

tial improvement of such a harbor at Grand Marais; that the constantly increasing commerce of the lake demands that such improvements be pushed to an early completion; your memorialists therefore pray that such further and adequate appropriations may be promptly made as will insure a commodious harbor of refuge at Grand Marais, together with a light house, without which the improvements already made will be of little value.

Approved February 23, 1883.

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### NUMBER 13.

#### A MEMORIAL TO CONGRESS IN RELATION TO SHEAR BOOMS AT BRIDGES ON THE MISSISSIPPI RIVER.

*To the Senate and House of Representatives of the United States in Congress assembled:*

The memorial of the Legislature of the state of Minnesota respectfully represents:

That the piers of many of the railway bridges crossing the Mississippi river are a very serious hindrance to navigation. That steamers frequently collide with them and sometimes great loss of life is thereby occasioned, and that there is annually a great loss of property, and that they are constantly a great source of danger and dread to those who have business or who travel upon the river.

That, in accordance with the act of Congress approved March third (3d), eighteen hundred and seventy-five (1875), a board of United States engineers was convened in St. Louis, and after an exhaustive examination of the subject, they submitted a report to the Honorable the Secretary of War, February nineteenth (19), eighteen hundred and seventy-seven (1877), in which they recognized the great necessity for shear booms, and recommended plans for the same at the various bridges.

That in eighteen hundred and eighty-two (1882), Major A. McKinzie, United States engineer in charge of the river improvements between St. Anthony's Falls and the mouth of the Illinois river, constantly witnessing the great danger to life and property at the bridge piers and the consequent necessity for protection thereat, submitted a report to the Chief of Engineers, United States Army, in which much important information was given upon the subject and the shear booms urgently recommended. Therefore, your memorialists would respectfully but urgently suggest that the interest of commerce, the security of property and the safety of life imperatively demand that, at the earliest possible moment shear booms be placed at the various

bridges in substantial accordance with the plans and recommendations above alluded to.

*Be it Resolved, The Assembly concurring,* That the Governor be and he is hereby requested to subscribe and forward the memorial to the President of the United States, the President of the United States Senate, the Speaker of the House of Representatives, and to each of our Senators and Representatives in the Congress of the United States.

Approved March 1, 1883.

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#### NUMBER 14.

A MEMORIAL TO THE HONORABLE THE SENATE AND HOUSE OF REPRESENTATIVES OF THE UNITED STATES.

[*To the Honorable the Senate and House of Representatives of the United States.*]

Your memorialists, the Legislature of the State of Minnesota, respectfully represent that further and more liberal appropriations are urgently demanded for the immediate improvement of the harbor of Duluth.

The extension of the commerce tributary to that point has been so manifestly and largely out of proportion to the extension of harbor facilities, that a further failure to augment the appropriations must result in the obstruction of such commerce or its diversion to unnatural and less economical channels.

The water front in said harbor, so improved as to be presently available for commerce, is not at all commensurate to the variety and magnitude of the shipping interests which are now definitely seeking accommodation at that port.

THEREFORE, your memorialists pray for an immediate and substantial increase of the appropriations for that harbor.

Approved January 22, 1883.