided also*, That for any two adjacent draw openings of two hundred feet each

one draw opening of three hundred feet may be substituted if, in the opinion of the Secretary of War, the interests of navigation be not injured thereby.

SEC. 3. That all draw spans authorized by this Act shall be operated by steam or other reliable mechanical power, and shall be opened promptly upon reasonable signal for the passage of boats, except when trains are passing over said span or spans; but in no case shall unnecessary delay occur in opening said draw after the passage of trains, and also that in case the opening of a draw is delayed by reason of the passing of a train after the signal has been given from a boat ready to pass through, the draw shall be opened for the passage of such boat before another train is allowed to pass over the said span or spans; nor shall there be any unnecessary delay in the passage of trains over the bridge.

Opening draw.

SEC. 4. That all piers shall be built parallel with the current of the river at that stage of water which is most important for navigation, and the bridge itself shall be built as nearly as may be at right angles thereto; and that riprapping or other protection for imperfect foundations which will lessen the required waterway shall not be permitted; and also that piers which will produce cross currents or bars dangerous to navigation shall not be constructed; and if, after construction, any piers or accessory works are found to produce the above-mentioned effects, or if any riprapping or other protection prohibited by this section is found to exist, the nuisance shall be abated or corrected under the direction of the Secretary of War, at the expense of the company or persons owning, controlling, or operating said bridge.

Construction of piers, etc.

SEC. 5. That the approaches to said bridge shall be so designed and constructed as not to interfere with the free discharge of said river in seasons of flood; and any encroachment on the high-water cross section by piers, solid embankments, or otherwise, which will result in unduly accelerating the high-water current at the site of the bridge shall not be allowed.

Approaches.

SEC. 6. That any corporation, company, or persons owning, controlling, or operating the bridge built under the authority of this Act shall build and maintain at all times, as accessory works to such bridge, such booms, piers, dikes, guard fences, and similar devices as may be necessary to insure at all times a permanent channel for a sufficient distance above and below the bridge site and for the guiding of rafts, steamboats, and other water craft safely under or through said bridge; and if at any time after the construction of the bridge and its accessory works the approaches to draw openings, channel spans, or raft passages in said bridge are found to be dangerous or difficult of access by any important class of river traffic, the Secretary of War may, upon the recommendation of the Chief of Engineers, United States Army, order the corporation, company, or persons owning, controlling, or operating said bridge to construct, under his directions, and to maintain such additional sheer booms, dikes, and other devices as will obviate the difficulty mentioned, which additional sheer booms, dikes, and other devices shall be built and maintained at their own expense by said company or persons; and that said company or persons shall maintain, at their own expense, from sunset to sunrise throughout the season of navigation such lights and other signals on said bridge as may be required by the Light-House Board for the security of navigation.

Aids to navigation.

Lights, etc.

SEC. 7. That the bridge authorized to be constructed by this Act shall be located and built under and subject to such regulations for the security of navigation on said river as the Secretary of War shall prescribe; and to secure that object said corporation shall submit for his examination a design and drawings of the bridge, piers, approaches, and accessory works, and a map of the location, giving for a space of at least three miles above and one mile below the proposed location the topography of the banks of the river and the shore lines at high and

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Maps.

low water. This map shall be accompanied by others drawn on the scale of one inch to two hundred feet, giving for a space of one-half mile above the line of the proposed bridge and one-fourth mile below an accurate representation of the bottom of the river, by contour lines two feet apart, determined by accurate soundings, and also showing over the whole width of this part of the river the force and directions of the currents at low water, at high water, and at at least one intermediate stage by triangulated observations on suitable floats. The maps shall also show the location of other bridges in the vicinity, and shall give such information as the Secretary of War may require for a full and satisfactory understanding of the subject; and the construction of the proposed bridge shall not be commenced until the location and plans thereof are approved by the Secretary of War.

Changes.

SEC. 8. That any bridge constructed under the authority of this Act shall be built under the general supervision of the Secretary of War, and no changes or alterations in plans shall be made during construction of said bridge or after its completion unless said changes or alterations conform to the provisions of this Act and are authorized by the Secretary of War; that such alterations and changes as may be required by the Secretary of War in said bridge so as to preserve free and convenient navigation shall be made under the direction of the Secretary of War, at their own expense, by the company or persons owning, controlling, or operating said bridge; that during original construction or in carrying out any authorized changes or repairs of said bridge a navigable channel shall be preserved at the site of the bridge at all times, and the waterway of the river shall not be obstructed to a greater extent than is absolutely necessary; and such lights and buoys shall be kept on all cofferdams, piles, and so forth, as may be necessary for the security of navigation.

Use by other companies.

SEC. 9. That all railroad companies desiring the use of the bridge authorized by this Act shall have and be entitled to equal rights and privileges relative to the passage of railway trains or cars over the same and over the approaches thereto upon the payment of a reasonable compensation for such use; and in case the owner or owners of said bridge and the several railroad companies, or any one of them, desiring such use shall fail to agree upon the sum or sums to be paid, and upon rules and conditions to which each shall conform in using said bridge, all matters at issue between them shall be decided by the Secretary of War upon a hearing of the allegations and proofs of the parties; and equal privileges in the use of said bridge shall be granted to all telegraph and telephone companies.

Telegraph, etc., rights.

Lawful structure and post route.

SEC. 10. That the bridge constructed, maintained, and operated under this Act and according 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 transportation 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 of said mails, troops, and munitions over the railroads and public highways leading to said bridge; and the United States shall have the right of way for postal telegraph and telephone purposes over said bridge.

Time of construction.

SEC. 11. 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 approval thereof.

Amendment.

SEC. 12. That the right to alter, amend, or repeal this Act is hereby expressly reserved.

Approved, December 21, 1905.